10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

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 level/Default Power level/ Pmax Power Level for WWAN

GSM850 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.30	32.74	32.52	33.50	23.30	23.74	23.52	24.50
GPRS 1 Tx slot	32.24	32.73	32.47	33.50	23.24	23.73	23.47	24.50
GPRS 2 Tx slots	31.23	31.57	31.62	32.50	25.23	25.57	25.62	26.50
GPRS 3 Tx slots	29.51	29.78	29.84	31.50	25.25	25.52	25.58	27.24
GPRS 4 Tx slots	28.77	28.79	28.75	30.50	25.77	25.79	25.75	27.50
EDGE 1 Tx slot	26.60	26.81	26.97	27.50	17.60	17.81	17.97	18.50
EDGE 2 Tx slots	25.55	25.59	25.86	27.00	19.55	19.59	19.86	21.00
EDGE 3 Tx slots	23.12	23.26	23.36	24.50	18.86	19.00	19.10	20.24
EDGE 4 Tx slots	22.08	22.10	22.27	23.00	19.08	19.10	19.27	20.00

GSM1900 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.96	29.07	29.00	30.50	19.96	20.07	20.00	21.50
GPRS 1 Tx slot	28.93	29.06	28.98	30.50	19.93	20.06	19.98	21.50
GPRS 2 Tx slots	28.43	28.30	28.36	30.00	22.43	22.30	22.36	24.00
GPRS 3 Tx slots	26.68	26.82	26.75	28.50	22.42	22.56	22.49	24.24
GPRS 4 Tx slots	25.57	25.71	25.65	27.50	22.57	22.71	22.65	24.50
EDGE 1 Tx slot	25.89	25.95	25.97	26.50	16.89	16.95	16.97	17.50
EDGE 2 Tx slots	24.76	24.82	24.84	25.50	18.76	18.82	18.84	19.50
EDGE 3 Tx slots	22.58	22.61	22.63	23.50	18.32	18.35	18.37	19.24
EDGE 4 Tx slots	21.28	21.34	21.41	22.50	18.28	18.34	18.41	19.50

		WCDMA II Default				WCDMA V Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.88	22.93	22.78	24.00	22.92	23.10	23.05	24.00
3GPP Rel 99	RMC 12.2Kbps	23.02	23.06	22.96	24.00	23.09	23.24	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	22.23	22.11	22.14	23.00	22.35	22.26	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.29	22.25	22.12	23.00	22.29	22.37	22.26	23.00
3GPP Rel 6	HSDPA Subtest-3	21.83	21.65	21.64	22.50	22.05	21.83	21.86	22.50
3GPP Rel 6	HSDPA Subtest-4	21.82	21.69	21.71	22.50	22.02	21.91	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.07	22.14	21.98	23.00	22.26	22.35	22.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.98	22.29	22.07	23.00	22.17	22.50	22.30	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.62	21.71	21.47	22.50	21.80	21.88	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.50	21.86	21.70	22.50	21.62	22.04	21.92	22.50
3GPP Rel 6	HSUPA Subtest-1	22.24	22.07	22.19	23.00	22.45	22.31	22.36	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.26	20.15	21.00	20.45	20.49	20.27	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.22	21.11	22.00	21.37	21.37	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.29	20.24	20.09	21.00	20.47	20.39	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	22.25	22.31	22.14	23.00	22.45	22.45	22.35	23.00

Band 2 Ant0 Default

BW [MHz]	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	22.61	22.62	22.56	24	0
20	QPSK	1	49	22.41	22.53	22.42		
20	QPSK	1	99	22.42	22.55	22.44		
20	QPSK	50	0	21.75	21.82	21.68		
20	QPSK	50	24	21.76	21.79	21.65	23	1
20	QPSK	50	50	21.66	21.74	21.68		
20	QPSK	100	0	21.67	21.78	21.71		
20	16QAM	1	0	21.63	21.67	21.53		
20	16QAM	1	49	21.48	21.59	21.49	23	1
20	16QAM	1	99	21.47	21.62	21.57		
20	16QAM	50	0	20.52	20.65	20.51		
20	16QAM	50	24	20.46	20.51	20.38	22	2
20	16QAM	50	50	20.46	20.58	20.47		
20	16QAM	100	0	20.62	20.71	20.66		
20	64QAM	1	0	20.63	20.73	20.67		
20	64QAM	1	49	20.52	20.66	20.59	22	2
20	64QAM	1	99	20.54	20.61	20.53		
20	64QAM	50	0	19.56	19.60	19.47		
20	64QAM	50	24	19.45	19.52	19.44	21	3
20	64QAM	50	50	19.44	19.56	19.49		
20	64QAM	100	0	19.55	19.69	19.63		
20	256QAM	1	0	17.56	17.59	17.59		
20	256QAM	1	49	17.44	17.49	17.43	19	5
20	256QAM	1	99	17.49	17.56	17.49		
20	256QAM	50	0	17.50	17.52	17.54		
20	256QAM	50	24	17.49	17.46	17.49	19	5
20	256QAM	50	50	17.51	17.52	17.54		
20	256QAM	100	0	17.42	17.49	17.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.52	22.58	22.43	24	0
15	QPSK	1	37	22.33	22.48	22.38		
15	QPSK	1	74	22.36	22.46	22.31		
15	QPSK	36	0	21.65	21.78	21.63		
15	QPSK	36	20	21.65	21.70	21.50	23	1
15	QPSK	36	39	21.60	21.61	21.60		
15	QPSK	75	0	21.57	21.66	21.66		
15	16QAM	1	0	21.54	21.60	21.40		
15	16QAM	1	37	21.36	21.45	21.35	23	1
15	16QAM	1	74	21.33	21.55	21.51		
15	16QAM	36	0	20.39	20.51	20.45		
15	16QAM	36	20	20.32	20.47	20.31	22	2
15	16QAM	36	39	20.39	20.54	20.38		
15	16QAM	75	0	20.53	20.62	20.53		
15	64QAM	1	0	20.48	20.61	20.55		
15	64QAM	1	37	20.49	20.55	20.52	22	2
15	64QAM	1	74	20.42	20.56	20.45		
15	64QAM	36	0	19.50	19.49	19.39		
15	64QAM	36	20	19.31	19.47	19.33	21	3
15	64QAM	36	39	19.33	19.42	19.44		
15	64QAM	75	0	19.43	19.60	19.51		
15	256QAM	1	0	17.56	17.62	17.56		
15	256QAM	1	37	17.49	17.52	17.48	19	5
15	256QAM	1	74	17.46	17.56	17.57		
15	256QAM	36	0	17.53	17.49	17.55		
15	256QAM	36	20	17.48	17.45	17.49	19	5
15	256QAM	36	39	17.46	17.37	17.46		
15	256QAM	75	0	17.47	17.50	17.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.48	22.52	22.51	24	0
10	QPSK	1	25	22.37	22.40	22.34		
10	QPSK	1	49	22.29	22.49	22.39		
10	QPSK	25	0	21.71	21.75	21.58		
10	QPSK	25	12	21.70	21.69	21.56	23	1
10	QPSK	25	25	21.51	21.68	21.65		
10	QPSK	50	0	21.64	21.65	21.62		
10	16QAM	1	0	21.59	21.56	21.42		
10	16QAM	1	25	21.39	21.45	21.41	23	1
10	16QAM	1	49	21.42	21.52	21.43		
10	16QAM	25	0	20.42	20.56	20.47		
10	16QAM	25	12	20.36	20.46	20.29	22	2
10	16QAM	25	25	20.36	20.46	20.36		
10	16QAM	50	0	20.47	20.62	20.51		
10	64QAM	1	0	20.53	20.65	20.62		
10	64QAM	1	25	20.42	20.55	20.48	22	2
10	64QAM	1	49	20.41	20.46	20.46		
10	64QAM	25	0	19.51	19.52	19.33		
10	64QAM	25	12	19.38	19.43	19.38	21	3
10	64QAM	25	25	19.33	19.49	19.35		
10	64QAM	50	0	19.42	19.63	19.59		
10	256QAM	1	0	17.59	17.53	17.58		
10	256QAM	1	25	17.49	17.46	17.46	19	5
10	256QAM	1	49	17.45	17.49	17.47		
10	256QAM	25	0	17.56	17.53	17.49		
10	256QAM	25	12	17.47	17.47	17.44	19	5
10	256QAM	25	25	17.48	17.55	17.54		
10	256QAM	50	0	17.46	17.49	17.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.53	22.49	22.51	24	0
5	QPSK	1	12	22.36	22.49	22.32		
5	QPSK	1	24	22.28	22.43	22.30		
5	QPSK	12	0	21.72	21.71	21.58		
5	QPSK	12	7	21.64	21.67	21.59	23	1
5	QPSK	12	13	21.59	21.68	21.64		
5	QPSK	25	0	21.55	21.70	21.58		
5	16QAM	1	0	21.50	21.61	21.49		
5	16QAM	1	12	21.41	21.49	21.49	23	1
5	16QAM	1	24	21.39	21.51	21.48		
5	16QAM	12	0	20.42	20.56	20.37		
5	16QAM	12	7	20.42	20.43	20.29	22	2
5	16QAM	12	13	20.39	20.45	20.38		
5	16QAM	25	0	20.52	20.59	20.57		
5	64QAM	1	0	20.51	20.65	20.55		
5	64QAM	1	12	20.46	20.58	20.46	22	2
5	64QAM	1	24	20.45	20.51	20.49		
5	64QAM	12	0	19.42	19.53	19.33		
5	64QAM	12	7	19.32	19.44	19.36	21	3
5	64QAM	12	13	19.38	19.44	19.38		
5	64QAM	25	0	19.40	19.56	19.36		
5	256QAM	1	0	17.58	17.57	17.55		
5	256QAM	1	12	17.50	17.43	17.42	19	5
5	256QAM	1	24	17.57	17.52	17.47		
5	256QAM	12	0	17.56	17.48	17.46		
5	256QAM	12	7	17.48	17.51	17.49	19	5
5	256QAM	12	13	17.56	17.54	17.52		
5	256QAM	25	0	17.44	17.41	17.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.50	22.52	22.46	24	0
3	QPSK	1	8	22.27	22.41	22.37		
3	QPSK	1	14	22.31	22.45	22.38		
3	QPSK	8	0	21.66	21.72	21.58		
3	QPSK	8	4	21.63	21.71	21.58	23	1
3	QPSK	8	7	21.62	21.62	21.55		
3	QPSK	15	0	21.60	21.72	21.58		
3	16QAM	1	0	21.55	21.56	21.42		
3	16QAM	1	8	21.34	21.52	21.36	23	1
3	16QAM	1	14	21.43	21.51	21.49		
3	16QAM	8	0	20.46	20.56	20.44		
3	16QAM	8	4	20.36	20.37	20.24	22	2
3	16QAM	8	7	20.40	20.52	20.34		
3	16QAM	15	0	20.53	20.66	20.52		
3	64QAM	1	0	20.51	20.62	20.59		
3	64QAM	1	8	20.42	20.55	20.52	22	2
3	64QAM	1	14	20.42	20.53	20.46		
3	64QAM	8	0	19.47	19.54	19.44		
3	64QAM	8	4	19.38	19.46	19.40	21	3
3	64QAM	8	7	19.40	19.49	19.45		
3	64QAM	15	0	19.43	19.59	19.50		
3	256QAM	1	0	17.60	17.57	17.53		
3	256QAM	1	8	17.43	17.43	17.49	19	5
3	256QAM	1	14	17.49	17.56	17.55		
3	256QAM	8	0	17.55	17.56	17.49		
3	256QAM	8	4	17.48	17.54	17.44	19	5
3	256QAM	8	7	17.57	17.52	17.56		
3	256QAM	15	0	17.41	17.48	17.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.57	22.49	22.50	24	0
1.4	QPSK	1	3	22.37	22.46	22.35		
1.4	QPSK	1	5	22.28	22.50	22.41		
1.4	QPSK	3	0	22.45	22.53	22.38		
1.4	QPSK	3	1	22.41	22.53	22.32		
1.4	QPSK	3	3	22.34	22.49	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.59	21.53	21.46		
1.4	16QAM	1	3	21.34	21.52	21.34		
1.4	16QAM	1	5	21.33	21.58	21.42	23	1
1.4	16QAM	3	0	21.40	21.54	21.39		
1.4	16QAM	3	1	21.41	21.38	21.34		
1.4	16QAM	3	3	21.42	21.49	21.37		
1.4	16QAM	6	0	20.53	20.62	20.51	22	2
1.4	64QAM	1	0	20.58	20.60	20.57		
1.4	64QAM	1	3	20.40	20.61	20.49		
1.4	64QAM	1	5	20.40	20.55	20.39	22	2
1.4	64QAM	3	0	20.50	20.47	20.41		
1.4	64QAM	3	1	20.34	20.49	20.32		
1.4	64QAM	3	3	20.40	20.52	20.40		
1.4	64QAM	6	0	19.46	19.55	19.57	21	3
1.4	256QAM	1	0	17.54	17.52	17.60		
1.4	256QAM	1	3	17.46	17.48	17.45		
1.4	256QAM	1	5	17.49	17.45	17.48	19	5
1.4	256QAM	3	0	17.52	17.57	17.53		
1.4	256QAM	3	1	17.50	17.50	17.47		
1.4	256QAM	3	3	17.52	17.48	17.56		
1.4	256QAM	6	0	17.40	17.44	17.48	19	5

Band 4 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.54	22.46	24	0
20	QPSK	1	49	22.43	22.51	22.41		
20	QPSK	1	99	22.35	22.60	22.37		
20	QPSK	50	0	21.79	21.85	21.81		
20	QPSK	50	24	21.75	21.82	21.75	23	1
20	QPSK	50	50	21.62	21.76	21.69		
20	QPSK	100	0	21.69	21.80	21.70		
20	16QAM	1	0	21.75	21.83	21.69		
20	16QAM	1	49	21.60	21.74	21.67	23	1
20	16QAM	1	99	21.71	21.78	21.74		
20	16QAM	50	0	20.68	20.80	20.66		
20	16QAM	50	24	20.67	20.75	20.72	22	2
20	16QAM	50	50	20.64	20.71	20.60		
20	16QAM	100	0	20.73	20.78	20.74		
20	64QAM	1	0	20.68	20.76	20.62		
20	64QAM	1	49	20.57	20.67	20.55	22	2
20	64QAM	1	99	20.62	20.72	20.67		
20	64QAM	50	0	19.75	19.84	19.78		
20	64QAM	50	24	19.72	19.80	19.69	21	3
20	64QAM	50	50	19.67	19.78	19.69		
20	64QAM	100	0	19.70	19.83	19.73		
20	256QAM	1	0	17.57	17.59	17.53		
20	256QAM	1	49	17.40	17.49	17.41	19	5
20	256QAM	1	99	17.57	17.46	17.48		
20	256QAM	50	0	17.52	17.55	17.48		
20	256QAM	50	24	17.50	17.47	17.45	19	5
20	256QAM	50	50	17.51	17.54	17.57		
20	256QAM	100	0	17.43	17.49	17.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.27	22.48	22.34	24	0
15	QPSK	1	37	22.35	22.39	22.29		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	21.70	21.81	21.72		
15	QPSK	36	20	21.67	21.70	21.64	23	1
15	QPSK	36	39	21.63	21.63	21.55		
15	QPSK	75	0	21.54	21.66	21.63		
15	16QAM	1	0	21.64	21.73	21.62		
15	16QAM	1	37	21.47	21.66	21.61	23	1
15	16QAM	1	74	21.55	21.69	21.61		
15	16QAM	36	0	20.55	20.68	20.54		
15	16QAM	36	20	20.62	20.65	20.68	22	2
15	16QAM	36	39	20.53	20.56	20.54		
15	16QAM	75	0	20.65	20.69	20.65		
15	64QAM	1	0	20.56	20.72	20.50		
15	64QAM	1	37	20.42	20.58	20.46	22	2
15	64QAM	1	74	20.52	20.57	20.55		
15	64QAM	36	0	19.70	19.79	19.64		
15	64QAM	36	20	19.58	19.65	19.62	21	3
15	64QAM	36	39	19.53	19.70	19.60		
15	64QAM	75	0	19.60	19.70	19.66		
15	256QAM	1	0	17.52	17.52	17.52		
15	256QAM	1	37	17.49	17.48	17.48	19	5
15	256QAM	1	74	17.57	17.45	17.50		
15	256QAM	36	0	17.60	17.50	17.49		
15	256QAM	36	20	17.51	17.46	17.53	19	5
15	256QAM	36	39	17.50	17.50	17.50		
15	256QAM	75	0	17.44	17.51	17.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.36	22.46	22.33	24	0
10	QPSK	1	25	22.30	22.45	22.30		
10	QPSK	1	49	22.22	22.42	22.31		
10	QPSK	25	0	21.66	21.81	21.74		
10	QPSK	25	12	21.65	21.75	21.65	23	1
10	QPSK	25	25	21.55	21.67	21.68		
10	QPSK	50	0	21.63	21.73	21.58		
10	16QAM	1	0	21.66	21.80	21.57		
10	16QAM	1	25	21.54	21.67	21.63	23	1
10	16QAM	1	49	21.67	21.66	21.67		
10	16QAM	25	0	20.58	20.71	20.59		
10	16QAM	25	12	20.53	20.62	20.68	22	2
10	16QAM	25	25	20.51	20.61	20.51		
10	16QAM	50	0	20.62	20.64	20.65		
10	64QAM	1	0	20.56	20.63	20.48		
10	64QAM	1	25	20.51	20.54	20.42	22	2
10	64QAM	1	49	20.48	20.66	20.61		
10	64QAM	25	0	19.71	19.74	19.70		
10	64QAM	25	12	19.68	19.68	19.54	21	3
10	64QAM	25	25	19.58	19.67	19.55		
10	64QAM	50	0	19.66	19.69	19.69		
10	256QAM	1	0	17.62	17.52	17.61		
10	256QAM	1	25	17.41	17.49	17.46	19	5
10	256QAM	1	49	17.48	17.55	17.54		
10	256QAM	25	0	17.49	17.57	17.59		
10	256QAM	25	12	17.46	17.43	17.54	19	5
10	256QAM	25	25	17.54	17.52	17.55		
10	256QAM	50	0	17.41	17.45	17.43		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.35	22.50	22.34	24	0
5	QPSK	1	12	22.28	22.42	22.38		
5	QPSK	1	24	22.27	22.37	22.31		
5	QPSK	12	0	21.71	21.81	21.69		
5	QPSK	12	7	21.62	21.74	21.70	23	1
5	QPSK	12	13	21.47	21.72	21.63		
5	QPSK	25	0	21.58	21.68	21.57		
5	16QAM	1	0	21.70	21.72	21.58		
5	16QAM	1	12	21.51	21.68	21.55	23	1
5	16QAM	1	24	21.64	21.74	21.61		
5	16QAM	12	0	20.54	20.70	20.59		
5	16QAM	12	7	20.53	20.63	20.62	22	2
5	16QAM	12	13	20.54	20.66	20.56		
5	16QAM	25	0	20.67	20.68	20.64		
5	64QAM	1	0	20.53	20.71	20.53		
5	64QAM	1	12	20.43	20.55	20.49	22	2
5	64QAM	1	24	20.58	20.62	20.61		
5	64QAM	12	0	19.71	19.80	19.73		
5	64QAM	12	7	19.58	19.67	19.63	21	3
5	64QAM	12	13	19.63	19.71	19.61		
5	64QAM	25	0	19.55	19.71	19.65		
5	256QAM	1	0	17.57	17.53	17.59		
5	256QAM	1	12	17.45	17.46	17.43	19	5
5	256QAM	1	24	17.56	17.56	17.48		
5	256QAM	12	0	17.52	17.57	17.50		
5	256QAM	12	7	17.46	17.51	17.46	19	5
5	256QAM	12	13	17.57	17.53	17.56		
5	256QAM	25	0	17.41	17.46	17.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.35	22.42	22.37	24	0
3	QPSK	1	8	22.30	22.46	22.30		
3	QPSK	1	14	22.28	22.36	22.27		
3	QPSK	8	0	21.73	21.80	21.75		
3	QPSK	8	4	21.63	21.70	21.61	23	1
3	QPSK	8	7	21.53	21.71	21.56		
3	QPSK	15	0	21.62	21.65	21.60		
3	16QAM	1	0	21.70	21.76	21.61		
3	16QAM	1	8	21.49	21.64	21.60	23	1
3	16QAM	1	14	21.61	21.65	21.69		
3	16QAM	8	0	20.63	20.69	20.53		
3	16QAM	8	4	20.55	20.61	20.60	22	2
3	16QAM	8	7	20.54	20.65	20.54		
3	16QAM	15	0	20.60	20.70	20.63		
3	64QAM	1	0	20.61	20.63	20.58		
3	64QAM	1	8	20.42	20.54	20.43	22	2
3	64QAM	1	14	20.47	20.67	20.63		
3	64QAM	8	0	19.62	19.78	19.73		
3	64QAM	8	4	19.58	19.75	19.59	21	3
3	64QAM	8	7	19.64	19.73	19.54		
3	64QAM	15	0	19.66	19.68	19.62		
3	256QAM	1	0	17.56	17.61	17.51		
3	256QAM	1	8	17.51	17.46	17.40	19	5
3	256QAM	1	14	17.56	17.49	17.51		
3	256QAM	8	0	17.48	17.52	17.53		
3	256QAM	8	4	17.49	17.43	17.51	19	5
3	256QAM	8	7	17.53	17.56	17.53		
3	256QAM	15	0	17.50	17.48	17.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.28	22.40	22.32	24	0
1.4	QPSK	1	3	22.37	22.42	22.26		
1.4	QPSK	1	5	22.30	22.34	22.31		
1.4	QPSK	3	0	22.34	22.49	22.42		
1.4	QPSK	3	1	22.33	22.42	22.32		
1.4	QPSK	3	3	22.28	22.39	22.36		
1.4	QPSK	6	0	21.60	21.68	21.56	23	1
1.4	16QAM	1	0	21.65	21.70	21.58		
1.4	16QAM	1	3	21.47	21.67	21.60		
1.4	16QAM	1	5	21.67	21.66	21.60	23	1
1.4	16QAM	3	0	21.62	21.72	21.56		
1.4	16QAM	3	1	21.54	21.67	21.64		
1.4	16QAM	3	3	21.55	21.67	21.53		
1.4	16QAM	6	0	20.64	20.72	20.68	22	2
1.4	64QAM	1	0	20.55	20.63	20.54		
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.57	20.63	20.59	22	2
1.4	64QAM	3	0	20.70	20.72	20.74		
1.4	64QAM	3	1	20.60	20.66	20.60		
1.4	64QAM	3	3	20.61	20.64	20.64		
1.4	64QAM	6	0	19.56	19.69	19.66	21	3
1.4	256QAM	1	0	17.54	17.55	17.51		
1.4	256QAM	1	3	17.50	17.48	17.43		
1.4	256QAM	1	5	17.49	17.51	17.54	19	5
1.4	256QAM	3	0	17.53	17.52	17.59		
1.4	256QAM	3	1	17.45	17.43	17.42		
1.4	256QAM	3	3	17.57	17.55	17.51		
1.4	256QAM	6	0	17.48	17.42	17.47	19	5

Band 5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.99	23.12	23.07	24	0
10	QPSK	1	25	22.98	23.07	23.02		
10	QPSK	1	49	22.91	23.02	22.99		
10	QPSK	25	0	21.99	22.05	21.91		
10	QPSK	25	12	21.94	21.99	21.90	23	1
10	QPSK	25	25	21.84	21.94	21.80		
10	QPSK	50	0	21.96	22.04	21.96		
10	16QAM	1	0	22.12	22.20	22.14		
10	16QAM	1	25	22.09	22.16	22.05	23	1
10	16QAM	1	49	21.97	22.11	21.96		
10	16QAM	25	0	21.04	21.12	21.09		
10	16QAM	25	12	20.96	21.04	20.90	22	2
10	16QAM	25	25	20.90	21.02	20.98		
10	16QAM	50	0	21.02	21.10	21.00		
10	64QAM

Band 12 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.70	22.77	22.73	24	0
10	QPSK	1	25	22.64	22.68	22.59		
10	QPSK	1	49	22.51	22.63	22.56		
10	QPSK	25	0	21.56	21.66	21.52	23	1
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.52	21.60	21.50		
10	QPSK	50	0	21.56	21.68	21.57		
10	16QAM	1	0	21.52	21.66	21.61	23	1
10	16QAM	1	25	21.47	21.53	21.48		
10	16QAM	1	49	21.48	21.57	21.51		
10	16QAM	25	0	20.50	20.59	20.47	22	2
10	16QAM	25	12	20.39	20.51	20.44		
10	16QAM	25	25	20.51	20.57	20.51		
10	16QAM	50	0	20.50	20.54	20.51		
10	64QAM	1	0	20.59	20.69	20.55	22	2
10	64QAM	1	25	20.53	20.57	20.44		
10	64QAM	1	49	20.51	20.60	20.49		
10	64QAM	25	0	19.54	19.58	19.47	21	3
10	64QAM	25	12	19.41	19.52	19.44		
10	64QAM	25	25	19.54	19.58	19.53		
10	64QAM	50	0	19.38	19.51	19.45		
10	256QAM	1	0	17.77	17.85	17.79	19	5
10	256QAM	1	25	17.70	17.69	17.67		
10	256QAM	1	49	17.78	17.70	17.74		
10	256QAM	25	0	17.77	17.81	17.74	19	5
10	256QAM	25	12	17.74	17.78	17.75		
10	256QAM	25	25	17.82	17.78	17.74		
10	256QAM	50	0	17.67	17.76	17.72		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.59	22.71	22.67	24	0
5	QPSK	1	12	22.54	22.60	22.45		
5	QPSK	1	24	22.48	22.53	22.50		
5	QPSK	12	0	21.46	21.62	21.48	23	1
5	QPSK	12	7	21.47	21.57	21.44		
5	QPSK	12	13	21.44	21.48	21.47		
5	QPSK	25	0	21.42	21.54	21.52		
5	16QAM	1	0	21.41	21.58	21.46	23	1
5	16QAM	1	12	21.33	21.41	21.43		
5	16QAM	1	24	21.34	21.49	21.43		
5	16QAM	12	0	20.41	20.46	20.43	22	2
5	16QAM	12	7	20.33	20.43	20.34		
5	16QAM	12	13	20.40	20.48	20.37		
5	16QAM	25	0	20.41	20.42	20.37		
5	64QAM	1	0	20.55	20.65	20.50	22	2
5	64QAM	1	12	20.49	20.46	20.30		
5	64QAM	1	24	20.45	20.57	20.38		
5	64QAM	12	0	19.43	19.52	19.37	21	3
5	64QAM	12	7	19.32	19.37	19.40		
5	64QAM	12	13	19.49	19.49	19.44		
5	64QAM	25	0	19.33	19.38	19.40		
5	256QAM	1	0	17.84	17.82	17.87	19	5
5	256QAM	1	12	17.75	17.76	17.72		
5	256QAM	1	24	17.79	17.77	17.77		
5	256QAM	12	0	17.78	17.76	17.79	19	5
5	256QAM	12	7	17.75	17.79	17.73		
5	256QAM	12	13	17.72	17.71	17.74		
5	256QAM	25	0	17.75	17.73	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.70	22.63	24	0
3	QPSK	1	8	22.53	22.60	22.52		
3	QPSK	1	14	22.40	22.52	22.48		
3	QPSK	8	0	21.52	21.55	21.47	23	1
3	QPSK	8	4	21.50	21.59	21.44		
3	QPSK	8	7	21.45	21.55	21.44		
3	QPSK	15	0	21.45	21.55	21.43		
3	16QAM	1	0	21.39	21.63	21.51	23	1
3	16QAM	1	8	21.43	21.39	21.41		
3	16QAM	1	14	21.42	21.50	21.42		
3	16QAM	8	0	20.42	20.46	20.39	22	2
3	16QAM	8	4	20.34	20.40	20.38		
3	16QAM	8	7	20.38	20.53	20.45		
3	16QAM	15	0	20.46	20.44	20.41		
3	64QAM	1	0	20.50	20.55	20.43	22	2
3	64QAM	1	8	20.43	20.48	20.32		
3	64QAM	1	14	20.36	20.48	20.42		
3	64QAM	8	0	19.40	19.47	19.32	21	3
3	64QAM	8	4	19.29	19.45	19.30		
3	64QAM	8	7	19.50	19.50	19.50		
3	64QAM	15	0	19.29	19.38	19.41		
3	256QAM	1	0	17.85	17.85	17.83	19	5
3	256QAM	1	8	17.70	17.75	17.72		
3	256QAM	1	14	17.78	17.81	17.70		
3	256QAM	8	0	17.81	17.76	17.82	19	5
3	256QAM	8	4	17.71	17.72	17.76		
3	256QAM	8	7	17.79	17.82	17.83		
3	256QAM	15	0	17.69	17.71	17.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.67	22.67	24	0
1.4	QPSK	1	3	22.60	22.62	22.50		
1.4	QPSK	1	5	22.38	22.57	22.43		
1.4	QPSK	3	0	22.51	22.61	22.42		
1.4	QPSK	3	1	22.48	22.54	22.44		
1.4	QPSK	3	3	22.40	22.51	22.45		
1.4	QPSK	6	0	21.47	21.57	21.45	23	1
1.4	16QAM	1	0	21.46	21.63	21.57	23	1
1.4	16QAM	1	3	21.37	21.43	21.38		
1.4	16QAM	1	5	21.38	21.47	21.37		
1.4	16QAM	3	0	21.43	21.49	21.34		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.40	21.53	21.39		
1.4	16QAM	6	0	20.40	20.43	20.40	22	2
1.4	64QAM	1	0	20.48	20.65	20.51	22	2
1.4	64QAM	1	3	20.46	20.51	20.39		
1.4	64QAM	1	5	20.39	20.54	20.43		
1.4	64QAM	3	0	20.45	20.46	20.35		
1.4	64QAM	3	1	20.37	20.39	20.36		
1.4	64QAM	3	3	20.46	20.55	20.40		
1.4	64QAM	6	0	19.27	19.47	19.33	21	3
1.4	256QAM	1	0	17.85	17.96	17.87	19	5
1.4	256QAM	1	3	17.68	17.73	17.70		
1.4	256QAM	1	5	17.78	17.72	17.81		
1.4	256QAM	3	0	17.74	17.77	17.74		
1.4	256QAM	3	1	17.74	17.68	17.73		
1.4	256QAM	3	3	17.79	17.72	17.77		
1.4	256QAM	6	0	17.76	17.69	17.74	19	5

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.89		24	0
10	QPSK	1	25		22.73			
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.70		23	1
10	QPSK	25	12		21.65			
10	QPSK	25	25		21.62			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.67		23	1
10	16QAM	1	25		21.59			
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.56		22	2
10	16QAM	25	12		20.49			
10	16QAM	25	25		20.42			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.69		22	2
10	64QAM	1	25		20.64			
10	64QAM	1	49		20.52			
10	64QAM	25	0		19.52		21	3
10	64QAM	25	12		19.53			
10	64QAM	25	25		19.41			
10	64QAM	50	0		19.50			
10	256QAM	1	0		17.90		19	5
10	256QAM	1	25		17.87			
10	256QAM	1	49		17.82			
10	256QAM	25	0		17.92		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.77			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.74	22.70	24	0
5	QPSK	1	12	22.65	22.59	22.61		
5	QPSK	1	24	22.48	22.62	22.50		
5	QPSK	12	0	21.49	21.59	21.50	23	1
5	QPSK	12	7	21.38	21.58	21.52		
5	QPSK	12	13	21.48	21.58	21.46		
5	QPSK	25	0	21.47	21.54	21.47		
5	16QAM	1	0	21.47	21.62	21.41	23	1
5	16QAM	1	12	21.42	21.50	21.32		
5	16QAM	1	24	21.42	21.47	21.34		
5	16QAM	12	0	20.34	20.44	20.41	22	2
5	16QAM	12	7	20.37	20.44	20.26		
5	16QAM	12	13	20.21	20.28	20.26		
5	16QAM	25	0	20.40	20.51	20.36		
5	64QAM	1	0	20.44	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.50	20.47		
5	64QAM	1	24	20.33	20.44	20.40		
5	64QAM	12	0	19.33	19.46	19.31	21	3
5	64QAM	12	7	19.34	19.48	19.34		
5	64QAM	12	13	19.24	19.27	19.26		
5	64QAM	25	0	19.28	19.38	19.35		
5	256QAM	1	0	17.90	17.85	17.96	19	5
5	256QAM	1	12	17.86	17.87	17.78		
5	256QAM	1	24	17.85	17.81	17.82		
5	256QAM	12	0	17.88	17.92	17.84	19	5
5	256QAM	12	7	17.78	17.88	17.80		
5	256QAM	12	13	17.89	17.84	17.86		
5	256QAM	25	0	17.85	17.85	17.84		

Band 66 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.33	22.57	22.44	24	0
20	QPSK	1	49	22.37	22.44	22.39		
20	QPSK	1	99	22.29	22.41	22.27		
20	QPSK	50	0	21.60	21.63	21.51	23	1
20	QPSK	50	24	21.56	21.61	21.55		
20	QPSK	50	50	21.44	21.54	21.40		
20	QPSK	100	0	21.47	21.59	21.54		
20	16QAM	1	0	21.50	21.55	21.52	23	1
20	16QAM	1	49	21.22	21.34	21.28		
20	16QAM	1	99	21.27	21.40	21.29		
20	16QAM	50	0	20.48	20.55	20.41	22	2
20	16QAM	50	24	20.49	20.54	20.41		
20	16QAM	50	50	20.43	20.47	20.44		
20	16QAM	100	0	20.51	20.56	20.45		
20	64QAM	1	0	20.47	20.57	20.46	22	2
20	64QAM	1	49	20.26	20.37	20.24		
20	64QAM	1	99	20.38	20.48	20.43		
20	64QAM	50	0	19.55	19.63	19.49	21	3
20	64QAM	50	24	19.50	19.62	19.57		
20	64QAM	50	50	19.46	19.52	19.49		
20	64QAM	100	0	19.49	19.58	19.44		
20	256QAM	1	0	17.62	17.58	17.55	19	5
20	256QAM	1	49	17.45	17.47	17.49		
20	256QAM	1	99	17.56	17.58	17.57		
20	256QAM	50	0	17.55	17.53	17.61	19	5
20	256QAM	50	24	17.59	17.53	17.47		
20	256QAM	50	50	17.57	17.56	17.51		
20	256QAM	100	0	17.54	17.53	17.51		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.53	22.38	24	0
15	QPSK	1	37	22.28	22.33	22.33		
15	QPSK	1	74	22.26	22.30	22.29		
15	QPSK	36	0	21.49	21.56	21.46	23	1
15	QPSK	36	20	21.45	21.47	21.48		
15	QPSK	36	39	21.30	21.44	21.33		
15	QPSK	75	0	21.42	21.55	21.45		
15	16QAM	1	0	21.44	21.50	21.40	23	1
15	16QAM	1	37	21.36	21.30	21.23		
15	16QAM	1	74	21.26	21.29	21.21		
15	16QAM	36	0	20.35	20.50	20.26	22	2
15	16QAM	36	20	20.39	20.48	20.27		
15	16QAM	36	39	20.28	20.39	20.39		
15	16QAM	75	0	20.37	20.46	20.38		
15	64QAM	1	0	20.32	20.52	20.40	22	2
15	64QAM	1	37	20.25	20.29	20.29		
15	64QAM	1	74	20.28	20.44	20.35		
15	64QAM	36	0	19.46	19.57	19.41	21	3
15	64QAM	36	20	19.46	19.54	19.53		
15	64QAM	36	39	19.35	19.47	19.35		
15	64QAM	75	0	19.43	19.49	19.40		
15	256QAM	1	0	17.66	17.57	17.62	19	5
15	256QAM	1	37	17.50	17.46	17.56		
15	256QAM	1	74	17.57	17.53	17.60		
15	256QAM	36	0	17.63	17.53	17.65	19	5
15	256QAM	36	20	17.59	17.47	17.51		
15	256QAM	36	39	17.61	17.63	17.59		
15	256QAM	75	0	17.51	17.45	17.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.28	22.48	22.40	24	0
10	QPSK	1	25	22.29	22.38	22.26		
10	QPSK	1	49	22.26	22.28	22.24		
10	QPSK	25	0	21.49	21.56	21.39	23	1
10	QPSK	25	12	21.49	21.53	21.47		
10	QPSK	25	25	21.31	21.49	21.32		
10	QPSK	50	0	21.36	21.52	21.46		
10	16QAM	1	0	21.39	21.45	21.45	23	1
10	16QAM	1	25	21.26	21.29	21.31		
10	16QAM	1	49	21.23	21.34	21.25		
10	16QAM	25	0	20.44	20.43	20.38	22	2
10	16QAM	25	12	20.35	20.42	20.30		
10	16QAM	25	25	20.39	20.35	20.37		
10	16QAM	50	0	20.37	20.45	20.35		
10	64QAM	1	0	20.37	20.54	20.41	22	2
10	64QAM	1	25	20.23	20.22	20.27		
10	64QAM	1	49	20.33	20.39	20.39		
10	64QAM	25	0	19.51	19.55	19.46	21	3
10	64QAM	25	12	19.40	19.55	19.47		
10	64QAM	25	25	19.40	19.46	19.34		
10	64QAM	50	0	19.46	19.52	19.34		
10	256QAM	1	0	17.59	17.64	17.64	19	5
10	256QAM	1	25	17.54	17.55	17.49		
10	256QAM	1	49	17.59	17.51	17.60		
10	256QAM	25	0	17.60	17.65	17.63	19	5
10	256QAM	25	12	17.52	17.53	17.50		
10	256QAM	25	25	17.61	17.58	17.55		
10	256QAM	50	0	17.49	17.47	17.48		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1745	1777.5		
5	QPSK	1	0	22.28	22.50	22.37	24	0
5	QPSK	1	12	22.30	22.40	22.33		
5	QPSK	1	24	22.29	22.38	22.24		
5	QPSK	12	0	21.55	21.53	21.37	23	1
5	QPSK	12	7	21.45	21.49	21.45		
5	QPSK	12	13	21.37	21.45	21.30		
5	QPSK	25	0	21.42	21.49	21.39		
5	16QAM	1	0	21.40	21.49	21.38	23	1
5	16QAM	1	12	21.28	21.21	21.24		
5	16QAM	1	24	21.22	21.25	21.30		
5	16QAM	12	0	20.34	20.43	20.34	22	2
5	16QAM	12	7	20.44	20.48	20.37		
5	16QAM	12	13	20.36	20.42	20.37		
5	16QAM	25	0	20.47	20.48	20.33		
5	64QAM	1	0	20.33	20.50	20.41	22	2
5	64QAM	1	12	20.36	20.34	20.23		
5	64QAM	1	24	20.32	20.34	20.33		
5	64QAM	12	0	19.51	19.48	19.43	21	3
5	64QAM	12	7	19.44	19.56	19.48		
5	64QAM	12	13	19.43	19.46	19.39		
5	64QAM	25	0	19.37	19.47	19.31		
5	256QAM	1	0	17.57	17.65	17.57	19	5
5	256QAM	1	12	17.51	17.47	17.48		
5	256QAM	1	24	17.56	17.54	17.50		
5	256QAM	12	0	17.58	17.63	17.63	19	5
5	256QAM	12	7	17.54	17.58	17.51		
5	256QAM	12	13	17.57	17.55	17.58		
5	256QAM	25	0	17.51	17.49	17.50		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.24	22.43	22.32	24	0
3	QPSK	1	8	22.28	22.38	22.34		
3	QPSK	1	14	22.24	22.35	22.27		
3	QPSK	8	0	21.53	21.57	21.46	23	1
3	QPSK	8	4	21.44	21.50	21.43		
3	QPSK	8	7	21.31	21.49	21.26		
3	QPSK	15	0	21.34	21.44	21.42		
3	16QAM	1	0	21.40	21.48	21.43	23	1
3	16QAM	1	8	21.34	21.29	21.23		
3	16QAM	1	14	21.29	21.36	21.23		
3	16QAM	8	0	20.40	20.43	20.33	22	2
3	16QAM	8	4	20.42	20.46	20.27		
3	16QAM	8	7	20.38	20.35	20.37		
3	16QAM	15	0	20.48	20.49	20.33		
3	64QAM	1	0	20.33	20.51	20.37	22	2
3	64QAM	1	8	20.22	20.32	20.23		
3	64QAM	1	14	20.28	20.38	20.39		
3	64QAM	8	0	19.40	19.51	19.46	21	3
3	64QAM	8	4	19.47	19.52	19.49		
3	64QAM	8	7	19.39	19.43	19.39		
3	64QAM	15	0	19.37	19.47	19.39		
3	256QAM	1	0	17.55	17.56	17.57	19	5
3	256QAM	1	8	17.49	17.46	17.47		
3	256QAM	1	14	17.52	17.61	17.60		
3	256QAM	8	0	17.61	17.57	17.65	19	5
3	256QAM	8	4	17.53	17.58	17.53		
3	256QAM	8	7	17.56	17.62	17.63		
3	256QAM	15	0	17.52	17.47	17.46		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.45	22.33	24	0
1.4	QPSK	1	3	22.22	22.40	22.34		
1.4	QPSK	1	5	22.24	22.31	22.29		
1.4	QPSK	3	0	22.51	22.49	22.38		
1.4	QPSK	3	1	22.49	22.50	22.48		
1.4	QPSK	3	3	22.31	22.45	22.30		
1.4	QPSK	6	0	21.35	21.44	21.43	23	1
1.4	16QAM	1	0	21.41	21.43	21.42	23	1
1.4	16QAM	1	3	21.22	21.22	21.23		
1.4	16QAM	1	5	21.22	21.30	21.30		
1.4	16QAM	3	0	21.34	21.50	21.28		
1.4	16QAM	3	1	21.36	21.45	21.27		
1.4	16QAM	3	3	21.33	21.33	21.33		
1.4	16QAM	6	0	20.38	20.53	20.33	22	2
1.4	64QAM	1	0	20.37	20.43	20.34	22	2
1.4	64QAM	1	3	20.23	20.34	20.24		
1.4	64QAM	1	5	20.26	20.34	20.38		
1.4	64QAM	3	0	20.51	20.48	20.35		
1.4	64QAM	3	1	20.43	20.48	20.44		
1.4	64QAM	3	3	20.39	20.38	20.43		
1.4	64QAM	6	0	19.46	19.51	19.35	21	3
1.4	256QAM	1	0	17.59	17.60	17.65	19	5
1.4	256QAM	1	3	17.55	17.49	17.57		
1.4	256QAM	1	5	17.52	17.58	17.56		
1.4	256QAM	3	0	17.55	17.58	17.53		
1.4	256QAM	3	1	17.52	17.48	17.50		
1.4	256QAM	3	3	17.56	17.55	17.59		
1.4	256QAM	6	0	17.55	17.48	17.54	19	5

Band 2 Ant1 Default

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	22.12	22.32	22.25	24	0
20	QPSK	1	49	22.16	22.20	22.14		
20	QPSK	1	99	22.13	22.25	22.21		
20	QPSK	50	0	21.53	21.57	21.43	23	1
20	QPSK	50	24	21.40	21.53	21.39		
20	QPSK	50	50	21.51	21.56	21.42		
20	QPSK	100	0	21.56	21.61	21.52		
20	16QAM	1	0	21.40	21.51	21.47	23	1
20	16QAM	1	49	21.38	21.44	21.31		
20	16QAM	1	99	21.39	21.50	21.43		
20	16QAM	50	0	20.50	20.55	20.47	22	2
20	16QAM	50	24	20.43	20.50	20.36		
20	16QAM	50	50	20.47	20.56	20.51		
20	16QAM	100	0	20.63	20.66	20.52		
20	64QAM	1	0	20.49	20.52	20.39	22	2
20	64QAM	1	49	20.37	20.41	20.36		
20	64QAM	1	99	20.42	20.48	20.37		
20	64QAM	50	0	19.50	19.53	19.41	21	3
20	64QAM	50	24	19.39	19.54	19.46		
20	64QAM	50	50	19.49	19.60	19.53		
20	64QAM	100	0	19.58	19.62	19.59		
20	256QAM	1	0	17.46	17.47	17.45	19	5
20	256QAM	1	49	17.30	17.33	17.27		
20	256QAM	1	99	17.33	17.39	17.40		
20	256QAM	50	0	17.41	17.44	17.44	19	5
20	256QAM	50	24	17.31	17.32	17.31		
20	256QAM	50	50	17.33	17.32	17.40		
20	256QAM	100	0	17.36	17.37	17.33		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.08	22.26	22.20	24	0
15	QPSK	1	37	22.12	22.13	22.08		
15	QPSK	1	74	22.08	22.18	22.12		
15	QPSK	36	0	21.46	21.47	21.35	23	1
15	QPSK	36	20	21.25	21.41	21.26		
15	QPSK	36	39	21.39	21.45	21.36		
15	QPSK	75	0	21.51	21.47	21.46		
15	16QAM	1	0	21.26	21.47	21.36	23	1
15	16QAM	1	37	21.32	21.40	21.27		
15	16QAM	1	74	21.27	21.46	21.38		
15	16QAM	36	0	20.36	20.44	20.35	22	2
15	16QAM	36	20	20.30	20.36	20.30		
15	16QAM	36	39	20.41	20.49	20.47		
15	16QAM	75	0	20.55	20.52	20.46		
15	64QAM	1	0	20.37	20.38	20.30	22	2
15	64QAM	1	37	20.30	20.34	20.29		
15	64QAM	1	74	20.28	20.36	20.25		
15	64QAM	36	0	19.36	19.48	19.30	21	3
15	64QAM	36	20	19.34	19.46	19.38		
15	64QAM	36	39	19.38	19.51	19.43		
15	64QAM	75	0	19.54	19.59	19.45		
15	256QAM	1	0	17.46	17.45	17.45	19	5
15	256QAM	1	37	17.36	17.34	17.29		
15	256QAM	1	74	17.32	17.40	17.31		
15	256QAM	36	0	17.34	17.39	17.44	19	5
15	256QAM	36	20	17.30	17.33	17.28		
15	256QAM	36	39	17.38	17.38	17.40		
15	256QAM	75	0	17.27	17.32	17.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.09	22.25	22.18	24	0
10	QPSK	1	25	22.07	22.09	22.08		
10	QPSK	1	49	22.02	22.15	22.09		
10	QPSK	25	0	21.39	21.43	21.34	23	1
10	QPSK	25	12	21.29	21.49	21.29		
10	QPSK	25	25	21.44	21.50	21.38		
10	QPSK	50	0	21.50	21.48	21.43		
10	16QAM	1	0	21.28	21.37	21.44	23	1
10	16QAM	1	25	21.33	21.33	21.21		
10	16QAM	1	49	21.29	21.47	21.32		
10	16QAM	25	0	20.40	20.43	20.44	22	2
10	16QAM	25	12	20.33	20.42	20.33		
10	16QAM	25	25	20.39	20.47	20.36		
10	16QAM	50	0	20.58	20.54	20.45		
10	64QAM	1	0	20.44	20.43	20.25	22	2
10	64QAM	1	25	20.23	20.36	20.32		
10	64QAM	1	49	20.31	20.45	20.28		
10	64QAM	25	0	19.47	19.40	19.26	21	3
10	64QAM	25	12	19.34	19.48	19.35		
10	64QAM	25	25	19.40	19.51	19.44		
10	64QAM	50	0	19.45	19.53	19.47		
10	256QAM	1	0	17.35	17.39	17.43	19	5
10	256QAM	1	25	17.37	17.25	17.27		
10	256QAM	1	49	17.35	17.37	17.35		
10	256QAM	25	0	17.35	17.35	17.35	19	5
10	256QAM	25	12	17.28	17.29	17.32		
10	256QAM	25	25	17.34	17.37	17.32		
10	256QAM	50	0	17.34	17.29	17.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.06	22.21	22.12	24	0
5	QPSK	1	12	22.01	22.13	22.02		
5	QPSK	1	24	22.06	22.11	22.09		
5	QPSK	12	0	21.43	21.53	21.36	23	1
5	QPSK	12	7	21.36	21.41	21.34		
5	QPSK	12	13	21.40	21.50	21.39		
5	QPSK	25	0	21.50	21.58	21.47		
5	16QAM	1	0	21.25	21.36	21.37	23	1
5	16QAM	1	12	21.25	21.38	21.16		
5	16QAM	1	24	21.33	21.45	21.32		
5	16QAM	12	0	20.42	20.46	20.43	22	2
5	16QAM	12	7	20.35	20.38	20.27		
5	16QAM	12	13	20.36	20.46	20.44		
5	16QAM	25	0	20.57	20.63	20.39		
5	64QAM	1	0	20.39	20.44	20.31	22	2
5	64QAM	1	12	20.30	20.37	20.32		
5	64QAM	1	24	20.32	20.36	20.31		
5	64QAM	12	0	19.36	19.49	19.29	21	3
5	64QAM	12	7	19.25	19.41	19.35		
5	64QAM	12	13	19.41	19.46	19.41		
5	64QAM	25	0	19.44	19.50	19.55		
5	256QAM	1	0	17.47	17.40	17.41	19	5
5	256QAM	1	12	17.34	17.33	17.36		
5	256QAM	1	24	17.32	17.30	17.33		
5	256QAM	12	0	17.34	17.38	17.43	19	5
5	256QAM	12	7	17.34	17.38	17.37		
5	256QAM	12	13	17.39	17.32	17.38		
5	256QAM	25	0	17.34	17.28	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.07	22.20	22.11	24	0
3	QPSK	1	8	22.06	22.07	22.01		
3	QPSK	1	14	22.06	22.15	22.11		
3	QPSK	8	0	21.45	21.53	21.33	23	1
3	QPSK	8	4	21.29	21.39	21.32		
3	QPSK	8	7	21.43	21.46	21.34		
3	QPSK	15	0	21.44	21.55	21.39		
3	16QAM	1	0	21.31	21.42	21.33	23	1
3	16QAM	1	8	21.24	21.33	21.27		
3	16QAM	1	14	21.25	21.39	21.37		
3	16QAM	8	0	20.39	20.52	20.37	22	2
3	16QAM	8	4	20.29	20.40	20.23		
3	16QAM	8	7	20.39	20.51	20.39		
3	16QAM	15	0	20.51	20.61	20.38		
3	64QAM	1	0	20.35	20.45	20.28	22	2
3	64QAM	1	8	20.34	20.28	20.33		
3	64QAM	1	14	20.35	20.39	20.33		
3	64QAM	8	0	19.45	19.50	19.35	21	3
3	64QAM	8	4	19.32	19.47	19.40		
3	64QAM	8	7	19.39	19.54	19.49		
3	64QAM	15	0	19.44	19.56	19.49		
3	256QAM	1	0	17.43	17.38	17.39	19	5
3	256QAM	1	8	17.36	17.33	17.26		
3	256QAM	1	14	17.35	17.38	17.35		
3	256QAM	8	0	17.43	17.40	17.38	19	5
3	256QAM	8	4	17.34	17.29	17.30		
3	256QAM	8	7	17.31	17.35	17.32		
3	256QAM	15	0	17.36	17.26	17.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.09	22.22	22.21	24	0
1.4	QPSK	1	3	22.02	22.16	22.06		
1.4	QPSK	1	5	22.03	22.17	22.14		
1.4	QPSK	3	0	22.27	22.22	22.18		
1.4	QPSK	3	1	22.13	22.24	22.05		
1.4	QPSK	3	3	22.18	22.29	22.18		
1.4	QPSK	6	0	21.52	21.51	21.49	23	1
1.4	16QAM	1	0	21.34	21.44	21.44	23	1
1.4	16QAM	1	3	21.24	21.37	21.20		
1.4	16QAM	1	5	21.25	21.45	21.29		
1.4	16QAM	3	0	21.39	21.41	21.38		
1.4	16QAM	3	1	21.39	21.39	21.33		
1.4	16QAM	3	3	21.43	21.44	21.43		
1.4	16QAM	6	0	20.49	20.62	20.41	22	2
1.4	64QAM	1	0	20.43	20.43	20.25	22	2
1.4	64QAM	1	3	20.30	20.36	20.30		
1.4	64QAM	1	5	20.37	20.42	20.30		
1.4	64QAM	3	0	20.44	20.42	20.37		
1.4	64QAM	3	1	20.34	20.47	20.37		
1.4	64QAM	3	3	20.40	20.48	20.42		
1.4	64QAM	6	0	19.48	19.58	19.55	21	3
1.4	256QAM	1	0	17.37	17.36	17.42	19	5
1.4	256QAM	1	3	17.33	17.35	17.30		
1.4	256QAM	1	5	17.37	17.42	17.36		
1.4	256QAM	3	0	17.40	17.39	17.34		
1.4	256QAM	3	1	17.34	17.35	17.30		
1.4	256QAM	3	3	17.36	17.35	17.35		
1.4	256QAM	6	0	17.27	17.27	17.36	19	5

Band 4 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.10	22.19	22.13	24	0
20	QPSK	1	49	22.03	22.11	22.09		
20	QPSK	1	99	22.14	22.16	22.07		
20	QPSK	50	0	21.21	21.34	21.33	23	1
20	QPSK	50	24	21.18	21.28	21.27		
20	QPSK	50	50	21.18	21.32	21.23		
20	QPSK	100	0	21.20	21.30	21.28		
20	16QAM	1	0	21.28	21.36	21.23	23	1
20	16QAM	1	49	21.20	21.24	21.13		
20	16QAM	1	99	21.18	21.32	21.18		
20	16QAM	50	0	20.13	20.25	20.16	22	2
20	16QAM	50	24	20.19	20.21	20.08		
20	16QAM	50	50	20.21	20.30	20.27		
20	16QAM	100	0	20.21	20.33	20.21		
20	64QAM	1	0	20.26	20.29	20.23	22	2
20	64QAM	1	49	20.23	20.32	20.28		
20	64QAM	1	99	20.17	20.25	20.21		
20	64QAM	50	0	19.08	19.22	19.08	21	3
20	64QAM	50	24	19.16	19.26	19.19		
20	64QAM	50	50	19.17	19.28	19.28		
20	64QAM	100	0	19.25	19.31	19.18		
20	256QAM	1	0	17.21	17.21	17.23	19	5
20	256QAM	1	49	17.09	17.13	17.14		
20	256QAM	1	99	17.14	17.17	17.11		
20	256QAM	50	0	17.19	17.17	17.22	19	5
20	256QAM	50	24	17.14	17.16	17.12		
20	256QAM	50	50	17.16	17.20	17.19		
20	256QAM	100	0	17.08	17.07	17.11		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.09	22.15	22.02	24	0
15	QPSK	1	37	22.10	22.09	22.06		
15	QPSK	1	74	22.06	22.16	22.02		
15	QPSK	36	0	21.10	21.32	21.33	23	1
15	QPSK	36	20	21.17	21.26	21.20		
15	QPSK	36	39	21.05	21.18	21.19		
15	QPSK	75	0	21.19	21.27	21.13		
15	16QAM	1	0	21.23	21.32	21.10	23	1
15	16QAM	1	37	21.17	21.15	21.07		
15	16QAM	1	74	21.10	21.21	21.13		
15	16QAM	36	0	20.04	20.20	20.09	22	2
15	16QAM	36	20	20.11	20.19	20.04		
15	16QAM	36	39	20.07	20.23	20.23		
15	16QAM	75	0	20.07	20.30	20.13		
15	64QAM	1	0	20.16	20.20	20.18	22	2
15	64QAM	1	37	20.15	20.31	20.26		
15	64QAM	1	74	20.05	20.11	20.13		
15	64QAM	36	0	19.03	19.20	19.04	21	3
15	64QAM	36	20	19.15	19.11	19.08		
15	64QAM	36	39	19.10	19.15	19.17		
15	64QAM	75	0	19.22	19.17	19.03		
15	256QAM	1	0	17.26	17.18	17.16	19	5
15	256QAM	1	37	17.16	17.11	17.08		
15	256QAM	1	74	17.20	17.20	17.17		
15	256QAM	36	0	17.21	17.15	17.13	19	5
15	256QAM	36	20	17.11	17.13	17.12		
15	256QAM	36	39	17.12	17.16	17.20		
15	256QAM	75	0	17.08	17.06	17.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.05	22.12	22.11	24	0
10	QPSK	1	25	22.08	22.10	22.03		
10	QPSK	1	49	22.13	22.11	22.03		
10	QPSK	25	0	21.17	21.20	21.28	23	1
10	QPSK	25	12	21.06	21.24	21.17		
10	QPSK	25	25	21.07	21.22	21.18		
10	QPSK	50	0	21.11	21.27	21.22		
10	16QAM	1	0	21.14	21.27	21.14	23	1
10	16QAM	1	25	21.17	21.16	21.04		
10	16QAM	1	49	21.14	21.21	21.15		
10	16QAM	25	0	20.05	20.14	20.16	22	2
10	16QAM	25	12	20.17	20.10	20.05		
10	16QAM	25	25	20.08	20.19	20.25		
10	16QAM	50	0	20.10	20.25	20.15		
10	64QAM	1	0	20.15	20.26	20.13	22	2
10	64QAM	1	25	20.13	20.20	20.15		
10	64QAM	1	49	20.10	20.23	20.21		
10	64QAM	25	0	19.03	19.15	19.07	21	3
10	64QAM	25	12	19.09	19.24	19.14		
10	64QAM	25	25	19.04	19.24	19.27		
10	64QAM	50	0	19.14	19.21	19.10		
10	256QAM	1	0	17.20	17.22	17.24	19	5
10	256QAM	1	25	17.12	17.12	17.09		
10	256QAM	1	49	17.19	17.11	17.19		
10	256QAM	25	0	17.20	17.18	17.14	19	5
10	256QAM	25	12	17.09	17.17	17.12		
10	256QAM	25	25	17.11	17.17	17.12		
10	256QAM	50	0	17.05	17.11	17.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.02	22.17	22.02	24	0
5	QPSK	1	12	22.05	22.06	22.06		
5	QPSK	1	24	22.10	22.03	22.05		
5	QPSK	12	0	21.09	21.32	21.22	23	1
5	QPSK	12	7	21.14	21.16	21.19		
5	QPSK	12	13	21.13	21.23	21.19		
5	QPSK	25	0	21.16	21.16	21.24		
5	16QAM	1	0	21.18	21.33	21.22	23	1
5	16QAM	1	12	21.05	21.16	21.05		
5	16QAM	1	24	21.18	21.31	21.07		
5	16QAM	12	0	20.12	20.21	20.14	22	2
5	16QAM	12	7	20.11	20.07	20.03		
5	16QAM	12	13	20.16	20.24	20.21		
5	16QAM	25	0	20.20	20.25	20.17		
5	64QAM	1	0	20.20	20.15	20.12	22	2
5	64QAM	1	12	20.09	20.23	20.15		
5	64QAM	1	24	20.16	20.10	20.12		
5	64QAM	12	0	19.03	19.20	19.11	21	3
5	64QAM	12	7	19.16	19.24	19.08		
5	64QAM	12	13	19.15	19.23	19.24		
5	64QAM	25	0	19.20	19.19	19.15		
5	256QAM	1	0	17.17	17.18	17.18	19	5
5	256QAM	1	12	17.16	17.07	17.07		
5	256QAM	1	24	17.20	17.17	17.19		
5	256QAM	12	0	17.16	17.16	17.18	19	5
5	256QAM	12	7	17.12	17.12	17.18		
5	256QAM	12	13	17.17	17.15	17.20		
5	256QAM	25	0	17.07	17.07	17.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.07	22.16	22.11	24	0
3	QPSK	1	8	22.01	22.06	22.01		
3	QPSK	1	14	22.05	22.02	22.09		
3	QPSK	8	0	21.12	21.33	21.23	23	1
3	QPSK	8	4	21.10	21.22	21.15		
3	QPSK	8	7	21.14	21.29	21.19		
3	QPSK	15	0	21.11	21.27	21.21		
3	16QAM	1	0	21.26	21.31	21.22	23	1
3	16QAM	1	8	21.05	21.13	21.12		
3	16QAM	1	14	21.18	21.24	21.05		
3	16QAM	8	0	20.01	20.10	20.13	22	2
3	16QAM	8	4	20.15	20.13	20.05		
3	16QAM	8	7	20.15	20.16	20.24		
3	16QAM	15	0	20.13	20.18	20.12		
3	64QAM	1	0	20.13	20.25	20.21	22	2
3	64QAM	1	8	20.10	20.29	20.19		
3	64QAM	1	14	20.12	20.14	20.17		
3	64QAM	8	0	19.03	19.17	19.01	21	3
3	64QAM	8	4	19.12	19.24	19.08		
3	64QAM	8	7	19.13	19.22	19.22		
3	64QAM	15	0	19.11	19.23	19.11		
3	256QAM	1	0	17.22	17.24	17.24	19	5
3	256QAM	1	8	17.11	17.11	17.15		
3	256QAM	1	14	17.21	17.18	17.14		
3	256QAM	8	0	17.16	17.13	17.16	19	5
3	256QAM	8	4	17.17	17.10	17.08		
3	256QAM	8	7	17.15	17.16	17.13		
3	256QAM	15	0	17.12	17.13	17.05		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.07	22.16	22.04	24	0
1.4	QPSK	1	3	22.06	22.03	22.12		
1.4	QPSK	1	5	22.09	22.05	22.08		
1.4	QPSK	3	0	22.17	22.10	22.15		
1.4	QPSK	3	1	22.06	22.08	22.08		
1.4	QPSK	3	3	22.08	22.16	22.07		
1.4	QPSK	6	0	21.15	21.16	21.20	23	1
1.4	16QAM	1	0	21.15	21.28	21.21	23	1
1.4	16QAM	1	3	21.07	21.22	21.06		
1.4	16QAM	1	5	21.11	21.31	21.11		
1.4	16QAM	3	0	21.06	21.11	21.08		
1.4	16QAM	3	1	21.05	21.17	21.16		
1.4	16QAM	3	3	21.12	21.25	21.15		
1.4	16QAM	6	0	20.15	20.19	20.17	22	2
1.4	64QAM	1	0	20.17	20.18	20.19	22	2
1.4	64QAM	1	3	20.16	20.19	20.19		
1.4	64QAM	1	5	20.03	20.13	20.10		
1.4	64QAM	3	0	20.03	20.11	20.03		
1.4	64QAM	3	1	20.05	20.22	20.11		
1.4	64QAM	3	3	20.11	20.15	20.19		
1.4	64QAM	6	0	19.12	19.20	19.11	21	3
1.4	256QAM	1	0	17.15	17.21	17.20	19	5
1.4	256QAM	1	3	17.09	17.06	17.06		
1.4	256QAM	1	5	17.14	17.14	17.22		
1.4	256QAM	3	0	17.21	17.23	17.25		
1.4	256QAM	3	1	17.16	17.14	17.10		
1.4	256QAM	3	3	17.15	17.17	17.16		
1.4	256QAM	6	0	17.11	17.10	17.08	19	5

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.69	22.53	24	0
10	QPSK	1	25	22.44	22.51	22.39		
10	QPSK	1	49	22.45	22.56	22.48		
10	QPSK	25	0	21.46	21.52	21.40	23	1
10	QPSK	25	12	21.36	21.48	21.36		
10	QPSK	25	25	21.35	21.46	21.35		
10	QPSK	50	0	21.44	21.50	21.39		
10	16QAM	1	0	21.50	21.64	21.51	23	1
10	16QAM	1	25	21.52	21.56	21.50		
10	16QAM	1	49	21.57	21.61	21.53		
10	16QAM	25	0	20.34	20.49	20.36	22	2
10	16QAM	25	12	20.35	20.44	20.31		
10	16QAM	25	25	20.46	20.53	20.48		
10	16QAM	50	0	20.43	20.49	20.46		
10	64QAM

Band 12 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.91	22.94	22.86	24	0
10	QPSK	1	25	22.80	22.86	22.81		
10	QPSK	1	49	22.78	22.81	22.76		
10	QPSK	25	0	21.71	21.81	21.70	23	1
10	QPSK	25	12	21.73	21.78	21.69		
10	QPSK	25	25	21.64	21.74	21.62		
10	QPSK	50	0	21.73	21.83	21.69		
10	16QAM	1	0	21.82	21.94	21.86	23	1
10	16QAM	1	25	21.75	21.84	21.75		
10	16QAM	1	49	21.69	21.82	21.74		
10	16QAM	25	0	20.70	20.84	20.76	22	2
10	16QAM	25	12	20.67	20.81	20.76		
10	16QAM	25	25	20.59	20.72	20.60		
10	16QAM	50	0	20.77	20.85	20.79		
10	64QAM	1	0	20.86	20.98	20.89	22	2
10	64QAM	1	25	20.74	20.86	20.71		
10	64QAM	1	49	20.64	20.77	20.72		
10	64QAM	25	0	19.77	19.87	19.75	21	3
10	64QAM	25	12	19.73	19.81	19.73		
10	64QAM	25	25	19.61	19.74	19.68		
10	64QAM	50	0	19.81	19.88	19.84		
10	256QAM	1	0	17.99	17.92	17.98	19	5
10	256QAM	1	25	17.84	17.81	17.90		
10	256QAM	1	49	17.95	17.89	17.97		
10	256QAM	25	0	17.97	17.95	17.96	19	5
10	256QAM	25	12	17.87	17.90	17.88		
10	256QAM	25	25	17.91	17.94	17.90		
10	256QAM	50	0	17.85	17.89	17.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.82	22.78	24	0
5	QPSK	1	12	22.72	22.77	22.69		
5	QPSK	1	24	22.65	22.74	22.66		
5	QPSK	12	0	21.58	21.66	21.63	23	1
5	QPSK	12	7	21.66	21.70	21.54		
5	QPSK	12	13	21.56	21.69	21.59		
5	QPSK	25	0	21.62	21.72	21.66		
5	16QAM	1	0	21.77	21.81	21.77	23	1
5	16QAM	1	12	21.67	21.70	21.64		
5	16QAM	1	24	21.55	21.70	21.63		
5	16QAM	12	0	20.56	20.79	20.71	22	2
5	16QAM	12	7	20.56	20.73	20.72		
5	16QAM	12	13	20.52	20.68	20.56		
5	16QAM	25	0	20.69	20.79	20.67		
5	64QAM	1	0	20.80	20.88	20.80	22	2
5	64QAM	1	12	20.62	20.73	20.57		
5	64QAM	1	24	20.50	20.67	20.57		
5	64QAM	12	0	19.63	19.83	19.64	21	3
5	64QAM	12	7	19.64	19.72	19.60		
5	64QAM	12	13	19.54	19.61	19.55		
5	64QAM	25	0	19.77	19.76	19.79		
5	256QAM	1	0	17.90	18.01	17.95	19	5
5	256QAM	1	12	17.90	17.80	17.85		
5	256QAM	1	24	17.92	17.89	17.94		
5	256QAM	12	0	17.98	17.93	17.98	19	5
5	256QAM	12	7	17.91	17.84	17.86		
5	256QAM	12	13	17.95	17.91	17.88		
5	256QAM	25	0	17.89	17.83	17.81		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.84	22.79	24	0
3	QPSK	1	8	22.67	22.79	22.70		
3	QPSK	1	14	22.66	22.68	22.71		
3	QPSK	8	0	21.68	21.68	21.58	23	1
3	QPSK	8	4	21.65	21.68	21.54		
3	QPSK	8	7	21.60	21.66	21.57		
3	QPSK	15	0	21.64	21.77	21.69		
3	16QAM	1	0	21.71	21.90	21.76	23	1
3	16QAM	1	8	21.62	21.78	21.60		
3	16QAM	1	14	21.65	21.69	21.63		
3	16QAM	8	0	20.66	20.79	20.62	22	2
3	16QAM	8	4	20.52	20.75	20.66		
3	16QAM	8	7	20.45	20.64	20.47		
3	16QAM	15	0	20.72	20.71	20.75		
3	64QAM	1	0	20.74	20.92	20.80	22	2
3	64QAM	1	8	20.60	20.80	20.60		
3	64QAM	1	14	20.58	20.74	20.61		
3	64QAM	8	0	19.62	19.77	19.67	21	3
3	64QAM	8	4	19.60	19.68	19.61		
3	64QAM	8	7	19.52	19.63	19.55		
3	64QAM	15	0	19.66	19.77	19.72		
3	256QAM	1	0	17.91	18.02	17.99	19	5
3	256QAM	1	8	17.91	17.85	17.83		
3	256QAM	1	14	17.90	17.85	17.94		
3	256QAM	8	0	18.00	17.89	17.95	19	5
3	256QAM	8	4	17.85	17.90	17.85		
3	256QAM	8	7	17.88	17.93	17.96		
3	256QAM	15	0	17.84	17.81	17.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.85	22.80	22.72	24	0
1.4	QPSK	1	3	22.66	22.77	22.77		
1.4	QPSK	1	5	22.68	22.71	22.65		
1.4	QPSK	3	0	22.67	22.70	22.61		
1.4	QPSK	3	1	22.67	22.67	22.54		
1.4	QPSK	3	3	22.54	22.68	22.54		
1.4	QPSK	6	0	21.59	21.73	21.70	23	1
1.4	16QAM	1	0	21.68	21.88	21.82	23	1
1.4	16QAM	1	3	21.67	21.75	21.67		
1.4	16QAM	1	5	21.59	21.72	21.71		
1.4	16QAM	3	0	21.64	21.70	21.72		
1.4	16QAM	3	1	21.63	21.72	21.69		
1.4	16QAM	3	3	21.54	21.67	21.57		
1.4	16QAM	6	0	20.71	20.81	20.65	22	2
1.4	64QAM	1	0	20.80	20.94	20.78	22	2
1.4	64QAM	1	3	20.63	20.71	20.68		
1.4	64QAM	1	5	20.54	20.69	20.60		
1.4	64QAM	3	0	20.63	20.81	20.70		
1.4	64QAM	3	1	20.70	20.70	20.62		
1.4	64QAM	3	3	20.47	20.69	20.57		
1.4	64QAM	6	0	19.70	19.78	19.77	21	3
1.4	256QAM	1	0	17.93	17.93	17.98	19	5
1.4	256QAM	1	3	17.90	17.90	17.88		
1.4	256QAM	1	5	17.93	17.87	17.96		
1.4	256QAM	3	0	17.95	17.93	17.89		
1.4	256QAM	3	1	17.89	17.88	17.86		
1.4	256QAM	3	3	17.88	17.96	17.95		
1.4	256QAM	6	0	17.86	17.91	17.84	19	5

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.92		24	0
10	QPSK	1	25		22.81			
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.78		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.74			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.88		22	2
10	64QAM	1	25		20.72			
10	64QAM	1	49		20.69			
10	64QAM	25	0		19.70		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.60			
10	256QAM	1	0		18.00		19	5
10	256QAM	1	25		17.88			
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.92			
10	256QAM	25	25		17.98			
10	256QAM	50	0		17.96			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.79	22.79	22.73	24	0
5	QPSK	1	12	22.62	22.67	22.57		
5	QPSK	1	24	22.63	22.73	22.62		
5	QPSK	12	0	21.70	21.70	21.64	23	1
5	QPSK	12	7	21.42	21.48	21.55		
5	QPSK	12	13	21.55	21.67	21.59		
5	QPSK	25	0	21.56	21.56	21.60		
5	16QAM	1	0	21.64	21.71	21.65	23	1
5	16QAM	1	12	21.64	21.68	21.59		
5	16QAM	1	24	21.57	21.61	21.48		
5	16QAM	12	0	20.52	20.62	20.42	22	2
5	16QAM	12	7	20.34	20.54	20.43		
5	16QAM	12	13	20.33	20.51	20.36		
5	16QAM	25	0	20.42	20.49	20.44		
5	64QAM	1	0	20.78	20.84	20.72	22	2
5	64QAM	1	12	20.61	20.59	20.52		
5	64QAM	1	24	20.55	20.65	20.44		
5	64QAM	12	0	19.59	19.67	19.46	21	3
5	64QAM	12	7	19.32	19.43	19.31		
5	64QAM	12	13	19.53	19.53	19.39		
5	64QAM	25	0	19.37	19.55	19.40		
5	256QAM	1	0	18.02	17.95	17.98	19	5
5	256QAM	1	12	17.90	17.92	17.81		
5	256QAM	1	24	17.86	17.93	17.94		
5	256QAM	12	0	17.99	17.90	17.88	19	5
5	256QAM	12	7	17.84	17.89	17.87		
5	256QAM	12	13	17.94	17.87	17.88		
5	256QAM	25	0	17.82	17.82	17.85		

Band 66 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.17	22.23	22.15	24	0
20	QPSK	1	49	22.13	22.19	22.12		
20	QPSK	1	99	22.10	22.14	22.08		
20	QPSK	50	0	21.39	21.45	21.33	23	1
20	QPSK	50	24	21.26	21.38	21.23		
20	QPSK	50	50	21.38	21.42	21.30		
20	QPSK	100	0	21.34	21.40	21.30		
20	16QAM	1	0	21.31	21.38	21.24	23	1
20	16QAM	1	49	21.32	21.41	21.37		
20	16QAM	1	99	21.31	21.44	21.29		
20	16QAM	50	0	20.36	20.40	20.31	22	2
20	16QAM	50	24	20.23	20.32	20.23		
20	16QAM	50	50	20.23	20.38	20.28		
20	16QAM	100	0	20.30	20.35	20.31		
20	64QAM	1	0	20.35	20.42	20.30	22	2
20	64QAM	1	49	20.24	20.33	20.20		
20	64QAM	1	99	20.26	20.37	20.26		
20	64QAM	50	0	19.29	19.36	19.30	21	3
20	64QAM	50	24	19.17	19.31	19.17		
20	64QAM	50	50	19.16	19.28	19.19		
20	64QAM	100	0	19.37	19.41	19.31		
20	256QAM	1	0	17.28	17.33	17.30	19	5
20	256QAM	1	49	17.20	17.18	17.24		
20	256QAM	1	99	17.30	17.29	17.20		
20	256QAM	50	0	17.31	17.35	17.32	19	5
20	256QAM	50	24	17.18	17.20	17.23		
20	256QAM	50	50	17.27	17.26	17.24		
20	256QAM	100	0	17.18	17.21	17.17		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.04	22.11	22.07	24	0
15	QPSK	1	37	22.09	22.09	22.06		
15	QPSK	1	74	22.02	22.04	22.01		
15	QPSK	36	0	21.32	21.40	21.18	23	1
15	QPSK	36	20	21.14	21.30	21.13		
15	QPSK	36	39	21.31	21.29	21.26		
15	QPSK	75	0	21.20	21.33	21.18		
15	16QAM	1	0	21.21	21.32	21.14	23	1
15	16QAM	1	37	21.23	21.35	21.31		
15	16QAM	1	74	21.18	21.30	21.24		
15	16QAM	36	0	20.30	20.35	20.25	22	2
15	16QAM	36	20	20.11	20.22	20.16		
15	16QAM	36	39	20.19	20.30	20.22		
15	16QAM	75	0	20.21	20.21	20.26		
15	64QAM	1	0	20.29	20.29	20.16	22	2
15	64QAM	1	37	20.14	20.26	20.16		
15	64QAM	1	74	20.17	20.31	20.11		
15	64QAM	36	0	19.19	19.30	19.24	21	3
15	64QAM	36	20	19.07	19.25	19.13		
15	64QAM	36	39	19.12	19.18	19.10		
15	64QAM	75	0	19.29	19.28	19.16		
15	256QAM	1	0	17.31	17.27	17.25	19	5
15	256QAM	1	37	17.24	17.16	17.20		
15	256QAM	1	74	17.21	17.28	17.31		
15	256QAM	36	0	17.30	17.25	17.29	19	5
15	256QAM	36	20	17.21	17.19	17.28		
15	256QAM	36	39	17.28	17.22	17.27		
15	256QAM	75	0	17.21	17.26	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.10	22.17	22.12	24	0
10	QPSK	1	25	22.04	22.06	22.07		
10	QPSK	1	49	22.05	22.02	22.02		
10	QPSK	25	0	21.33	21.38	21.22	23	1
10	QPSK	25	12	21.17	21.26	21.12		
10	QPSK	25	25	21.29	21.34	21.26		
10	QPSK	50	0	21.25	21.34	21.21		
10	16QAM	1	0	21.18	21.32	21.18	23	1
10	16QAM	1	25	21.26	21.28	21.23		
10	16QAM	1	49	21.26	21.38	21.18		
10	16QAM	25	0	20.29	20.26	20.27	22	2
10	16QAM	25	12	20.10	20.23	20.11		
10	16QAM	25	25	20.12	20.27	20.17		
10	16QAM	50	0	20.15	20.28	20.26		
10	64QAM	1	0	20.29	20.29	20.26	22	2
10	64QAM	1	25	20.21	20.25	20.06		
10	64QAM	1	49	20.19	20.29	20.13		
10	64QAM	25	0	19.19	19.31	19.16	21	3
10	64QAM	25	12	19.09	19.18	19.11		
10	64QAM	25	25	19.06	19.17	19.07		
10	64QAM	50	0	19.28	19.31	19.19		
10	256QAM	1	0	17.26	17.34	17.36	19	5
10	256QAM	1	25	17.22	17.16	17.17		
10	256QAM	1	49	17.22	17.26	17.28		
10	256QAM	25	0	17.25	17.34	17.31	19	5
10	256QAM	25	12	17.24	17.28	17.20		
10	256QAM	25	25	17.31	17.22	17.27		
10	256QAM	50	0	17.16	17.23	17.19		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.07	22.09	22.08	24	0
5	QPSK	1	12	22.10	22.04	22.02		
5	QPSK	1	24	22.09	22.10	22.02		
5	QPSK	12	0	21.25	21.36	21.20	23	1
5	QPSK	12	7	21.23	21.32	21.16		
5	QPSK	12	13	21.29	21.30	21.16		
5	QPSK	25	0	21.22	21.27	21.18		
5	16QAM	1	0	21.22	21.26	21.12	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.17	21.36	21.22		
5	16QAM	12	0	20.24	20.29	20.28	22	2
5	16QAM	12	7	20.11	20.19	20.12		
5	16QAM	12	13	20.16	20.24	20.14		
5	16QAM	25	0	20.26	20.31	20.23		
5	64QAM	1	0	20.24	20.38	20.25	22	2
5	64QAM	1	12	20.19	20.22	20.13		
5	64QAM	1	24	20.20	20.30	20.15		
5	64QAM	12	0	19.19	19.24	19.19	21	3
5	64QAM	12	7	19.05	19.26	19.05		
5	64QAM	12	13	19.08	19.24	19.09		
5	64QAM	25	0	19.31	19.29	19.27		
5	256QAM	1	0	17.36	17.30	17.26	19	5
5	256QAM	1	12	17.16	17.23	17.25		
5	256QAM	1	24	17.24	17.27	17.23		
5	256QAM	12	0	17.32	17.30	17.26	19	5
5	256QAM	12	7	17.18	17.27	17.27		
5	256QAM	12	13	17.21	17.30	17.23		
5	256QAM	25	0	17.25	17.22	17.26		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.11	22.18	22.10	24	0
3	QPSK	1	8	22.07	22.06	22.01		
3	QPSK	1	14	22.04	22.06	22.05		
3	QPSK	8	0	21.35	21.36	21.25	23	1
3	QPSK	8	4	21.21	21.26	21.18		
3	QPSK	8	7	21.32	21.38	21.26		
3	QPSK	15	0	21.19	21.33	21.25		
3	16QAM	1	0	21.26	21.27	21.11	23	1
3	16QAM	1	8	21.22	21.31	21.30		
3	16QAM	1	14	21.17	21.35	21.21		
3	16QAM	8	0	20.27	20.35	20.22	22	2
3	16QAM	8	4	20.09	20.22	20.17		
3	16QAM	8	7	20.14	20.24	20.16		
3	16QAM	15	0	20.19	20.31	20.16		
3	64QAM	1	0	20.22	20.27	20.26	22	2
3	64QAM	1	8	20.14	20.23	20.07		
3	64QAM	1	14	20.14	20.30	20.22		
3	64QAM	8	0	19.20	19.24	19.23	21	3
3	64QAM	8	4	19.04	19.26	19.10		
3	64QAM	8	7	19.11	19.16	19.04		
3	64QAM	15	0	19.33	19.32	19.20		
3	256QAM	1	0	17.30	17.27	17.35	19	5
3	256QAM	1	8	17.24	17.17	17.22		
3	256QAM	1	14	17.26	17.28	17.26		
3	256QAM	8	0	17.26	17.29	17.27	19	5
3	256QAM	8	4	17.25	17.27	17.17		
3	256QAM	8	7	17.24	17.24	17.30		
3	256QAM	15	0	17.27	17.27	17.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.10	22.09	22.10	24	0
1.4	QPSK	1	3	22.03	22.10	22.06		
1.4	QPSK	1	5	22.01	22.04	22.08		
1.4	QPSK	3	0	22.13	22.11	22.09		
1.4	QPSK	3	1	22.01	22.13	22.02		
1.4	QPSK	3	3	22.13	22.09	22.07		
1.4	QPSK	6	0	21.21	21.27	21.22	23	1
1.4	16QAM	1	0	21.23	21.24	21.09	23	1
1.4	16QAM	1	3	21.18	21.38	21.27		
1.4	16QAM	1	5	21.25	21.38	21.21		
1.4	16QAM	3	0	21.23	21.37	21.21		
1.4	16QAM	3	1	21.11	21.24	21.13		
1.4	16QAM	3	3	21.14	21.31	21.17		
1.4	16QAM	6	0	20.23	20.21	20.22	22	2
1.4	64QAM	1	0	20.22	20.29	20.15	22	2
1.4	64QAM	1	3	20.10	20.21	20.11		
1.4	64QAM	1	5	20.12	20.31	20.14		
1.4	64QAM	3	0	20.23	20.29	20.26		
1.4	64QAM	3	1	20.03	20.18	20.14		
1.4	64QAM	3	3	20.11	20.20	20.05		
1.4	64QAM	6	0	19.24	19.35	19.24	21	3
1.4	256QAM	1	0	17.27	17.25	17.33	19	5
1.4	256QAM	1	3	17.20	17.23	17.18		
1.4	256QAM	1	5	17.22	17.28	17.30		
1.4	256QAM	3	0	17.34	17.34	17.27		
1.4	256QAM	3	1	17.26	17.18	17.26		
1.4	256QAM	3	3	17.26	17.24	17.25		
1.4	256QAM	6	0	17.20	17.15	17.16	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.56	22.61	22.32	22.49	24	0
20	QPSK	1	49	22.52	22.55	22.49	22.43		
20	QPSK	1	99	22.39	22.43	22.35	22.32		
20	QPSK	50	0	21.53	21.56	21.42	21.45	23	1
20	QPSK	50	24	21.43	21.48	21.37	21.40		
20	QPSK	50	50	21.32	21.46	21.39	21.31		
20	QPSK	100	0	21.40	21.45	21.34	21.39		
20	16QAM	1	0	21.55	21.65	21.53	21.58	23	1
20	16QAM	1	49	21.51	21.56	21.45	21.45		
20	16QAM	1	99	21.32	21.47	21.35	21.40		
20	16QAM	50	0	20.49	20.55	20.50	20.46	22	2
20	16QAM	50	24	20.39	20.47	20.34	20.36		
20	16QAM	50	50	20.43	20.48	20.37	20.38		
20	16QAM	100	0	20.32	20.40	20.36	20.36		
20	64QAM	1	0	20.56	20.62	20.52	20.50	22	2
20	64QAM	1	49	20.44	20.53	20.49	20.44		
20	64QAM	1	99	20.35	20.42	20.39	20.37		
20	64QAM	50	0	19.44	19.53	19.46	19.49	21	3
20	64QAM	50	24	19.40	19.51	19.42	19.45		
20	64QAM	50	50	19.36	19.48	19.40	19.40		
20	64QAM	100	0	19.31	19.40	19.36	19.27		
20	256QAM	1	0	17.61	17.55	17.62	17.65	19	5
20	256QAM	1	49	17.50	17.46	17.52	17.54		
20	256QAM	1	99	17.60	17.58	17.57	17.58		
20	256QAM	50	0	17.62	17.64	17.58	17.63	19	5
20	256QAM	50	24	17.52	17.58	17.51	17.58		
20	256QAM	50	50	17.57	17.55	17.60	17.62		
20	256QAM	100	0	17.55	17.52	17.55	17.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.43	22.53	22.26	22.37	24	0
15	QPSK	1	37	22.37	22.46	22.44	22.35		
15	QPSK	1	74	22.28	22.33	22.23	22.28		
15	QPSK	36	0	21.48	21.47	21.32	21.41	23	1
15	QPSK	36	20	21.35	21.40	21.29	21.30		
15	QPSK	36	39	21.26	21.36	21.26	21.25		
15	QPSK	75	0	21.31	21.38	21.28	21.32		
15	16QAM	1	0	21.48	21.50	21.49	21.47	23	1
15	16QAM	1	37	21.41	21.42	21.31	21.35		
15	16QAM	1	74	21.26	21.34	21.23	21.34		
15	16QAM	36	0	20.37	20.44	20.40	20.39	22	2
15	16QAM	36	20	20.32	20.42	20.22	20.32		
15	16QAM	36	39	20.36	20.35	20.25	20.31		
15	16QAM	75	0	20.28	20.28	20.26	20.29		
15	64QAM	1	0	20.46	20.56	20.46	20.45	22	2
15	64QAM	1	37	20.39	20.41	20.41	20.32		
15	64QAM	1	74	20.30	20.31	20.27	20.23		
15	64QAM	36	0	19.36	19.46	19.36	19.41	21	3
15	64QAM	36	20	19.35	19.47	19.28	19.31		
15	64QAM	36	39	19.30	19.34	19.30	19.31		
15	64QAM	75	0	19.22	19.36	19.29	19.23		
15	256QAM	1	0	17.56	17.57	17.57	17.58	19	5
15	256QAM	1	37	17.55	17.55	17.57	17.56		
15	256QAM	1	74	17.57	17.54	17.52	17.60		
15	256QAM	36	0	17.62	17.60	17.54	17.65	19	5
15	256QAM	36	20	17.56	17.56	17.49	17.48		
15	256QAM	36	39	17.63	17.59	17.55	17.59		
15	256QAM	75	0	17.49	17.55	17.53	17.51		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.51	22.56	22.25	22.37	24	0
10	QPSK	1	25	22.38	22.49	22.37	22.37		
10	QPSK	1	49	22.30	22.35	22.31	22.17		
10	QPSK	25	0	21.42	21.47	21.38	21.40	23	1
10	QPSK	25	12	21.31	21.40	21.28	21.27		
10	QPSK	25	25	21.28	21.40	21.24	21.24		
10	QPSK	50	0	21.37	21.40	21.30	21.28		
10	16QAM	1	0	21.45	21.62	21.41	21.51	23	1
10	16QAM	1	25	21.37	21.48	21.35	21.42		
10	16QAM	1	49	21.19	21.40	21.26	21.25		
10	16QAM	25	0	20.37	20.42	20.39	20.41	22	2
10	16QAM	25	12	20.31	20.32	20.30	20.28		
10	16QAM	25	25	20.31	20.43	20.30	20.34		
10	16QAM	50	0	20.26	20.36	20.28	20.24		
10	64QAM	1	0	20.46	20.48	20.41	20.46	22	2
10	64QAM	1	25	20.39	20.38	20.37	20.40		
10	64QAM	1	49	20.26	20.30	20.33	20.33		
10	64QAM	25	0	19.37	19.45	19.32	19.46	21	3
10	64QAM	25	12	19.35	19.38	19.39	19.40		
10	64QAM	25	25	19.25	19.36	19.36	19.26		
10	64QAM	50	0	19.21	19.35	19.25	19.24		
10	256QAM	1	0	17.66	17.60	17.65	17.65	19	5
10	256QAM	1	25	17.49	17.56	17.50	17.50		
10	256QAM	1	49	17.55	17.56	17.58	17.55		
10	256QAM	25	0	17.57	17.61	17.53	17.61	19	5
10	256QAM	25	12	17.58	17.49	17.55	17.54		
10	256QAM	25	25	17.61	17.62	17.53	17.58		
10	256QAM	50	0	17.50	17.52	17.56	17.50		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.45	22.54	22.26	22.35	24	0
5	QPSK	1	12	22.41	22.50	22.39	22.35		
5	QPSK	1	24	22.27	22.33	22.30	22.17		
5	QPSK	12	0	21.42	21.44	21.29	21.31	23	1
5	QPSK	12	7	21.29	21.38	21.26	21.34		
5	QPSK	12	13	21.28	21.35	21.26	21.24		
5	QPSK	25	0	21.28	21.37	21.24	21.35		
5	16QAM	1	0	21.47	21.57	21.44	21.53	23	1
5	16QAM	1	12	21.42	21.46	21.36	21.41		
5	16QAM	1	24	21.26	21.39	21.31	21.30		
5	16QAM	12	0	20.35	20.46	20.46	20.40	22	2
5	16QAM	12	7	20.31	20.37	20.31	20.28		
5	16QAM	12	13	20.38	20.36	20.27	20.27		
5	16QAM	25	0	20.19	20.33	20.29	20.25		
5	64QAM	1	0	20.46	20.58	20.49	20.43	22	2
5	64QAM	1	12	20.32	20.44	20.37	20.39		
5	64QAM	1	24	20.31	20.34	20.31	20.30		
5	64QAM	12	0	19.31	19.47	19.39	19.39	21	3
5	64QAM	12	7	19.31	19.37	19.35	19.38		
5	64QAM	12	13	19.32	19.34	19.32	19.31		
5	64QAM	25	0	19.24	19.37	19.28	19.22		
5	256QAM	1	0	17.64	17.63	17.62	17.57	19	5
5	256QAM	1	12	17.47	17.57	17.56	17.51		
5	256QAM	1	24	17.61	17.54	17.55	17.55		
5	256QAM	12	0	17.61	17.63	17.56	17.58	19	5
5	256QAM	12	7	17.58	17.56	17.48	17.54		
5	256QAM	12	13	17.56	17.61	17.55	17.51		
5	256QAM	25	0	17.50	17.47	17.57	17.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.41	22.58	22.42	22.56	24	0
20	QPSK	1	49	22.35	22.49	22.48	22.38		
20	QPSK	1	99	22.40	22.42	22.40	22.30		
20	QPSK	50	0	21.39	21.49	21.43	21.37	23	1
20	QPSK	50	24	21.43	21.46	21.34	21.36		
20	QPSK	50	50	21.42	21.42	21.41	21.39		
20	QPSK	100	0	21.39	21.48	21.47	21.43		
20	16QAM	1	0	21.54	21.57	21.53	21.54	23	1
20	16QAM	1	49	21.35	21.49	21.49	21.37		
20	16QAM	1	99	21.41	21.46	21.35	21.38		
20	16QAM	50	0	20.39	20.51	20.44	20.51	22	2
20	16QAM	50	24	20.50	20.53	20.50	20.48		
20	16QAM	50	50	20.35	20.45	20.44	20.41		
20	16QAM	100	0	20.36	20.50	20.46	20.48		
20	64QAM	1	0	20.44	20.53	20.38	20.42	22	2
20	64QAM	1	49	20.49	20.51	20.41	20.37		
20	64QAM	1	99	20.32	20.42	20.40	20.27		
20	64QAM	50	0	19.42	19.47	19.43	19.44	21	3
20	64QAM	50	24	19.39	19.51	19.50	19.50		
20	64QAM	50	50	19.36	19.44	19.31	19.43		
20	64QAM	100	0	19.45	19.59	19.45	19.49		
20	256QAM	1	0	17.57	17.57	17.57	17.56	19	5
20	256QAM	1	49	17.50	17.47	17.45	17.51		
20	256QAM	1	99	17.50	17.56	17.51	17.52		
20	256QAM	50	0	17.52	17.51	17.49	17.60	19	5
20	256QAM	50	24	17.50	17.48	17.49	17.49		
20	256QAM	50	50	17.52	17.49	17.48	17.46		
20	256QAM	100	0	17.45	17.42	17.51	17.50		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.40	22.54	22.39	22.46	24	0
15	QPSK	1	37	22.32	22.47	22.43	22.36		
15	QPSK	1	74	22.35	22.31	22.36	22.28		
15	QPSK	36	0	21.32	21.37	21.40	21.35	23	1
15	QPSK	36	20	21.28	21.37	21.20	21.24		
15	QPSK	36	39	21.29	21.39	21.31	21.37		
15	QPSK	75	0	21.26	21.43	21.33	21.42		
15	16QAM	1	0	21.41	21.46	21.51	21.52	23	1
15	16QAM	1	37	21.25	21.44	21.44	21.26		
15	16QAM	1	74	21.41	21.42	21.28	21.27		
15	16QAM	36	0	20.25	20.38	20.34	20.42	22	2
15	16QAM	36	20	20.48	20.45	20.48	20.41		
15	16QAM	36	39	20.30	20.32	20.35	20.37		
15	16QAM	75	0	20.26	20.44	20.33	20.38		
15	64QAM	1	0	20.36	20.46	20.37	20.34	22	2
15	64QAM	1	37	20.34	20.40	20.34	20.26		
15	64QAM	1	74	20.23	20.33	20.36	20.12		
15	64QAM	36	0	19.38	19.41	19.39	19.31	21	3
15	64QAM	36	20	19.27	19.37	19.39	19.47		
15	64QAM	36	39	19.31	19.43	19.27	19.39		
15	64QAM	75	0	19.32	19.52	19.39	19.44		
15	256QAM	1	0	17.58	17.58	17.56	17.52	19	5
15	256QAM	1	37	17.52	17.43	17.45	17.52		
15	256QAM	1	74	17.46	17.47	17.48	17.53		
15	256QAM	36	0	17.58	17.59	17.49	17.59	19	5
15	256QAM	36	20	17.49	17.46	17.43	17.45		
15	256QAM	36	39	17.50	17.57	17.49	17.55		
15	256QAM	75	0	17.46	17.50	17.50	17.46		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.38	22.49	22.32	22.55	24	0
10	QPSK	1	25	22.33	22.45	22.46	22.26		
10	QPSK	1	49	22.31	22.29	22.26	22.27		
10	QPSK	25	0	21.29	21.39	21.37	21.37	23	1
10	QPSK	25	12	21.42	21.34	21.23	21.27		
10	QPSK	25	25	21.30	21.38	21.27	21.33		
10	QPSK	50	0	21.32	21.47	21.40	21.36		
10	16QAM	1	0	21.49	21.43	21.47	21.46	23	1
10	16QAM	1	25	21.31	21.37	21.40	21.35		
10	16QAM	1	49	21.35	21.37	21.23	21.25		
10	16QAM	25	0	20.31	20.41	20.41	20.38	22	2
10	16QAM	25	12	20.47	20.38	20.36	20.46		
10	16QAM	25	25	20.24	20.44	20.41	20.39		
10	16QAM	50	0	20.23	20.39	20.34	20.42		
10	64QAM	1	0	20.34	20.49	20.37	20.31	22	2
10	64QAM	1	25	20.37	20.40	20.39	20.25		
10	64QAM	1	49	20.18	20.36	20.26	20.13		
10	64QAM	25	0	19.31	19.34	19.36	19.36	21	3
10	64QAM	25	12	19.33	19.48	19.36	19.43		
10	64QAM	25	25	19.30	19.41	19.30	19.30		
10	64QAM	50	0	19.37	19.49	19.39	19.34		
10	256QAM	1	0	17.56	17.51	17.61	17.55	19	5
10	256QAM	1	25	17.44	17.48	17.50	17.49		
10	256QAM	1	49	17.52	17.47	17.56	17.48		
10	256QAM	25	0	17.59	17.48	17.55	17.49	19	5
10	256QAM	25	12	17.42	17.51	17.54	17.53		
10	256QAM	25	25	17.50	17.50	17.47	17.46		
10	256QAM	50	0	17.43	17.42	17.41	17.41		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.40	22.46	22.36	22.52	24	0
5	QPSK	1	12	22.22	22.48	22.43	22.29		
5	QPSK	1	24	22.38	22.31	22.35	22.27		
5	QPSK	12	0	21.33	21.43	21.41	21.24	23	1
5	QPSK	12	7	21.32	21.44	21.28	21.35		
5	QPSK	12	13	21.27	21.41	21.31	21.29		
5	QPSK	25	0	21.28	21.37	21.38	21.35		
5	16QAM	1	0	21.46	21.46	21.40	21.48	23	1
5	16QAM	1	12	21.32	21.41	21.41	21.28		
5	16QAM	1	24	21.38	21.35	21.31	21.25		
5	16QAM	12	0	20.35	20.40	20.35	20.42	22	2
5	16QAM	12	7	20.47	20.39	20.47	20.35		
5	16QAM	12	13	20.27	20.38	20.34	20.27		
5	16QAM	25	0	20.32	20.38	20.39	20.48		
5	64QAM	1	0	20.39	20.52	20.37	20.34	22	2
5	64QAM	1	12	20.38	20.37	20.34	20.24		
5	64QAM	1	24	20.20	20.39	20.27	20.14		
5	64QAM	12	0	19.30	19.37	19.28	19.37	21	3
5	64QAM	12	7	19.39	19.50	19.46	19.40		
5	64QAM	12	13	19.25	19.43	19.23	19.33		
5	64QAM	25	0	19.37	19.49	19.37	19.44		
5	256QAM	1	0	17.54	17.51	17.51	17.53	19	5
5	256QAM	1	12	17.41	17.49	17.41	17.47		
5	256QAM	1	24	17.48	17.51	17.55	17.55		
5	256QAM	12	0	17.50	17.56	17.50	17.57	19	5
5	256QAM	12	7	17.46	17.43	17.45	17.43		
5	256QAM	12	13	17.56	17.55	17.48	17.54		
5	256QAM	25	0	17.45	17.43	17.42	17.48		

Band 48 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.84	21.92	21.82	21.76	23.3	0
20	QPSK	1	49	21.78	21.90	21.85	21.71		
20	QPSK	1	99	21.77	21.83	21.69	21.75		
20	QPSK	50	0	20.88	20.97	20.85	20.83	22.3	1
20	QPSK	50	24	20.76	20.88	20.78	20.72		
20	QPSK	50	50	20.77	20.86	20.73	20.67		
20	QPSK	100	0	20.87	20.94	20.88	20.82		
20	16QAM	1	0	20.95	21.06	21.03	20.95	22.3	1
20	16QAM	1	49	20.82	20.92	20.86	20.77		
20	16QAM	1	99	20.86	20.94	20.81	20.77		
20	16QAM	50	0	19.93	20.05	19.92	19.92	21.3	2
20	16QAM	50	24	19.94	20.03	19.91	19.86		
20	16QAM	50	50	19.94	19.97	19.91	19.80		
20	16QAM	100	0	20.03	20.07	19.99	19.89		
20	64QAM	1	0	19.82	19.94	19.80	19.78	21.3	2
20	64QAM	1	49	19.86	19.92	19.83	19.77		
20	64QAM	1	99	19.76	19.81	19.73	19.67		
20	64QAM	50	0	19.00	19.04	18.92	18.85	20.3	3
20	64QAM	50	24	18.82	18.88	18.78	18.74		
20	64QAM	50	50	18.92	19.00	18.96	18.91		
20	64QAM	100	0	19.06	19.11	18.98	19.01		
20	256QAM	1	0	16.95	16.84	16.92	16.90	18.3	5
20	256QAM	1	49	16.80	16.67	16.82	16.85		
20	256QAM	1	99	16.83	16.72	16.78	16.87		
20	256QAM	50	0	16.94	16.83	16.82	16.85	18.3	5
20	256QAM	50	24	16.78	16.68	16.82	16.85		
20	256QAM	50	50	16.90	16.71	16.78	16.92		
20	256QAM	100	0	16.85	16.75	16.76	16.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.71	21.81	21.79	21.69	23.3	0
15	QPSK	1	37	21.66	21.78	21.81	21.64		
15	QPSK	1	74	21.68	21.75	21.58	21.64		
15	QPSK	36	0	20.74	20.91	20.77	20.75	22.3	1
15	QPSK	36	20	20.69	20.78	20.68	20.61		
15	QPSK	36	39	20.67	20.77	20.66	20.54		
15	QPSK	75	0	20.83	20.84	20.80	20.74		
15	16QAM	1	0	20.86	20.92	20.95	20.89	22.3	1
15	16QAM	1	37	20.74	20.80	20.74	20.66		
15	16QAM	1	74	20.83	20.83	20.70	20.63		
15	16QAM	36	0	19.88	19.93	19.85	19.79	21.3	2
15	16QAM	36	20	19.87	19.89	19.81	19.81		
15	16QAM	36	39	19.88	19.91	19.80	19.65		
15	16QAM	75	0	19.99	20.00	19.90	19.76		
15	64QAM	1	0	19.77	19.86	19.73	19.68	21.3	2
15	64QAM	1	37	19.76	19.85	19.75	19.71		
15	64QAM	1	74	19.64	19.69	19.65	19.54		
15	64QAM	36	0	18.89	19.00	18.85	18.70	20.3	3
15	64QAM	36	20	18.71	18.79	18.74	18.61		
15	64QAM	36	39	18.80	18.88	18.91	18.80		
15	64QAM	75	0	19.01	18.98	18.89	18.91		
15	256QAM	1	0	16.86	16.85	16.84	16.89	18.3	5
15	256QAM	1	37	16.78	16.71	16.71	16.85		
15	256QAM	1	74	16.80	16.73	16.79	16.84		
15	256QAM	36	0	16.94	16.74	16.87	16.87	18.3	5
15	256QAM	36	20	16.86	16.71	16.76	16.80		
15	256QAM	36	39	16.91	16.76	16.87	16.89		
15	256QAM	75	0	16.85	16.68	16.71	16.77		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.75	21.88	21.78	21.71	23.3	0
10	QPSK	1	25	21.71	21.79	21.73	21.62		
10	QPSK	1	49	21.73	21.79	21.56	21.63		
10	QPSK	25	0	20.76	20.83	20.73	20.73	22.3	1
10	QPSK	25	12	20.73	20.75	20.70	20.60		
10	QPSK	25	25	20.65	20.72	20.61	20.52		
10	QPSK	50	0	20.80	20.79	20.73	20.78		
10	16QAM	1	0	20.80	20.98	20.99	20.84	22.3	1
10	16QAM	1	25	20.70	20.80	20.73	20.70		
10	16QAM	1	49	20.80	20.80	20.66	20.68		
10	16QAM	25	0	19.81	19.91	19.79	19.78	21.3	2
10	16QAM	25	12	19.91	19.92	19.82	19.82		
10	16QAM	25	25	19.87	19.91	19.81	19.68		
10	16QAM	50	0	19.98	19.97	19.95	19.84		
10	64QAM	1	0	19.70	19.85	19.73	19.74	21.3	2
10	64QAM	1	25	19.76	19.78	19.70	19.67		
10	64QAM	1	49	19.70	19.69	19.66	19.54		
10	64QAM	25	0	18.94	18.92	18.81	18.76	20.3	3
10	64QAM	25	12	18.69	18.75	18.71	18.66		
10	64QAM	25	25	18.84	18.94	18.91	18.83		
10	64QAM	50	0	18.93	18.96	18.89	18.94		
10	256QAM	1	0	16.90	16.81	16.87	16.95	18.3	5
10	256QAM	1	25	16.80	16.66	16.78	16.75		
10	256QAM	1	49	16.91	16.72	16.86	16.83		
10	256QAM	25	0	16.86	16.81	16.86	16.91	18.3	5
10	256QAM	25	12	16.87	16.77	16.83	16.83		
10	256QAM	25	25	16.83	16.82	16.77	16.93		
10	256QAM	50	0	16.82	16.65	16.73	16.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.79	21.83	21.79	21.66	23.3	0
5	QPSK	1	12	21.72	21.83	21.72	21.61		
5	QPSK	1	24	21.71	21.69	21.55	21.65		
5	QPSK	12	0	20.81	20.82	20.76	20.69	22.3	1
5	QPSK	12	7	20.67	20.81	20.69	20.69		
5	QPSK	12	13	20.70	20.72	20.66	20.56		
5	QPSK	25	0	20.79	20.90	20.80	20.70		
5	16QAM	1	0	20.89	21.01	20.99	20.91	22.3	1
5	16QAM	1	12	20.71	20.79	20.81	20.67		
5	16QAM	1	24	20.72	20.79	20.77	20.70		
5	16QAM	12	0	19.83	19.99	19.87	19.79	21.3	2
5	16QAM	12	7	19.82	19.99	19.85	19.77		
5	16QAM	12	13	19.82	19.91	19.79	19.71		
5	16QAM	25	0	19.89	19.95	19.87	19.75		
5	64QAM	1	0	19.73	19.82	19.77	19.64	21.3	2
5	64QAM	1	12	19.77	19.88	19.79	19.71		
5	64QAM	1	24	19.64	19.72	19.68	19.61		
5	64QAM	12	0	18.93	18.92	18.79	18.81	20.3	3
5	64QAM	12	7	18.69	18.81	18.73	18.66		
5	64QAM	12	13	18.78	18.95	18.81	18.83		
5	64QAM	25	0	18.92	19.06	18.85	18.95		
5	256QAM	1	0	16.90	16.82	16.88	16.93	18.3	5
5	256QAM	1	12	16.86	16.68	16.73	16.82		
5	256QAM	1	24	16.89	16.82	16.83	16.85		
5	256QAM	12	0	16.90	16.75	16.88	16.89	18.3	5
5	256QAM	12	7	16.82	16.70	16.75	16.80		
5	256QAM	12	13	16.93	16.76	16.88	16.85		
5	256QAM	25	0	16.78	16.71	16.78	16.77		

Band 48 Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.44	21.76	21.69	21.70	23.1	0
20	QPSK	1	49	21.59	21.70	21.66	21.67		
20	QPSK	1	99	21.54	21.62	21.58	21.53		
20	QPSK	50	0	20.75	20.82	20.69	20.76	22.1	1
20	QPSK	50	24	20.60	20.74	20.68	20.69		
20	QPSK	50	50	20.58	20.63	20.60	20.60		
20	QPSK	100	0	20.55	20.67	20.60	20.61		
20	16QAM	1	0	20.78	20.85	20.78	20.82	22.1	1
20	16QAM	1	49	20.70	20.79	20.72	20.75		
20	16QAM	1	99	20.56	20.70	20.65	20.63		
20	16QAM	50	0	19.65	19.71	19.57	19.60	21.1	2
20	16QAM	50	24	19.48	19.62	19.49	19.56		
20	16QAM	50	50	19.64	19.67	19.52	19.63		
20	16QAM	100	0	19.64	19.71	19.60	19.63		
20	64QAM	1	0	19.66	19.78	19.69	19.74	21.1	2
20	64QAM	1	49	19.72	19.79	19.66	19.75		
20	64QAM	1	99	19.58	19.72	19.62	19.62		
20	64QAM	50	0	18.71	18.80	18.65	18.69	20.1	3
20	64QAM	50	24	18.65	18.73	18.58	18.68		
20	64QAM	50	50	18.71	18.76	18.72	18.65		
20	64QAM	100	0	18.45	18.53	18.46	18.42		
20	256QAM	1	0	16.70	16.64	16.68	16.76	18.1	5
20	256QAM	1	49	16.57	16.52	16.51	16.63		
20	256QAM	1	99	16.71	16.60	16.63	16.72		
20	256QAM	50	0	16.72	16.53	16.65	16.66	18.1	5
20	256QAM	50	24	16.68	16.50	16.56	16.68		
20	256QAM	50	50	16.70	16.55	16.62	16.72		
20	256QAM	100	0	16.57	16.51	16.53	16.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.31	21.66	21.64	21.61	23.1	0
15	QPSK	1	37	21.48	21.56	21.62	21.57		
15	QPSK	1	74	21.47	21.54	21.53	21.39		
15	QPSK	36	0	20.65	20.79	20.59	20.64	22.1	1
15	QPSK	36	20	20.46	20.62	20.54	20.62		
15	QPSK	36	39	20.53	20.57	20.49	20.54		
15	QPSK	75	0	20.45	20.58	20.47	20.46		
15	16QAM	1	0	20.74	20.73	20.67	20.75	22.1	1
15	16QAM	1	37	20.62	20.64	20.64	20.65		
15	16QAM	1	74	20.53	20.57	20.62	20.49		
15	16QAM	36	0	19.55	19.57	19.51	19.52	21.1	2
15	16QAM	36	20	19.35	19.47	19.37	19.47		
15	16QAM	36	39	19.53	19.60	19.42	19.58		
15	16QAM	75	0	19.54	19.67	19.46	19.51		
15	64QAM	1	0	19.55	19.68	19.59	19.66	21.1	2
15	64QAM	1	37	19.64	19.69	19.61	19.65		
15	64QAM	1	74	19.50	19.64	19.52	19.53		
15	64QAM	36	0	18.63	18.70	18.56	18.56	20.1	3
15	64QAM	36	20	18.56	18.68	18.51	18.63		
15	64QAM	36	39	18.56	18.64	18.66	18.57		
15	64QAM	75	0	18.36	18.40	18.42	18.38		
15	256QAM	1	0	16.65	16.65	16.62	16.71	18.1	5
15	256QAM	1	37	16.65	16.56	16.60	16.58		
15	256QAM	1	74	16.65	16.57	16.58	16.72		
15	256QAM	36	0	16.73	16.60	16.67	16.67	18.1	5
15	256QAM	36	20	16.62	16.54	16.60	16.60		
15	256QAM	36	39	16.69	16.59	16.63	16.61		
15	256QAM	75	0	16.55	16.51	16.55	16.61		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.36	21.66	21.58	21.60	23.1	0
10	QPSK	1	25	21.51	21.59	21.62	21.57		
10	QPSK	1	49	21.45	21.54	21.50	21.40		
10	QPSK	25	0	20.66	20.76	20.62	20.66	22.1	1
10	QPSK	25	12	20.51	20.62	20.57	20.55		
10	QPSK	25	25	20.51	20.53	20.52	20.57		
10	QPSK	50	0	20.47	20.54	20.48	20.47		
10	16QAM	1	0	20.65	20.72	20.72	20.67	22.1	1
10	16QAM	1	25	20.64	20.67	20.67	20.69		
10	16QAM	1	49	20.43	20.65	20.60	20.48		
10	16QAM	25	0	19.53	19.66	19.45	19.47	21.1	2
10	16QAM	25	12	19.39	19.58	19.45	19.52		
10	16QAM	25	25	19.55	19.61	19.41	19.52		
10	16QAM	50	0	19.49	19.63	19.52	19.55		
10	64QAM	1	0	19.62	19.67	19.57	19.64	21.1	2
10	64QAM	1	25	19.65	19.70	19.52	19.66		
10	64QAM	1	49	19.55	19.64	19.55	19.50		
10	64QAM	25	0	18.62	18.71	18.53	18.66	20.1	3
10	64QAM	25	12	18.62	18.60	18.54	18.62		
10	64QAM	25	25	18.63	18.65	18.61	18.59		
10	64QAM	50	0	18.35	18.43	18.40	18.28		
10	256QAM	1	0	16.72	16.59	16.62	16.76	18.1	5
10	256QAM	1	25	16.59	16.48	16.58	16.62		
10	256QAM	1	49	16.64	16.52	16.64	16.68		
10	256QAM	25	0	16.67	16.54	16.66	16.70	18.1	5
10	256QAM	25	12	16.68	16.55	16.61	16.63		
10	256QAM	25	25	16.67	16.53	16.60	16.71		
10	256QAM	50	0	16.65	16.54	16.51	16.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.29	21.62	21.66	21.62	23.1	0
5	QPSK	1	12	21.52	21.55	21.55	21.58		
5	QPSK	1	24	21.46	21.52	21.48	21.40		
5	QPSK	12	0	20.63	20.68	20.63	20.65	22.1	1
5	QPSK	12	7	20.55	20.70	20.63	20.61		
5	QPSK	12	13	20.54	20.57	20.57	20.45		
5	QPSK	25	0	20.42	20.57	20.46	20.57		
5	16QAM	1	0	20.75	20.70	20.64	20.69	22.1	1
5	16QAM	1	12	20.59	20.68	20.63	20.69		
5	16QAM	1	24	20.53	20.66	20.54	20.49		
5	16QAM	12	0	19.57	19.63	19.50	19.55	21.1	2
5	16QAM	12	7	19.43	19.52	19.42	19.49		
5	16QAM	12	13	19.56	19.53	19.47	19.49		
5	16QAM	25	0	19.51	19.56	19.56	19.50		
5	64QAM	1	0	19.52	19.65	19.56	19.67	21.1	2
5	64QAM	1	12	19.63	19.73	19.57	19.70		
5	64QAM	1	24	19.44	19.68	19.54	19.55		
5	64QAM	12	0	18.57	18.76	18.51	18.63	20.1	3
5	64QAM	12	7	18.60	18.63	18.54	18.63		
5	64QAM	12	13	18.64	18.72	18.62	18.52		
5	64QAM	25	0	18.32	18.40	18.32	18.37		
5	256QAM	1	0	16.74	16.66	16.64	16.68	18.1	5
5	256QAM	1	12	16.61	16.46	16.57	16.65		
5	256QAM	1	24	16.67	16.58	16.58	16.69		
5	256QAM	12	0	16.71	16.57	16.68	16.74	18.1	5
5	256QAM	12	7	16.67	16.50	16.61	16.65		
5	256QAM	12	13	16.72	16.57	16.64	16.72		
5	256QAM	25	0	16.66	16.53	16.58	16.62		

Reduced Power Level for WWAN
ECI2

GSM850 Ant0 ECI2

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.30	32.74	32.52	33.50	23.30	23.74	23.52	24.50
GPRS 1 Tx slot	32.24	32.73	32.47	33.50	23.24	23.73	23.47	24.50
GPRS 2 Tx slots	31.23	31.57	31.62	32.50	25.23	25.57	25.62	26.50
GPRS 3 Tx slots	29.51	29.78	29.84	31.50	25.25	25.52	25.58	27.24
GPRS 4 Tx slots	28.50	28.79	28.55	30.50	25.50	25.79	25.55	27.50
EDGE 1 Tx slot	26.60	26.81	26.97	27.50	17.60	17.81	17.97	18.50
EDGE 2 Tx slots	25.55	25.59	25.86	27.00	19.55	19.59	19.86	21.00
EDGE 3 Tx slots	23.12	23.26	23.36	24.50	18.86	19.00	19.10	20.24
EDGE 4 Tx slots	22.08	22.10	22.27	23.00	19.08	19.10	19.27	20.00

GSM1900 Ant0 ECI2

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.96	29.07	29.00	30.50	19.96	20.07	20.00	21.50
GPRS 1 Tx slot	28.93	29.06	28.98	30.50	19.93	20.06	19.98	21.50
GPRS 2 Tx slots	28.43	28.30	28.36	30.00	22.43	22.30	22.36	24.00
GPRS 3 Tx slots	26.68	26.82	26.75	28.50	22.42	22.56	22.49	24.24
GPRS 4 Tx slots	25.57	25.71	25.65	27.50	22.57	22.71	22.65	24.50
EDGE 1 Tx slot	25.89	25.95	25.97	26.50	16.89	16.95	16.97	17.50
EDGE 2 Tx slots	24.76	24.82	24.84	25.50	18.76	18.82	18.84	19.50
EDGE 3 Tx slots	22.58	22.61	22.63	23.50	18.32	18.35	18.37	19.24
EDGE 4 Tx slots	21.28	21.34	21.41	22.50	18.28	18.34	18.41	19.50

		WCDMA II Ant0 ECI2				WCDMA V Ant0 ECI2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.88	22.93	22.78	24.00	22.92	23.10	23.05	24.00
3GPP Rel 99	RMC 12.2Kbps	23.02	23.06	22.96	24.00	23.09	23.24	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	22.23	22.11	22.14	23.00	22.35	22.26	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.29	22.25	22.12	23.00	22.29	22.37	22.26	23.00
3GPP Rel 6	HSDPA Subtest-3	21.83	21.65	21.64	22.50	22.05	21.83	21.86	22.50
3GPP Rel 6	HSDPA Subtest-4	21.82	21.69	21.71	22.50	22.02	21.91	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.07	22.14	21.98	23.00	22.26	22.35	22.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.98	22.29	22.07	23.00	22.17	22.50	22.30	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.62	21.71	21.47	22.50	21.80	21.88	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.50	21.86	21.70	22.50	21.62	22.04	21.92	22.50
3GPP Rel 6	HSUPA Subtest-1	22.24	22.07	22.19	23.00	22.45	22.31	22.36	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.26	20.15	21.00	20.45	20.49	20.27	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.22	21.11	22.00	21.37	21.37	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.29	20.24	20.09	21.00	20.47	20.39	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	22.25	22.31	22.14	23.00	22.45	22.45	22.35	23.00

Band 2 Ant0 ECI2

BW [MHz]	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	22.61	22.62	22.56	24	0
20	QPSK	1	49	22.41	22.53	22.42		
20	QPSK	1	99	22.42	22.56	22.44		
20	QPSK	50	0	21.75	21.82	21.68	23	1
20	QPSK	50	24	21.76	21.79	21.65		
20	QPSK	50	50	21.66	21.74	21.68		
20	16QAM	100	0	20.64	20.73	20.71		
20	16QAM	1	0	21.63	21.67	21.53	23	1
20	16QAM	1	49	21.48	21.59	21.49		
20	16QAM	1	99	21.47	21.62	21.57		
20	16QAM	50	0	20.52	20.65	20.51	22	2
20	16QAM	50	24	20.46	20.51	20.38		
20	16QAM	50	50	20.46	20.58	20.47		
20	16QAM	100	0	20.62	20.71	20.66		
20	64QAM	1	0	20.63	20.78	20.67	22	2
20	64QAM	1	49	20.52	20.66	20.59		
20	64QAM	1	99	20.54	20.61	20.53		
20	64QAM	50	0	19.56	19.60	19.47	21	3
20	64QAM	50	24	19.45	19.52	19.44		
20	64QAM	50	50	19.44	19.56	19.49		
20	64QAM	100	0	19.55	19.69	19.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.52	22.58	22.43	24	0
15	QPSK	1	37	22.33	22.48	22.38		
15	QPSK	1	74	22.36	22.46	22.31		
15	QPSK	36	0	21.65	21.78	21.63	23	1
15	QPSK	36	20	21.65	21.70	21.59		
15	QPSK	36	39	21.60	21.61	21.65		
15	QPSK	75	0	21.57	21.66	21.66		
15	16QAM	1	0	21.54	21.60	21.40	23	1
15	16QAM	1	37	21.36	21.45	21.35		
15	16QAM	1	74	21.33	21.55	21.51		
15	16QAM	36	0	20.39	20.51	20.45	22	2
15	16QAM	36	20	20.32	20.47	20.31		
15	16QAM	36	39	20.39	20.54	20.38		
15	16QAM	75	0	20.53	20.62	20.53		
15	64QAM	1	0	20.48	20.61	20.55	22	2
15	64QAM	1	37	20.49	20.55	20.52		
15	64QAM	1	74	20.42	20.56	20.45		
15	64QAM	36	0	19.50	19.49	19.39	21	3
15	64QAM	36	20	19.31	19.47	19.33		
15	64QAM	36	39	19.33	19.42	19.44		
15	64QAM	75	0	19.43	19.60	19.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.48	22.50	22.51	24	0
10	QPSK	1	25	22.37	22.40	22.34		
10	QPSK	1	49	22.29	22.40	22.39		
10	QPSK	25	0	21.71	21.75	21.58	23	1
10	QPSK	25	12	21.70	21.69	21.56		
10	QPSK	25	25	21.51	21.59	21.56		
10	QPSK	50	0	21.64	21.65	21.62		
10	16QAM	1	0	21.59	21.56	21.42	23	1
10	16QAM	1	25	21.39	21.45	21.41		
10	16QAM	1	49	21.42	21.50	21.43		
10	16QAM	25	0	20.42	20.56	20.47	22	2
10	16QAM	25	12	20.36	20.46	20.29		
10	16QAM	25	25	20.36	20.48	20.36		
10	16QAM	50	0	20.47	20.62	20.51		
10	64QAM	1	0	20.53	20.65	20.62	22	2
10	64QAM	1	25	20.42	20.55	20.48		
10	64QAM	1	49	20.41	20.46	20.46		
10	64QAM	25	0	19.51	19.52	19.33	21	3
10	64QAM	25	12	19.38	19.43	19.36		
10	64QAM	25	25	19.33	19.49	19.35		
10	64QAM	50	0	19.42	19.63	19.59		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.53	22.49	22.51	24	0
5	QPSK	1	12	22.36	22.49	22.32		
5	QPSK	1	24	22.28	22.43	22.30		
5	QPSK	12	0	21.72	21.71	21.58	23	1
5	QPSK	12	7	21.64	21.67	21.59		
5	QPSK	12	13	21.59	21.68	21.64		
5	QPSK	25	0	21.55	21.70	21.58		
5	16QAM	1	0	21.50	21.61	21.49	23	1
5	16QAM	1	12	21.41	21.49	21.46		
5	16QAM	1	24	21.39	21.51	21.48		
5	16QAM	12	0	20.42	20.56	20.37	22	2
5	16QAM	12	7	20.42	20.43	20.29		
5	16QAM	12	13	20.39	20.45	20.38		
5	16QAM	25	0	20.52	20.59	20.57		
5	64QAM	1	0	20.51	20.65	20.55	22	2
5	64QAM	1	12	20.46	20.58	20.46		
5	64QAM	1	24	20.45	20.54	20.46		
5	64QAM	12	0	19.42	19.53	19.33	21	3
5	64QAM	12	7	19.32	19.44	19.36		
5	64QAM	12	13	19.38	19.44	19.38		
5	64QAM	25	0	19.40	19.59	19.56		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.50	22.52	22.46	24	0
3	QPSK	1	8	22.27	22.41	22.37		
3	QPSK	1	14	22.31	22.45	22.38		
3	QPSK	8	0	21.66	21.72	21.58	23	1
3	QPSK	8	4	21.63	21.71	21.58		
3	QPSK	8	7	21.62	21.62	21.55		
3	QPSK	15	0	21.60	21.72	21.58		
3	16QAM	1	0	21.55	21.56	21.42	23	1
3	16QAM	1	8	21.34	21.52	21.36		
3	16QAM	1	14	21.43	21.51	21.49		
3	16QAM	8	0	20.46	20.56	20.44	22	2
3	16QAM	8	4	20.36	20.37	20.24		
3	16QAM	8	7	20.40	20.52	20.34		
3	16QAM	15	0	20.53	20.66	20.52		
3	64QAM	1	0	20.51	20.62	20.59	22	2
3	64QAM	1	8	20.42	20.55	20.52		
3	64QAM	1	14	20.42	20.53	20.46		
3	64QAM	8	0	19.47	19.54	19.44	21	3
3	64QAM	8	4	19.38	19.46	19.40		
3	64QAM	8	7	19.40	19.49	19.45		
3	64QAM	15	0	19.43	19.59	19.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.57	22.49	22.50	24	0
1.4	QPSK	1	3	22.37	22.46	22.35		
1.4	QPSK	1	5	22.28	22.50	22.41		
1.4	QPSK	3	0	22.45	22.53	22.38		
1.4	QPSK	3	1	22.41	22.53	22.32		
1.4	QPSK	3	3	22.34	22.49	22.41		
1.4	QPSK	6	0	21.55	21.69	21.57	23	1
1.4	16QAM	1	0	21.59	21.53	21.46	23	1
1.4	16QAM	1	3	21.34	21.52	21.34		
1.4	16QAM	1	5	21.33	21.58	21.42		
1.4	16QAM	3	0	21.40	21.54	21.39		
1.4	16QAM	3	1	21.41	21.38	21.34		
1.4	16QAM	3	3	21.42	21.49	21.37		
1.4	16QAM	6	0	20.53	20.62	20.51	22	2
1.4	64QAM	1	0	20.58	20.60	20.57	22	2
1.4	64QAM	1	3	20.40	20.61	20.49		
1.4	64QAM	1	5	20.40	20.55	20.39		
1.4	64QAM	3	0	20.50	20.47	20.41		
1.4	64QAM	3	1	20.34	20.49	20.32		
1.4	64QAM	3	3	20.40	20.52	20.40		
1.4	64QAM	6	0	19.46	19.55	19.57	21	3

Band 4 Ant0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.54	22.46	24	0
20	QPSK	1	49	22.43	22.51	22.41		
20	QPSK	1	99	22.35	22.46	22.37		
20	QPSK	50	0	21.79	21.85	21.81	23	1
20	QPSK	50	24	21.75	21.82	21.75		
20	QPSK	50	50	21.62	21.76	21.69		
20	QPSK	100	0	21.69	21.80	21.70		
20	16QAM	1	0	21.75	21.83	21.69	23	1
20	16QAM	1	49	21.60	21.74	21.67		
20	16QAM	1	99	21.71	21.78	21.74		
20	16QAM	50	0	20.68	20.80	20.66	22	2
20	16QAM	50	24	20.67	20.75	20.72		
20	16QAM	50	50	20.64	20.71	20.60		
20	16QAM	100	0	20.73	20.78	20.74		
20	64QAM	1	0	20.68	20.76	20.62	22	2
20	64QAM	1	49	20.57	20.67	20.55		
20	64QAM	1	99	20.62	20.72	20.67		
20	64QAM	50	0	19.75	19.84	19.78	21	3
20	64QAM	50	24	19.72	19.80	19.69		
20	64QAM	50	50	19.67	19.78	19.69		
20	64QAM	100	0	19.70	19.83	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.27	22.48	22.34	24	0
15	QPSK	1	37	22.35	22.39	22.29		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	21.70	21.81	21.72	23	1
15	QPSK	36	20	21.67	21.71	21.64		
15	QPSK	36	39	21.48	21.63	21.55		
15	QPSK	75	0	21.54	21.66	21.63		
15	16QAM	1	0	21.64	21.73	21.62	23	1
15	16QAM	1	37	21.47	21.66	21.61		
15	16QAM	1	74	21.64	21.69	21.60		
15	16QAM	36	0	20.55	20.68	20.54	22	2
15	16QAM	36	20	20.62	20.65	20.68		
15	16QAM	36	39	20.53	20.56	20.54		
15	16QAM	75	0	20.65	20.69	20.65		
15	64QAM	1	0	20.56	20.72	20.50	22	2
15	64QAM	1	37	20.42	20.58	20.46		
15	64QAM	1	74	20.52	20.57	20.55		
15	64QAM	36	0	19.70	19.79	19.64	21	3
15	64QAM	36	20	19.58	19.65	19.62		
15	64QAM	36	39	19.53	19.70	19.60		
15	64QAM	75	0	19.60	19.70	19.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.36	22.46	22.33	24	0
10	QPSK	1	25	22.30	22.45	22.30		
10	QPSK	1	49	22.22	22.42	22.31		
10	QPSK	25	0	21.66	21.81	21.74	23	1
10	QPSK	25	12	21.65	21.75	21.65		
10	QPSK	25	25	21.55	21.67	21.66		
10	QPSK	50	0	21.63	21.73	21.58		
10	16QAM	1	0	21.66	21.80	21.57	23	1
10	16QAM	1	25	21.54	21.67	21.63		
10	16QAM	1	49	21.67	21.66	21.67		
10	16QAM	25	0	20.58	20.71	20.59	22	2
10	16QAM	25	12	20.53	20.62	20.68		
10	16QAM	25	25	20.51	20.61	20.51		
10	16QAM	50	0	20.62	20.64	20.65		
10	64QAM	1	0	20.56	20.63	20.48	22	2
10	64QAM	1	25	20.51	20.54	20.42		
10	64QAM	1	49	20.48	20.66	20.61		
10	64QAM	25	0	19.71	19.74	19.70	21	3
10	64QAM	25	12	19.68	19.68	19.54		
10	64QAM	25	25	19.58	19.67	19.55		
10	64QAM	50	0	19.66	19.69	19.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.35	22.50	22.34	24	0
5	QPSK	1	12	22.28	22.42	22.38		
5	QPSK	1	24	22.27	22.37	22.31		
5	QPSK	12	0	21.71	21.81	21.69	23	1
5	QPSK	12	7	21.62	21.74	21.70		
5	QPSK	12	13	21.47	21.72	21.63		
5	QPSK	25	0	21.58	21.68	21.57		
5	16QAM	1	0	21.70	21.72	21.58	23	1
5	16QAM	1	12	21.51	21.68	21.55		
5	16QAM	1	24	21.64	21.74	21.61		
5	16QAM	12	0	20.54	20.70	20.59	22	2
5	16QAM	12	7	20.53	20.63	20.62		
5	16QAM	12	13	20.54	20.66	20.56		
5	16QAM	25	0	20.67	20.68	20.64		
5	64QAM	1	0	20.53	20.71	20.53	22	2
5	64QAM	1	12	20.43	20.55	20.49		
5	64QAM	1	24	20.58	20.60	20.61		
5	64QAM	12	0	19.71	19.80	19.73	21	3
5	64QAM	12	7	19.58	19.67	19.63		
5	64QAM	12	13	19.63	19.71	19.61		
5	64QAM	25	0	19.55	19.71	19.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.35	22.42	22.37	24	0
3	QPSK	1	8	22.30	22.46	22.30		
3	QPSK	1	14	22.28	22.36	22.27		
3	QPSK	8	0	21.73	21.80	21.75	23	1
3	QPSK	8	4	21.63	21.70	21.61		
3	QPSK	8	7	21.53	21.71	21.56		
3	QPSK	15	0	21.62	21.65	21.60		
3	16QAM	1	0	21.70	21.76	21.61	23	1
3	16QAM	1	8	21.49	21.64	21.60		
3	16QAM	1	14	21.61	21.65	21.69		
3	16QAM	8	0	20.63	20.69	20.53	22	2
3	16QAM	8	4	20.55	20.61	20.60		
3	16QAM	8	7	20.54	20.65	20.54		
3	16QAM	15	0	20.60	20.70	20.63		
3	64QAM	1	0	20.61	20.63	20.58	22	2
3	64QAM	1	8	20.42	20.54	20.43		
3	64QAM	1	14	20.47	20.67	20.63		
3	64QAM	8	0	19.62	19.78	19.73	21	3
3	64QAM	8	4	19.58	19.75	19.59		
3	64QAM	8	7	19.64	19.73	19.54		
3	64QAM	15	0	19.66	19.68	19.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.28	22.40	22.32	24	0
1.4	QPSK	1	3	22.37	22.42	22.26		
1.4	QPSK	1	5	22.30	22.34	22.31		
1.4	QPSK	3	0	22.34	22.49	22.42		
1.4	QPSK	3	1	22.33	22.42	22.32		
1.4	QPSK	3	3	22.28	22.39	22.36		
1.4	QPSK	6	0	21.60	21.68	21.56	23	1
1.4	16QAM	1	0	21.65	21.70	21.58	23	1
1.4	16QAM	1	3	21.47	21.67	21.60		
1.4	16QAM	1	5	21.67	21.66	21.60		
1.4	16QAM	3	0	21.62	21.72	21.56		
1.4	16QAM	3	1	21.54	21.67	21.64		
1.4	16QAM	3	3	21.55	21.67	21.53		
1.4	16QAM	6	0	20.64	20.72	20.68	22	2
1.4	64QAM	1	0	20.55	20.63	20.54	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.57	20.63	20.59		
1.4	64QAM	3	0	20.70	20.72	20.74		
1.4	64QAM	3	1	20.60	20.66	20.60		
1.4	64QAM	3	3	20.61	20.64	20.64		
1.4	64QAM	6	0	19.56	19.69	19.66	21	3

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.99	23.12	23.07	24	0
10	QPSK	1	25	22.98	23.07	23.02		
10	QPSK	1	49	22.91	23.03	22.99		
10	QPSK	25	0	21.99	22.05	21.91	23	1
10	QPSK	25	12	21.94	21.99	21.90		
10	QPSK	25	25	21.84	21.94	21.80		
10	QPSK	50	0	21.96	22.04	21.90		
10	16QAM	1	0	22.12	22.20	22.14	23	1
10	16QAM	1	25	22.09	22.16	22.05		
10	16QAM	1	49	21.97	22.11	21.96		
10	16QAM	25	0	21.04	21.12	21.09	22	2
10	16QAM	25	12	20.96	21.04	20.90		
10	16QAM	25	25	20.90	21.02	20.98		
10	16QAM	50	0	21.02	21.10	21.00		
10	64QAM	1	0	21.06	21.18	21.07	22	2
10	64QAM	1	25	21.12	21.16	21.04		
10	64QAM	1	49	20.93	21.07	20.97		
10	64QAM	25	0	19.98	20.11	19.99	21	3
10	64QAM	25	12	19.96	20.08	20.00		
10	64QAM	25	25	20.00	20.08	19.95		
10	64QAM	50	0	20.02	20.11	20.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.91	23.07	22.93	24	0
5	QPSK	1	12	22.92	23.01	22.95		
5	QPSK	1	24	22.87	22.92	22.84		
5	QPSK	12	0	21.95	21.96	21.81	23	1
5	QPSK	12	7	21.84	21.89	21.85		
5	QPSK	12	13	21.78	21.84	21.74		
5	QPSK	25	0	21.89	21.93	21.82		
5	16QAM	1	0	21.99	22.06	22.06	23	1
5	16QAM	1	12	22.00	22.03	22.01		
5	16QAM	1	24	21.92	22.03	21.82		
5	16QAM	12	0	20.99	21.07	20.96	22	2
5	16QAM	12	7	20.91	20.93	20.86		
5	16QAM	12	13	20.83	20.93	20.86		
5	16QAM	25	0	20.90	20.97	20.88		
5	64QAM	1	0	21.04	21.14	21.03	22	2
5	64QAM	1	12	21.02	21.12	21.01		
5	64QAM	1	24	20.86	20.94	20.92		
5	64QAM	12	0	19.94	20.05	19.93	21	3
5	64QAM	12	7	19.83	20.02	19.85		
5	64QAM	12	13	19.91	20.05	19.82		
5	64QAM	25	0	19.97	19.97	19.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.91	23.04	23.03	24	0
3	QPSK	1	8	22.88	22.93	22.97		
3	QPSK	1	14	22.83	22.94	22.81		
3	QPSK	8	0	21.84	21.92	21.78	23	1
3	QPSK	8	4	21.81	21.90	21.81		
3	QPSK	8	7	21.70	21.86	21.72		
3	QPSK	15	0	21.92	21.98	21.87		
3	16QAM	1	0	21.98	22.06	22.02	23	1
3	16QAM	1	8	21.96	22.12	21.95		
3	16QAM	1	14	21.92	21.98	21.89		
3	16QAM	8	0	20.99	21.02	21.00	22	2
3	16QAM	8	4	20.87	20.93	20.86		
3	16QAM	8	7	20.83	20.89	20.88		
3	16QAM	15	0	20.87	21.07	20.90		
3	64QAM	1	0	20.96	21.03	20.93	22	2
3	64QAM	1	8	21.08	21.10	21.01		
3	64QAM	1	14	20.81	20.98	20.86		
3	64QAM	8	0	19.87	20.05	19.87	21	3
3	64QAM	8	4	19.82	19.99	19.95		
3	64QAM	8	7	19.91	20.03	19.81		
3	64QAM	15	0	19.89	20.05	19.94		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.91	22.97	22.93	24	0
1.4	QPSK	1	3	22.86	22.93	22.96		
1.4	QPSK	1	5	22.78	22.89	22.81		
1.4	QPSK	3	0	22.85	22.98	22.78		
1.4	QPSK	3	1	22.90	22.90	22.80		
1.4	QPSK	3	3	22.75	22.82	22.71		
1.4	QPSK	6	0	21.92	21.94	21.76	23	1
1.4	16QAM	1	0	22.05	22.09	21.99	23	1
1.4	16QAM	1	3	22.04	22.10	21.90		
1.4	16QAM	1	5	21.83	22.00	21.93		
1.4	16QAM	3	0	21.96	22.04	21.95		
1.4	16QAM	3	1	21.92	21.99	21.80		
1.4	16QAM	3	3	21.87	21.93	21.86		
1.4	16QAM	6	0	20.89	21.07	20.87	22	2
1.4	64QAM	1	0	21.04	21.07	20.93	22	2
1.4	64QAM	1	3	20.98	21.06	20.99		
1.4	64QAM	1	5	20.82	20.94	20.88		
1.4	64QAM	3	0	20.84	20.97	20.85		
1.4	64QAM	3	1	20.88	20.98	20.93		
1.4	64QAM	3	3	20.91	20.96	20.91		
1.4	64QAM	6	0	19.91	19.97	19.86	21	3

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.21	22.47	22.45	24	0
20	QPSK	1	49	22.19	22.40	22.35		
20	QPSK	1	99	22.16	22.37	22.26		
20	QPSK	50	0	21.52	21.69	21.56	23	1

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.70	22.77	22.73		
10	QPSK	1	25	22.64	22.68	22.59	24	0
10	QPSK	1	49	22.51	22.63	22.56		
10	QPSK	25	0	21.56	21.66	21.52		
10	QPSK	25	12	21.55	21.63	21.53	23	1
10	QPSK	25	25	21.52	21.60	21.50		
10	QPSK	50	0	21.56	21.66	21.57		
10	16QAM	1	0	21.52	21.66	21.61		
10	16QAM	1	25	21.47	21.53	21.48	23	1
10	16QAM	1	49	21.48	21.57	21.51		
10	16QAM	25	0	20.50	20.59	20.47		
10	16QAM	25	12	20.39	20.51	20.44	22	2
10	16QAM	25	25	20.51	20.57	20.51		
10	16QAM	50	0	20.50	20.54	20.51		
10	64QAM	1	0	20.59	20.69	20.55		
10	64QAM	1	25	20.53	20.57	20.44	22	2
10	64QAM	1	49	20.51	20.60	20.49		
10	64QAM	25	0	19.54	19.58	19.47		
10	64QAM	25	12	19.41	19.52	19.44	21	3
10	64QAM	25	25	19.54	19.58	19.53		
10	64QAM	50	0	19.38	19.51	19.45		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.59	22.71	22.67		
5	QPSK	1	12	22.54	22.60	22.45	24	0
5	QPSK	1	24	22.48	22.53	22.50		
5	QPSK	12	0	21.46	21.62	21.48		
5	QPSK	12	7	21.47	21.57	21.44	23	1
5	QPSK	12	13	21.44	21.48	21.47		
5	QPSK	25	0	21.42	21.54	21.52		
5	16QAM	1	0	21.41	21.58	21.46		
5	16QAM	1	12	21.33	21.41	21.43	23	1
5	16QAM	1	24	21.34	21.49	21.43		
5	16QAM	12	0	20.41	20.46	20.43		
5	16QAM	12	7	20.33	20.43	20.34	22	2
5	16QAM	12	13	20.40	20.48	20.37		
5	16QAM	25	0	20.41	20.42	20.37		
5	64QAM	1	0	20.55	20.65	20.50		
5	64QAM	1	12	20.49	20.46	20.30	22	2
5	64QAM	1	24	20.45	20.57	20.38		
5	64QAM	12	0	19.43	19.52	19.37		
5	64QAM	12	7	19.32	19.37	19.40	21	3
5	64QAM	12	13	19.49	19.49	19.44		
5	64QAM	25	0	19.33	19.38	19.40		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.70	22.63		
3	QPSK	1	8	22.53	22.60	22.52	24	0
3	QPSK	1	14	22.40	22.52	22.48		
3	QPSK	8	0	21.52	21.55	21.47		
3	QPSK	8	4	21.50	21.59	21.44	23	1
3	QPSK	8	7	21.45	21.55	21.44		
3	QPSK	15	0	21.45	21.55	21.43		
3	16QAM	1	0	21.39	21.63	21.51		
3	16QAM	1	8	21.43	21.39	21.41	23	1
3	16QAM	1	14	21.42	21.50	21.42		
3	16QAM	8	0	20.42	20.46	20.39		
3	16QAM	8	4	20.34	20.40	20.38	22	2
3	16QAM	8	7	20.38	20.53	20.45		
3	16QAM	15	0	20.46	20.44	20.41		
3	64QAM	1	0	20.50	20.55	20.43		
3	64QAM	1	8	20.43	20.48	20.32	22	2
3	64QAM	1	14	20.36	20.48	20.42		
3	64QAM	8	0	19.40	19.47	19.32		
3	64QAM	8	4	19.29	19.45	19.30	21	3
3	64QAM	8	7	19.50	19.50	19.50		
3	64QAM	15	0	19.29	19.38	19.41		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.67	22.67		
1.4	QPSK	1	3	22.60	22.62	22.50		
1.4	QPSK	1	5	22.38	22.57	22.43	24	0
1.4	QPSK	3	0	22.51	22.61	22.42		
1.4	QPSK	3	1	22.48	22.54	22.44		
1.4	QPSK	3	3	22.40	22.51	22.45		
1.4	QPSK	6	0	21.47	21.57	21.45	23	1
1.4	16QAM	1	0	21.46	21.63	21.57		
1.4	16QAM	1	3	21.37	21.43	21.38		
1.4	16QAM	1	5	21.38	21.47	21.37	23	1
1.4	16QAM	3	0	21.43	21.49	21.34		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.40	21.53	21.39		
1.4	16QAM	6	0	20.40	20.43	20.40	22	2
1.4	64QAM	1	0	20.48	20.65	20.51		
1.4	64QAM	1	3	20.46	20.51	20.39		
1.4	64QAM	1	5	20.39	20.54	20.43	22	2
1.4	64QAM	3	0	20.45	20.46	20.35		
1.4	64QAM	3	1	20.37	20.39	20.36		
1.4	64QAM	3	3	20.46	20.55	20.40		
1.4	64QAM	6	0	19.27	19.47	19.33	21	3

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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					23220			
Frequency (MHz)					782			
10	QPSK	1	0		22.89			
10	QPSK	1	25		22.73		24	0
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.70			
10	QPSK	25	12		21.65		23	1
10	QPSK	25	25		21.62			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.67			
10	16QAM	1	25		21.59		23	1
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.49		22	2
10	16QAM	25	25		20.42			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.69			
10	64QAM	1	25		20.64		22	2
10	64QAM	1	49		20.52			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.53		21	3
10	64QAM	25	25		19.41			
10	64QAM	50	0		19.50			
Channel				23305	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.74	22.70		
5	QPSK	1	12	22.65	22.59	22.61	24	0
5	QPSK	1	24	22.48	22.62	22.50		
5	QPSK	12	0	21.49	21.59	21.50		
5	QPSK	12	7	21.38	21.58	21.52	23	1
5	QPSK	12	13	21.48	21.58	21.46		
5	QPSK	25	0	21.47	21.54	21.47		
5	16QAM	1	0	21.47	21.62	21.41		
5	16QAM	1	12	21.42	21.50	21.32	23	1
5	16QAM	1	24	21.42	21.47	21.34		
5	16QAM	12	0	20.34	20.44	20.41		
5	16QAM	12	7	20.37	20.44	20.26	22	2
5	16QAM	12	13	20.21	20.28	20.26		
5	16QAM	25	0	20.40	20.51	20.36		
5	64QAM	1	0	20.44	20.62	20.42		
5	64QAM	1	12	20.44	20.50	20.47	22	2
5	64QAM	1	24	20.33	20.44	20.40		
5	64QAM	12	0	19.33	19.46	19.31		
5	64QAM	12	7	19.34	19.48	19.34	21	3
5	64QAM	12	13	19.24	19.27	19.26		
5	64QAM	25	0	19.28	19.38	19.35		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.33	22.57	22.44		
20	QPSK	1	49	22.37	22.44	22.39	24	0
20	QPSK	1	99	22.29	22.41	22.27		
20	QPSK	50	0	21.60	21.63	21.51		
20	QPSK	50	24	21.56	21.61	21.55	23	1
20	QPSK	50	50	21.44	21.54	21.40		
20	QPSK	100	0	21.47	21.59	21.54		
20	16QAM	1	0	21.50	21.55	21.52		
20	16QAM	1	49	21.22	21.34	21.28	23	1
20	16QAM	1	99	21.27	21.40	21.29		
20	16QAM	50	0	20.48	20.55	20.41		
20	16QAM	50	24	20.49	20.54	20.41	22	2
20	16QAM	50	50	20.43	20.47	20.44		
20	16QAM	100	0	20.51	20.56	20.45		
20	64QAM	1	0	20.47	20.57	20.46		
20	64QAM	1	49	20.26	20.37	20.24	22	2
20	64QAM	1	99	20.38	20.48	20.43		
20	64QAM	50	0	19.55	19.63	19.49		
20	64QAM	50	24	19.50	19.62	19.57	21	3
20	64QAM	50	50	19.46	19.52	19.49		
20	64QAM	100	0	19.49	19.58	19.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.53	22.38		
15	QPSK	1	37	22.28	22.33	22.33	24	0
15	QPSK	1	74	22.26	22.30	22.29		
15	QPSK	36	0	21.49	21.56	21.46		
15	QPSK	36	20	21.45	21.47	21.48	23	1
15	QPSK	36	39	21.30	21.44	21.33		
15	QPSK	75	0	21.42	21.55	21.45		
15	16QAM	1	0	21.44	21.50	21.40		
15	16QAM	1	37	21.36	21.30	21.23	23	1
15	16QAM	1	74	21.28	21.29	21.21		
15	16QAM	36	0	20.35	20.50	20.26		
15	16QAM	36	20	20.39	20.48	20.27	22	2
15	16QAM	36	39	20.28	20.39	20.39		
15	16QAM	75	0	20.37	20.46	20.38		
15	64QAM	1	0	20.32	20.52	20.40		
15	64QAM	1	37	20.25	20.29	20.29	22	2
15	64QAM	1	74	20.28	20.44	20.35		
15	64QAM	36	0	19.46	19.57	19.41		
15	64QAM	36	20	19.46	19.54	19.53	21	3
15	64QAM	36	39	19.35	19.47	19.35		
15	64QAM	75	0	19.43	19.49	19.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.28	22.48	22.40		
10	QPSK	1	25	22.29	22.38	22.26	24	0
10	QPSK	1	49	22.26	22.28	22.24		
10	QPSK	25	0	21.49	21.56	21.39		
10	QPSK	25	12	21.49	21.53	21.47	23	1
10	QPSK	25	25	21.31	21.49	21.32		
10	QPSK	50	0	21.36	21.52	21.46		
10	16QAM	1	0	21.39	21.45	21.45		
10	16QAM	1	25	21.26	21.29	21.31	23	1
10	16QAM	1	49	21.23	21.34	21.25		
10	16QAM	25	0	20.44	20.43	20.38		
10	16QAM	25	12	20.35	20.42	20.30	22	2
10	16QAM	25	25	20.39	20.35	20.37		
10	16QAM	50	0	20.37	20.45	20.35		
10	64QAM	1	0	20.37	20.54	20.41		
10	64QAM	1	25	20.23	20.22	20.27	22	2
10	64QAM	1	49	20.33	20.39	20.39		
10	64QAM	25	0	19.51	19.55	19.46		
10	64QAM	25	12	19.40	19.55	19.47	21	3
10	64QAM	25	25	19.40	19.46	19.34		
10	64QAM	50	0	19.46	19.52	19.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.28	22.50	22.37		
5	QPSK	1	12	22.30	22.40	22.33	24	0
5	QPSK	1	24	22.29	22.38	22.24		
5	QPSK	12	0	21.55	21.53	21.37		
5	QPSK	12	7	21.45	21.49	21.45	23	1
5	QPSK	12	13	21.37	21.45	21.30		
5	QPSK	25	0	21.42	21.49	21.39		
5	16QAM	1	0	21.40	21.49	21.38		
5	16QAM	1	12	21.26	21.21	21.24	23	1
5	16QAM	1	24	21.22	21.25	21.30		
5	16QAM	12	0	20.34	20.43	20.34		
5	16QAM	12	7	20.44	20.48	20.37	22	2
5	16QAM	12	13	20.36	20.42	20.37		
5	16QAM	25	0	20.47	20.48	20.33		
5	64QAM	1	0	20.33	20.50	20.41		
5	64QAM	1	12	20.36	20.34	20.23	22	2
5	64QAM	1	24	20.32	20.34	20.33		
5	64QAM	12	0	19.51	19.48	19.43		
5	64QAM	12	7	19.44	19.56	19.48	21	3
5	64QAM	12	13	19.43	19.46	19.39		
5	64QAM	25	0	19.37	19.47	19.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.24	22.43	22.32		
3	QPSK	1	8	22.28	22.38	22.34	24	0
3	QPSK	1	14	22.24	22.35	22.27		
3	QPSK	8	0	21.53	21.57	21.46		
3	QPSK	8	4	21.44	21.50	21.43	23	1
3	QPSK	8	7	21.31	21.49	21.26		
3	QPSK	15	0	21.34	21.44	21.42		
3	16QAM	1	0	21.40	21.48	21.43		
3	16QAM	1	8	21.34	21.29	21.23	23	1
3	16QAM	1	14	21.29	21.36	21.23		
3	16QAM	8	0	20.40	20.43	20.33		
3	16QAM	8	4	20.42	20.46	20.27	22	2
3	16QAM	8	7	20.38	20.35	20.37		
3	16QAM	15	0	20.48	20.49	20.33		
3	64QAM	1	0	20.33	20.51	20.37		
3	64QAM	1	8	20.22	20.32	20.23	22	2
3	64QAM	1	14	20.28	20.38	20.39		
3	64QAM	8	0	19.40	19.51	19.46		
3	64QAM	8	4	19.47	19.52	19.49	21	3
3	64QAM	8	7	19.39	19.43	19.39		
3	64QAM	15	0	19.37	19.47	19.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.45	22.33		
1.4	QPSK	1	3	22.22	22.40	22.34		
1.4	QPSK	1	5	22.24	22.31	22.29	24	0
1.4	QPSK	3	0	22.51	22.49	22.38		
1.4	QPSK	3	1	22.49	22.50	22.48		
1.4	QPSK	3	3	22.31	22.45	22.30		
1.4	QPSK	6	0	21.35	21.44	21.43	23	1
1.4	16QAM	1	0	21.41	21.43	21.42		
1.4	16QAM	1	3	21.22	21.22	21.23		
1.4	16QAM	1	5	21.22	21.30	21.30	23	1
1.4	16QAM	3	0	21.34	21.50	21.28		
1.4	16QAM	3	1	21.36	21.45	21.27		
1.4	16QAM	3	3	21.33	21.33	21.33		
1.4	16QAM	6	0	20.38	20.53	20.33	22	2
1.4	64QAM	1	0	20.37	20.43	20.34		
1.4	64QAM	1	3	20.23	20.34	20.24		
1.4	64QAM	1	5	20.26	20.34	20.38	22	2
1.4	64QAM	3	0	20.51	20.48	20.35		
1.4	64QAM	3	1	20.43	20.48	20.44		
1.4	64QAM	3	3	20.39	20.38	20.43		
1.4	64QAM	6	0	19.46	19.51	19.35	21	3

Band 2 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.48	15.56	15.33	16.6	0
20	QPSK	1	49	15.25	15.29	15.24		
20	QPSK	1	99	15.20	15.32	15.22		
20	QPSK	50	0	14.61	14.66	14.53	15.6	1
20	QPSK	50	24	14.51	14.61	14.47		
20	QPSK	50	50	14.61	14.63	14.53		
20	QPSK	100	0	14.60	14.62	14.60		
20	16QAM	1	0	14.48	14.61	14.53		
20	16QAM	1	49	14.45	14.50	14.39	15.6	1
20	16QAM	1	99	14.47	14.58	14.53		
20	16QAM	50	0	13.56	13.67	13.52	14.6	2
20	16QAM	50	24	13.51	13.59	13.42		
20	16QAM	50	50	13.61	13.66	13.60		
20	16QAM	100	0	13.67	13.74	13.61		
20	64QAM	1	0	13.61	13.59	13.52	14.6	2
20	64QAM	1	49	13.46	13.54	13.44		
20	64QAM	1	99	13.49	13.52	13.42		
20	64QAM	50	0	12.60	12.62	12.54	13.6	3
20	64QAM	50	24	12.45	12.69	12.53		
20	64QAM	50	50	12.58	12.71	12.62		
20	64QAM	100	0	12.67	12.73	12.70		
20	256QAM	1	0	10.73	10.80	10.71	11.6	5
20	256QAM	1	49	10.58	10.62	10.58		
20	256QAM	1	99	10.61	10.70	10.71		
20	256QAM	50	0	10.70	10.70	10.69	11.6	5
20	256QAM	50	24	10.63	10.62	10.58		
20	256QAM	50	50	10.63	10.62	10.71		
20	256QAM	100	0	10.68	10.66	10.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.28	15.22	15.20	16.6	0
15	QPSK	1	37	15.31	15.21	15.29		
15	QPSK	1	74	15.26	15.20	15.21		
15	QPSK	36	0	14.70	14.79	14.60	15.6	1
15	QPSK	36	20	14.58	14.69	14.56		
15	QPSK	36	39	14.74	14.68	14.63		
15	QPSK	75	0	14.76	14.78	14.67		
15	16QAM	1	0	14.57	14.71	14.66	15.6	1
15	16QAM	1	37	14.53	14.58	14.50		
15	16QAM	1	74	14.60	14.62	14.65		
15	16QAM	36	0	13.63	13.76	13.61	14.6	2
15	16QAM	36	20	13.63	13.71	13.51		
15	16QAM	36	39	13.66	13.75	13.73		
15	16QAM	75	0	13.77	13.80	13.72		
15	64QAM	1	0	13.69	13.63	13.64	14.6	2
15	64QAM	1	37	13.59	13.61	13.53		
15	64QAM	1	74	13.58	13.60	13.56		
15	64QAM	36	0	12.63	12.70	12.63	13.6	3
15	64QAM	36	20	12.58	12.77	12.60		
15	64QAM	36	39	12.67	12.74	12.76		
15	64QAM	75	0	12.83	12.83	12.81		
15	256QAM	1	0	10.61	10.65	10.64	11.6	5
15	256QAM	1	37	10.47	10.52	10.49		
15	256QAM	1	74	10.54	10.63	10.61		
15	256QAM	36	0	10.61	10.62	10.59	11.6	5
15	256QAM	36	20	10.54	10.53	10.47		
15	256QAM	36	39	10.52	10.50	10.61		
15	256QAM	75	0	10.53	10.54	10.48		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.09	15.32	15.22	16.6	0
10	QPSK	1	25	15.10	15.19	15.09		
10	QPSK	1	49	15.06	15.22	15.22		
10	QPSK	25	0	14.51	14.58	14.39	15.6	1
10	QPSK	25	12	14.39	14.47	14.35		
10	QPSK	25	25	14.53	14.47	14.40		
10	QPSK	50	0	14.57	14.60	14.46		
10	16QAM	1	0	14.35	14.52	14.44	15.6	1
10	16QAM	1	25	14.34	14.38	14.27		
10	16QAM	1	49	14.37	14.39	14.43		
10	16QAM	25	0	13.45	13.57	13.40	14.6	2
10	16QAM	25	12	13.40	13.50	13.30		
10	16QAM	25	25	13.49	13.56	13.56		
10	16QAM	50	0	13.59	13.58	13.51		
10	64QAM	1	0	13.46	13.41	13.42	14.6	2
10	64QAM	1	25	13.36	13.43	13.33		
10	64QAM	1	49	13.40	13.38	13.35		
10	64QAM	25	0	12.40	12.48	12.43	13.6	3
10	64QAM	25	12	12.37	12.59	12.39		
10	64QAM	25	25	12.48	12.55	12.54		
10	64QAM	50	0	12.62	12.62	12.63		
10	256QAM	1	0	10.40	10.47	10.43	11.6	5
10	256QAM	1	25	10.50	10.50	10.47		
10	256QAM	1	49	10.54	10.62	10.57		
10	256QAM	25	0	10.61	10.63	10.58	11.6	5
10	256QAM	25	12	10.55	10.53	10.49		
10	256QAM	25	25	10.54	10.52	10.61		
10	256QAM	50	0	10.55	10.56	10.51		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.09	15.31	15.20	16.6	0
5	QPSK	1	12	15.12	15.19	15.11		
5	QPSK	1	24	15.09	15.20	15.22		
5	QPSK	12	0	14.49	14.58	14.38	15.6	1
5	QPSK	12	7	14.39	14.46	14.34		
5	QPSK	12	13	14.51	14.47	14.44		
5	QPSK	25	0	14.57	14.59	14.45		
5	16QAM	1	0	14.35	14.50	14.44	15.6	1
5	16QAM	1	12	14.35	14.39	14.27		
5	16QAM	1	24	14.41	14.42	14.43		
5	16QAM	12	0	13.40	13.55	13.39	14.6	2
5	16QAM	12	7	13.44	13.49	13.31		
5	16QAM	12	13	13.46	13.54	13.52		
5	16QAM	25	0	13.55	13.62	13.52		
5	64QAM	1	0	13.51	13.43	13.41	14.6	2
5	64QAM	1	12	13.37	13.40	13.31		
5	64QAM	1	24	13.36	13.42	13.36		
5	64QAM	12	0	12.45	12.51	12.41	13.6	3
5	64QAM	12	7	12.37	12.60	12.38		
5	64QAM	12	13	12.47	12.54	12.53		
5	64QAM	25	0	12.65	12.62	12.62		
5	256QAM	1	0	10.38	10.43	10.41	11.6	5
5	256QAM	1	12	10.44	10.47	10.44		
5	256QAM	1	24	10.49	10.63	10.59		
5	256QAM	12	0	10.61	10.61	10.55	11.6	5
5	256QAM	12	7	10.56	10.54	10.50		
5	256QAM	12	13	10.51	10.52	10.59		
5	256QAM	25	0	10.61	10.58	10.49		
Channel				18611	18900	19189	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.10	15.34	15.20	16.6	0
3	QPSK	1	8	15.10	15.19	15.11		
3	QPSK	1	14	15.09	15.21	15.19		
3	QPSK	8	0	14.50	14.58	14.39	15.6	1
3	QPSK	8	4	14.38	14.50	14.35		
3	QPSK	8	7	14.54	14.51	14.41		
3	QPSK	15	0	14.58	14.61	14.50		
3	16QAM	1	0	14.39	14.54	14.48	15.6	1
3	16QAM	1	8	14.35	14.40	14.28		
3	16QAM	1	14	14.40	14.44	14.45		
3	16QAM	8	0	13.42	13.55	13.42	14.6	2
3	16QAM	8	4	13.42	13.51	13.29		
3	16QAM	8	7	13.49	13.53	13.55		
3	16QAM	15	0	13.58	13.60	13.53		
3	64QAM	1	0	13.51	13.44	13.42	14.6	2
3	64QAM	1	8	13.40	13.40	13.32		
3	64QAM	1	14	13.37	13.41	13.38		
3	64QAM	8	0	12.43	12.49	12.41	13.6	3
3	64QAM	8	4	12.39	12.59	12.42		
3	64QAM	8	7	12.45	12.55	12.57		
3	64QAM	15	0	12.65	12.65	12.59		
3	256QAM	1	0	10.39	10.45	10.42	11.6	5
3	256QAM	1	8	10.44	10.48	10.51		
3	256QAM	1	14	10.52	10.58	10.63		
3	256QAM	8	0	10.60	10.62	10.58	11.6	5
3	256QAM	8	4	10.53	10.47	10.47		
3	256QAM	8	7	10.51	10.48	10.60		
3	256QAM	15	0	10.58	10.57	10.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.06	15.24	15.24	16.6	0
1.4	QPSK	1	3	15.14	15.19	15.06		
1.4	QPSK	1	5	15.08	15.18	15.16		
1.4	QPSK	3	0	15.34	15.34	15.20		
1.4	QPSK	3	1	15.25	15.31	15.22		
1.4	QPSK	3	3	15.33	15.32	15.19		
1.4	QPSK	6	0	14.55	14.58	14.45	15.6	1
1.4	16QAM	1	0	14.33	14.51	14.46	15.6	1
1.4	16QAM	1	3	14.36	14.36	14.33		
1.4	16QAM	1	5	14.36	14.46	14.42		
1.4	16QAM	3	0	14.49	14.54	14.44		
1.4	16QAM	3	1	14.47	14.51	14.34		
1.4	16QAM	3	3	14.49	14.57	14.56		
1.4	16QAM	6	0	13.59	13.61	13.48	14.6	2
1.4	64QAM	1	0	13.48	13.39	13.41	14.6	2
1.4	64QAM	1	3	13.35	13.40	13.35		
1.4	64QAM	1	5	13.36	13.43	13.33		
1.4	64QAM	3	0	13.47	13.52	13.45		
1.4	64QAM	3	1	13.41	13.52	13.45		
1.4	64QAM	3	3	13.49	13.60	13.47		
1.4	64QAM	6	0	12.61	12.65	12.60	13.6	3
1.4	256QAM	1	0	10.40	10.45	10.45	11.6	5
1.4	256QAM	1	3	10.44	10.50	10.44		
1.4	256QAM	1	5	10.47	10.61	10.60		
1.4	256QAM	3	0	10.62	10.57	10.56		
1.4	256QAM	3	1	10.51	10.53	10.44		
1.4	256QAM	3	3	10.51	10.47	10.60		
1.4	256QAM	6	0	10.53	10.58	10.47	11.6	5

Band 4 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.17	16.24	16.13	17.5	0
20	QPSK	1	49	16.10	16.20	16.15		
20	QPSK	1	99	16.16	16.15	16.22		
20	QPSK	50	0	15.34	15.48	15.32	16.5	1
20	QPSK	50	24	15.28	15.32	15.29		
20	QPSK	50	50	15.42	15.41	15.22		
20	QPSK	100	0	15.31	15.48	15.26		
20	16QAM	1	0	15.37	15.38	15.24	16.5	1
20	16QAM	1	49	15.31	15.43	15.43		
20	16QAM	1	99	15.27	15.44	15.28		
20	16QAM	50	0	14.33	14.44	14.35	15.5	2
20	16QAM	50	24	14.27	14.37	14.20		
20	16QAM	50	50	14.32	14.34	14.24		
20	16QAM	100	0	14.40	14.34	14.38		
20	64QAM	1	0	14.30	14.43	14.28	15.5	2
20	64QAM	1	49	14.21	14.30	14.21		
20	64QAM	1	99	14.27	14.41	14.34		
20	64QAM	50	0	13.29	13.29	13.32	14.5	3
20	64QAM	50	24	13.19	13.27	13.22		
20	64QAM	50	50	13.13	13.24	13.20		
20	64QAM	100	0	13.46	13.40	13.36		
20	256QAM	1	0	11.17	11.22	11.22	12.5	5
20	256QAM	1	49	11.08	11.04	11.17		
20	256QAM	1	99	11.20	11.20	11.07		
20	256QAM	50	0	11.24	11.19	11.16	12.5	5
20	256QAM	50	24	11.07	11.09	11.12		
20	256QAM	50	50	11.14	11.19	11.14		
20	256QAM	100	0	11.04	11.10	11.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.09	16.15	16.02	17.5	0
15	QPSK	1	37	16.12	16.07	16.05		
15	QPSK	1	74	16.06	16.15	16.02		
15	QPSK	36	0	15.11	15.30	15.32	16.5	1
15	QPSK	36	20	15.15	15.26	15.20		
15	QPSK	36	39	15.04	15.17	15.20		
15	QPSK	75	0	15.17	15.26	15.14		
15	16QAM	1	0	15.22	15.33	15.11	16.5	1
15	16QAM	1	37	15.15	15.14	15.05		
15	16QAM	1	74	15.08	15.19	15.14		
15	16QAM	36	0	14.03	14.21	14.10	15.5	2
15	16QAM	36	20	14.09	14.20	14.03		
15	16QAM	36	39	14.06	14.24	14.21		
15	16QAM	75	0	14.05	14.29	14.14		
15	64QAM	1	0	14.18	14.22	14.18	15.5	2
15	64QAM	1	37	14.16	14.30	14.27		
15	64QAM	1	74	14.03	14.13	14.13		
15	64QAM	36	0	13.03	13.20	13.03	14.5	3
15	64QAM	36	20	13.16	13.12	13.08		
15	64QAM	36	39	13.11	13.13	13.17		
15	64QAM	75	0	13.24	13.18	13.03		
15	256QAM	1	0	11.11	11.11	11.17	12.5	5
15	256QAM	1	37	11.05	11.07	11.13		
15	256QAM	1	74	11.16	11.24	11.01		
15	256QAM	36	0	11.20	11.19	11.14	12.5	5
15	256QAM	36	20	11.05	11.10	11.14		
15	256QAM	36	39	11.12	11.17	11.11		
15	256QAM	75	0	11.05	11.08	11.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.11	16.14	16.00	17.5	0
10	QPSK	1	25	16.09	16.09	16.06		
10	QPSK	1	49	16.07	16.18	16.02		
10	QPSK	25	0	15.09	15.30	15.34	16.5	1
10	QPSK	25	12	15.17	15.25	15.20		
10	QPSK	25	25	15.06	15.17	15.20		
10	QPSK	50	0	15.21	15.27	15.15		
10	16QAM	1	0	15.24	15.32	15.09	16.5	1
10	16QAM	1	25	15.16	15.13	15.06		
10	16QAM	1	49	15.12	15.21	15.11		
10	16QAM	25	0	14.06	14.18	14.11	15.5	2
10	16QAM	25	12	14.12	14.21	14.04		
10	16QAM	25	25	14.06	14.24	14.21		
10	16QAM	50	0	14.06	14.29	14.14		
10	64QAM	1	0	14.14	14.21	14.17	15.5	2
10	64QAM	1	25	14.14	14.31	14.27		
10	64QAM	1	49	14.06	14.13	14.12		
10	64QAM	25	0	13.04	13.19	13.02	14.5	3
10	64QAM	25	12	13.14	13.10	13.08		
10	64QAM	25	25	13.11	13.17	13.17		
10	64QAM	50	0	13.20	13.18	13.04		
10	256QAM	1	0	11.15	11.21	11.21	12.5	5
10	256QAM	1	25	11.06	11.04	11.18		
10	256QAM	1	49	11.21	11.22	11.07		
10	256QAM	25	0	11.25	11.22	11.17	12.5	5
10	256QAM	25	12	11.08	11.11	11.10		
10	256QAM	25	25	11.15	11.20	11.13		
10	256QAM	50	0	11.04	11.10	11.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.09	16.16	16.02	17.5	0
5	QPSK	1	12	16.10	16.09	16.06		
5	QPSK	1	24	16.07	16.14	16.00		
5	QPSK	12	0	15.12	15.31	15.32	16.5	1
5	QPSK	12	7	15.17	15.25	15.21		
5	QPSK	12	13	15.05	15.20	15.19		
5	QPSK	25	0	15.18	15.28	15.14		
5	16QAM	1	0	15.22	15.34	15.11	16.5	1
5	16QAM	1	12	15.17	15.17	15.07		
5	16QAM	1	24	15.09	15.22	15.14		
5	16QAM	12	0	14.05	14.19	14.07	15.5	2
5	16QAM	12	7	14.12	14.19	14.06		
5	16QAM	12	13	14.07	14.21	14.21		
5	16QAM	25	0	14.06	14.29	14.15		
5	64QAM	1	0	14.17	14.20	14.17	15.5	2
5	64QAM	1	12	14.14	14.30	14.27		
5	64QAM	1	24	14.06	14.09	14.15		
5	64QAM	12	0	13.02	13.22	13.02	14.5	3
5	64QAM	12	7	13.15	13.12	13.07		
5	64QAM	12	13	13.10	13.14	13.17		
5	64QAM	25	0	13.23	13.16	13.01		
5	256QAM	1	0	11.16	11.22	11.22	12.5	5
5	256QAM	1	12	11.08	11.04	11.16		
5	256QAM	1	24	11.22	11.21	11.07		
5	256QAM	12	0	11.22	11.21	11.19	12.5	5
5	256QAM	12	7	11.05	11.09	11.10		
5	256QAM	12	13	11.14	11.17	11.16		
5	256QAM	25	0	11.04	11.08	11.04		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.07	16.13	16.01	17.5	0
3	QPSK	1	8	16.09	16.10	16.08		
3	QPSK	1	14	16.07	16.16	16.03		
3	QPSK	8	0	15.10	15.34	15.31	16.5	1
3	QPSK	8	4	15.17	15.25	15.21		
3	QPSK	8	7	15.06	15.18	15.20		
3	QPSK	15	0	15.18	15.25	15.12		
3	16QAM	1	0	15.23	15.32	15.12	16.5	1
3	16QAM	1	8	15.15	15.15	15.06		
3	16QAM	1	14	15.11	15.22	15.12		
3	16QAM	8	0	14.02	14.21	14.09	15.5	2
3	16QAM	8	4	14.10	14.19	14.02		
3	16QAM	8	7	14.06	14.21	14.24		
3	16QAM	15	0	14.06	14.30	14.14		
3	64QAM	1	0	14.17	14.22	14.19	15.5	2
3	64QAM	1	8	14.14	14.32	14.26		
3	64QAM	1	14	14.04	14.13	14.14		
3	64QAM	8	0	13.04	13.19	13.03	14.5	3
3	64QAM	8	4	13.17	13.12	13.06		
3	64QAM	8	7	13.09	13.14	13.19		
3	64QAM	15	0	13.24	13.15	13.01		
3	256QAM	1	0	11.18	11.23	11.22	12.5	5
3	256QAM	1	8	11.08	11.04	11.16		
3	256QAM	1	14	11.22	11.21	11.05		
3	256QAM	8	0	11.24	11.19	11.19	12.5	5
3	256QAM	8	4	11.06	11.10	11.12		
3	256QAM	8	7	11.16	11.19	11.13		
3	256QAM	15	0	11.08	11.07	11.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.08	16.08	16.15	17.5	0
1.4	QPSK	1	3	16.08	16.18	16.12		
1.4	QPSK	1	5	16.09	16.15	16.14		
1.4	QPSK	3	0	16.07	16.18	16.12		
1.4	QPSK	3	1	16.08	16.17	16.11		
1.4	QPSK	3	3	16.11	16.15	16.12		
1.4	QPSK	6	0	15.25	15.36	15.17	16.5	1
1.4	16QAM	1	0	15.26	15.23	15.15	16.5	1
1.4	16QAM	1	3	15.17	15.30	15.34		
1.4	16QAM	1	5	15.20	15.39	15.23		
1.4	16QAM	3	0	15.22	15.18	15.10		
1.4	16QAM	3	1	15.21	15.23	15.14		
1.4	16QAM	3	3	15.26	15.24	15.14		
1.4	16QAM	6	0	15.27	15.26	15.15	15.5	2
1.4	64QAM	1	0	14.55	14.62	14.62	15.5	2
1.4	64QAM	1	3	14.57	14.64	14.62		
1.4	64QAM	1	5	14.61	14.54	14.59		
1.4	64QAM	3	0	14.13	14.19	14.15		
1.4	64QAM	3	1	14.26	14.24	14.26		
1.4	64QAM	3	3	14.26	14.34	14.08		
1.4	64QAM	6	0	13.35	13.27	13.26	14.5	3
1.4	256QAM	1	0	11.17	11.23	11.20	12.5	5
1.4	256QAM	1	3	11.06	11.05	11.15		
1.4	256QAM	1	5	11.21	11.23	11.07		
1.4	256QAM	3	0	11.21	11.21	11.16		
1.4	256QAM	3	1	11.08	11.12	11.13		
1.4	256QAM	3	3	11.16	11.18	11.13		
1.4	256QAM	6	0	11.05	11.10	11.04	12.5	5

Band 5 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.80	20.91	20.79	21.9	0
10	QPSK	1	25	20.70	20.76	20.72		
10	QPSK	1	49	20.70	20.85	20.76		
10	QPSK	25	0	19.75	19.78	19.73	20.9	1
10	QPSK	25	12	19.66	19.71	19.62		
10	QPSK	25	25	19.65	19.72	19.66		
10	QPSK	50	0	19.72	19.77	19.68		
10	16QAM	1	0	19.83	19.90	19.77	20.9	1
10	16QAM	1	25	19.81	19.84	19.75		
10	16QAM	1

Band 12 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.99	22.01	21.98	23.3	0
10	QPSK	1	25	21.96	21.91	22.00		
10	QPSK	1	49	21.96	21.89	21.98		
10	QPSK	25	0	20.88	21.02	20.93	22.3	1
10	QPSK	25	12	20.93	20.97	20.91		
10	QPSK	25	25	20.83	20.95	20.79		
10	QPSK	50	0	20.96	21.06	20.99		
10	16QAM	1	0	21.03	21.11	21.04	22.3	1
10	16QAM	1	25	20.96	21.03	20.90		
10	16QAM	1	49	20.91	21.03	20.92		
10	16QAM	25	0	19.85	20.07	19.93	21.3	2
10	16QAM	25	12	19.83	19.98	19.95		
10	16QAM	25	25	19.77	19.95	19.78		
10	16QAM	50	0	19.97	20.06	19.94		
10	64QAM	1	0	20.07	20.13	20.07	21.3	2
10	64QAM	1	25	19.91	20.07	19.87		
10	64QAM	1	49	19.85	19.94	19.93		
10	64QAM	25	0	18.92	19.05	18.92	20.3	3
10	64QAM	25	12	18.93	18.98	18.95		
10	64QAM	25	25	18.79	18.92	18.85		
10	64QAM	50	0	19.04	19.03	19.02		
10	256QAM	1	0	17.20	17.07	17.15	18.3	5
10	256QAM	1	25	17.03	16.99	17.07		
10	256QAM	1	49	17.17	17.05	17.14		
10	256QAM	25	0	17.17	17.17	17.15	18.3	5
10	256QAM	25	12	17.06	17.10	17.10		
10	256QAM	25	25	17.06	17.15	17.12		
10	256QAM	50	0	17.07	17.10	17.03		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.96	21.95	21.94	23.3	0
5	QPSK	1	12	21.81	21.91	21.89		
5	QPSK	1	24	21.86	21.89	21.87		
5	QPSK	12	0	20.78	20.91	20.84	22.3	1
5	QPSK	12	7	20.83	20.83	20.80		
5	QPSK	12	13	20.72	20.82	20.67		
5	QPSK	25	0	20.84	20.91	20.90		
5	16QAM	1	0	20.91	21.02	20.94	22.3	1
5	16QAM	1	12	20.89	20.90	20.78		
5	16QAM	1	24	20.82	20.95	20.83		
5	16QAM	12	0	19.76	19.94	19.85	21.3	2
5	16QAM	12	7	19.68	19.85	19.86		
5	16QAM	12	13	19.65	19.84	19.64		
5	16QAM	25	0	19.85	19.94	19.85		
5	64QAM	1	0	19.97	20.03	19.93	21.3	2
5	64QAM	1	12	19.79	19.96	19.77		
5	64QAM	1	24	19.72	19.83	19.86		
5	64QAM	12	0	18.79	18.93	18.80	20.3	3
5	64QAM	12	7	18.83	18.89	18.86		
5	64QAM	12	13	18.72	18.82	18.73		
5	64QAM	25	0	18.90	18.93	18.91		
5	256QAM	1	0	17.06	16.98	17.02	18.3	5
5	256QAM	1	12	16.92	16.89	16.95		
5	256QAM	1	24	17.05	16.90	17.02		
5	256QAM	12	0	17.08	17.09	17.01	18.3	5
5	256QAM	12	7	16.99	17.01	17.01		
5	256QAM	12	13	16.92	17.05	17.00		
5	256QAM	25	0	16.95	17.00	16.94		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.93	21.95	21.96	23.3	0
3	QPSK	1	8	21.83	21.97	21.93		
3	QPSK	1	14	21.89	21.91	21.89		
3	QPSK	8	0	20.73	20.87	20.81	22.3	1
3	QPSK	8	4	20.84	20.83	20.84		
3	QPSK	8	7	20.68	20.80	20.69		
3	QPSK	15	0	20.86	20.93	20.91		
3	16QAM	1	0	20.91	20.98	20.93	22.3	1
3	16QAM	1	8	20.85	20.90	20.76		
3	16QAM	1	14	20.80	20.94	20.84		
3	16QAM	8	0	19.75	19.96	19.83	21.3	2
3	16QAM	8	4	19.72	19.85	19.85		
3	16QAM	8	7	19.64	19.83	19.65		
3	16QAM	15	0	19.83	19.95	19.80		
3	64QAM	1	0	19.95	19.98	19.97	21.3	2
3	64QAM	1	8	19.82	19.95	19.74		
3	64QAM	1	14	19.78	19.82	19.84		
3	64QAM	8	0	18.82	18.93	18.83	20.3	3
3	64QAM	8	4	18.79	18.86	18.85		
3	64QAM	8	7	18.65	18.85	18.71		
3	64QAM	15	0	18.91	18.90	18.88		
3	256QAM	1	0	17.11	16.94	17.03	18.3	5
3	256QAM	1	8	16.90	16.84	17.00		
3	256QAM	1	14	17.06	16.95	17.01		
3	256QAM	8	0	17.03	17.07	17.05	18.3	5
3	256QAM	8	4	16.98	16.99	17.03		
3	256QAM	8	7	16.94	17.01	17.01		
3	256QAM	15	0	16.93	17.01	16.90		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.99	21.94	21.91	23.3	0
1.4	QPSK	1	3	21.88	21.95	21.89		
1.4	QPSK	1	5	21.86	21.96	21.90		
1.4	QPSK	3	0	21.81	21.89	21.82		
1.4	QPSK	3	1	21.83	21.90	21.83		
1.4	QPSK	3	3	21.72	21.86	21.67		
1.4	QPSK	6	0	20.87	20.95	20.85	22.3	1
1.4	16QAM	1	0	20.92	21.01	20.96	22.3	1
1.4	16QAM	1	3	20.83	20.92	20.75		
1.4	16QAM	1	5	20.78	20.89	20.81		
1.4	16QAM	3	0	20.73	20.96	20.80		
1.4	16QAM	3	1	20.71	20.89	20.80		
1.4	16QAM	3	3	20.68	20.86	20.69		
1.4	16QAM	6	0	19.90	19.95	19.82	21.3	2
1.4	64QAM	1	0	19.93	20.05	19.97	21.3	2
1.4	64QAM	1	3	19.81	19.95	19.79		
1.4	64QAM	1	5	19.71	19.83	19.85		
1.4	64QAM	3	0	19.78	19.97	19.80		
1.4	64QAM	3	1	19.81	19.88	19.84		
1.4	64QAM	3	3	19.70	19.83	19.74		
1.4	64QAM	6	0	18.90	18.91	18.90	20.3	3
1.4	256QAM	1	0	17.07	16.94	17.07	18.3	5
1.4	256QAM	1	3	16.95	16.85	17.00		
1.4	256QAM	1	5	17.06	16.93	17.03		
1.4	256QAM	3	0	17.05	17.08	17.03		
1.4	256QAM	3	1	16.97	17.00	17.00		
1.4	256QAM	3	3	16.91	17.04	16.99		
1.4	256QAM	6	0	16.93	17.03	16.95	18.3	5

Band 13 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.92		24	0
10	QPSK	1	25		22.81			
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.78		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.74			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.88		22	2
10	64QAM	1	25		20.72			
10	64QAM	1	49		20.69			
10	64QAM	25	0		19.70		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.60			
10	256QAM	1	0		18.00		19	5
10	256QAM	1	25		17.88			
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.92			
10	256QAM	25	25		17.98			
10	256QAM	50	0		17.86			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.79	22.79	22.73	24	0
5	QPSK	1	12	22.62	22.67	22.57		
5	QPSK	1	24	22.63	22.73	22.62		
5	QPSK	12	0	21.70	21.70	21.64	23	1
5	QPSK	12	7	21.42	21.48	21.55		
5	QPSK	12	13	21.55	21.67	21.59		
5	QPSK	25	0	21.56	21.56	21.60		
5	16QAM	1	0	21.64	21.71	21.65	23	1
5	16QAM	1	12	21.64	21.68	21.59		
5	16QAM	1	24	21.57	21.61	21.48		
5	16QAM	12	0	20.52	20.62	20.42	22	2
5	16QAM	12	7	20.34	20.54	20.43		
5	16QAM	12	13	20.33	20.51	20.36		
5	16QAM	25	0	20.42	20.49	20.44		
5	64QAM	1	0	20.78	20.84	20.72	22	2
5	64QAM	1	12	20.61	20.59	20.52		
5	64QAM	1	24	20.55	20.65	20.44		
5	64QAM	12	0	19.59	19.67	19.46	21	3
5	64QAM	12	7	19.32	19.43	19.31		
5	64QAM	12	13	19.53	19.53	19.39		
5	64QAM	25	0	19.37	19.55	19.40		
5	256QAM	1	0	18.02	17.95	17.98	19	5
5	256QAM	1	12	17.90	17.92	17.81		
5	256QAM	1	24	17.86	17.93	17.94		
5	256QAM	12	0	17.99	17.90	17.88	19	5
5	256QAM	12	7	17.84	17.89	17.87		
5	256QAM	12	13	17.94	17.87	17.88		
5	256QAM	25	0	17.82	17.82	17.85		

Band 66 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.36	16.44	16.42	17.5	0
20	QPSK	1	49	16.32	16.42	16.33		
20	QPSK	1	99	16.35	16.36	16.43		
20	QPSK	50	0	15.53	15.68	15.54	16.5	1
20	QPSK	50	24	15.46	15.52	15.49		
20	QPSK	50	50	15.61	15.60	15.44		
20	QPSK	100	0	15.51	15.68	15.46		
20	16QAM	1	0	15.58	15.57	15.45	16.5	1
20	16QAM	1	49	15.50	15.63	15.64		
20	16QAM	1	99	15.48	15.65	15.49		
20	16QAM	50	0	14.53	14.65	14.54	15.5	2
20	16QAM	50	24	14.46	14.57	14.41		
20	16QAM	50	50	14.50	14.55	14.45		
20	16QAM	100	0	14.59	14.54	14.58		
20	64QAM	1	0	14.52	14.64	14.46	15.5	2
20	64QAM	1	49	14.42	14.49	14.41		
20	64QAM	1	99	14.49	14.59	14.52		
20	64QAM	50	0	13.48	13.50	13.51	14.5	3
20	64QAM	50	24	13.39	13.48	13.40		
20	64QAM	50	50	13.32	13.46	13.39		
20	64QAM	100	0	13.64	13.59	13.55		
20	256QAM	1	0	11.26	11.32	11.31	12.5	5
20	256QAM	1	49	11.17	11.14	11.26		
20	256QAM	1	99	11.31	11.31	11.16		
20	256QAM	50	0	11.33	11.30	11.28	12.5	5
20	256QAM	50	24	11.17	11.20	11.22		
20	256QAM	50	50	11.25	11.28	11.24		
20	256QAM	100	0	11.16	11.18	11.15		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.33	16.36	16.35	17.5	0
15	QPSK	1	37	16.30	16.40	16.30		
15	QPSK	1	74	16.30	16.30	16.35		
15	QPSK	36	0	15.45	15.60	15.49	16.5	1
15	QPSK	36	20	15.39	15.49	15.44		
15	QPSK	36	39	15.54	15.56	15.40		
15	QPSK	75	0	15.47	15.62	15.42		
15	16QAM	1	0	15.55	15.53	15.39	16.5	1
15	16QAM	1	37	15.43	15.59	15.62		
15	16QAM	1	74	15.45	15.57	15.43		
15	16QAM	36	0	14.47	14.62	14.49	15.5	2
15	16QAM	36	20	14.40	14.53	14.38		
15	16QAM	36	39	14.46	14.50	14.43		
15	16QAM	75	0	14.53	14.47	14.52		
15	64QAM	1	0	14.48	14.61	14.42	15.5	2
15	64QAM	1	37	14.37	14.45	14.39		
15	64QAM	1	74	14.47	14.56	14.46		
15	64QAM	36	0	13.41	13.46	13.43	14.5	3
15	64QAM	36	20	13.33	13.45	13.34		
15	64QAM	36	39	13.29	13.42	13.36		
15	64QAM	75	0	13.58	13.56	13.49		
15	256QAM	1	0	11.11	11.17	11.17	12.5	5
15	256QAM	1	37	11.05	11.07	11.13		
15	256QAM	1	74	11.16	11.24	11.01		
15	256QAM	36	0	11.20	11.19	11.14	12.5	5
15	256QAM	36	20	11.05	11.10	11.14		
15	256QAM	36	39	11.12	11.17	11.11		
15	256QAM	75	0	11.05	11.08	11.08		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.31	16.41	16.35	17.5	0
10	QPSK	1	25	16.30	16.36	16.30		
10	QPSK	1	49	16.30	16.30	16.37		
10	QPSK	25	0	15.47	15.63	15.46	16.5	1
10	QPSK	25	12	15.42	15.45	15.42		
10	QPSK	25	25	15.58	15.52	15.42		
10	QPSK	50	0	15.48	15.62	15.42		
10	16QAM	1	0	15.50	15.49	15.41	16.5	1
10	16QAM	1	25	15.45	15.58	15.59		
10	16QAM	1	49	15.42	15.58	15.42		
10	16QAM	25	0	14.47	14.60	14.46	15.5	2
10	16QAM	25	12	14.40	14.50	14.34		
10	16QAM	25	25	14.45	14.52	14.38		
10	16QAM	50	0	14.53	14.50	14.52		
10	64QAM	1	0	14.47	14.56	14.38	15.5	2
10	64QAM	1	25	14.37	14.45	14.37		
10	64QAM	1	49	14.41	14.53	14.50		
10	64QAM	25	0	13.42	13.42	13.46	14.5	3
10	64QAM	25	12	13.37	13.42	13.35		
10	64QAM	25	25	13.26	13.41	13.35		
10	64QAM	50	0	13.59	13.56	13.47		
10	256QAM	1	0	11.14	11.19	11.18	12.5	5
10	256QAM	1	25	11.02	11.03	11.17		
10	256QAM	1	49	11.24	11.18	11.08		
10	256QAM	25	0	11.23	11.17	11.18	12.5	5
10	256QAM	25	12	11.02	11.08	11.12		
10	256QAM	25	25	11.16	11.13	11.10		
10	256QAM	50	0	11.08	11.09	11.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.31	16.40	16.35	17.5	0
5	QPSK	1	12	16.31	16.38	16.30		
5	QPSK	1	24	16.33	16.30	16.35		
5	QPSK	12	0	15.46	15.65	15.46	16.5	1
5	QPSK	12	7	15.42	15.47	15.46		
5	QPSK	12	13	15.57	15.53	15.39		
5	QPSK	25	0	15.45	15.62	15.40		
5	16QAM	1	0	15.54	15.49	15.40	16.5	1
5	16QAM	1	12	15.47	15.61	15.58		
5	16QAM	1	24	15.44	15.58	15.43		
5	16QAM	12	0	14.49	14.58	14.49	15.5	2
5	16QAM	12	7	14.41	14.51	14.33		
5	16QAM	12	13	14.44	14.52	14.42		
5	16QAM	25	0	14.54	14.47	14.54		
5	64QAM	1	0	14.44	14.59	14.43	15.5	2
5	64QAM	1	12	14.37	14.43	14.37		
5	64QAM	1	24	14.44	14.51	14.45		
5	64QAM	12	0	13.44	13.44	13.48	14.5	3
5	64QAM	12	7	13.33	13.43	13.32		
5	64QAM	12	13	13.27	13.44	13.32		
5	64QAM	25	0	13.57	13.54	13.50		
5	256QAM	1	0	11.14	11.22	11.17	12.5	5
5	256QAM	1	12	11.07	11.03	11.15		
5	256QAM	1	24	11.24	11.21	11.08		
5	256QAM	12	0	11.22	11.17	11.14	12.5	5
5	256QAM	12	7	11.09	11.11	11.09		
5	256QAM	12	13	11.11	11.17	11.09		
5	256QAM	25	0	11.09	11.10	11.04		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.30	16.40	16.32	17.5	0
3	QPSK	1	8	16.31	16.35	16.31		
3	QPSK	1	14	16.31	16.33	16.41		
3	QPSK	8	0	15.48	15.62	15.52	16.5	1
3	QPSK	8	4	15.41	15.44	15.41		
3	QPSK	8	7	15.54	15.54	15.41		
3	QPSK	15	0	15.46	15.63	15.41		
3	16QAM	1	0	15.52	15.51	15.41	16.5	1
3	16QAM	1	8	15.43	15.57	15.59		
3	16QAM	1	14	15.45	15.60	15.46		
3	16QAM	8	0	14.51	14.60	14.51	15.5	2
3	16QAM	8	4	14.43	14.54	14.35		
3	16QAM	8	7	14.44	14.49	14.42		
3	16QAM	15	0	14.54	14.50	14.52		
3	64QAM	1	0	14.50	14.61	14.38	15.5	2
3	64QAM	1	8	14.35	14.44	14.38		
3	64QAM	1	14	14.44	14.55	14.49		
3	64QAM	8	0	13.43	13.48	13.49	14.5	3
3	64QAM	8	4	13.33	13.46	13.35		
3	64QAM	8	7	13.26	13.42	13.37		
3	64QAM	15	0	13.61	13.51	13.49		
3	256QAM	1	0	11.13	11.21	11.18	12.5	5
3	256QAM	1	8	11.04	11.03	11.11		
3	256QAM	1	14	11.22	11.24	11.05		
3	256QAM	8	0	11.20	11.19	11.19	12.5	5
3	256QAM	8	4	11.06	11.10	11.14		
3	256QAM	8	7	11.17	11.17	11.11		
3	256QAM	15	0	11.05	11.10	11.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.33	16.32	16.39	17.5	0
1.4	QPSK	1	3	16.33	16.42	16.37		
1.4	QPSK	1	5	16.33	16.40	16.39		
1.4	QPSK	3	0	16.33	16.42	16.37		
1.4	QPSK	3	1	16.32	16.40	16.37		
1.4	QPSK	3	3	16.34	16.40	16.37		
1.4	QPSK	6	0	15.49	15.62	15.41	16.5	1
1.4	16QAM	1	0	15.50	15.50	15.41	16.5	1
1.4	16QAM	1	3	15.44	15.54	15.59		
1.4	16QAM	1	5	15.45	15.62	15.48		
1.4	16QAM	3	0	15.47	15.45	15.36		
1.4	16QAM	3	1	15.45	15.48	15.38		
1.4	16QAM	3	3	15.50	15.50	15.39		
1.4	16QAM	6	0	15.50	15.50	15.38	15.5	2
1.4	64QAM	1	0	14.81	14.88	14.86	15.5	2
1.4	64QAM	1	3	14.81	14.88	14.86		
1.4	64QAM	1	5	14.87	14.81	14.85		
1.4	64QAM	3	0	14.39	14.45	14.41		
1.4	64QAM	3	1	14.53	14.48	14.52		
1.4	64QAM	3	3	14.49	14.58	14.34		
1.4	64QAM	6	0	13.59	13.52	13.50	14.5	3
1.4	256QAM	1	0	11.12	11.19	11.18	12.5	5
1.4	256QAM	1	3	11.09	11.05	11.12		
1.4	256QAM	1	5	11.17	11.23	11.02		
1.4	256QAM	3	0	11.21	11.17	11.15		
1.4	256QAM	3	1	11.05	11.06	11.11		
1.4	256QAM	3	3	11.15	11.20	11.15		
1.4	256QAM	6	0	11.03	11.10	11.02	12.5	5

Band 48 Ant3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.84	18.97	18.77	18.84	19.9	0
20	QPSK	1	49	18.88	18.90	18.90	18.79		
20	QPSK	1	99	18.76	18.81	18.77	18.77		
20	QPSK	50	0	17.86	17.89	17.79	17.85	18.9	1
20	QPSK	50	24	17.75	17.84	17.75	17.73		
20	QPSK	50	50	17.71	17.78	17.76	17.71		
20	QPSK	100	0	17.77	17.82	17.64	17.78		
20	16QAM	1	0	17.85	17.99	17.86	17.95	18.9	1
20	16QAM	1	49	17.85	17.91	17.82	17.87		
20	16QAM	1	99	17.78	17.86	17.80	17.78		
20	16QAM	50	0	16.90	16.90	16.83	16.85	17.9	2
20	16QAM	50	24	16.69	16.83	16.75	16.75		
20	16QAM	50	50	16.74	16.80	16.75	16.77		
20	16QAM	100	0	16.65	16.80	16.65	16.71		
20	64QAM	1	0	16.94	17.01	16.86	16.89	17.9	2
20	64QAM	1	49	16.83	16.89	16.84	16.85		
20	64QAM	1	99	16.78	16.78	16.76	16.72		
20	64QAM	50	0	15.84	15.96	15.81	15.86	16.9	3
20	64QAM	50	24	15.83	15.89	15.77	15.76		
20	64QAM	50	50	15.76	15.83	15.80	15.74		
20	64QAM	100	0	15.66	15.71	15.75	15.61		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.76	18.83	18.67	18.75	19.9	0
15	QPSK	1	37	18.76	18.79	18.75	18.64		
15	QPSK	1	74	18.63	18.67	18.68	18.67		
15	QPSK	36	0	17.72	17.78	17.69	17.76	18.9	1
15	QPSK	36	20	17.67	17.71	17.63	17.59		
15	QPSK	36	39	17.60	17.69	17.66	17.57		
15	QPSK	75	0	17.64	17.69	17.53	17.70		
15	16QAM	1	0	17.73	17.86	17.79	17.87	18.9	1
15	16QAM	1	37	17.72	17.81	17.70	17.72		
15	16QAM	1	74	17.65	17.72	17.68	17.65		
15	16QAM	36	0	16.78	16.80	16.68	16.76	17.9	2
15	16QAM	36	20	16.56	16.71	16.61	16.66		
15	16QAM	36	39	16.61	16.66	16.64	16.62		
15	16QAM	75	0	16.50	16.72	16.51	16.62		
15	64QAM	1	0	16.85	16.86	16.72	16.76	17.9	2
15	64QAM	1	37	16.76	16.76	16.70	16.71		
15	64QAM	1	74	16.64	16.69	16.65	16.60		
15	64QAM	36	0	15.75	15.82	15.73	15.73	16.9	3
15	64QAM	36	20	15.72	15.75	15.63	15.65		
15	64QAM	36	39	15.62	15.68	15.66	15.61		
15	64QAM	75	0	15.51	15.56	15.66	15.54		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.74	18.84	18.67	18.74	19.9	0
10	QPSK	1	25	18.73	18.83	18.80	18.66		
10	QPSK	1	49	18.65	18.74	18.62	18.67		
10	QPSK	25	0	17.74	17.75	17.71	17.76	18.9	1
10	QPSK	25	12	17.63	17.75	17.62	17.61		
10	QPSK	25	25	17.63	17.67	17.65	17.64		
10	QPSK	50	0	17.68	17.68	17.52	17.65		
10	16QAM	1	0	17.71	17.87	17.75	17.84	18.9	1
10	16QAM	1	25	17.75	17.80	17.71	17.75		
10	16QAM	1	49	17.70	17.72	17.65	17.65		
10	16QAM	25	0	16.79	16.81	16.71	16.70	17.9	2
10	16QAM	25	12	16.59	16.70	16.61	16.64		
10	16QAM	25	25	16.67	16.66	16.61	16.69		
10	16QAM	50	0	16.54	16.67	16.57	16.59		
10	64QAM	1	0	16.86	16.89	16.75	16.80	17.9	2
10	64QAM	1	25	16.70	16.77	16.77	16.77		
10	64QAM	1	49	16.71	16.69	16.64	16.58		
10	64QAM	25	0	15.75	15.84	15.66	15.77	16.9	3
10	64QAM	25	12	15.76	15.76	15.64	15.62		
10	64QAM	25	25	15.66	15.72	15.67	15.66		
10	64QAM	50	0	15.54	15.59	15.65	15.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.72	18.85	18.64	18.77	19.9	0
5	QPSK	1	12	18.77	18.76	18.81	18.67		
5	QPSK	1	24	18.69	18.70	18.67	18.68		
5	QPSK	12	0	17.72	17.76	17.65	17.76	18.9	1
5	QPSK	12	7	17.61	17.72	17.64	17.66		
5	QPSK	12	13	17.61	17.66	17.63	17.60		
5	QPSK	25	0	17.68	17.75	17.56	17.65		
5	16QAM	1	0	17.73	17.86	17.74	17.86	18.9	1
5	16QAM	1	12	17.78	17.84	17.74	17.75		
5	16QAM	1	24	17.68	17.78	17.70	17.65		
5	16QAM	12	0	16.75	16.77	16.72	16.72	17.9	2
5	16QAM	12	7	16.55	16.69	16.64	16.65		
5	16QAM	12	13	16.61	16.69	16.60	16.65		
5	16QAM	25	0	16.54	16.69	16.57	16.58		
5	64QAM	1	0	16.85	16.89	16.73	16.76	17.9	2
5	64QAM	1	12	16.75	16.81	16.76	16.73		
5	64QAM	1	24	16.69	16.65	16.68	16.63		
5	64QAM	12	0	15.70	15.81	15.70	15.73	16.9	3
5	64QAM	12	7	15.74	15.77	15.67	15.63		
5	64QAM	12	13	15.68	15.69	15.70	15.63		
5	64QAM	25	0	15.54	15.58	15.64	15.53		

Band 48 Ant4 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.41	22.58	22.42	22.56	24	0
20	QPSK	1	49	22.35	22.49	22.48	22.38		
20	QPSK	1	99	22.40	22.42	22.40	22.30		
20	QPSK	50	0	21.39	21.49	21.43	21.37	23	1
20	QPSK	50	24	21.43	21.46	21.34	21.36		
20	QPSK	50	50	21.42	21.42	21.41	21.39		
20	QPSK	100	0	21.39	21.48	21.47	21.43		
20	16QAM	1	0	21.54	21.57	21.53	21.54	23	1
20	16QAM	1	49	21.35	21.49	21.49	21.37		
20	16QAM	1	99	21.41	21.46	21.35	21.38		
20	16QAM	50	0	20.39	20.51	20.44	20.51	22	2
20	16QAM	50	24	20.50	20.53	20.50	20.48		
20	16QAM	50	50	20.35	20.45	20.44	20.41		
20	16QAM	100	0	20.36	20.50	20.46	20.48		
20	64QAM	1	0	20.44	20.53	20.38	20.42	22	2
20	64QAM	1	49	20.49	20.51	20.41	20.37		
20	64QAM	1	99	20.32	20.42	20.40	20.27		
20	64QAM	50	0	19.42	19.47	19.43	19.44	21	3
20	64QAM	50	24	19.39	19.51	19.50	19.50		
20	64QAM	50	50	19.36	19.44	19.31	19.43		
20	64QAM	100	0	19.45	19.59	19.45	19.49		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.40	22.54	22.39	22.46	24	0
15	QPSK	1	37	22.32	22.47	22.43	22.36		
15	QPSK	1	74	22.35	22.31	22.36	22.28		
15	QPSK	36	0	21.32	21.37	21.40	21.35	23	1
15	QPSK	36	20	21.28	21.37	21.20	21.24		
15	QPSK	36	39	21.29	21.39	21.31	21.37		
15	QPSK	75	0	21.26	21.43	21.33	21.42		
15	16QAM	1	0	21.41	21.46	21.51	21.52	23	1
15	16QAM	1	37	21.25	21.44	21.44	21.26		
15	16QAM	1	74	21.41	21.42	21.28	21.27		
15	16QAM	36	0	20.25	20.38	20.34	20.42	22	2
15	16QAM	36	20	20.48	20.45	20.48	20.41		
15	16QAM	36	39	20.30	20.32	20.35	20.37		
15	16QAM	75	0	20.26	20.44	20.33	20.38		
15	64QAM	1	0	20.36	20.46	20.37	20.34	22	2
15	64QAM	1	37	20.34	20.40	20.34	20.26		
15	64QAM	1	74	20.23	20.33	20.36	20.12		
15	64QAM	36	0	19.38	19.41	19.39	19.31	21	3
15	64QAM	36	20	19.27	19.37	19.39	19.47		
15	64QAM	36	39	19.31	19.43	19.27	19.39		
15	64QAM	75	0	19.32	19.52	19.39	19.44		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.38	22.49	22.32	22.55	24	0
10	QPSK	1	25	22.33	22.45	22.46	22.26		
10	QPSK	1	49	22.31	22.29	22.26	22.27		
10	QPSK	25	0	21.29	21.39	21.37	21.37	23	1
10	QPSK	25	12	21.42	21.34	21.23	21.27		
10	QPSK	25	25	21.30	21.38	21.27	21.33		
10	QPSK	50	0	21.32	21.47	21.40	21.36		
10	16QAM	1	0	21.49	21.43	21.47	21.46	23	1
10	16QAM	1	25	21.31	21.37	21.40	21.35		
10	16QAM	1	49	21.35	21.37	21.23	21.25		
10	16QAM	25	0	20.31	20.41	20.41	20.38	22	2
10	16QAM	25	12	20.47	20.38	20.36	20.46		
10	16QAM	25	25	20.24	20.44	20.41	20.39		
10	16QAM	50	0	20.23	20.39	20.34	20.42		
10	64QAM	1	0	20.34	20.49	20.37	20.31	22	2
10	64QAM	1	25	20.37	20.40	20.39	20.25		
10	64QAM	1	49	20.18	20.36	20.26	20.13		
10	64QAM	25	0	19.31	19.34	19.36	19.36	21	3
10	64QAM	25	12	19.33	19.48	19.36	19.43		
10	64QAM	25	25	19.30	19.41	19.30	19.30		
10	64QAM	50	0	19.37	19.49	19.39	19.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.40	22.46	22.36	22.52	24	0
5	QPSK	1	12	22.22	22.48	22.43	22.29		
5	QPSK	1	24	22.38	22.31	22.35	22.27		
5	QPSK	12	0	21.33	21.43	21.41	21.24	23	1
5	QPSK	12	7	21.32	21.44	21.28	21.35		
5	QPSK	12	13	21.27	21.41	21.31	21.29		
5	QPSK	25	0	21.28	21.37	21.38	21.35		
5	16QAM	1	0	21.46	21.46	21.40	21.48	23	1
5	16QAM	1	12	21.32	21.41	21.41	21.28		
5	16QAM	1	24	21.38	21.35	21.31	21.25		
5	16QAM	12	0	20.35	20.40	20.35	20.42	22	2
5	16QAM	12	7	20.47	20.39	20.47	20.35		
5	16QAM	12	13	20.27	20.38	20.34	20.27		
5	16QAM	25	0	20.32	20.38	20.39	20.48		
5	64QAM	1	0	20.39	20.52	20.37	20.34	22	2
5	64QAM	1	12	20.38	20.37	20.34	20.24		
5	64QAM	1	24	20.20	20.39	20.27	20.14		
5	64QAM	12	0	19.30	19.37	19.28	19.37	21	3
5	64QAM	12	7	19.39	19.50	19.46	19.40		
5	64QAM	12	13	19.25	19.43	19.23	19.33		
5	64QAM	25	0	19.37	19.49	19.37	19.44		

Band 48 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.84	21.92	21.82	21.76	23.3	0
20	QPSK	1	49	21.78	21.90	21.85	21.71		
20	QPSK	1	99	21.77	21.83	21.69	21.75		
20	QPSK	50	0	20.88	20.97	20.85	20.83	22.3	1
20	QPSK	50	24	20.76	20.88	20.78	20.72		
20	QPSK	50	50	20.77	20.86	20.73	20.67		
20	QPSK	100	0	20.87	20.94	20.88	20.82		
20	16QAM	1	0	20.95	21.06	21.03	20.95	22.3	1
20	16QAM	1	49	20.82	20.92	20.86	20.77		
20	16QAM	1	99	20.86	20.94	20.81	20.77		
20	16QAM	50	0	19.93	20.05	19.92	19.92	21.3	2
20	16QAM	50	24	19.94	20.03	19.91	19.86		
20	16QAM	50	50	19.94	19.97	19.91	19.80		
20	16QAM	100	0	20.03	20.07	19.99	19.89		
20	64QAM	1	0	19.82	19.94	19.80	19.78	21.3	2
20	64QAM	1	49	19.86	19.92	19.83	19.77		
20	64QAM	1	99	19.76	19.81	19.73	19.67		
20	64QAM	50	0	19.00	19.04	18.92	18.85	20.3	3
20	64QAM	50	24	18.82	18.88	18.78	18.74		
20	64QAM	50	50	18.92	19.00	18.96	18.91		
20	64QAM	100	0	19.06	19.11	18.98	19.01		
20	256QAM	1	0	16.95	16.84	16.92	16.90	18.3	5
20	256QAM	1	49	16.80	16.67	16.82	16.85		
20	256QAM	1	99	16.83	16.72	16.78	16.87		
20	256QAM	50	0	16.94	16.83	16.82	16.85	18.3	5
20	256QAM	50	24	16.78	16.68	16.82	16.85		
20	256QAM	50	50	16.90	16.71	16.78	16.92		
20	256QAM	100	0	16.85	16.75	16.76	16.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.71	21.81	21.79	21.69	23.3	0
15	QPSK	1	37	21.66	21.78	21.81	21.64		
15	QPSK	1	74	21.68	21.75	21.58	21.64		
15	QPSK	36	0	20.74	20.91	20.77	20.75	22.3	1
15	QPSK	36	20	20.69	20.78	20.68	20.61		
15	QPSK	36	39	20.67	20.77	20.66	20.54		
15	QPSK	75	0	20.83	20.84	20.80	20.74		
15	16QAM	1	0	20.86	20.92	20.95	20.89	22.3	1
15	16QAM	1	37	20.74	20.80	20.74	20.66		
15	16QAM	1	74	20.83	20.83	20.70	20.63		
15	16QAM	36	0	19.88	19.93	19.85	19.79	21.3	2
15	16QAM	36	20	19.87	19.89	19.81	19.81		
15	16QAM	36	39	19.88	19.91	19.80	19.65		
15	16QAM	75	0	19.99	20.00	19.90	19.76		
15	64QAM	1	0	19.77	19.86	19.73	19.68	21.3	2
15	64QAM	1	37	19.76	19.85	19.75	19.71		
15	64QAM	1	74	19.64	19.69	19.65	19.54		
15	64QAM	36	0	18.89	19.00	18.85	18.70	20.3	3
15	64QAM	36	20	18.71	18.79	18.74	18.61		
15	64QAM	36	39	18.80	18.88	18.91	18.80		
15	64QAM	75	0	19.01	18.98	18.89	18.91		
15	256QAM	1	0	16.86	16.85	16.84	16.89	18.3	5
15	256QAM	1	37	16.78	16.71	16.71	16.85		
15	256QAM	1	74	16.80	16.73	16.79	16.84		
15	256QAM	36	0	16.94	16.74	16.87	16.87	18.3	5
15	256QAM	36	20	16.86	16.71	16.76	16.80		
15	256QAM	36	39	16.91	16.76	16.87	16.89		
15	256QAM	75	0	16.85	16.68	16.71	16.77		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.75	21.88	21.78	21.71	23.3	0
10	QPSK	1	25	21.71	21.79	21.73	21.62		
10	QPSK	1	49	21.73	21.79	21.56	21.63		
10	QPSK	25	0	20.76	20.83	20.73	20.73	22.3	1
10	QPSK	25	12	20.73	20.75	20.70	20.60		
10	QPSK	25	25	20.65	20.72	20.61	20.52		
10	QPSK	50	0	20.80	20.79	20.73	20.78		
10	16QAM	1	0	20.80	20.98	20.99	20.84	22.3	1
10	16QAM	1	25	20.70	20.80	20.73	20.70		
10	16QAM	1	49	20.80	20.80	20.66	20.68		
10	16QAM	25	0	19.81	19.91	19.79	19.78	21.3	2
10	16QAM	25	12	19.91	19.92	19.82	19.82		
10	16QAM	25	25	19.87	19.91	19.81	19.68		
10	16QAM	50	0	19.98	19.97	19.95	19.84		
10	64QAM	1	0	19.70	19.85	19.73	19.74	21.3	2
10	64QAM	1	25	19.76	19.78	19.70	19.67		
10	64QAM	1	49	19.70	19.69	19.66	19.54		
10	64QAM	25	0	18.94	18.92	18.81	18.76	20.3	3
10	64QAM	25	12	18.69	18.75	18.71	18.66		
10	64QAM	25	25	18.84	18.94	18.91	18.83		
10	64QAM	50	0	18.93	18.96	18.89	18.94		
10	256QAM	1	0	16.90	16.81	16.87	16.95	18.3	5
10	256QAM	1	25	16.80	16.66	16.78	16.75		
10	256QAM	1	49	16.91	16.72	16.86	16.83		
10	256QAM	25	0	16.86	16.81	16.86	16.91	18.3	5
10	256QAM	25	12	16.87	16.77	16.83	16.83		
10	256QAM	25	25	16.83	16.82	16.77	16.93		
10	256QAM	50	0	16.82	16.65	16.73	16.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.79	21.83	21.79	21.66	23.3	0
5	QPSK	1	12	21.72	21.83	21.72	21.61		
5	QPSK	1	24	21.71	21.69	21.55	21.65		
5	QPSK	12	0	20.81	20.82	20.76	20.69	22.3	1
5	QPSK	12	7	20.67	20.81	20.69	20.69		
5	QPSK	12	13	20.70	20.72	20.66	20.56		
5	QPSK	25	0	20.79	20.90	20.80	20.70		
5	16QAM	1	0	20.89	21.01	20.99	20.91	22.3	1
5	16QAM	1	12	20.71	20.79	20.81	20.67		
5	16QAM	1	24	20.72	20.79	20.77	20.70		
5	16QAM	12	0	19.83	19.99	19.87	19.79	21.3	2
5	16QAM	12	7	19.82	19.99	19.85	19.77		
5	16QAM	12	13	19.82	19.91	19.79	19.71		
5	16QAM	25	0	19.89	19.95	19.87	19.75		
5	64QAM	1	0	19.73	19.82	19.77	19.64	21.3	2
5	64QAM	1	12	19.77	19.88	19.79	19.71		
5	64QAM	1	24	19.64	19.72	19.68	19.61		
5	64QAM	12	0	18.93	18.92	18.79	18.81	20.3	3
5	64QAM	12	7	18.69	18.81	18.73	18.66		
5	64QAM	12	13	18.78	18.95	18.81	18.83		
5	64QAM	25	0	18.92	19.06	18.85	18.95		
5	256QAM	1	0	16.90	16.82	16.88	16.93	18.3	5
5	256QAM	1	12	16.86	16.68	16.73	16.82		
5	256QAM	1	24	16.89	16.82	16.83	16.85		
5	256QAM	12	0	16.90	16.75	16.88	16.89	18.3	5
5	256QAM	12	7	16.82	16.70	16.75	16.80		
5	256QAM	12	13	16.93	16.76	16.88	16.85		
5	256QAM	25	0	16.78	16.71	16.78	16.77		

Band 48 Ant8 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.44	21.76	21.69	21.70	23.1	0
20	QPSK	1	49	21.59	21.70	21.66	21.67		
20	QPSK	1	99	21.54	21.62	21.58	21.53		
20	QPSK	50	0	20.75	20.82	20.69	20.76	22.1	1
20	QPSK	50	24	20.60	20.74	20.68	20.69		
20	QPSK	50	50	20.58	20.63	20.60	20.60		
20	QPSK	100	0	20.55	20.67	20.60	20.61		
20	16QAM	1	0	20.78	20.85	20.78	20.82	22.1	1
20	16QAM	1	49	20.70	20.79	20.72	20.75		
20	16QAM	1	99	20.56	20.70	20.65	20.63		
20	16QAM	50	0	19.65	19.71	19.57	19.60	21.1	2
20	16QAM	50	24	19.48	19.62	19.49	19.56		
20	16QAM	50	50	19.64	19.67	19.52	19.63		
20	16QAM	100	0	19.64	19.71	19.60	19.63		
20	64QAM	1	0	19.66	19.78	19.69	19.74	21.1	2
20	64QAM	1	49	19.72	19.79	19.66	19.75		
20	64QAM	1	99	19.58	19.72	19.62	19.62		
20	64QAM	50	0	18.71	18.80	18.65	18.69	20.1	3
20	64QAM	50	24	18.65	18.73	18.58	18.68		
20	64QAM	50	50	18.71	18.76	18.72	18.65		
20	64QAM	100	0	18.45	18.53	18.46	18.42		
20	256QAM	1	0	16.70	16.64	16.68	16.76	18.1	5
20	256QAM	1	49	16.57	16.52	16.51	16.63		
20	256QAM	1	99	16.71	16.60	16.63	16.72		
20	256QAM	50	0	16.72	16.53	16.65	16.66	18.1	5
20	256QAM	50	24	16.68	16.50	16.56	16.68		
20	256QAM	50	50	16.70	16.55	16.62	16.72		
20	256QAM	100	0	16.57	16.51	16.53	16.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.31	21.66	21.64	21.61	23.1	0
15	QPSK	1	37	21.48	21.56	21.62	21.57		
15	QPSK	1	74	21.47	21.54	21.53	21.39		
15	QPSK	36	0	20.65	20.79	20.59	20.64	22.1	1
15	QPSK	36	20	20.46	20.62	20.54	20.62		
15	QPSK	36	39	20.53	20.57	20.49	20.54		
15	QPSK	75	0	20.45	20.58	20.47	20.46		
15	16QAM	1	0	20.74	20.73	20.67	20.75	22.1	1
15	16QAM	1	37	20.62	20.64	20.64	20.65		
15	16QAM	1	74	20.53	20.57	20.62	20.49		
15	16QAM	36	0	19.55	19.57	19.51	19.52	21.1	2
15	16QAM	36	20	19.35	19.47	19.37	19.47		
15	16QAM	36	39	19.53	19.60	19.42	19.58		
15	16QAM	75	0	19.54	19.67	19.46	19.51		
15	64QAM	1	0	19.55	19.68	19.59	19.66	21.1	2
15	64QAM	1	37	19.64	19.69	19.61	19.65		
15	64QAM	1	74	19.50	19.64	19.52	19.53		
15	64QAM	36	0	18.63	18.70	18.56	18.56	20.1	3
15	64QAM	36	20	18.56	18.68	18.51	18.63		
15	64QAM	36	39	18.56	18.64	18.66	18.57		
15	64QAM	75	0	18.36	18.40	18.42	18.38		
15	256QAM	1	0	16.65	16.65	16.62	16.71	18.1	5
15	256QAM	1	37	16.65	16.56	16.60	16.58		
15	256QAM	1	74	16.65	16.57	16.58	16.72		
15	256QAM	36	0	16.73	16.60	16.67	16.67	18.1	5
15	256QAM	36	20	16.62	16.54	16.60	16.60		
15	256QAM	36	39	16.69	16.59	16.63	16.61		
15	256QAM	75	0	16.55	16.51	16.55	16.61		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.36	21.66	21.58	21.60	23.1	0
10	QPSK	1	25	21.51	21.59	21.62	21.57		
10	QPSK	1	49	21.45	21.54	21.50	21.40		
10	QPSK	25	0	20.66	20.76	20.62	20.66	22.1	1
10	QPSK	25	12	20.51	20.62	20.57	20.55		
10	QPSK	25	25	20.51	20.53	20.52	20.57		
10	QPSK	50	0	20.47	20.54	20.48	20.47		
10	16QAM	1	0	20.65	20.72	20.72	20.67	22.1	1
10	16QAM	1	25	20.64	20.67	20.67	20.69		
10	16QAM	1	49	20.43	20.65	20.60	20.48		
10	16QAM	25	0	19.53	19.66	19.45	19.47	21.1	2
10	16QAM	25	12	19.39	19.58	19.45	19.52		
10	16QAM	25	25	19.55	19.61	19.41	19.52		
10	16QAM	50	0	19.49	19.63	19.52	19.55		
10	64QAM	1	0	19.62	19.67	19.57	19.64	21.1	2
10	64QAM	1	25	19.65	19.70	19.52	19.66		
10	64QAM	1	49	19.55	19.64	19.55	19.50		
10	64QAM	25	0	18.62	18.71	18.53	18.66	20.1	3
10	64QAM	25	12	18.62	18.60	18.54	18.62		
10	64QAM	25	25	18.63	18.65	18.61	18.59		
10	64QAM	50	0	18.35	18.43	18.40	18.28		
10	256QAM	1	0	16.72	16.59	16.62	16.76	18.1	5
10	256QAM	1	25	16.59	16.48	16.58	16.62		
10	256QAM	1	49	16.64	16.52	16.64	16.68		
10	256QAM	25	0	16.67	16.54	16.66	16.70	18.1	5
10	256QAM	25	12	16.68	16.55	16.61	16.63		
10	256QAM	25	25	16.67	16.53	16.60	16.71		
10	256QAM	50	0	16.65	16.54	16.51	16.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.29	21.62	21.66	21.62	23.1	0
5	QPSK	1	12	21.52	21.55	21.55	21.58		
5	QPSK	1	24	21.46	21.52	21.48	21.40		
5	QPSK	12	0	20.63	20.68	20.63	20.65	22.1	1
5	QPSK	12	7	20.55	20.70	20.63	20.61		
5	QPSK	12	13	20.54	20.57	20.57	20.45		
5	QPSK	25	0	20.42	20.57	20.46	20.57		
5	16QAM	1	0	20.75	20.70	20.64	20.69	22.1	1
5	16QAM	1	12	20.59	20.68	20.63	20.69		
5	16QAM	1	24	20.53	20.66	20.54	20.49		
5	16QAM	12	0	19.57	19.63	19.50	19.55	21.1	2
5	16QAM	12	7	19.43	19.52	19.42	19.49		
5	16QAM	12	13	19.56	19.53	19.47	19.49		
5	16QAM	25	0	19.51	19.56	19.56	19.50		
5	64QAM	1	0	19.52	19.65	19.56	19.67	21.1	2
5	64QAM	1	12	19.63	19.73	19.57	19.70		
5	64QAM	1	24	19.44	19.68	19.54	19.55		
5	64QAM	12	0	18.57	18.76	18.51	18.63	20.1	3
5	64QAM	12	7	18.60	18.63	18.54	18.63		
5	64QAM	12	13	18.64	18.72	18.62	18.52		
5	64QAM	25	0	18.32	18.40	18.32	18.37		
5	256QAM	1	0	16.74	16.66	16.64	16.68	18.1	5
5	256QAM	1	12	16.61	16.46	16.57	16.65		
5	256QAM	1	24	16.67	16.58	16.58	16.69		
5	256QAM	12	0	16.71	16.57	16.68	16.74	18.1	5
5	256QAM	12	7	16.67	16.50	16.61	16.65		
5	256QAM	12	13	16.72	16.57	16.64	16.72		
5	256QAM	25	0	16.66	16.53	16.58	16.62		

Reduced Power Level for WWAN

ECI3

GSM850 ECI3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.67	31.86	31.75	32.80	22.67	22.86	22.75	23.80
GPRS 1 Tx slot	31.55	31.72	31.55	32.80	22.55	22.72	22.55	23.80
GPRS 2 Tx slots	30.94	31.10	30.97	31.80	24.94	25.10	24.97	25.80
GPRS 3 Tx slots	28.88	29.01	28.89	30.30	24.62	24.75	24.63	26.04
GPRS 4 Tx slots	27.70	27.76	27.71	29.30	24.70	24.76	24.71	26.30
EDGE 1 Tx slot	25.84	25.96	25.78	27.30	16.84	16.96	16.78	18.30
EDGE 2 Tx slots	24.55	24.64	24.59	26.30	18.55	18.64	18.59	20.30
EDGE 3 Tx slots	22.10	22.15	22.06	23.80	17.84	17.89	17.80	19.54
EDGE 4 Tx slots	21.04	21.13	21.03	22.80	18.04	18.13	18.03	19.80

GSM1900 ECI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	21.96	21.85	21.93	23.50	12.96	12.85	12.93	14.50
GPRS 1 Tx slot	21.92	21.81	21.89	23.50	12.92	12.81	12.89	14.50
GPRS 2 Tx slots	21.09	21.05	21.07	22.50	15.09	15.05	15.07	16.50
GPRS 3 Tx slots	20.04	20.05	19.98	21.50	15.78	15.79	15.72	17.24
GPRS 4 Tx slots	18.81	18.95	18.92	20.50	15.81	15.95	15.92	17.50
EDGE 1 Tx slot	18.88	18.89	19.10	19.50	9.88	9.89	10.10	10.50
EDGE 2 Tx slots	17.61	17.51	17.84	18.50	11.61	11.51	11.84	12.50
EDGE 3 Tx slots	15.21	15.26	15.53	16.50	10.95	11.00	11.27	12.24
EDGE 4 Tx slots	14.13	14.05	14.25	15.50	11.13	11.05	11.25	12.50

		WCDMA II ECI3				WCDMA V ECI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	11.75	11.84	11.67	13.30	20.97	21.22	21.16	22.30
3GPP Rel 99	RMC 12.2Kbps	11.90	11.97	11.89	13.30	21.23	21.34	21.27	22.30
3GPP Rel 6	HSDPA Subtest-1	11.10	11.02	10.99	12.30	20.44	20.42	20.35	21.30
3GPP Rel 6	HSDPA Subtest-2	11.23	11.10	11.04	12.30	20.40	20.54	20.32	21.30
3GPP Rel 6	HSDPA Subtest-3	10.79	10.58	10.51	11.80	20.20	19.93	20.02	20.80
3GPP Rel 6	HSDPA Subtest-4	10.74	10.62	10.59	11.80	20.07	20.06	19.93	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	11.02	11.09	10.93	12.30	20.39	20.45	20.31	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	10.91	11.19	10.94	12.30	20.26	20.61	20.42	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	10.56	10.61	10.39	11.80	19.85	19.97	19.84	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	10.38	10.75	10.64	11.80	19.72	20.19	20.06	20.80
3GPP Rel 6	HSUPA Subtest-1	11.10	10.96	11.10	12.30	20.57	20.42	20.48	21.30
3GPP Rel 6	HSUPA Subtest-2	9.12	9.18	9.01	10.30	18.59	18.57	18.36	19.30
3GPP Rel 6	HSUPA Subtest-3	10.18	10.15	10.04	11.30	19.47	19.53	19.36	20.30
3GPP Rel 6	HSUPA Subtest-4	9.19	9.19	8.98	10.30	18.53	18.55	18.40	19.30
3GPP Rel 6	HSUPA Subtest-5	11.18	11.24	11.01	12.30	20.60	20.61	20.50	21.30

Band 2 Ant0 ECI3

BW [MHz]	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	14.86	14.96	14.91	16.4	0
20	QPSK	1	49	14.70	14.74	14.73		
20	QPSK	1	99	14.63	14.82	14.74		
20	QPSK	50	0	13.99	14.07	13.97		
20	QPSK	50	24	13.98	13.95	13.85	15.4	1
20	QPSK	50	50	13.94	14.06	13.99		
20	QPSK	100	0	13.98	14.07	13.93		
20	16QAM	1	0	13.84	13.93	13.82		
20	16QAM	1	49	13.76	13.90	13.75	15.4	1
20	16QAM	1	99	13.71	13.85	13.80		
20	16QAM	50	0	12.84	12.85	12.72		
20	16QAM	50	24	12.72	12.76	12.59	14.4	2
20	16QAM	50	50	12.67	12.87	12.70		
20	16QAM	100	0	12.94	13.01	12.97		
20	64QAM	1	0	12.87	13.04	12.92		
20	64QAM	1	49	12.78	12.88	12.81	14.4	2
20	64QAM	1	99	12.75	12.81	12.79		
20	64QAM	50	0	11.76	11.85	11.70		
20	64QAM	50	24	11.74	11.76	11.75	13.4	3
20	64QAM	50	50	11.64	11.79	11.70		
20	64QAM	100	0	11.85	12.00	11.94		
20	256QAM	1	0	9.75	9.86	9.69		
20	256QAM	1	49	9.72	9.76	9.75	11.4	5
20	256QAM	1	99	9.62	9.79	9.72		
20	256QAM	50	0	9.83	9.99	9.93		
20	256QAM	50	24	9.66	9.79	9.71	11.4	5
20	256QAM	50	50	9.63	9.79	9.71		
20	256QAM	100	0	9.66	9.81	9.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.86	14.82	14.71	16.4	0
15	QPSK	1	37	14.68	14.66	14.61		
15	QPSK	1	74	14.59	14.78	14.67		
15	QPSK	36	0	13.88	13.98	13.90		
15	QPSK	36	20	13.87	13.89	13.75	15.4	1
15	QPSK	36	39	13.69	14.03	13.96		
15	QPSK	75	0	13.92	14.03	13.88		
15	16QAM	1	0	13.72	13.80	13.70		
15	16QAM	1	37	13.67	13.84	13.63	15.4	1
15	16QAM	1	74	13.65	13.80	13.74		
15	16QAM	36	0	12.76	12.71	12.66		
15	16QAM	36	20	12.68	12.66	12.45	14.4	2
15	16QAM	36	39	12.53	12.77	12.62		
15	16QAM	75	0	12.68	12.78	12.86		
15	64QAM	1	0	12.77	12.93	12.87		
15	64QAM	1	37	12.70	12.77	12.69	14.4	2
15	64QAM	1	74	12.69	12.71	12.68		
15	64QAM	36	0	11.71	11.81	11.63		
15	64QAM	36	20	11.60	11.65	11.65	13.4	3
15	64QAM	36	39	11.61	11.75	11.66		
15	64QAM	75	0	11.73	11.85	11.81		
15	256QAM	1	0	9.77	9.85	9.69		
15	256QAM	1	37	9.74	9.77	9.76	11.4	5
15	256QAM	1	74	9.63	9.79	9.68		
15	256QAM	36	0	9.87	10.01	9.95		
15	256QAM	36	20	9.64	9.79	9.69	11.4	5
15	256QAM	36	39	9.64	9.77	9.69		
15	256QAM	75	0	9.65	9.77	9.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.86	14.76	14.72	16.4	0
10	QPSK	1	25	14.49	14.69	14.68		
10	QPSK	1	49	14.54	14.68	14.62		
10	QPSK	25	0	13.96	14.03	13.89		
10	QPSK	25	12	13.83	13.86	13.81	15.4	1
10	QPSK	25	25	13.81	13.90	13.94		
10	QPSK	50	0	13.90	13.99	13.87		
10	16QAM	1	0	13.69	13.81	13.68		
10	16QAM	1	25	13.61	13.84	13.64	15.4	1
10	16QAM	1	49	13.58	13.77	13.76		
10	16QAM	25	0	12.80	12.72	12.61		
10	16QAM	25	12	12.67	12.68	12.48	14.4	2
10	16QAM	25	25	12.57	12.82	12.66		
10	16QAM	50	0	12.80	12.93	12.84		
10	64QAM	1	0	12.73	12.96	12.86		
10	64QAM	1	25	12.65	12.83	12.69	14.4	2
10	64QAM	1	49	12.61	12.67	12.73		
10	64QAM	25	0	11.63	11.74	11.61		
10	64QAM	25	12	11.61	11.63	11.62	13.4	3
10	64QAM	25	25	11.52	11.69	11.66		
10	64QAM	50	0	11.79	11.89	11.80		
10	256QAM	1	0	9.75	9.85	9.71		
10	256QAM	1	25	9.75	9.77	9.73	11.4	5
10	256QAM	1	49	9.65	9.79	9.71		
10	256QAM	25	0	9.84	10.00	9.94		
10	256QAM	25	12	9.66	9.80	9.71	11.4	5
10	256QAM	25	25	9.63	9.81	9.68		
10	256QAM	50	0	9.64	9.79	9.71		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.77	14.86	14.79	16.4	0
5	QPSK	1	12	14.56	14.65	14.59		
5	QPSK	1	24	14.59	14.75	14.70		
5	QPSK	12	0	13.88	13.92	13.89	15.4	1
5	QPSK	12	7	13.83	13.87	13.71		
5	QPSK	12	13	13.81	14.00	13.87		
5	QPSK	25	0	13.85	13.99	13.83		
5	16QAM	1	0	13.69	13.87	13.78		
5	16QAM	1	12	13.66	13.84	13.63	15.4	1
5	16QAM	1	24	13.60	13.70	13.72		
5	16QAM	12	0	12.81	12.73	12.66		
5	16QAM	12	7	12.67	12.69	12.47	14.4	2
5	16QAM	12	13	12.64	12.79	12.57		
5	16QAM	25	0	12.88	12.89	12.93		
5	64QAM	1	0	12.77	12.94	12.87		
5	64QAM	1	12	12.66	12.74	12.75	14.4	2
5	64QAM	1	24	12.61	12.72	12.71		
5	64QAM	12	0	11.63	11.79	11.59		
5	64QAM	12	7	11.65	11.72	11.72	13.4	3
5	64QAM	12	13	11.56	11.75	11.60		
5	64QAM	25	0	11.77	11.91	11.89		
5	256QAM	1	0	9.77	9.85	9.70		
5	256QAM	1	12	9.73	9.75	9.73	11.4	5
5	256QAM	1	24	9.64	9.79	9.70		
5	256QAM	12	0	9.83	9.99	9.95		
5	256QAM	12	7	9.65	9.80	9.70	11.4	5
5	256QAM	12	13	9.62	9.79	9.70		
5	256QAM	25	0	9.66	9.80	9.69		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.87	14.84	14.71	16.4	0
3	QPSK	1	8	14.54	14.63	14.61		
3	QPSK	1	14	14.57	14.67	14.68		
3	QPSK	8	0	13.96	13.98	13.82	15.4	1
3	QPSK	8	4	13.91	13.90	13.78		
3	QPSK	8	7	13.90	13.94	13.85		
3	QPSK	15	0	13.91	14.00	13.80		
3	16QAM	1	0	13.77	13.85	13.69	15.4	1
3	16QAM	1	8	13.70	13.83	13.70		
3	16QAM	1	14	13.61	13.79	13.76		
3	16QAM	8	0	12.75	12.77	12.63	14.4	2
3	16QAM	8	4	12.67	12.67	12.54		
3	16QAM	8	7	12.64	12.73	12.60		
3	16QAM	15	0	12.86	12.88	12.87		
3	64QAM	1	0	12.83	12.93	12.86	14.4	2
3	64QAM	1	8	12.66	12.81	12.67		
3	64QAM	1	14	12.63	12.74	12.65		
3	64QAM	8	0	11.67	11.77	11.62	13.4	3
3	64QAM	8	4	11.68	11.70	11.71		
3	64QAM	8	7	11.61	11.69	11.67		
3	64QAM	15	0	11.78	11.91	11.80		
3	256QAM	1	0	9.76	9.85	9.72	11.4	5
3	256QAM	1	8	9.72	9.76	9.76		
3	256QAM	1	14	9.66	9.81	9.69		
3	256QAM	8	0	9.85	10.02	9.94		
3	256QAM	8	4	9.64	9.79	9.72	11.4	5
3	256QAM	8	7	9.64	9.79	9.71		
3	256QAM	15	0	9.65	9.80	9.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.80	14.83	14.72	16.4	0
1.4	QPSK	1	3	14.59	14.59	14.62		
1.4	QPSK	1	5	14.54	14.76	14.69		
1.4	QPSK	3	0	14.80	14.82	14.75		
1.4	QPSK	3	1	14.84	14.81	14.61		
1.4	QPSK	3	3	14.72	14.85	14.75		
1.4	QPSK	6	0	13.94	13.99	13.81	15.4	1
1.4	16QAM	1	0	13.77	13.80	13.73	15.4	1
1.4	16QAM	1	3	13.72	13.78	13.63		
1.4	16QAM	1	5	13.57	13.74	13.65		
1.4	16QAM	3	0	13.76	13.71	13.59		
1.4	16QAM	3	1	13.61	13.65	13.48		
1.4	16QAM	3	3	13.64	13.82	13.58		
1.4	16QAM	6	0	12.91	12.95	12.85	14.4	2
1.4	64QAM	1	0	12.82	12.90	12.79	14.4	2
1.4	64QAM	1	3	12.70	12.74	12.75		
1.4	64QAM	1	5	12.62	12.75	12.71		
1.4	64QAM	3	0	12.65	12.76	12.56		
1.4	64QAM	3	1	12.67	12.72	12.66		
1.4	64QAM	3	3	12.53	12.69	12.62		
1.4	64QAM	6	0	11.80	11.95	11.87	13.4	3
1.4	256QAM	1	0	9.77	9.85	9.69	11.4	5
1.4	256QAM	1	3	9.74	9.78	9.75		
1.4	256QAM	1	5	9.64	9.78	9.70		
1.4	256QAM	3	0	9.85	10.01	9.94		
1.4	256QAM	3	1	9.64	9.80	9.70		
1.4	256QAM	3	3	9.66	9.77	9.69		
1.4	256QAM	6	0	9.64	9.77	9.69	11.4	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.29	17.52	17.31	18.5	0
20	QPSK	1	49	17.30	17.35	17.31		
20	QPSK	1	99	17.15	17.57	17.17		
20	QPSK	50	0	16.60	16.63	16.53		
20	QPSK	50	24	16.57	16.48	16.55	17.5	1
20	QPSK	50	50	16.46	16.55	16.45		
20	QPSK	100	0	16.54	16.61	16.55		
20	16QAM	1	0	16.59	16.63	16.60		
20	16QAM	1	49	16.33	16.35	16.36	17.5	1
20	16QAM	1	99	16.32	16.47	16.36		
20	16QAM	50	0	15.57	15.57	15.49		
20	16QAM	50	24	15.52	15.64	15.52	16.5	2
20	16QAM	50	50	15.52	15.54	15.50		
20	16QAM	100	0	15.51	15.66	15.51		
20	64QAM	1	0	15.53	15.58	15.49		
20	64QAM	1	49	15.26	15.46	15.31	16.5	2
20	64QAM	1	99	15.37	15.49	15.50		
20	64QAM	50	0	14.54	14.72	14.53		
20	64QAM	50	24	14.61	14.72	14.69	15.5	3
20	64QAM	50	50	14.59	14.53	14.54		
20	64QAM	100	0	14.58	14.62	14.45		
20	256QAM	1	0	12.63	12.65	12.61		
20	256QAM	1	49	12.56	12.52	12.52	13.5	5
20	256QAM	1	99	12.65	12.58	12.67		
20	256QAM	50	0	12.65	12.62	12.66		
20	256QAM	50	24	12.71	12.57	12.56	13.5	5
20	256QAM	50	50	12.66	12.58	12.57		
20	256QAM	100	0	12.59	12.63	12.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.25	17.48	17.26	18.5	0
15	QPSK	1	37	17.25	17.29	17.24		
15	QPSK	1	74	17.11	17.30	17.13		
15	QPSK	36	0	16.58	16.58	16.46	17.5	1
15	QPSK	36	20	16.51	16.42	16.50		
15	QPSK	36	39	16.39	16.54	16.41		
15	QPSK	75	0	16.47	16.60	16.58		
15	16QAM	1	0	16.55	16.55	16.55	17.5	1
15	16QAM	1	37	16.27	16.31	16.32		
15	16QAM	1	74	16.25	16.42	16.32		
15	16QAM	36	0	15.52	15.51	15.46	16.5	2
15	16QAM	36	20	15.45	15.60	15.46		
15	16QAM	36	39	15.48	15.49	15.44		
15	16QAM	75	0	15.48	15.62	15.44		
15	64QAM	1	0	15.47	15.51	15.48	16.5	2
15	64QAM	1	37	15.22	15.43	15.25		
15	64QAM	1	74	15.32	15.43	15.42		
15	64QAM	36	0	14.50	14.48	14.48	15.5	3
15	64QAM	36	20	14.54	14.66	14.51		
15	64QAM	36	39	14.50	14.46	14.51		
15	64QAM	75	0	14.53	14.54	14.43		
15	256QAM	1	0	12.60	12.57	12.57	13.5	5
15	256QAM	1	37	12.52	12.45	12.47		
15	256QAM	1	74	12.63	12.53	12.62		
15	256QAM	36	0	12.61	12.57	12.58	13.5	5
15	256QAM	36	20	12.65	12.51	12.53		
15	256QAM	36	39	12.61	12.51	12.48		
15	256QAM	75	0	12.55	12.61	12.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.24	17.47	17.27	18.5	0
10	QPSK	1	25	17.25	17.29	17.26		
10	QPSK	1	49	17.07	17.29	17.12		
10	QPSK	25	0	16.55	16.57	16.47	17.5	1
10	QPSK	25	12	16.52	16.39	16.53		
10	QPSK	25	25	16.41	16.55	16.42		
10	QPSK	50	0	16.50	16.61	16.59		
10	16QAM	1	0	16.54	16.55	16.56	17.5	1
10	16QAM	1	25	16.30	16.31	16.32		
10	16QAM	1	49	16.24	16.42	16.31		
10	16QAM	25	0	15.52	15.52	15.47	16.5	2
10	16QAM	25	12	15.44	15.61	15.49		
10	16QAM	25	25	15.47	15.47	15.45		
10	16QAM	50	0	15.48	15.61	15.46		
10	64QAM	1	0	15.47	15.53	15.47	16.5	2
10	64QAM	1	25	15.21	15.39	15.28		
10	64QAM	1	49	15.35	15.44	15.43		
10	64QAM	25	0	14.52	14.70	14.52	15.5	3
10	64QAM	25	12	14.53	14.67	14.62		
10	64QAM	25	25	14.54	14.49	14.51		
10	64QAM	50	0	14.52	14.55	14.41		
10	256QAM	1	0	12.61	12.56	12.59	13.5	5
10	256QAM	1	25	12.53	12.47	12.47		
10	256QAM	1	49	12.62	12.54	12.61		
10	256QAM	25	0	12.61	12.55	12.61	13.5	5
10	256QAM	25	12	12.65	12.53	12.53		
10	256QAM	25	25	12.59	12.52	12.51		
10	256QAM	50	0	12.54	12.62	12.45		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.23	17.44	17.24	18.5	0
5	QPSK	1	12	17.25	17.30	17.24		
5	QPSK	1	24	17.09	17.32	17.13		
5	QPSK	12	0	16.57	16.59	16.48	17.5	1
5	QPSK	12	7	16.51	16.41	16.50		
5	QPSK	12	13	16.40	16.56	16.40		
5	QPSK	25	0	16.49	16.61	16.56		
5	16QAM	1	0	16.56	16.57	16.56	17.5	1
5	16QAM	1	12	16.26	16.31	16.39		
5	16QAM	1	24	16.26	16.43	16.32		
5	16QAM	12	0	15.54	15.50	15.46	16.5	2
5	16QAM	12	7	15.48	15.60	15.47		
5	16QAM	12	13	15.46	15.46	15.45		
5	16QAM	25	0	15.49	15.61	15.46		
5	64QAM	1	0	15.46	15.54	15.45	16.5	2
5	64QAM	1	12	15.21	15.39	15.25		
5	64QAM	1	24	15.35	15.42	15.38		
5	64QAM	12	0	14.51	14.67	14.52	15.5	3
5	64QAM	12	7	14.53	14.65	14.65		
5	64QAM	12	13	14.50	14.46	14.52		
5	64QAM	25	0	14.52	14.57	14.41		
5	256QAM	1	0	12.60	12.59	12.58	13.5	5
5	256QAM	1	12	12.53	12.45	12.49		
5	256QAM	1	24	12.64	12.52	12.62		
5	256QAM	12	0	12.61	12.58	12.61	13.5	5
5	256QAM	12	7	12.66	12.54	12.52		
5	256QAM	12	13	12.58	12.54	12.50		
5	256QAM	25	0	12.54	12.59	12.46		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.23	17.48	17.25	18.5	0
3	QPSK	1	8	17.25	17.29	17.26		
3	QPSK	1	14	17.11	17.30	17.14		
3	QPSK	8	0	16.59	16.57	16.47	17.5	1
3	QPSK	8	4	16.53	16.39	16.52		
3	QPSK	8	7	16.40	16.55	16.41		
3	QPSK	15	0	16.47	16.63	16.58		
3	16QAM	1	0	16.54	16.58	16.57	17.5	1
3	16QAM	1	8	16.28	16.29	16.33		
3	16QAM	1	14	16.25	16.40	16.32		
3	16QAM	8	0	15.54	15.50	15.46	16.5	2
3	16QAM	8	4	15.44	15.61	15.46		
3	16QAM	8	7	15.48	15.46	15.43		
3	16QAM	15	0	15.48	15.61	15.45		
3	64QAM	1	0	15.47	15.55	15.46	16.5	2
3	64QAM	1	8	15.22	15.40	15.26		
3	64QAM	1	14	15.35	15.47	15.44		
3	64QAM	8	0	14.51	14.68	14.50	15.5	3
3	64QAM	8	4	14.57	14.66	14.64		
3	64QAM	8	7	14.50	14.49	14.51		
3	64QAM	15	0	14.55	14.55	14.42		
3	256QAM	1	0	12.60	12.59	12.55	13.5	5
3	256QAM	1	8	12.54	12.48	12.48		
3	256QAM	1	14	12.61	12.53	12.60		
3	256QAM	8	0	12.60	12.55	12.61	13.5	5
3	256QAM	8	4	12.64	12.52	12.53		
3	256QAM	8	7	12.58	12.53	12.51		
3	256QAM	15	0	12.53	12.60	12.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.17	17.32	17.18	18.5	0
1.4	QPSK	1	3	17.10	17.13	17.17		
1.4	QPSK	1	5	17.02	17.19	16.97		
1.4	QPSK	3	0	17.26	17.33	17.11		
1.4	QPSK	3	1	17.25	17.11	17.20		
1.4	QPSK	3	3	17.09	17.24	17.08		
1.4	QPSK	6	0	16.34	16.52	16.44	17.5	1
1.4	16QAM	1	0	16.53	16.47	16.41	17.5	1
1.4	16QAM	1	3	16.24	16.21	16.19		
1.4	16QAM	1	5	16.14	16.33	16.20		
1.4	16QAM	3	0	16.47	16.39	16.34		
1.4	16QAM	3	1	16.43	16.57	16.43		
1.4	16QAM	3	3	16.35	16.44	16.34		
1.4	16QAM	6	0	15.45	15.53	15.40	16.5	2
1.4	64QAM	1	0	15.36	15.43	15.40	16.5	2
1.4	64QAM	1	3	15.12	15.34	15.15		
1.4	64QAM	1	5	15.31	15.37	15.39		
1.4	64QAM	3	0	15.41	15.60	15.48		
1.4	64QAM	3	1	15.50	15.59	15.59		
1.4	64QAM	3	3	15.38	15.40	15.45		
1.4	64QAM	6	0	14.42	14.46	14.39	15.5	3
1.4	256QAM	1	0	12.49	12.49	12.52	13.5	5
1.4	256QAM	1	3	12.39	12.40	12.40		
1.4	256QAM	1	5	12.56	12.40	12.57		
1.4	256QAM	3	0	12.54	12.52	12.51		
1.4	256QAM	3	1	12.53	12.44	12.40		
1.4	256QAM	3	3	12.56	12.45	12.36		
1.4	256QAM	6	0	12.51	12.50	12.37	13.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.99	23.12	23.07	24	0
10	QPSK	1	25	22.98	23.07	23.02		
10	QPSK	1	49	22.91	23.02	22.96		
10	QPSK	25	0	21.99	22.05	21.91	23	1
10	QPSK	25	12	21.94	21.99	21.90		
10	QPSK	25	25	21.84	21.94	21.80		
10	QPSK	50	0	21.96	22.04	21.96		
10	16QAM	1	0	22.12	22.20	22.14	23	1
10	16QAM	1	25	22.09	22.16	22.05		
10	16QAM	1	49

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.70	22.77	22.73	24	0
10	QPSK	1	25	22.64	22.68	22.59		
10	QPSK	1	49	22.51	22.63	22.56		
10	QPSK	25	0	21.56	21.66	21.52	23	1
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.52	21.60	21.50		
10	QPSK	50	0	21.56	21.68	21.57		
10	16QAM	1	0	21.52	21.66	21.61		
10	16QAM	1	25	21.47	21.53	21.48	23	1
10	16QAM	1	49	21.48	21.57	21.51		
10	16QAM	25	0	20.50	20.59	20.47		
10	16QAM	25	12	20.39	20.51	20.44	22	2
10	16QAM	25	25	20.51	20.57	20.51		
10	16QAM	50	0	20.50	20.54	20.51		
10	64QAM	1	0	20.59	20.69	20.55		
10	64QAM	1	25	20.53	20.57	20.44	22	2
10	64QAM	1	49	20.51	20.60	20.49		
10	64QAM	25	0	19.54	19.58	19.47		
10	64QAM	25	12	19.41	19.52	19.44	21	3
10	64QAM	25	25	19.54	19.58	19.53		
10	64QAM	50	0	19.38	19.51	19.45		
10	256QAM	1	0	17.77	17.85	17.79		
10	256QAM	1	25	17.70	17.69	17.67	19	5
10	256QAM	1	49	17.78	17.70	17.74		
10	256QAM	25	0	17.77	17.81	17.74		
10	256QAM	25	12	17.74	17.78	17.75	19	5
10	256QAM	25	25	17.82	17.78	17.74		
10	256QAM	50	0	17.67	17.76	17.72		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.59	22.71	22.67	24	0
5	QPSK	1	12	22.54	22.60	22.45		
5	QPSK	1	24	22.48	22.53	22.50		
5	QPSK	12	0	21.46	21.62	21.48	23	1
5	QPSK	12	7	21.47	21.57	21.44		
5	QPSK	12	13	21.44	21.48	21.47		
5	QPSK	25	0	21.42	21.54	21.52		
5	16QAM	1	0	21.41	21.58	21.46	23	1
5	16QAM	1	12	21.33	21.41	21.43		
5	16QAM	1	24	21.34	21.49	21.43		
5	16QAM	12	0	20.41	20.46	20.43	22	2
5	16QAM	12	7	20.33	20.43	20.34		
5	16QAM	12	13	20.40	20.48	20.37		
5	16QAM	25	0	20.41	20.42	20.37		
5	64QAM	1	0	20.55	20.65	20.50	22	2
5	64QAM	1	12	20.49	20.46	20.30		
5	64QAM	1	24	20.45	20.57	20.38		
5	64QAM	12	0	19.43	19.52	19.37	21	3
5	64QAM	12	7	19.32	19.37	19.40		
5	64QAM	12	13	19.49	19.49	19.44		
5	64QAM	25	0	19.33	19.38	19.40		
5	256QAM	1	0	17.84	17.82	17.87	19	5
5	256QAM	1	12	17.75	17.76	17.72		
5	256QAM	1	24	17.79	17.77	17.77		
5	256QAM	12	0	17.78	17.76	17.79	19	5
5	256QAM	12	7	17.75	17.79	17.73		
5	256QAM	12	13	17.72	17.71	17.74		
5	256QAM	25	0	17.75	17.73	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.70	22.63	24	0
3	QPSK	1	8	22.53	22.60	22.52		
3	QPSK	1	14	22.40	22.52	22.48		
3	QPSK	8	0	21.52	21.55	21.47	23	1
3	QPSK	8	4	21.50	21.59	21.44		
3	QPSK	8	7	21.45	21.55	21.44		
3	QPSK	15	0	21.45	21.55	21.43		
3	16QAM	1	0	21.39	21.63	21.51	23	1
3	16QAM	1	8	21.43	21.39	21.41		
3	16QAM	1	14	21.42	21.50	21.42		
3	16QAM	8	0	20.42	20.46	20.39	22	2
3	16QAM	8	4	20.34	20.40	20.38		
3	16QAM	8	7	20.38	20.53	20.45		
3	16QAM	15	0	20.46	20.44	20.41		
3	64QAM	1	0	20.50	20.55	20.43	22	2
3	64QAM	1	8	20.43	20.48	20.32		
3	64QAM	1	14	20.36	20.48	20.42		
3	64QAM	8	0	19.40	19.47	19.32	21	3
3	64QAM	8	4	19.29	19.45	19.30		
3	64QAM	8	7	19.50	19.50	19.50		
3	64QAM	15	0	19.29	19.38	19.41		
3	256QAM	1	0	17.85	17.85	17.83	19	5
3	256QAM	1	8	17.70	17.75	17.72		
3	256QAM	1	14	17.78	17.81	17.70		
3	256QAM	8	0	17.81	17.76	17.82	19	5
3	256QAM	8	4	17.71	17.72	17.76		
3	256QAM	8	7	17.79	17.82	17.83		
3	256QAM	15	0	17.69	17.71	17.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.67	22.67	24	0
1.4	QPSK	1	3	22.60	22.62	22.50		
1.4	QPSK	1	5	22.38	22.57	22.43		
1.4	QPSK	3	0	22.51	22.61	22.42		
1.4	QPSK	3	1	22.48	22.54	22.44		
1.4	QPSK	3	3	22.40	22.51	22.45		
1.4	QPSK	6	0	21.47	21.57	21.45	23	1
1.4	16QAM	1	0	21.46	21.63	21.57	23	1
1.4	16QAM	1	3	21.37	21.43	21.38		
1.4	16QAM	1	5	21.38	21.47	21.37		
1.4	16QAM	3	0	21.43	21.49	21.34		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.40	21.53	21.39		
1.4	16QAM	6	0	20.40	20.43	20.40	22	2
1.4	64QAM	1	0	20.48	20.65	20.51	22	2
1.4	64QAM	1	3	20.46	20.51	20.39		
1.4	64QAM	1	5	20.39	20.54	20.43		
1.4	64QAM	3	0	20.45	20.46	20.35		
1.4	64QAM	3	1	20.37	20.39	20.36		
1.4	64QAM	3	3	20.46	20.55	20.40		
1.4	64QAM	6	0	19.27	19.47	19.33	21	3
1.4	256QAM	1	0	17.85	17.96	17.87	19	5
1.4	256QAM	1	3	17.68	17.73	17.70		
1.4	256QAM	1	5	17.78	17.72	17.81		
1.4	256QAM	3	0	17.74	17.77	17.74		
1.4	256QAM	3	1	17.74	17.68	17.73		
1.4	256QAM	3	3	17.79	17.72	17.77		
1.4	256QAM	6	0	17.76	17.69	17.74	19	5

Band 13 Ant0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.89		24	0
10	QPSK	1	25		22.73			
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.70		23	1
10	QPSK	25	12		21.65			
10	QPSK	25	25		21.62			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.67			
10	16QAM	1	25		21.59		23	1
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.49		22	2
10	16QAM	25	25		20.42			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.69			
10	64QAM	1	25		20.64		22	2
10	64QAM	1	49		20.52			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.53		21	3
10	64QAM	25	25		19.41			
10	64QAM	50	0		19.50			
10	256QAM	1	0		17.90			
10	256QAM	1	25		17.87		19	5
10	256QAM	1	49		17.82			
10	256QAM	25	0		17.92			
10	256QAM	25	12		17.78		19	5
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.77			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.74	22.70	24	0
5	QPSK	1	12	22.65	22.59	22.61		
5	QPSK	1	24	22.48	22.62	22.50		
5	QPSK	12	0	21.49	21.59	21.50	23	1
5	QPSK	12	7	21.38	21.58	21.52		
5	QPSK	12	13	21.48	21.58	21.46		
5	QPSK	25	0	21.47	21.54	21.47		
5	16QAM	1	0	21.47	21.62	21.41	23	1
5	16QAM	1	12	21.42	21.50	21.32		
5	16QAM	1	24	21.42	21.47	21.34		
5	16QAM	12	0	20.34	20.44	20.41	22	2
5	16QAM	12	7	20.37	20.44	20.26		
5	16QAM	12	13	20.21	20.28	20.26		
5	16QAM	25	0	20.40	20.51	20.36		
5	64QAM	1	0	20.44	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.50	20.47		
5	64QAM	1	24	20.33	20.44	20.40		
5	64QAM	12	0	19.33	19.46	19.31	21	3
5	64QAM	12	7	19.34	19.48	19.34		
5	64QAM	12	13	19.24	19.27	19.26		
5	64QAM	25	0	19.28	19.38	19.35		
5	256QAM	1	0	17.90	17.85	17.96	19	5
5	256QAM	1	12	17.86	17.87	17.78		
5	256QAM	1	24	17.85	17.81	17.82		
5	256QAM	12	0	17.88	17.92	17.84	19	5
5	256QAM	12	7	17.78	17.88	17.80		
5	256QAM	12	13	17.89	17.84	17.86		
5	256QAM	25	0	17.85	17.85	17.84		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.44	17.66	17.45	18.5	0
20	QPSK	1	49	17.44	17.50	17.45		
20	QPSK	1	99	17.29	17.51	17.32		
20	QPSK	50	0	16.77	16.78	16.66	17.5	1
20	QPSK	50	24	16.72	16.61	16.71		
20	QPSK	50	50	16.60	16.76	16.61		
20	QPSK	100	0	16.68	16.82	16.77		
20	16QAM	1	0	16.75	16.77	16.76		
20	16QAM	1	49	16.48	16.51	16.51	17.5	1
20	16QAM	1	99	16.45	16.62	16.51		
20	16QAM	50	0	15.73	15.72	15.65	16.5	2
20	16QAM	50	24	15.66	15.80	15.67		
20	16QAM	50	50	15.67	15.68	15.65		
20	16QAM	100	0	15.67	15.82	15.65		
20	64QAM	1	0	15.68	15.73	15.66	16.5	2
20	64QAM	1	49	15.42	15.61	15.47		
20	64QAM	1	99	15.54	15.65	15.64		
20	64QAM	50	0	14.71	14.88	14.70	15.5	3
20	64QAM	50	24	14.75	14.86	14.83		
20	64QAM	50	50	14.72	14.67	14.71		
20	64QAM	100	0	14.73	14.76	14.61		
20	256QAM	1	0	12.79	12.78	12.77	13.5	5
20	256QAM	1	49	12.72	12.66	12.68		
20	256QAM	1	99	12.82	12.74	12.82		
20	256QAM	50	0	12.82	12.76	12.80	13.5	5
20	256QAM	50	24	12.86	12.72	12.72		
20	256QAM	50	50	12.80	12.72	12.70		
20	256QAM	100	0	12.74	12.80	12.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.40	17.55	17.37	18.5	0
15	QPSK	1	37	17.41	17.43	17.37		
15	QPSK	1	74	17.23	17.43	17.27		
15	QPSK	36	0	16.83	16.64	16.59	17.5	1
15	QPSK	36	20	16.63	16.49	16.61		
15	QPSK	36	39	16.50	16.67	16.51		
15	QPSK	75	0	16.56	16.74	16.68		
15	16QAM	1	0	16.70	16.70	16.61	17.5	1
15	16QAM	1	37	16.36	16.40	16.41		
15	16QAM	1	74	16.31	16.58	16.37		
15	16QAM	36	0	15.58	15.68	15.50	16.5	2
15	16QAM	36	20	15.59	15.75	15.59		
15	16QAM	36	39	15.52	15.60	15.58		
15	16QAM	75	0	15.62	15.72	15.60		
15	64QAM	1	0	15.64	15.68	15.59	16.5	2
15	64QAM	1	37	15.33	15.47	15.33		
15	64QAM	1	74	15.45	15.59	15.51		
15	64QAM	36	0	14.59	14.77	14.64	15.5	3
15	64QAM	36	20	14.60	14.83	14.77		
15	64QAM	36	39	14.69	14.58	14.62		
15	64QAM	75	0	14.69	14.62	14.46		
15	256QAM	1	0	12.65	12.71	12.73	13.5	5
15	256QAM	1	37	12.65	12.53	12.65		
15	256QAM	1	74	12.76	12.71	12.67		
15	256QAM	36	0	12.71	12.70	12.76	13.5	5
15	256QAM	36	20	12.80	12.63	12.64		
15	256QAM	36	39	12.73	12.65	12.61		
15	256QAM	75	0	12.70	12.76	12.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.30	17.53	17.41	18.5	0
10	QPSK	1	25	17.34	17.43	17.40		
10	QPSK	1	49	17.25	17.43	17.24		
10	QPSK	25	0	16.62	16.65	16.52	17.5	1
10	QPSK	25	12	16.66	16.55	16.66		
10	QPSK	25	25	16.50	16.66	16.53		
10	QPSK	50	0	16.55	16.69	16.65		
10	16QAM	1	0	16.61	16.66	16.68	17.5	1
10	16QAM	1	25	16.35	16.46	16.39		
10	16QAM	1	49	16.33	16.51	16.39		
10	16QAM	25	0	15.69	15.69	15.60	16.5	2
10	16QAM	25	12	15.59	15.71	15.58		
10	16QAM	25	25	15.55	15.61	15.58		
10	16QAM	50	0	15.52	15.78	15.58		
10	64QAM	1	0	15.53	15.69	15.51	16.5	2
10	64QAM	1	25	15.35	15.53	15.37		
10	64QAM	1	49	15.47	15.58	15.50		
10	64QAM	25	0	14.61	14.75	14.60	15.5	3
10	64QAM	25	12	14.67	14.81	14.80		
10	64QAM	25	25	14.68	14.58	14.65		
10	64QAM	50	0	14.64	14.73	14.47		
10	256QAM	1	0	12.66	12.74	12.64	13.5	5
10	256QAM	1	25	12.60	12.55	12.60		
10	256QAM	1	49	12.76	12.65	12.71		
10	256QAM	25	0	12.74	12.63	12.71	13.5	5
10	256QAM	25	12	12.83	12.68	12.63		
10	256QAM	25	25	12.72	12.69	12.58		
10	256QAM	50	0	12.68	12.70	12.60		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.30	17.60	17.32	18.5	0
5	QPSK	1	12	17.32	17.38	17.37		
5	QPSK	1	24	17.24	17.39	17.22		
5	QPSK	12	0	16.67	16.68	16.54	17.5	1
5	QPSK	12	7	16.66	16.50	16.66		
5	QPSK	12	13	16.57	16.64	16.48		
5	QPSK	25	0	16.60	16.77	16.69		
5	16QAM	1	0	16.72	16.63	16.71	17.5	1
5	16QAM	1	12	16.35	16.45	16.38		
5	16QAM	1	24	16.31	16.58	16.42		
5	16QAM	12	0	15.66	15.62	15.51	16.5	2
5	16QAM	12	7	15.54	15.73	15.54		
5	16QAM	12	13	15.58	15.60	15.53		
5	16QAM	25	0	15.59	15.72	15.57		
5	64QAM	1	0	15.64	15.59	15.58	16.5	2
5	64QAM	1	12	15.32	15.53	15.39		
5	64QAM	1	24	15.45	15.58	15.50		
5	64QAM	12	0	14.60	14.82	14.64	15.5	3
5	64QAM	12	7	14.66	14.75	14.74		
5	64QAM	12	13	14.61	14.64	14.59		
5	64QAM	25	0	14.59	14.67	14.47		
5	256QAM	1	0	12.66	12.68	12.68	13.5	5
5	256QAM	1	12	12.62	12.60	12.57		
5	256QAM	1	24	12.76	12.60	12.71		
5	256QAM	12	0	12.69	12.68	12.67	13.5	5
5	256QAM	12	7	12.73	12.59	12.69		
5	256QAM	12	13	12.69	12.60	12.66		
5	256QAM	25	0	12.71	12.76	12.62		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.30	17.63	17.39	18.5	0
3	QPSK	1	8	17.32	17.41	17.32		
3	QPSK	1	14	17.24	17.37	17.24		
3	QPSK	8	0	16.62	16.72	16.60	17.5	1
3	QPSK	8	4	16.60	16.51	16.62		
3	QPSK	8	7	16.45	16.70	16.57		
3	QPSK	15	0	16.55	16.71	16.65		
3	16QAM	1	0	16.66	16.72	16.67	17.5	1
3	16QAM	1	8	16.45	16.40	16.41		
3	16QAM	1	14	16.35	16.56	16.36		
3	16QAM	8	0	15.63	15.69	15.55	16.5	2
3	16QAM	8	4	15.51	15.73	15.64		
3	16QAM	8	7	15.53	15.62	15.56		
3	16QAM	15	0	15.52	15.72	15.59		
3	64QAM	1	0	15.60	15.62	15.63	16.5	2
3	64QAM	1	8	15.32	15.58	15.41		
3	64QAM	1	14	15.41	15.54	15.50		
3	64QAM	8	0	14.66	14.75	14.59	15.5	3
3	64QAM	8	4	14.62	14.75	14.80		
3	64QAM	8	7	14.60	14.61	14.57		
3	64QAM	15	0	14.63	14.69	14.50		
3	256QAM	1	0	12.67	12.71	12.71	13.5	5
3	256QAM	1	8	12.60	12.53	12.63		
3	256QAM	1	14	12.71	12.60	12.76		
3	256QAM	8	0	12.77	12.61	12.77	13.5	5
3	256QAM	8	4	12.74	12.58	12.62		
3	256QAM	8	7	12.75	12.64	12.59		
3	256QAM	15	0	12.69	12.76	12.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.39	17.52	17.39	18.5	0
1.4	QPSK	1	3	17.29	17.35	17.37		
1.4	QPSK	1	5	17.22	17.39	17.17		
1.4	QPSK	3	0	17.44	17.54	17.32		
1.4	QPSK	3	1	17.45	17.31	17.38		
1.4	QPSK	3	3	17.30	17.43	17.27		
1.4	QPSK	6	0	16.53	16.74	16.64	17.5	1
1.4	16QAM	1	0	16.71	16.66	16.62	17.5	1
1.4	16QAM	1	3	16.44	16.43	16.39		
1.4	16QAM	1	5	16.36	16.53	16.40		
1.4	16QAM	3	0	16.66	16.60	16.55		
1.4	16QAM	3	1	16.62	16.76	16.62		
1.4	16QAM	3	3	16.54	16.62	16.53		
1.4	16QAM	6	0	15.63	15.72	15.60	16.5	2
1.4	64QAM	1	0	15.57	15.63	15.62	16.5	2
1.4	64QAM	1	3	15.34	15.54	15.36		
1.4	64QAM	1	5	15.50	15.55	15.59		
1.4	64QAM	3	0	15.62	15.79	15.67		
1.4	64QAM	3	1	15.71	15.80	15.78		
1.4	64QAM	3	3	15.59	15.61	15.66		
1.4	64QAM	6	0	14.61	14.65	14.58	15.5	3
1.4	256QAM	1	0	12.68	12.69	12.72	13.5	5
1.4	256QAM	1	3	12.60	12.60	12.59		
1.4	256QAM	1	5	12.74	12.61	12.77		
1.4	256QAM	3	0	12.76	12.73	12.72		
1.4	256QAM	3	1	12.72	12.65	12.59		
1.4	256QAM	3	3	12.75	12.65	12.56		
1.4	256QAM	6	0	12.69	12.72	12.57	13.5	5

Band 2 Ant1 ECI3

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	15.72	15.89	15.77		
20	QPSK	1	49	15.64	15.73	15.68	17.2	0
20	QPSK	1	99	15.62	15.79	15.70		
20	QPSK	50	0	14.71	14.79	14.64		
20	QPSK	50	24	14.57	14.63	14.54	16.2	1
20	QPSK	50	50	14.69	14.67	14.61		
20	QPSK	100	0	14.80	14.88	14.74		
20	16QAM	1	0	14.51	14.62	14.60		
20	16QAM	1	49	14.58	14.66	14.75	16.2	1
20	16QAM	1	99	14.60	14.66	14.54		
20	16QAM	50	0	13.69	13.79	13.63		
20	16QAM	50	24	13.61	13.72	13.51	15.2	2
20	16QAM	50	50	13.68	13.69	13.70		
20	16QAM	100	0	13.77	13.84	13.70		
20	64QAM	1	0	13.61	13.69	13.48		
20	64QAM	1	49	13.53	13.60	13.54	15.2	2
20	64QAM	1	99	13.53	13.67	13.53		
20	64QAM	50	0	12.70	12.72	12.55		
20	64QAM	50	24	12.57	12.71	12.49	14.2	3
20	64QAM	50	50	12.74	12.73	12.71		
20	64QAM	100	0	12.74	12.73	12.80		
20	256QAM	1	0	11.46	11.34	11.33		
20	256QAM	1	49	11.27	11.32	11.26	12.2	5
20	256QAM	1	99	11.34	11.39	11.36		
20	256QAM	50	0	11.34	11.52	11.35		
20	256QAM	50	24	11.24	11.31	11.23	12.2	5
20	256QAM	50	50	11.31	11.27	11.40		
20	256QAM	100	0	11.32	11.39	11.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.71	15.76	15.65		
15	QPSK	1	37	15.64	15.65	15.51	17.2	0
15	QPSK	1	74	15.55	15.69	15.67		
15	QPSK	36	0	14.68	14.75	14.59		
15	QPSK	36	20	14.41	14.51	14.46	16.2	1
15	QPSK	36	39	14.58	14.58	14.55		
15	QPSK	75	0	14.76	14.74	14.62		
15	16QAM	1	0	14.44	14.49	14.49		
15	16QAM	1	37	14.51	14.50	14.38	16.2	1
15	16QAM	1	74	14.49	14.39	14.38		
15	16QAM	36	0	13.62	13.69	13.53		
15	16QAM	36	20	13.53	13.68	13.34	15.2	2
15	16QAM	36	39	13.58	13.53	13.56		
15	16QAM	75	0	13.71	13.83	13.67		
15	64QAM	1	0	13.49	13.70	13.43		
15	64QAM	1	37	13.47	13.60	13.42	15.2	2
15	64QAM	1	74	13.47	13.64	13.51		
15	64QAM	36	0	12.61	12.57	12.51		
15	64QAM	36	20	12.44	12.68	12.43	14.2	3
15	64QAM	36	39	12.59	12.62	12.61		
15	64QAM	75	0	12.70	12.61	12.66		
15	256QAM	1	0	11.32	11.22	11.24		
15	256QAM	1	37	11.20	11.22	11.15	12.2	5
15	256QAM	1	74	11.22	11.33	11.31		
15	256QAM	36	0	11.24	11.38	11.23		
15	256QAM	36	20	11.12	11.20	11.08	12.2	5
15	256QAM	36	39	11.24	11.21	11.31		
15	256QAM	75	0	11.23	11.25	11.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.57	15.79	15.68		
10	QPSK	1	25	15.54	15.65	15.59	17.2	0
10	QPSK	1	49	15.56	15.69	15.56		
10	QPSK	25	0	14.54	14.64	14.49		
10	QPSK	25	12	14.45	14.49	14.44	16.2	1
10	QPSK	25	25	14.62	14.62	14.46		
10	QPSK	50	0	14.66	14.74	14.69		
10	16QAM	1	0	14.38	14.52	14.46		
10	16QAM	1	25	14.45	14.65	14.39	16.2	1
10	16QAM	1	49	14.48	14.57	14.49		
10	16QAM	25	0	13.60	13.68	13.48		
10	16QAM	25	12	13.48	13.68	13.45	15.2	2
10	16QAM	25	25	13.68	13.57	13.52		
10	16QAM	50	0	13.66	13.70	13.63		
10	64QAM	1	0	13.43	13.62	13.42		
10	64QAM	1	25	13.50	13.48	13.48	15.2	2
10	64QAM	1	49	13.43	13.57	13.46		
10	64QAM	25	0	12.61	12.64	12.40		
10	64QAM	25	12	12.50	12.70	12.41	14.2	3
10	64QAM	25	25	12.59	12.66	12.57		
10	64QAM	50	0	12.66	12.69	12.74		
10	256QAM	1	0	11.42	11.23	11.25		
10	256QAM	1	25	11.13	11.20	11.19	12.2	5
10	256QAM	1	49	11.21	11.26	11.23		
10	256QAM	25	0	11.22	11.44	11.23		
10	256QAM	25	12	11.16	11.17	11.10	12.2	5
10	256QAM	25	25	11.16	11.12	11.32		
10	256QAM	50	0	11.27	11.29	11.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.56	15.80	15.67		
5	QPSK	1	12	15.53	15.66	15.57	17.2	0
5	QPSK	1	24	15.52	15.68	15.58		
5	QPSK	12	0	14.57	14.67	14.48		
5	QPSK	12	7	14.43	14.55	14.43	16.2	1
5	QPSK	12	13	14.61	14.61	14.50		
5	QPSK	25	0	14.71	14.73	14.67		
5	16QAM	1	0	14.37	14.50	14.47		
5	16QAM	1	12	14.42	14.65	14.42	16.2	1
5	16QAM	1	24	14.47	14.60	14.46		
5	16QAM	12	0	13.59	13.66	13.49		
5	16QAM	12	7	13.47	13.69	13.45	15.2	2
5	16QAM	12	13	13.67	13.54	13.52		
5	16QAM	25	0	13.69	13.73	13.61		
5	64QAM	1	0	13.46	13.65	13.44		
5	64QAM	1	12	13.50	13.50	13.47	15.2	2
5	64QAM	1	24	13.46	13.57	13.48		
5	64QAM	12	0	12.65	12.65	12.45		
5	64QAM	12	7	12.51	12.71	12.46	14.2	3
5	64QAM	12	13	12.59	12.68	12.60		
5	64QAM	25	0	12.66	12.70	12.76		
5	256QAM	1	0	11.42	11.22	11.29		
5	256QAM	1	12	11.22	11.22	11.18	12.2	5
5	256QAM	1	24	11.27	11.34	11.32		
5	256QAM	12	0	11.30	11.47	11.21		
5	256QAM	12	7	11.12	11.21	11.14	12.2	5
5	256QAM	12	13	11.20	11.14	11.32		
5	256QAM	25	0	11.26	11.32	11.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.59	15.78	15.65		
3	QPSK	1	8	15.52	15.67	15.57	17.2	0
3	QPSK	1	14	15.55	15.72	15.61		
3	QPSK	8	0	14.53	14.66	14.54		
3	QPSK	8	4	14.43	14.53	14.44	16.2	1
3	QPSK	8	7	14.60	14.56	14.49		
3	QPSK	15	0	14.72	14.73	14.70		
3	16QAM	1	0	14.37	14.51	14.49		
3	16QAM	1	8	14.43	14.63	14.41	16.2	1
3	16QAM	1	14	14.49	14.58	14.48		
3	16QAM	8	0	13.59	13.66	13.49		
3	16QAM	8	4	13.47	13.64	13.46	15.2	2
3	16QAM	8	7	13.65	13.57	13.55		
3	16QAM	15	0	13.70	13.71	13.63		
3	64QAM	1	0	13.44	13.61	13.44		
3	64QAM	1	8	13.49	13.46	13.50	15.2	2
3	64QAM	1	14	13.47	13.55	13.52		
3	64QAM	8	0	12.66	12.69	12.41		
3	64QAM	8	4	12.49	12.70	12.44	14.2	3
3	64QAM	8	7	12.60	12.67	12.57		
3	64QAM	15	0	12.66	12.70	12.76		
3	256QAM	1	0	11.32	11.29	11.20		
3	256QAM	1	8	11.17	11.21	11.13	12.2	5
3	256QAM	1	14	11.28	11.35	11.28		
3	256QAM	8	0	11.28	11.40	11.28		
3	256QAM	8	4	11.15	11.27	11.20	12.2	5
3	256QAM	8	7	11.20	11.14	11.34		
3	256QAM	15	0	11.21	11.29	11.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.59	15.77	15.65		
1.4	QPSK	1	3	15.54	15.63	15.57		
1.4	QPSK	1	5	15.51	15.71	15.56	17.2	0
1.4	QPSK	3	0	15.59	15.77	15.65		
1.4	QPSK	3	1	15.54	15.63	15.57		
1.4	QPSK	3	3	15.51	15.71	15.56		
1.4	QPSK	6	0	14.71	14.73	14.67	16.2	1
1.4	16QAM	1	0	14.39	14.53	14.47		
1.4	16QAM	1	3	14.46	14.59	14.43		
1.4	16QAM	1	5	14.45	14.60	14.47	16.2	1
1.4	16QAM	3	0	14.46	14.59	14.43		
1.4	16QAM	3	1	14.45	14.60	14.47		
1.4	16QAM	3	3	14.39	14.53	14.47		
1.4	16QAM	6	0	13.66	13.73	13.61	15.2	2
1.4	64QAM	1	0	13.44	13.62	13.45		
1.4	64QAM	1	3	13.50	13.49	13.47		
1.4	64QAM	1	5	13.42	13.59	13.48	15.2	2
1.4	64QAM	3	0	13.44	13.62	13.45		
1.4	64QAM	3	1	13.50	13.49	13.47		
1.4	64QAM	3	3	13.50	13.49	13.47		
1.4	64QAM	6	0	12.63	12.72	12.76	14.2	3
1.4	256QAM	1	0	11.41	11.23	11.25		
1.4	256QAM	1	3	11.21	11.27	11.14		
1.4	256QAM	1	5	11.20	11.32	11.31	12.2	5
1.4	256QAM	3	0	11.19	11.45	11.21		
1.4	256QAM	3	1	11.10	11.26	11.09		
1.4	256QAM	3	3	11.22	11.18	11.34		
1.4	256QAM	6	0	11.28	11.26	11.15	12.2	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.16	16.24	16.22		
20	QPSK	1	49	16.14	16.20	16.15	17.7	0
20	QPSK	1	99	16.13	16.19	16.21		
20	QPSK	50	0	15.35	15.49	15.36		
20	QPSK	50	24	15.25	15.36	15.31	16.7	1
20	QPSK	50	50	15.43	15.44	15.25		
20	QPSK	100	0	15.30	15.48	15.28		
20	16QAM	1	0	15.37	15.35	15.23		
20	16QAM	1	49	15.34	15.46	15.48	16.7	1
20	16QAM	1	99	15.32	15.49	15.26		
20	16QAM	50	0	14.36	14.47	14.38		
20	16QAM	50	24	14.26	14.40	14.17	15.7	2
20	16QAM	50	50	14.32	14.38	14.27		
20	16QAM	100	0	14.38	14.36	14.39		
20	64QAM	1	0	14.33	14.49	14.27		
20	64QAM	1	49	14.24	14.26	14.25	15.7	2
20	64QAM	1	99	14.32	14.42	14.30		
20	64QAM	50	0	13.30	13.32	13.28		
20	64QAM	50	24	13.16	13.29	13.19	14.7	3
20	64QAM	50	50	13.13	13.29	13.18		
20	64QAM	100	0	13.46	13.39	13.37		
20	256QAM	1	0	11.54	11.52	11.59		
20	256QAM	1	49	11.40	11.41	11.43	12.7	5
20	256QAM	1	99	11.50	11.57	11.42		
20	256QAM	50	0	11.51	11.57	11.62		
20	256QAM	50	24	11.33	11.40	11.45	12.7	5
20	256QAM	50	50	11.55	11.42	11.44		
20	256QAM	100	0	11.35	11.35	11.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.13	16.18	16.19		
15	QPSK	1	37	16.04	16.19	16.08	17.7	0
15	QPSK	1	74	16.14	16.13	16.16		
15	QPSK	36	0	15.27	15.46	15.31		
15	QPSK	36	20	15.18	15.28	15.21	16.7	1
15	QPSK	36	39	15.38	15.34	15.17		
15	QPSK	75	0	15.22	15.40	15.22		
15	16QAM	1	0	15.37	15.29	15.20		
15	16QAM	1	37	15.29	15.39	15.40	16.7	1
15	16QAM	1	74	15.24	15.41	15.24		
15	16QAM	36	0	14.25	14.41	14.30		
15	16QAM	36	20	14.20	14.34	14.16	15.7	2
15	16QAM	36	39	14.28	14.26	14.16		
15	16QAM	75	0	14.37	14.26	14.31		
15	64QAM	1	0	14.24	14.39	14.24		
15	64QAM	1	37	14.16	14.24	14.15	15.7	2
15	64QAM	1	74	14.24	14.38	14.28		
15	64QAM	36	0	13.21	13.29	13.26		
15	64QAM	36	20	13.14	13.23	13.13	14.7	3
15	64QAM	36	39	13.06	13.21	13.15		
15	64QAM	75	0	13.35	13.35	13.30		
15	256QAM	1	0	11.49	11.47	11.53		
15	256QAM	1	37	11.32	11.40	11.38	12.7	5
15	256QAM	1	74	11.39	11.46	11.35		
15	256QAM	36	0	11.43	11.51	11.54		
15	256QAM	36	20	11.33	11.35	11.46	12.7	5
15	256QAM	36	39	11.51	11.39	11.38		
15	256QAM	75	0	11.32	11.32	11.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.08	16.19	16.16		
10	QPSK	1	25	16.06	16.18	16.08	17.7	0
10	QPSK	1	49	16.12	16.10	16.18		
10	QPSK	25	0	15.28	15.47	15.29		
10	QPSK	25	12	15.22	15.26	15.28	16.7	1
10	QPSK	25	25	15.33	15.33	15.17		
10	QPSK	50	0	15.23	15.44	15.19		
10	16QAM	1	0	15.34	15.30	15.19		
10	16QAM	1	25	15.25	15.36	15.42	16.7	1
10	16QAM	1	49	15.22	15.41	15.21		
10	16QAM	25	0	14.31	14.42	14.32		
10	16QAM	25	12	14.24	14.33	14.13	15.7	2
10	16QAM	25	25	14.29	14.29	14.24		
10	16QAM	50	0	14.36	14.36	14.33		
10	64QAM	1	0	14.24	14.37	14.18		
10	64QAM	1	25	14.17	14.23	14.16	15.7	2
10	64QAM	1	49	14.21	14.31	14.26		
10	64QAM	25	0	13.27	13.26	13.28		
10	64QAM	25	12	13.14	13.26	13.14	14.7	3
10	64QAM	25	25	13.04	13.18	13.13		
10	64QAM	50	0	13.41	13.33	13.29		
10	256QAM	1	0	11.49	11.48	11.53		
10	256QAM	1	25	11.38	11.42	11.38	12.7	5
10	256QAM	1	49	11.44	11.50	11.34		
10	256QAM	25	0	11.41	11.46	11.56		
10	256QAM	25	12	11.29	11.31	11.46	12.7	5
10	256QAM	25	25	11.49	11.40	11.43		
10	256QAM	50	0	11.35	11.30	11.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.08	16.19	16.15		
5	QPSK	1	12	16.05	16.21	16.10	17.7	0
5	QPSK	1	24	16.10	16.12	16.18		
5	QPSK	12	0	15.32	15.42	15.27		
5	QPSK	12	7	15.19	15.26	15.27	16.7	1
5	QPSK	12	13	15.38	15.33	15.21		
5	QPSK	25	0	15.29	15.45	15.21		
5	16QAM	1	0	15.32	15.30	15.22		
5	16QAM	1	12	15.25	15.35	15.39	16.7	1
5	16QAM	1	24	15.25	15.36	15.24		
5	16QAM	12	0	14.30	14.44	14.31		
5	16QAM	12	7	14.18	14.33	14.19	15.7	2
5	16QAM	12	13	14.24	14.29	14.18		
5	16QAM	25	0	14.31	14.28	14.33		
5	64QAM	1	0	14.30	14.41	14.22		
5	64QAM	1	12	14.18	14.28	14.18	15.7	2
5	64QAM	1	24	14.27	14.36	14.25		
5	64QAM	12	0	13.20	13.27	13.23		
5	64QAM	12	7	13.18	13.19	13.17	14.7	3
5	64QAM	12	13	13.10	13.22	13.12		
5	64QAM	25	0	13.38	13.30	13.29		
5	256QAM	1	0	11.51	11.46	11.48		
5	256QAM	1	12	11.34	11.38	11.45	12.7	5
5	256QAM	1	24	11.45	11.49	11.38		
5	256QAM	12	0	11.44	11.46	11.49		
5	256QAM	12	7	11.34	11.33	11.41	12.7	5
5	256QAM	12	13	11.50	11.36	11.44		
5	256QAM	25	0	11.34	11.36	11.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.12	16.17	16.19		
3	QPSK	1	8	16.08	16.16	16.06	17.7	0
3	QPSK	1	14	16.14	16.08	16.18		
3	QPSK	8	0	15.29	15.46	15.30		
3	QPSK	8	4	15.18	15.30	15.22	16.7	1
3	QPSK	8	7	15.35	15.34	15.22		
3	QPSK	15	0	15.23	15.45	15.22		
3	16QAM	1	0	15.33	15.32	15.23		
3	16QAM	1	8	15.24	15.34	15.41	16.7	1
3	16QAM	1	14	15.24	15.43	15.27		
3	16QAM	8	0	14.28	14.38	14.29		
3	16QAM	8	4	14.19	14.32	14.18	15.7	2
3	16QAM	8	7	14.27	14.27	14.19		
3	16QAM	15	0	14.35	14.31	14.36		
3	64QAM	1	0	14.29	14.38	14.18		
3	64QAM	1	8	14.13	14.22	14.13	15.7	2
3	64QAM	1	14	14.23	14.32	14.24		
3	64QAM	8	0	13.26	13.25	13.30		
3	64QAM	8	4	13.17	13.26	13.13	14.7	3
3	64QAM	8	7	13.04	13.22	13.10		
3	64QAM	15	0	13.37	13.37	13.33		
3	256QAM	1	0	11.48	11.47	11.51		
3	256QAM	1	8	11.32	11.41	11.44	12.7	5
3	256QAM	1	14	11.42	11.51	11.39		
3	256QAM	8	0	11.45	11.50	11.57		
3	256QAM	8	4	11.28	11.36	11.40	12.7	5
3	256QAM	8	7	11.50	11.40	11.39		
3	256QAM	15	0	11.34	11.33	11.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.10	16.07	16.10		
1.4	QPSK	1	3	16.09	16.14	16.15		
1.4	QPSK	1	5	16.07	16.13	16.18	17.7	0
1.4	QPSK	3	0	16.04	16.21	16.13		
1.4	QPSK	3	1	16.09	16.12	16.09		
1.4	QPSK	3	3	16.10	16.17	16.15		
1.4	QPSK	6	0	15.23	15.38	15.13	16.7	1
1.4	16QAM	1	0	15.23	15.24	15.13		
1.4	16QAM	1	3	15.20	15.29	15.33		
1.4	16QAM	1	5	15.18	15.38	15.26	16.7	1
1.4	16QAM	3	0	15.25	15.17	15.13		
1.4	16QAM	3	1	15.18	15.24	15.15		
1.4	16QAM	3	3	15.25	15.26	15.17		
1.4	16QAM	6	0	15.23	15.23	15.16	15.7	2
1.4	64QAM	1	0	14.54	14.65	14.64		
1.4	64QAM	1	3	14.56	14.60	14.63		
1.4	64QAM	1	5	14.62	14.54	14.57	15.7	2
1.4	64QAM	3	0	14.17	14.23	14.15		
1.4	64QAM	3	1	14.31	14.19	14.25		
1.4	64QAM	3	3	14.25	14.33	14.07		
1.4	64QAM	6	0	13.33	13.26	13.26	14.7	3
1.4	256QAM	1	0	11.39	11.47	11.45		
1.4	256QAM	1	3	11.33	11.30	11.36		
1.4	256QAM	1	5	11.41	11.44	11.32	12.7	5
1.4	256QAM	3	0	11.40	11.47	11.48		
1.4	256QAM	3	1	11.29	11.26	11.37		
1.4	256QAM	3	3	11.44	11.31	11.40		
1.4	256QAM	6	0	11.31	11.31	11.35	12.7	5

Band 5 Ant1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.69	22.53		
10	QPSK	1	25	22.44	22.51	22.39	23.6	0
10	QPSK	1	49	22.45	22.56	22.48		
10	QPSK	25	0	21.46	21.52	21.40		
10	QPSK	25	12	21.36	21.48	21.36	22.6	1
10	QPSK	25	25	21.35	21.46	21.35		
10	QPSK	50	0	21.44	21.50	21.39		
10	16QAM	1	0	21.50	21.64	21.51		
10	16QAM	1	25	21.52	21.56	21.50	22.6	1
10	16QAM	1

Band 12 Ant1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.91	22.94	22.86		
10	QPSK	1	25	22.80	22.86	22.81	24	0
10	QPSK	1	49	22.78	22.81	22.75		
10	QPSK	25	0	21.71	21.81	21.70		
10	QPSK	25	12	21.73	21.78	21.69	23	1
10	QPSK	25	25	21.64	21.74	21.62		
10	QPSK	50	0	21.73	21.83	21.80		
10	16QAM	1	0	21.82	21.94	21.86		
10	16QAM	1	25	21.75	21.84	21.75	23	1
10	16QAM	1	49	21.69	21.82	21.74		
10	16QAM	25	0	20.70	20.84	20.76		
10	16QAM	25	12	20.67	20.81	20.76	22	2
10	16QAM	25	25	20.59	20.72	20.60		
10	16QAM	50	0	20.77	20.85	20.79		
10	64QAM	1	0	20.86	20.98	20.89		
10	64QAM	1	25	20.74	20.86	20.71	22	2
10	64QAM	1	49	20.64	20.77	20.72		
10	64QAM	25	0	19.77	19.87	19.75		
10	64QAM	25	12	19.73	19.81	19.73	21	3
10	64QAM	25	25	19.61	19.74	19.68		
10	64QAM	50	0	19.81	19.88	19.84		
10	256QAM	1	0	17.99	17.92	17.98		
10	256QAM	1	25	17.84	17.81	17.90	19	5
10	256QAM	1	49	17.95	17.89	17.97		
10	256QAM	25	0	17.97	17.95	17.96		
10	256QAM	25	12	17.87	17.90	17.88	19	5
10	256QAM	25	25	17.91	17.94	17.90		
10	256QAM	50	0	17.85	17.89	17.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.82	22.78	24	0
5	QPSK	1	12	22.72	22.77	22.69		
5	QPSK	1	24	22.65	22.74	22.66		
5	QPSK	12	0	21.58	21.66	21.63		
5	QPSK	12	7	21.66	21.70	21.54	23	1
5	QPSK	12	13	21.56	21.69	21.59		
5	QPSK	25	0	21.62	21.72	21.66		
5	16QAM	1	0	21.77	21.81	21.77		
5	16QAM	1	12	21.67	21.70	21.64	23	1
5	16QAM	1	24	21.55	21.70	21.63		
5	16QAM	12	0	20.56	20.79	20.71		
5	16QAM	12	7	20.56	20.73	20.72	22	2
5	16QAM	12	13	20.52	20.68	20.56		
5	16QAM	25	0	20.69	20.79	20.67		
5	64QAM	1	0	20.80	20.88	20.80		
5	64QAM	1	12	20.62	20.73	20.57	22	2
5	64QAM	1	24	20.50	20.67	20.57		
5	64QAM	12	0	19.63	19.83	19.64		
5	64QAM	12	7	19.64	19.72	19.60	21	3
5	64QAM	12	13	19.54	19.61	19.55		
5	64QAM	25	0	19.77	19.76	19.79		
5	256QAM	1	0	17.90	18.01	17.95		
5	256QAM	1	12	17.90	17.80	17.95	19	5
5	256QAM	1	24	17.92	17.89	17.94		
5	256QAM	12	0	17.98	17.93	17.98		
5	256QAM	12	7	17.91	17.84	17.86	19	5
5	256QAM	12	13	17.95	17.91	17.88		
5	256QAM	25	0	17.89	17.83	17.81		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.84	22.79	24	0
3	QPSK	1	8	22.67	22.79	22.70		
3	QPSK	1	14	22.66	22.68	22.71		
3	QPSK	8	0	21.68	21.68	21.58		
3	QPSK	8	4	21.65	21.68	21.54	23	1
3	QPSK	8	7	21.60	21.66	21.57		
3	QPSK	15	0	21.64	21.77	21.69		
3	16QAM	1	0	21.71	21.90	21.76		
3	16QAM	1	8	21.62	21.78	21.60	23	1
3	16QAM	1	14	21.65	21.69	21.63		
3	16QAM	8	0	20.66	20.79	20.62		
3	16QAM	8	4	20.52	20.75	20.66	22	2
3	16QAM	8	7	20.45	20.64	20.47		
3	16QAM	15	0	20.72	20.71	20.75		
3	64QAM	1	0	20.74	20.92	20.80		
3	64QAM	1	8	20.60	20.80	20.60	22	2
3	64QAM	1	14	20.58	20.74	20.61		
3	64QAM	8	0	19.62	19.77	19.67		
3	64QAM	8	4	19.60	19.68	19.61	21	3
3	64QAM	8	7	19.52	19.63	19.55		
3	64QAM	15	0	19.66	19.77	19.72		
3	256QAM	1	0	17.91	18.02	17.99		
3	256QAM	1	8	17.91	17.85	17.83	19	5
3	256QAM	1	14	17.90	17.85	17.94		
3	256QAM	8	0	18.00	17.89	17.95		
3	256QAM	8	4	17.85	17.90	17.85	19	5
3	256QAM	8	7	17.88	17.93	17.96		
3	256QAM	15	0	17.84	17.81	17.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.85	22.80	22.72		
1.4	QPSK	1	3	22.66	22.77	22.77		
1.4	QPSK	1	5	22.68	22.71	22.65	24	0
1.4	QPSK	3	0	22.67	22.70	22.61		
1.4	QPSK	3	1	22.67	22.67	22.54		
1.4	QPSK	3	3	22.54	22.68	22.54		
1.4	QPSK	6	0	21.59	21.73	21.70	23	1
1.4	16QAM	1	0	21.68	21.88	21.82		
1.4	16QAM	1	3	21.67	21.75	21.67		
1.4	16QAM	1	5	21.59	21.72	21.71	23	1
1.4	16QAM	3	0	21.64	21.70	21.72		
1.4	16QAM	3	1	21.63	21.72	21.69		
1.4	16QAM	3	3	21.54	21.67	21.57		
1.4	16QAM	6	0	20.71	20.81	20.65	22	2
1.4	64QAM	1	0	20.80	20.94	20.78		
1.4	64QAM	1	3	20.63	20.71	20.68		
1.4	64QAM	1	5	20.54	20.69	20.60	22	2
1.4	64QAM	3	0	20.63	20.81	20.70		
1.4	64QAM	3	1	20.70	20.70	20.62		
1.4	64QAM	3	3	20.47	20.69	20.57		
1.4	64QAM	6	0	19.70	19.78	19.77	21	3
1.4	256QAM	1	0	17.93	17.93	17.98		
1.4	256QAM	1	3	17.90	17.90	17.88		
1.4	256QAM	1	5	17.93	17.87	17.96	19	5
1.4	256QAM	3	0	17.95	17.93	17.99		
1.4	256QAM	3	1	17.89	17.88	17.86		
1.4	256QAM	3	3	17.88	17.96	17.95		
1.4	256QAM	6	0	17.86	17.91	17.84	19	5

Band 13 Ant1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		22.92			
10	QPSK	1	25		22.81		24	0
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.78			
10	QPSK	25	12		21.61		23	1
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.82			
10	16QAM	1	25		21.74		23	1
10	16QAM	1	49		21.74			
10	16QAM	25	0		20.66			
10	16QAM	25	12		20.57		22	2
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.72		22	2
10	64QAM	1	49		20.69			
10	64QAM	25	0		19.70			
10	64QAM	25	12		19.54		21	3
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.60			
10	256QAM	1	0		18.00			
10	256QAM	1	25		17.88		19	5
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.93			
10	256QAM	25	12		17.92		19	5
10	256QAM	25	25		17.98			
10	256QAM	50	0		17.86			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.79	22.79	22.73	24	0
5	QPSK	1	12	22.62	22.67	22.57		
5	QPSK	1	24	22.63	22.73	22.62		
5	QPSK	12	0	21.70	21.70	21.64		
5	QPSK	12	7	21.42	21.48	21.55	23	1
5	QPSK	12	13	21.55	21.67	21.59		
5	QPSK	25	0	21.56	21.56	21.60		
5	16QAM	1	0	21.64	21.71	21.65		
5	16QAM	1	12	21.64	21.68	21.59	23	1
5	16QAM	1	24	21.57	21.61	21.48		
5	16QAM	12	0	20.52	20.62	20.42		
5	16QAM	12	7	20.34	20.54	20.43	22	2
5	16QAM	12	13	20.33	20.51	20.36		
5	16QAM	25	0	20.42	20.49	20.44		
5	64QAM	1	0	20.78	20.84	20.72		
5	64QAM	1	12	20.61	20.59	20.52	22	2
5	64QAM	1	24	20.55	20.65	20.44		
5	64QAM	12	0	19.59	19.67	19.46		
5	64QAM	12	7	19.32	19.43	19.31	21	3
5	64QAM	12	13	19.53	19.53	19.39		
5	64QAM	25	0	19.37	19.55	19.40		
5	256QAM	1	0	18.02	17.95	17.98		
5	256QAM	1	12	17.90	17.92	17.81	19	5
5	256QAM	1	24	17.86	17.93	17.94		
5	256QAM	12	0	17.99	17.90	17.88		
5	256QAM	12	7	17.84	17.89	17.87	19	5
5	256QAM	12	13	17.94	17.87	17.88		
5	256QAM	25	0	17.82	17.82	17.85		

Band 66 Ant1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.36	16.44	16.42		
20	QPSK	1	49	16.32	16.42	16.33	17.7	0
20	QPSK	1	99	16.35	16.36	16.43		
20	QPSK	50	0	15.53	15.68	15.54		
20	QPSK	50	24	15.46	15.52	15.49	16.7	1
20	QPSK	50	50	15.61	15.60	15.44		
20	QPSK	100	0	15.51	15.68	15.46		
20	16QAM	1	0	15.58	15.57	15.45		
20	16QAM	1	49	15.50	15.63	15.64	16.7	1
20	16QAM	1	99	15.48	15.65	15.49		
20	16QAM	50	0	14.53	14.65	14.54		
20	16QAM	50	24	14.46	14.57	14.41	15.7	2
20	16QAM	50	50	14.50	14.55	14.45		
20	16QAM	100	0	14.59	14.54	14.58		
20	64QAM	1	0	14.52	14.64	14.46		
20	64QAM	1	49	14.42	14.49	14.41	15.7	2
20	64QAM	1	99	14.49	14.59	14.52		
20	64QAM	50	0	13.48	13.50	13.51		
20	64QAM	50	24	13.39	13.48	13.40	14.7	3
20	64QAM	50	50	13.32	13.46	13.39		
20	64QAM	100	0	13.64	13.59	13.55		
20	256QAM	1	0	11.72	11.72	11.76		
20	256QAM	1	49	11.60	11.63	11.66	12.7	5
20	256QAM	1	99	11.67	11.75	11.63		
20	256QAM	50	0	11.67	11.74	11.78		
20	256QAM	50	24	11.56	11.60	11.68	12.7	5
20	256QAM	50	50	11.73	11.63	11.67		
20	256QAM	100	0	11.59	11.59	11.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.33	16.36	16.35		
15	QPSK	1	37	16.30	16.40	16.30	17.7	0
15	QPSK	1	74	16.30	16.30	16.35		
15	QPSK	36	0	15.45	15.60	15.49		
15	QPSK	36	20	15.39	15.49	15.44	16.7	1
15	QPSK	36	39	15.54	15.56	15.40		
15	QPSK	75	0	15.47	15.62	15.42		
15	16QAM	1	0	15.55	15.53	15.39		
15	16QAM	1	37	15.43	15.59	15.62	16.7	1
15	16QAM	1	74	15.45	15.57	15.43		
15	16QAM	36	0	14.47	14.62	14.49		
15	16QAM	36	20	14.40	14.53	14.38	15.7	2
15	16QAM	36	39	14.46	14.50	14.43		
15	16QAM	75	0	14.53	14.47	14.52		
15	64QAM	1	0	14.48	14.61	14.42		
15	64QAM	1	37	14.37	14.45	14.39	15.7	2
15	64QAM	1	74	14.47	14.56	14.46		
15	64QAM	36	0	13.41	13.46	13.43		
15	64QAM	36	20	13.33	13.45	13.34	14.7	3
15	64QAM	36	39	13.29	13.42	13.36		
15	64QAM	75	0	13.58	13.56	13.49		
15	256QAM	1	0	11.69	11.67	11.72		
15	256QAM	1	37	11.51	11.55	11.62	12.7	5
15	256QAM	1	74	11.59	11.68	11.58		
15	256QAM	36	0	11.63	11.68	11.70		
15	256QAM	36	20	11.50	11.51	11.61	12.7	5
15	256QAM	36	39	11.70	11.55	11.62		
15	256QAM	75	0	11.52	11.62	11.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.31	16.41	16.35		
10	QPSK	1	25	16.30	16.36	16.30	17.7	0
10	QPSK	1	49	16.30	16.30	16.37		
10	QPSK	25	0	15.47	15.63	15.46		
10	QPSK	25	12	15.42	15.45	15.42	16.7	1
10	QPSK	25	25	15.58	15.52	15.42		
10	QPSK	50	0	15.48	15.62	15.42		
10	16QAM	1	0	15.50	15.49	15.41		
10	16QAM	1	25	15.45	15.58	15.59	16.7	1
10	16QAM	1	49	15.42	15.58	15.42		
10	16QAM	25	0	14.47	14.60	14.46		
10	16QAM	25	12	14.40	14.50	14.34	15.7	2
10	16QAM	25	25	14.45	14.52	14.38		
10	16QAM	50	0	14.53	14.50	14.52		
10	64QAM	1	0	14.47	14.56	14.38		
10	64QAM	1	25	14.37	14.45	14.37	15.7	2
10	64QAM	1	49	14.41	14.53	14.50		
10	64QAM	25	0	13.42	13.42	13.46		
10	64QAM	25	12	13.37	13.42	13.35	14.7	3
10	64QAM	25	25	13.26	13.41	13.35		
10	64QAM	50	0	13.59	13.56	13.47		
10	256QAM	1	0	11.63	11.67	11.68		
10	256QAM	1	25	11.50	11.54	11.58	12.7	5
10	256QAM	1	49	11.58	11.70	11.58		
10	256QAM	25	0	11.64	11.64	11.75		
10	256QAM	25	12	11.54	11.51	11.60	12.7	5
10	256QAM	25	25	11.65	11.54	11.59		
10	256QAM	50	0	11.54	11.57	11.56		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.31	16.40	16.35		
5	QPSK	1	12	16.31	16.38	16.30	17.7	0
5	QPSK	1	24	16.33	16.30	16.35		
5	QPSK	12	0	15.46	15.65	15.46		
5	QPSK	12	7	15.42	15.47	15.46	16.7	1
5	QPSK	12	13	15.57	15.53	15.39		
5	QPSK	25	0	15.45	15.62	15.40		
5	16QAM	1	0	15.54	15.49	15.40		
5	16QAM	1	12	15.47	15.61	15.58	16.7	1
5	16QAM	1	24	15.44	15.58	15.43		
5	16QAM	12	0	14.49	14.58	14.49		
5	16QAM	12	7	14.41	14.51	14.33	15.7	2
5	16QAM	12	13	14.44	14.52	14.42		
5	16QAM	25	0	14.54	14.47	14.54		
5	64QAM	1	0	14.44	14.59	14.43		
5	64QAM	1	12	14.37	14.43	14.37	15.7	2
5	64QAM	1	24	14.44	14.51	14.45		
5	64QAM	12	0	13.44	13.44	13.48		
5	64QAM	12	7	13.33	13.43	13.32	14.7	3
5	64QAM	12	13	13.27	13.44	13.32		
5	64QAM	25	0	13.57	13.54	13.50		
5	256QAM	1	0	11.12	11.04	11.21		
5	256QAM	1	12	11.04	11.04	11.04	12.7	5
5	256QAM	1	24	11.14	11.04	11.06		
5	256QAM	12	0	11.04	11.13	11.12		
5	256QAM	12	7	11.10	11.02	11.08	12.7	5
5	256QAM	12	13	11.10	11.00	11.10		
5	256QAM	25	0	11.04	11.08	11.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
3	QPSK	1	0	16.30	16.40	16.32		
3	QPSK	1	8	16.31	16.35	16.31	17.7	0
3	QPSK	1	14	16.31	16.33	16.41		
3	QPSK	8	0	15.48	15.62	15.52		
3	QPSK	8	4	15.41	15.44	15.41	16.7	1
3	QPSK	8	7	15.54	15.54	15.41		
3	QPSK	15	0	15.46	15.63	15.41		
3	16QAM	1	0	15.52	15.51	15.41		
3	16QAM	1	8	15.43	15.57	15.59	16.7	1
3	16QAM	1	14	15.45	15.60	15.46		
3	16QAM	8	0	14.51	14.60	14.51		
3	16QAM	8	4	14.43	14.54	14.35	15.7	2
3	16QAM	8	7	14.44	14.49	14.42		
3	16QAM	15	0	14.54	14.50	14.52		
3	64QAM	1	0	14.50	14.61	14.38		
3	64QAM	1	8	14.35	14.44	14.38	15.7	2
3	64QAM	1	14	14.44	14.55	14.49		
3	64QAM	8	0	13.43	13.48	13.49		
3	64QAM	8	4	13.33	13.46	13.35	14.7	3
3	64QAM	8	7	13.26	13.42	13.37		
3	64QAM	15	0	13.61	13.51	13.49		
3	256QAM	1	0	11.63	11.68	11.70		
3	256QAM	1	8	11.53	11.54	11.64	12.7	5
3	256QAM	1	14	11.57	11.70	11.53		
3	256QAM	8	0	11.60	11.65	11.75		
3	256QAM	8	4	11.56	11.53	11.59	12.7	5
3	256QAM	8	7	11.67	11.57	11.58		
3	256QAM	15	0	11.51	11.56	11.53		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.33	16.32	16.39		
1.4	QPSK	1	3	16.33	16.42	16.37		
1.4	QPSK	1	5	16.33	16.40	16.39	17.7	0
1.4	QPSK	3	0	16.33	16.42	16.37		
1.4	QPSK	3	1	16.32	16.40	16.37		
1.4	QPSK	3	3	16.34	16.40	16.37		
1.4	QPSK	6	0	15.49	15.62	15.41	16.7	1
1.4	16QAM	1	0	15.50	15.50	15.41		
1.4	16QAM	1	3	15.44	15.54	15.59		
1.4	16QAM	1	5	15.45	15.62	15.48	16.7	1
1.4	16QAM	3	0	15.47	15.45	15.36		
1.4	16QAM	3	1	15.45	15.48	15.38		
1.4	16QAM	3	3	15.50	15.50	15.39		
1.4	16QAM	6	0	15.50	15.50	15.38	15.7	2
1.4	64QAM	1	0	14.81	14.88	14.86		
1.4	64QAM	1	3	14.81	14.88	14.86		
1.4	64QAM	1	5	14.87	14.81	14.85	15.7	2
1.4	64QAM	3	0	14.39	14.45	14.41		
1.4	64QAM	3	1	14.53	14.48	14.52		
1.4	64QAM	3	3	14.49	14.58	14.34		
1.4	64QAM	6	0	13.59	13.52	13.50	14.7	3
1.4	256QAM	1	0	11.66	11.69	11.71		
1.4	256QAM	1	3	11.55	11.58	11.59		
1.4	256QAM	1	5	11.64	11.72	11.55	12.7	5
1.4	256QAM	3	0	11.64	11.71	11.74		
1.4	256QAM	3	1	11.53	11.54	11.60		
1.4	256QAM	3	3	11.70	11.55	11.61		
1.4	256QAM	6	0	11.55	11.56	11.57	12.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.34	17.46	17.27	17.30	18.7	0
20	QPSK	1	49	17.30	17.36	17.33	17.25		
20	QPSK	1	99	17.20	17.29	17.22	17.26		
20	QPSK	50	0	16.34	16.36	16.25	16.31	17.7	1
20	QPSK	50	24	16.18	16.28	16.19	16.22		
20	QPSK	50	50	16.18	16.22	16.22	16.15		
20	QPSK	100	0	16.23	16.26	16.13	16.24		
20	16QAM	1	0	16.32	16.44	16.34	16.42	17.7	1
20	16QAM	1	49	16.28	16.34	16.28	16.32		
20	16QAM	1	99	16.26	16.29	16.24	16.26		
20	16QAM	50	0	15.34	15.36	15.28	15.28	16.7	2
20	16QAM	50	24	15.14	15.28	15.20	15.23		
20	16QAM	50	50	15.20	15.26	15.20	15.21		
20	16QAM	100	0	15.09	15.27	15.11	15.15		
20	64QAM	1	0	15.40	15.44	15.32	15.31	16.7	2
20	64QAM	1	49	15.26	15.37	15.30	15.30		
20	64QAM	1	99	15.21	15.23	15.22	15.20		
20	64QAM	50	0	14.31	14.38	14.25	14.29	15.7	3
20	64QAM	50	24	14.26	14.34	14.20	14.20		
20	64QAM	50	50	14.21	14.29	14.22	14.19		
20	64QAM	100	0	14.09	14.15	14.18	14.04		
20	256QAM	1	0	12.44	12.34	12.48	12.45	13.7	5
20	256QAM	1	49	12.30	12.29	12.35	12.37		
20	256QAM	1	99	12.41	12.43	12.38	12.39		
20	256QAM	50	0	12.46	12.44	12.40	12.48	13.7	5
20	256QAM	50	24	12.31	12.35	12.35	12.42		
20	256QAM	50	50	12.40	12.35	12.46	12.41		
20	256QAM	100	0	12.39	12.30	12.41	12.35		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.26	17.34	17.18	17.25	18.7	0
15	QPSK	1	37	17.17	17.23	17.19	17.19		
15	QPSK	1	74	17.14	17.25	17.16	17.14		
15	QPSK	36	0	16.25	16.21	16.15	16.23	17.7	1
15	QPSK	36	20	16.10	16.14	16.14	16.10		
15	QPSK	36	39	16.09	16.12	16.10	16.08		
15	QPSK	75	0	16.11	16.12	16.00	16.13		
15	16QAM	1	0	16.19	16.38	16.28	16.38	17.7	1
15	16QAM	1	37	16.13	16.24	16.20	16.18		
15	16QAM	1	74	16.21	16.15	16.14	16.13		
15	16QAM	36	0	15.30	15.21	15.18	15.18	16.7	2
15	16QAM	36	20	15.08	15.17	15.13	15.09		
15	16QAM	36	39	15.14	15.14	15.14	15.08		
15	16QAM	75	0	15.04	15.16	15.06	15.07		
15	64QAM	1	0	15.28	15.32	15.27	15.19	16.7	2
15	64QAM	1	37	15.15	15.24	15.19	15.22		
15	64QAM	1	74	15.16	15.12	15.19	15.14		
15	64QAM	36	0	14.16	14.25	14.17	14.20	15.7	3
15	64QAM	36	20	14.14	14.23	14.07	14.14		
15	64QAM	36	39	14.13	14.25	14.18	14.15		
15	64QAM	75	0	14.00	14.11	14.13	13.90		
15	256QAM	1	0	12.36	12.19	12.35	12.35	13.7	5
15	256QAM	1	37	12.21	12.22	12.31	12.32		
15	256QAM	1	74	12.37	12.32	12.26	12.33		
15	256QAM	36	0	12.37	12.30	12.27	12.38	13.7	5
15	256QAM	36	20	12.24	12.22	12.31	12.35		
15	256QAM	36	39	12.37	12.24	12.32	12.33		
15	256QAM	75	0	12.25	12.22	12.34	12.29		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.22	17.39	17.18	17.16	18.7	0
10	QPSK	1	25	17.25	17.23	17.26	17.11		
10	QPSK	1	49	17.12	17.15	17.10	17.13		
10	QPSK	25	0	16.26	16.31	16.14	16.24	17.7	1
10	QPSK	25	12	16.05	16.23	16.12	16.14		
10	QPSK	25	25	16.07	16.09	16.09	16.03		
10	QPSK	50	0	16.17	16.16	16.10	16.21		
10	16QAM	1	0	16.21	16.40	16.24	16.33	17.7	1
10	16QAM	1	25	16.20	16.24	16.13	16.25		
10	16QAM	1	49	16.16	16.24	16.16	16.14		
10	16QAM	25	0	15.30	15.26	15.25	15.18	16.7	2
10	16QAM	25	12	15.02	15.17	15.14	15.13		
10	16QAM	25	25	15.12	15.21	15.05	15.08		
10	16QAM	50	0	15.03	15.23	15.03	15.04		
10	64QAM	1	0	15.33	15.31	15.26	15.24	16.7	2
10	64QAM	1	25	15.20	15.25	15.26	15.23		
10	64QAM	1	49	15.14	15.19	15.08	15.15		
10	64QAM	25	0	14.20	14.29	14.21	14.18	15.7	3
10	64QAM	25	12	14.12	14.25	14.14	14.06		
10	64QAM	25	25	14.16	14.26	14.15	14.15		
10	64QAM	50	0	14.01	14.02	14.11	13.96		
10	256QAM	1	0	12.36	12.24	12.42	12.30	13.7	5
10	256QAM	1	25	12.19	12.16	12.26	12.24		
10	256QAM	1	49	12.31	12.36	12.28	12.24		
10	256QAM	25	0	12.42	12.41	12.27	12.41	13.7	5
10	256QAM	25	12	12.23	12.20	12.24	12.35		
10	256QAM	25	25	12.33	12.24	12.37	12.37		
10	256QAM	50	0	12.33	12.21	12.32	12.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.29	17.37	17.17	17.22	18.7	0
5	QPSK	1	12	17.15	17.21	17.27	17.13		
5	QPSK	1	24	17.05	17.24	17.11	17.11		
5	QPSK	12	0	16.31	16.29	16.18	16.27	17.7	1
5	QPSK	12	7	16.07	16.14	16.11	16.10		
5	QPSK	12	13	16.06	16.09	16.08	16.04		
5	QPSK	25	0	16.15	16.16	16.04	16.20		
5	16QAM	1	0	16.19	16.32	16.24	16.32	17.7	1
5	16QAM	1	12	16.22	16.26	16.24	16.20		
5	16QAM	1	24	16.21	16.14	16.18	16.14		
5	16QAM	12	0	15.21	15.24	15.25	15.15	16.7	2
5	16QAM	12	7	15.06	15.17	15.08	15.18		
5	16QAM	12	13	15.08	15.13	15.09	15.18		
5	16QAM	25	0	15.06	15.22	15.04	15.03		
5	64QAM	1	0	15.35	15.34	15.17	15.19	16.7	2
5	64QAM	1	12	15.14	15.22	15.23	15.15		
5	64QAM	1	24	15.14	15.15	15.17	15.10		
5	64QAM	12	0	14.20	14.24	14.18	14.14	15.7	3
5	64QAM	12	7	14.21	14.24	14.13	14.12		
5	64QAM	12	13	14.16	14.20	14.12	14.09		
5	64QAM	25	0	13.95	14.07	14.08	13.96		
5	256QAM	1	0	12.35	12.28	12.40	12.35	13.7	5
5	256QAM	1	12	12.16	12.19	12.23	12.27		
5	256QAM	1	24	12.37	12.36	12.30	12.27		
5	256QAM	12	0	12.33	12.33	12.26	12.35	13.7	5
5	256QAM	12	7	12.24	12.26	12.27	12.32		
5	256QAM	12	13	12.27	12.29	12.33	12.31		
5	256QAM	25	0	12.34	12.26	12.29	12.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.17	17.37	17.01	17.07	18.4	0
20	QPSK	1	49	17.17	17.33	17.13	17.00		
20	QPSK	1	99	17.17	17.25	17.03	16.93		
20	QPSK	50	0	16.19	16.35	16.03	15.94	17.4	1
20	QPSK	50	24	16.22	16.32	15.99	16.03		
20	QPSK	50	50	16.21	16.19	15.97	15.96		
20	QPSK	100	0	16.21	16.32	16.10	16.03		
20	16QAM	1	0	16.41	16.43	16.18	16.09	17.4	1
20	16QAM	1	49	16.16	16.30	16.09	16.02		
20	16QAM	1	99	16.21	16.27	15.98	16.00		
20	16QAM	50	0	15.16	15.28	15.06	15.15	16.4	2
20	16QAM	50	24	15.34	15.40	15.08	15.03		
20	16QAM	50	50	15.20	15.26	15.04	15.05		
20	16QAM	100	0	15.19	15.35	15.03	15.13		
20	64QAM	1	0	15.22	15.26	15.01	15.04	16.4	2
20	64QAM	1	49	15.33	15.38	15.00	14.96		
20	64QAM	1	99	15.17	15.28	15.04	14.92		
20	64QAM	50	0	14.27	14.33	14.03	14.11	15.4	3
20	64QAM	50	24	14.23	14.27	14.15	14.11		
20	64QAM	50	50	14.18	14.19	13.90	14.07		
20	64QAM	100	0	14.21	14.36	14.08	14.10		
20	256QAM	1	0	12.02	11.97	11.96	12.00	13.4	5
20	256QAM	1	49	11.89	11.85	11.88	11.90		
20	256QAM	1	99	11.85	11.93	11.95	11.88		
20	256QAM	50	0	11.91	11.96	11.92	12.03	13.4	5
20	256QAM	50	24	11.89	11.93	11.92	11.89		
20	256QAM	50	50	11.90	11.92	11.87	11.86		
20	256QAM	100	0	11.91	11.81	11.87	11.92		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.92	17.10	16.96	17.09	18.4	0
15	QPSK	1	37	16.82	17.09	17.10	16.88		
15	QPSK	1	74	16.84	16.96	16.98	16.85		
15	QPSK	36	0	15.90	16.04	15.99	15.86	17.4	1
15	QPSK	36	20	15.98	16.04	15.86	15.94		
15	QPSK	36	39	15.98	15.96	15.93	15.92		
15	QPSK	75	0	15.90	16.05	16.01	15.98		
15	16QAM	1	0	16.16	16.13	16.04	16.04	17.4	1
15	16QAM	1	37	15.82	15.98	16.01	15.87		
15	16QAM	1	74	15.92	15.96	15.85	15.92		
15	16QAM	36	0	14.87	15.05	14.92	15.09	16.4	2
15	16QAM	36	20	15.00	15.06	15.01	14.89		
15	16QAM	36	39	14.91	14.97	15.01	14.99		
15	16QAM	75	0	14.92	15.08	14.96	15.00		
15	64QAM	1	0	14.93	14.95	14.86	14.90	16.4	2
15	64QAM	1	37	15.01	15.11	14.89	14.90		
15	64QAM	1	74	14.94	14.95	14.91	14.78		
15	64QAM	36	0	13.97	14.02	13.97	14.00	15.4	3
15	64QAM	36	20	13.97	13.93	14.00	14.04		
15	64QAM	36	39	13.84	13.90	13.77	13.93		
15	64QAM	75	0	13.88	14.04	13.95	14.00		
15	256QAM	1	0	11.98	11.82	11.91	11.95	13.4	5
15	256QAM	1	37	11.85	11.77	11.84	11.82		
15	256QAM	1	74	11.73	11.80	11.84	11.75		
15	256QAM	36	0	11.76	11.85	11.87	11.95	13.4	5
15	256QAM	36	20	11.81	11.80	11.81	11.82		
15	256QAM	36	39	11.81	11.81	11.79	11.79		
15	256QAM	75	0	11.83	11.73	11.78	11.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.83	17.04	16.96	17.07	18.4	0
10	QPSK	1	25	16.86	17.09	17.09	16.94		
10	QPSK	1	49	16.93	16.96	16.95	16.85		
10	QPSK	25	0	15.94	16.02	15.99	15.88	17.4	1
10	QPSK	25	12	15.89	16.01	15.84	15.89		
10	QPSK	25	25	15.86	15.91	15.87	15.90		
10	QPSK	50	0	15.87	16.03	16.06	15.88		
10	16QAM	1	0	16.11	16.09	16.04	16.01	17.4	1
10	16QAM	1	25	15.83	16.06	16.03	15.95		
10	16QAM	1	49	15.90	15.94	15.90	15.89		
10	16QAM	25	0	14.84	14.99	15.03	15.09	16.4	2
10	16QAM	25	12	15.04	15.10	14.97	14.92		
10	16QAM	25	25	14.90	14.95	14.93	14.91		
10	16QAM	50	0	14.89	15.02	14.92	15.07		
10	64QAM	1	0	14.97	14.94	14.94	14.90	16.4	2
10	64QAM	1	25	15.03	15.05	14.89	14.83		
10	64QAM	1	49	14.87	14.96	14.99	14.85		
10	64QAM	25	0	13.94	14.03	13.93	13.98	15.4	3
10	64QAM	25	12	13.91	13.93	14.08	14.06		
10	64QAM	25	25	13.87	13.86	13.87	13.94		
10	64QAM	50	0	13.96	14.02	13.98	14.03		
10	256QAM	1	0	11.89	11.85	11.91	11.91	13.4	5
10	256QAM	1	25	11.83	11.71	11.76	11.79		
10	256QAM	1	49	11.72	11.89	11.89	11.79		
10	256QAM	25	0	11.83	11.88	11.82	11.89	13.4	5
10	256QAM	25	12	11.76	11.88	11.82	11.80		
10	256QAM	25	25	11.77	11.86	11.83	11.73		
10	256QAM	50	0	11.80	11.73	11.79	11.79		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.92	17.13	16.93	17.10	18.4	0
5	QPSK	1	12	16.88	17.06	17.01	16.97		
5	QPSK	1	24	16.93	16.94	16.92	16.84		
5	QPSK	12	0	15.89	16.04	15.90	15.79	17.4	1
5	QPSK	12	7	15.87	16.00	15.85	15.89		
5	QPSK	12	13	15.95	15.85	15.85	15.89		
5	QPSK	25	0	15.92	15.99	16.05	15.91		
5	16QAM	1	0	16.16	16.17	16.06	16.06	17.4	1
5	16QAM	1	12	15.86	16.04	16.02	15.90		
5	16QAM	1	24	15.93	15.96	15.94	15.90		
5	16QAM	12	0	14.82	14.99	14.93	15.09	16.4	2
5	16QAM	12	7	15.02	15.06	15.00	14.89		
5	16QAM	12	13	14.92	15.02	14.92	14.98		
5	16QAM	25	0	14.94	15.10	14.88	15.09		
5	64QAM	1	0	14.92	14.91	14.87	14.98	16.4	2
5	64QAM	1	12	15.02	15.12	14.94	14.81		
5	64QAM	1	24	14.90	15.04	14.93	14.87		
5	64QAM	12	0	14.04	13.98	13.99	14.01	15.4	3
5	64QAM	12	7	13.94	13.97	14.06	14.03		
5	64QAM	12	13	13.95	13.85	13.80	13.95		
5	64QAM	25	0	13.91	14.01	13.93	13.97		
5	256QAM	1	0	11.90	11.84	11.84	11.97	13.4	5
5	256QAM	1	12	11.78	11.82	11.80	11.81		
5	256QAM	1	24	11.75	11.83	11.87	11.85		
5	256QAM	12	0	11.80	11.86	11.86	11.98	13.4	5
5	256QAM	12	7	11.76	11.81	11.84	11.86		
5	256QAM	12	13	11.80	11.80	11.75	11.82		
5	256QAM	25	0	11.87	11.69	11.78	11.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.24	20.31	20.18	20.16	21.4	0
20	QPSK	1	49	20.21	20.25	20.21	20.16		
20	QPSK	1	99	20.19	20.24	20.09	20.14		
20	QPSK	50	0	19.22	19.34	19.29	19.27	20.4	1
20	QPSK	50	24	19.20	19.33	19.15	19.06		
20	QPSK	50	50	19.14	19.28	19.13	19.05		
20	QPSK	100	0	19.28	19.37	19.26	19.27		
20	16QAM	1	0	19.34	19.44	19.42	19.39	20.4	1
20	16QAM	1	49	19.24	19.35	19.27	19.19		
20	16QAM	1	99	19.25	19.29	19.22	19.11		
20	16QAM	50	0	18.30	18.43	18.32	18.25	19.4	2
20	16QAM	50	24	18.34	18.41	18.29	18.22		
20	16QAM	50	50	18.38	18.40	18.34	18.15		
20	16QAM	100	0	18.47	18.50	18.35	18.22		
20	64QAM	1	0	18.26	18.34	18.24	18.17	19.4	2
20	64QAM	1	49	18.30	18.30	18.21	18.18		
20	64QAM	1	99	18.11	18.14	18.10	18.02		
20	64QAM	50	0	17.38	17.48	17.35	17.24	18.4	3
20	64QAM	50	24	17.19	17.22	17.17	17.16		
20	64QAM	50	50	17.27	17.42	17.40	17.29		
20	64QAM	100	0	17.51	17.46	17.33	17.36		
20	256QAM	1	0	15.12	15.10	15.08	15.10	16.4	5
20	256QAM	1	49	15.03	14.88	15.01	15.06		
20	256QAM	1	99	15.09	14.98	15.02	15.05		
20	256QAM	50	0	15.15	15.03	15.00	15.11	16.4	5
20	256QAM	50	24	14.99	14.85	15.07	15.01		
20	256QAM	50	50	15.13	14.88	15.02	15.14		
20	256QAM	100	0	15.05	14.91	14.93	14.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.17	20.26	20.12	20.02	21.4	0
15	QPSK	1	37	20.09	20.14	20.14	20.06		
15	QPSK	1	74	20.09	20.13	19.98	20.02		
15	QPSK	36	0	19.07	19.27	19.22	19.20	20.4	1
15	QPSK	36	20	19.15	19.22	19.02	19.06		
15	QPSK	36	39	18.99	19.15	19.10	18.99		
15	QPSK	75	0	19.25	19.29	19.19	19.13		
15	16QAM	1	0	19.28	19.34	19.34	19.27	20.4	1
15	16QAM	1	37	19.15	19.22	19.18	19.15		
15	16QAM	1	74	19.16	19.15	19.16	19.06		
15	16QAM	36	0	18.25	18.39	18.20	18.17	19.4	2
15	16QAM	36	20	18.20	18.36	18.21	18.12		
15	16QAM	36	39	18.24	18.32	18.20	18.01		
15	16QAM	75	0	18.40	18.40	18.20	18.12		
15	64QAM	1	0	18.14	18.25	18.10	18.05	19.4	2
15	64QAM	1	37	18.25	18.25	18.08	18.06		
15	64QAM	1	74	18.29	17.98	18.02	18.03		
15	64QAM	36	0	17.24	17.40	17.22	17.18	18.4	3
15	64QAM	36	20	17.13	17.13	17.13	17.05		
15	64QAM	36	39	17.17	17.31	17.28	17.22		
15	64QAM	75	0	17.44	17.34	17.30	17.22		
15	256QAM	1	0	15.07	14.99	14.94	15.03	16.4	5
15	256QAM	1	37	14.93	14.85	14.92	14.99		
15	256QAM	1	74	14.98	14.90	14.95	14.95		
15	256QAM	36	0	15.07	14.88	14.95	15.05	16.4	5
15	256QAM	36	20	14.92	14.76	15.01	14.96		
15	256QAM	36	39	15.05	14.82	14.87	15.08		
15	256QAM	75	0	14.92	14.85	14.78	14.93		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.13	20.24	20.08	20.07	21.4	0
10	QPSK	1	25	20.11	20.15	20.11	20.10		
10	QPSK	1	49	20.08	20.11	20.04	20.06		
10	QPSK	25	0	19.18	19.27	19.21	19.22	20.4	1
10	QPSK	25	12	19.07	19.22	19.03	19.03		
10	QPSK	25	25	19.03	19.22	19.04	18.99		
10	QPSK	50	0	19.23	19.24	19.21	19.24		
10	16QAM	1	0	19.28	19.32	19.33	19.31	20.4	1
10	16QAM	1	25	19.18	19.25	19.15	19.10		
10	16QAM	1	49	19.22	19.20	19.10	18.98		
10	16QAM	25	0	18.23	18.32	18.18	18.13	19.4	2
10	16QAM	25	12	18.28	18.35	18.17	18.12		
10	16QAM	25	25	18.34	18.33	18.25	18.11		
10	16QAM	50	0	18.35	18.43	18.23	18.07		
10	64QAM	1	0	18.22	18.29	18.21	18.03	19.4	2
10	64QAM	1	25	18.27	18.26	18.13	18.09		
10	64QAM	1	49	18.06	18.04	18.02	18.00		
10	64QAM	25	0	17.31	17.37	17.20	17.16	18.4	3
10	64QAM	25	12	17.15	17.11	17.08	17.06		
10	64QAM	25	25	17.23	17.39	17.28	17.14		
10	64QAM	50	0	17.41	17.40	17.25	17.24		
10	256QAM	1	0	15.08	14.95	15.01	15.06	16.4	5
10	256QAM	1	25	14.91	14.82	14.93	15.02		
10	256QAM	1	49	14.98	14.90	14.91	14.99		
10	256QAM	25	0	15.01	14.93	14.88	14.97	16.4	5
10	256QAM	25	12	14.85	14.75	15.00	14.93		
10	256QAM	25	25	15.05	14.79	14.95	15.08		
10	256QAM	50	0	14.95	14.80	14.82	14.88		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.14	20.23	20.04	20.04	21.4	0
5	QPSK	1	12	20.18	20.20	20.18	20.08		
5	QPSK	1	24	20.08	20.17	20.01	20.07		
5	QPSK	12	0	19.10	19.27	19.24	19.15	20.4	1
5	QPSK	12	7	19.16	19.21	19.10	18.99		
5	QPSK	12	13	19.03	19.16	19.00	18.99		
5	QPSK	25	0	19.18	19.24	19.15	19.20		
5	16QAM	1	0	19.31	19.39	19.28	19.27	20.4	1
5	16QAM	1	12	19.12	19.24	19.12	19.08		
5	16QAM	1	24	19.15	19.18	19.15	19.08		
5	16QAM	12	0	18.24	18.29	18.18	18.15	19.4	2
5	16QAM	12	7	18.20	18.32	18.16	18.09		
5	16QAM	12	13	18.30	18.35	18.28	18.11		
5	16QAM	25	0	18.43	18.37	18.23	18.15		
5	64QAM	1	0	18.20	18.21	18.15	18.10	19.4	2
5	64QAM	1	12	18.20	18.21	18.14	18.07		
5	64QAM	1	24	18.03	18.09	18.03	18.07		
5	64QAM	12	0	17.34	17.42	17.23	17.13	18.4	3
5	64QAM	12	7	17.10	17.13	17.11	17.05		
5	64QAM	12	13	17.16	17.34	17.29	17.24		
5	64QAM	25	0	17.48	17.31	17.27	17.24		
5	256QAM	1	0	15.06	15.05	15.02	15.06	16.4	5
5	256QAM	1	12	14.94	14.80	14.94	14.92		
5	256QAM	1	24	15.00	14.83	14.97	14.90		
5	256QAM	12	0	15.07	14.93	14.85	15.03	16.4	5
5	256QAM	12	7	14.84	14.75	14.95	14.93		
5	256QAM	12	13	15.07	14.74	14.87	15.02		
5	256QAM	25	0	15.01	14.82	14.87	14.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	10.98	11.23	11.19	11.16	12.2	0
20	QPSK	1	49	11.12	11.16	11.13	11.17		
20	QPSK	1	99	11.06	11.19	11.05	10.99		
20	QPSK	50	0	10.28	10.36	10.26	10.26	11.2	1
20	QPSK	50	24	10.16	10.28	10.22	10.25		
20	QPSK	50	50	10.08	10.19	10.13	10.12		
20	QPSK	100	0	10.05	10.19	10.06	10.07		
20	16QAM	1	0	10.32	10.33	10.34	10.39	11.2	1
20	16QAM	1	49	10.20	10.25	10.26	10.24		
20	16QAM	1	99	10.13	10.27	10.13	10.19		
20	16QAM	50	0	9.14	9.18	9.04	9.05	10.2	2
20	16QAM	50	24	9.01	9.17	9.05	9.07		
20	16QAM	50	50	9.14	9.21	9.01	9.14		
20	16QAM	100	0	9.20	9.20	9.11	9.16		
20	64QAM	1	0	9.12	9.34	9.21	9.23	10.2	2
20	64QAM	1	49	9.28	9.36	9.17	9.24		
20	64QAM	1	99	9.14	9.25	9.11	9.19		
20	64QAM	50	0	8.18	8.34	8.12	8.17	9.2	3
20	64QAM	50	24	8.21	8.20	8.15	8.17		
20	64QAM	50	50	8.24	8.30	8.22	8.20		
20	64QAM	100	0	7.97	8.04	7.98	7.95		
20	256QAM	1	0	6.07	5.94	6.03	6.04	7.2	5
20	256QAM	1	49	5.86	5.83	5.81	5.99		
20	256QAM	1	99	6.02	5.91	5.91	6.08		
20	256QAM	50	0	6.09	5.86	6.01	5.95	7.2	5
20	256QAM	50	24	6.01	5.87	5.82	5.97		
20	256QAM	50	50	6.00	5.83	5.91	6.09		
20	256QAM	100	0	5.86	5.87	5.90	5.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	10.94	11.17	11.06	11.03	12.2	0
15	QPSK	1	37	11.05	11.11	11.03	11.13		
15	QPSK	1	74	10.94	11.07	10.93	10.95		
15	QPSK	36	0	10.15	10.30	10.17	10.17	11.2	1
15	QPSK	36	20	10.09	10.14	10.18	10.15		
15	QPSK	36	39	9.96	10.09	10.02	10.06		
15	QPSK	75	0	9.92	10.09	9.96	9.95		
15	16QAM	1	0	10.20	10.26	10.30	10.31	11.2	1
15	16QAM	1	37	10.06	10.20	10.21	10.18		
15	16QAM	1	74	9.99	10.23	10.07	10.15		
15	16QAM	36	0	9.01	9.09	8.94	8.94	10.2	2
15	16QAM	36	20	8.93	9.04	8.97	9.00		
15	16QAM	36	39	9.01	9.16	8.91	9.11		
15	16QAM	75	0	9.15	9.09	9.07	9.10		
15	64QAM	1	0	9.00	9.30	9.09	9.08	10.2	2
15	64QAM	1	37	9.20	9.27	9.13	9.18		
15	64QAM	1	74	9.04	9.21	8.98	9.12		
15	64QAM	36	0	8.04	8.27	8.05	8.10	9.2	3
15	64QAM	36	20	8.10	8.11	8.01	8.09		
15	64QAM	36	39	8.16	8.20	8.18	8.13		
15	64QAM	75	0	7.88	7.89	7.83	7.86		
15	256QAM	1	0	5.99	5.84	5.91	5.99	7.2	5
15	256QAM	1	37	5.73	5.76	5.75	5.85		
15	256QAM	1	74	5.89	5.84	5.77	5.96		
15	256QAM	36	0	5.95	5.80	5.94	5.92	7.2	5
15	256QAM	36	20	5.88	5.77	5.71	5.91		
15	256QAM	36	39	5.92	5.79	5.80	6.02		
15	256QAM	75	0	5.82	5.79	5.79	5.76		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	10.91	11.19	11.15	11.12	12.2	0
10	QPSK	1	25	10.98	11.06	11.06	11.11		
10	QPSK	1	49	11.03	11.12	10.94	10.84		
10	QPSK	25	0	10.24	10.23	10.21	10.20	11.2	1
10	QPSK	25	12	10.02	10.24	10.14	10.15		
10	QPSK	25	25	9.94	10.11	10.01	10.07		
10	QPSK	50	0	9.96	10.10	9.98	9.95		
10	16QAM	1	0	10.17	10.28	10.25	10.26	11.2	1
10	16QAM	1	25	10.08	10.16	10.16	10.13		
10	16QAM	1	49	10.01	10.14	10.08	10.13		
10	16QAM	25	0	9.01	9.07	8.91	9.01	10.2	2
10	16QAM	25	12	8.93	9.05	9.01	9.01		
10	16QAM	25	25	9.01	9.07	8.88	9.08		
10	16QAM	50	0	9.16	9.13	8.98	9.05		
10	64QAM	1	0	9.08	9.20	9.15	9.16	10.2	2
10	64QAM	1	25	9.16	9.30	9.10	9.19		
10	64QAM	1	49	9.00	9.16	9.00	9.15		
10	64QAM	25	0	8.08	8.27	8.03	8.10	9.2	3
10	64QAM	25	12	8.10	8.15	8.08	8.12		
10	64QAM	25	25	8.19	8.23	8.16	8.16		
10	64QAM	50	0	7.84	7.92	7.90	7.81		
10	256QAM	1	0	5.95	5.85	5.89	5.96	7.2	5
10	256QAM	1	25	5.81	5.69	5.75	5.90		
10	256QAM	1	49	5.90	5.83	5.84	6.02		
10	256QAM	25	0	5.98	5.79	5.94	5.82	7.2	5
10	256QAM	25	12	5.91	5.74	5.71	5.82		
10	256QAM	25	25	5.92	5.80	5.81	5.99		
10	256QAM	50	0	5.82	5.75	5.80	5.82		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	10.90	11.17	11.15	11.10	12.2	0
5	QPSK	1	12	11.06	11.06	11.08	11.04		
5	QPSK	1	24	10.91	11.10	10.91	10.86		
5	QPSK	12	0	10.14	10.29	10.13	10.17	11.2	1
5	QPSK	12	7	10.09	10.20	10.14	10.20		
5	QPSK	12	13	10.05	10.05	10.03	10.01		
5	QPSK	25	0	9.94	10.05	10.02	10.00		
5	16QAM	1	0	10.23	10.20	10.19	10.31	11.2	1
5	16QAM	1	12	10.17	10.11	10.20	10.14		
5	16QAM	1	24	10.02	10.21	10.09	10.09		
5	16QAM	12	0	9.00	9.05	8.91	8.90	10.2	2
5	16QAM	12	7	8.96	9.04	8.92	8.93		
5	16QAM	12	13	9.03	9.12	8.91	8.99		
5	16QAM	25	0	9.14	9.15	9.00	9.08		
5	64QAM	1	0	9.08	9.20	9.14	9.15	10.2	2
5	64QAM	1	12	9.15	9.27	9.06	9.17		
5	64QAM	1	24	9.09	9.17	8.98	9.05		
5	64QAM	12	0	8.11	8.30	8.01	8.11	9.2	3
5	64QAM	12	7	8.10	8.09	8.12	8.02		
5	64QAM	12	13	8.12	8.24	8.08	8.07		
5	64QAM	25	0	7.87	7.99	7.91	7.85		
5	256QAM	1	0	5.95	5.90	5.97	5.93	7.2	5
5	256QAM	1	12	5.78	5.78	5.68	5.93		
5	256QAM	1	24	5.88	5.78	5.76	5.95		
5	256QAM	12	0	5.95	5.71	5.98	5.82	7.2	5
5	256QAM	12	7	5.98	5.74	5.68	5.92		
5	256QAM	12	13	5.87	5.79	5.83	6.03		
5	256QAM	25	0	5.80	5.82	5.81	5.82		

Reduced Power Level for 5GNR
ECI4

Par27O n77_FCC PC2&3 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.36	22.41	22.29	23.5	0.0
100	PI/2 BPSK	1	137	22.32	22.44	22.35		
100	PI/2 BPSK	1	271	22.10	22.25	22.15		
100	PI/2 BPSK	135	0	22.31	22.46	22.31	23.5	0.0
100	PI/2 BPSK	135	69	22.41	22.55	22.43	23.5	0.0
100	PI/2 BPSK	135	138	22.35	22.42	22.26	23.5	0.0
100	PI/2 BPSK	270	0	22.38	22.53	22.43		
100	QPSK	1	1	22.39	22.58	22.24	23.5	0.0
100	QPSK	1	137	22.26	22.34	22.20		
100	QPSK	1	271	22.16	22.24	22.18		
100	QPSK	135	0	22.16	22.29	22.18	23.5	0.0
100	QPSK	135	69	22.45	22.56	22.43	23.5	0.0
100	QPSK	135	138	22.24	22.37	22.21	23.5	0.0
100	QPSK	270	0	22.41	22.52	22.46		
100	16QAM	1	1	22.22	22.07	22.04	23.5	0.0
100	64QAM	1	1	22.26	22.14	22.08	23.5	0.0
100	256QAM	1	1	21.28	21.20	21.12	22.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.29	22.52	22.17	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.26	22.44	22.11	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.29	22.49	22.08	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.30	22.54	22.20	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.24	22.53	22.12	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.28	22.48	22.12	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.34	22.49	22.20	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.24	22.50	22.12	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.29	22.48	22.15	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.52	22.18	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.26	22.51	22.12	23.5	0.0

Part27Q n77_FCC PC2&3 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.29		23.5	0.0
100	PI/2 BPSK	1	137		22.56			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.46		23.5	0.0
100	PI/2 BPSK	135	69		22.57		23.5	0.0
100	PI/2 BPSK	135	138		22.53		23.5	0.0
100	PI/2 BPSK	270	0		22.50			
100	QPSK	1	1		22.61		23.5	0.0
100	QPSK	1	137		22.25			
100	QPSK	1	271		22.44			
100	QPSK	135	0		22.52		23.5	0.0
100	QPSK	135	69		22.55		23.5	0.0
100	QPSK	135	138		22.39		23.5	0.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.09		23.5	0.0
100	64QAM	1	1		22.13		23.5	0.0
100	256QAM	1	1		21.15		22.0	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.50	22.54	22.52	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.45	22.52	22.52	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.48	22.54	22.57	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.52	22.46	22.52	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.49	22.57	22.51	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.54	22.49	22.53	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.46	22.53	22.53	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.56	22.56	22.46	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.55	22.50	22.53	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.55	22.54	22.47	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.49	22.55	22.56	23.5	0.0

Part27O n78_FCC PC3 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.99		23.5	0.0
100	PI/2 BPSK	1	137		22.08			
100	PI/2 BPSK	1	271		21.92			
100	PI/2 BPSK	135	0		21.55		23.2	0.5
100	PI/2 BPSK	135	69		22.10		23.5	0.0
100	PI/2 BPSK	135	138		21.46		23.2	0.5
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		22.14		23.5	0.0
100	QPSK	1	137		22.11			
100	QPSK	1	271		21.89			
100	QPSK	135	0		20.99		22.7	1.0
100	QPSK	135	69		22.08		23.5	0.0
100	QPSK	135	138		20.90		22.7	1.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.98		22.7	1.0
100	64QAM	1	1		19.34		21.2	2.5
100	256QAM	1	1		17.66		19.2	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.03	22.02	21.98	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.10	22.00	22.04	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.99	22.01	22.00	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.08	22.07	22.03	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.99	21.99	22.02	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.99	22.07	22.00	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.09	22.03	21.98	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.08	22.05	22.06	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.09	22.08	22.08	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.08	22.06	21.99	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.09	22.01	22.09	23.5	0.0

Part27Q 78_FCC PC3 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.32		23.5	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		21.77		23.2	0.5
100	PI/2 BPSK	135	69		22.30		23.5	0.0
100	PI/2 BPSK	135	138		21.76		23.2	0.5
100	PI/2 BPSK	270	0		21.70			
100	QPSK	1	1		22.39		23.5	0.0
100	QPSK	1	137		22.35			
100	QPSK	1	271		22.21			
100	QPSK	135	0		21.20		22.7	1.0
100	QPSK	135	69		22.26		23.5	0.0
100	QPSK	135	138		21.21		22.7	1.0
100	QPSK	270	0		21.25			
100	16QAM	1	1		20.95		22.7	1.0
100	64QAM	1	1		19.37		21.2	2.5
100	256QAM	1	1		17.91		19.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.31	22.33	22.30	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.25	22.29	22.30	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.26	22.31	22.25	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.29	22.34	22.25	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.26	22.29	22.27	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.24	22.27	22.24	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.30	22.29	22.29	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.28	22.32	22.24	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.33	22.24	22.34	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.26	22.33	22.26	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.28	22.35	22.29	23.5	0.0

Reduced Power Level for WWAN

ECI6

GSM850 Ant0 ECI6

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.30	32.74	32.52	33.50	23.30	23.74	23.52	24.50
GPRS 1 Tx slot	32.24	32.73	32.47	33.50	23.24	23.73	23.47	24.50
GPRS 2 Tx slots	31.23	31.57	31.62	32.50	25.23	25.57	25.62	26.50
GPRS 3 Tx slots	29.51	29.78	29.84	31.50	25.25	25.52	25.58	27.24
GPRS 4 Tx slots	28.50	28.79	28.55	30.50	25.50	25.79	25.55	27.50
EDGE 1 Tx slot	26.60	26.81	26.97	27.50	17.60	17.81	17.97	18.50
EDGE 2 Tx slots	25.55	25.59	25.86	27.00	19.55	19.59	19.86	21.00
EDGE 3 Tx slots	23.12	23.26	23.36	24.50	18.86	19.00	19.10	20.24
EDGE 4 Tx slots	22.08	22.10	22.27	23.00	19.08	19.10	19.27	20.00

GSM1900 Ant0 ECI6

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.66	28.77	28.70	30.20	19.66	19.77	19.70	21.20
GPRS 1 Tx slot	28.63	28.76	28.68	30.20	19.63	19.76	19.68	21.20
GPRS 2 Tx slots	25.43	25.30	25.36	27.20	19.43	19.30	19.36	21.20
GPRS 3 Tx slots	24.14	24.07	24.20	25.40	19.88	19.81	19.94	21.14
GPRS 4 Tx slots	22.98	23.08	23.03	24.20	19.98	20.08	20.03	21.20
EDGE 1 Tx slot	25.89	25.95	25.97	26.50	16.89	16.95	16.97	17.50
EDGE 2 Tx slots	24.76	24.82	24.84	25.50	18.76	18.82	18.84	19.50
EDGE 3 Tx slots	22.58	22.61	22.63	23.50	18.32	18.35	18.37	19.24
EDGE 4 Tx slots	21.28	21.34	21.41	22.50	18.28	18.34	18.41	19.50

		WCDMA II Ant0 ECI6				WCDMA V Ant0 ECI6			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.29	16.30	16.19	17.40	22.92	23.10	23.05	24.00
3GPP Rel 99	RMC 12.2Kbps	16.40	16.49	16.42	17.40	23.09	23.24	23.22	24.00
3GPP Rel 6	HSDPA Subtest-1	15.60	15.47	15.55	16.50	22.35	22.26	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	15.72	15.62	15.48	16.50	22.29	22.37	22.26	23.00
3GPP Rel 6	HSDPA Subtest-3	15.25	15.02	15.03	16.00	22.05	21.83	21.86	22.50
3GPP Rel 6	HSDPA Subtest-4	15.19	15.10	15.10	16.00	22.02	21.91	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.47	15.55	15.34	16.50	22.26	22.35	22.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.37	15.71	15.47	16.50	22.17	22.50	22.30	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.99	15.07	14.88	16.00	21.80	21.88	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.93	15.26	15.11	16.00	21.62	22.04	21.92	22.50
3GPP Rel 6	HSUPA Subtest-1	15.66	15.48	15.57	16.50	22.45	22.31	22.36	23.00
3GPP Rel 6	HSUPA Subtest-2	13.62	13.65	13.51	14.50	20.45	20.49	20.27	21.00
3GPP Rel 6	HSUPA Subtest-3	14.60	14.64	14.48	15.50	21.37	21.37	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	13.67	13.63	13.50	14.50	20.47	20.39	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	15.67	15.71	15.55	16.50	22.45	22.45	22.35	23.00

Band 2 Ant0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.31	18.32	18.29	20	0
20	QPSK	1	49	18.06	18.22	18.07		
20	QPSK	1	99	18.14	18.26	18.13		
20	QPSK	50	0	17.43	17.54	17.38		
20	QPSK	50	24	17.44	17.46	17.37	19	1
20	QPSK	50	50	17.36	17.42	17.38		
20	QPSK	100	0	17.33	17.44	17.41		
20	16QAM	1	0	17.35	17.38	17.22		
20	16QAM	1	49	17.19	17.29	17.18	19	1
20	16QAM	1	99	17.13	17.28	17.29		
20	16QAM	50	0	16.18	16.35	16.23		
20	16QAM	50	24	16.11	16.19	16.05	18	2
20	16QAM	50	50	16.16	16.30	16.18		
20	16QAM	100	0	16.28	16.41	16.35		
20	64QAM	1	0	16.34	16.40	16.39		
20	64QAM	1	49	16.23	16.32	16.31	18	2
20	64QAM	1	99	16.26	16.28	16.22		
20	64QAM	50	0	15.24	15.27	15.19		
20	64QAM	50	24	15.16	15.24	15.13	17	3
20	64QAM	50	50	15.11	15.27	15.19		
20	64QAM	100	0	15.24	15.36	15.33		
20	256QAM	1	0	13.27	13.28	13.29		
20	256QAM	1	49	13.11	13.19	13.09	15	5
20	256QAM	1	99	13.18	13.26	13.20		
20	256QAM	50	0	13.21	13.23	13.26		
20	256QAM	50	24	13.20	13.15	13.15	15	5
20	256QAM	50	50	13.22	13.20	13.22		
20	256QAM	100	0	13.15	13.21	13.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.24	18.16	20	0
15	QPSK	1	37	18.02	18.09	18.06		
15	QPSK	1	74	18.06	18.15	18.06		
15	QPSK	36	0	17.31	17.44	17.26		
15	QPSK	36	20	17.34	17.35	17.23	19	1
15	QPSK	36	39	17.28	17.32	17.30		
15	QPSK	75	0	17.24	17.34	17.29		
15	16QAM	1	0	17.20	17.27	17.11		
15	16QAM	1	37	17.06	17.15	17.07	19	1
15	16QAM	1	74	17.00	17.14	17.14		
15	16QAM	36	0	16.08	16.27	16.12		
15	16QAM	36	20	16.01	16.10	16.10	18	2
15	16QAM	36	39	16.01	16.23	16.10		
15	16QAM	75	0	16.15	16.29	16.25		
15	64QAM	1	0	16.24	16.28	16.24		
15	64QAM	1	37	16.09	16.21	16.23	18	2
15	64QAM	1	74	16.14	16.21	16.10		
15	64QAM	36	0	15.14	15.14	15.05		
15	64QAM	36	20	15.07	15.16	15.05	17	3
15	64QAM	36	39	15.10	15.16	15.09		
15	64QAM	75	0	15.12	15.23	15.23		
15	256QAM	1	0	13.14	13.16	13.19		
15	256QAM	1	37	13.01	13.06	12.94	15	5
15	256QAM	1	74	13.09	13.17	13.09		
15	256QAM	36	0	13.14	13.16	13.12		
15	256QAM	36	20	13.08	13.01	13.07	15	5
15	256QAM	36	39	13.14	13.12	13.10		
15	256QAM	75	0	13.05	13.07	13.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.22	18.24	18.20	20	0
10	QPSK	1	25	18.03	18.09	18.06		
10	QPSK	1	49	18.02	18.18	18.04		
10	QPSK	25	0	17.35	17.47	17.26		
10	QPSK	25	12	17.35	17.35	17.30	19	1
10	QPSK	25	25	17.26	17.37	17.29		
10	QPSK	50	0	17.24	17.32	17.33		
10	16QAM	1	0	17.20	17.27	17.12		
10	16QAM	1	25	17.05	17.17	17.08	19	1
10	16QAM	1	49	17.04	17.16	17.16		
10	16QAM	25	0	16.06	16.26	16.13		
10	16QAM	25	12	16.00	16.08	16.03	18	2
10	16QAM	25	25	16.09	16.16	16.09		
10	16QAM	50	0	16.20	16.26	16.24		
10	64QAM	1	0	16.27	16.29	16.29		
10	64QAM	1	25	16.14	16.23	16.18	18	2
10	64QAM	1	49	16.17	16.16	16.11		
10	64QAM	25	0	15.13	15.19	15.06		
10	64QAM	25	12	15.04	15.11	15.04	17	3
10	64QAM	25	25	15.02	15.14	15.04		
10	64QAM	50	0	15.09	15.23	15.23		
10	256QAM	1	0	13.20	13.12	13.21		
10	256QAM	1	25	12.96	13.04	12.97	15	5
10	256QAM	1	49	13.04	13.15	13.11		
10	256QAM	25	0	13.10	13.10	13.14		
10	256QAM	25	12	13.06	13.02	13.05	15	5
10	256QAM	25	25	13.12	13.11	13.14		
10	256QAM	50	0	13.06	13.09	13.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.23	18.20	18.20	20	0
5	QPSK	1	12	18.11	18.13	18.06		
5	QPSK	1	24	18.04	18.19	18.03		
5	QPSK	12	0	17.28	17.39	17.23		
5	QPSK	12	7	17.33	17.37	17.27	19	1
5	QPSK	12	13	17.27	17.29	17.28		
5	QPSK	25	0	17.22	17.37	17.31		
5	16QAM	1	0	17.22	17.27	17.15		
5	16QAM	1	12	17.08	17.16	17.08	19	1
5	16QAM	1	24	17.06	17.19	17.15		
5	16QAM	12	0	16.09	16.21	16.12		
5	16QAM	12	7	16.01	16.09	16.03	18	2
5	16QAM	12	13	16.04	16.22	16.08		
5	16QAM	25	0	16.17	16.29	16.21		
5	64QAM	1	0	16.25	16.27	16.29	18	2
5	64QAM	1	12	16.16	16.21	16.23		
5	64QAM	1	24	16.13	16.16	16.12		
5	64QAM	12	0	15.15	15.13	15.11	17	3
5	64QAM	12	7	15.08	15.12	15.01		
5	64QAM	12	13	15.04	15.18	15.09		
5	64QAM	25	0	15.12	15.29	15.21		
5	256QAM	1	0	13.13	13.16	13.16		
5	256QAM	1	12	12.96	13.12	13.01	15	5
5	256QAM	1	24	13.08	13.16	13.12		
5	256QAM	12	0	13.07	13.15	13.17		
5	256QAM	12	7	13.09	13.05	13.02	15	5
5	256QAM	12	13	13.10	13.10	13.08		
5	256QAM	25	0	13.02	13.12	13.05		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.20	18.18	18.15	20	0
3	QPSK	1	8	18.03	18.07	18.04		
3	QPSK	1	14	18.04	18.17	18.00		
3	QPSK	8	0	17.29	17.42	17.31		
3	QPSK	8	4	17.30	17.35	17.25	19	1
3	QPSK	8	7	17.24	17.33	17.28		
3	QPSK	15	0	17.26	17.31	17.28		
3	16QAM	1	0	17.26	17.30	17.06		
3	16QAM	1	8	17.04	17.14	17.10	19	1
3	16QAM	1	14	17.03	17.16	17.20		
3	16QAM	8	0	16.06	16.27	16.09		
3	16QAM	8	4	16.00	16.06	16.01	18	2
3	16QAM	8	7	16.06	16.22	16.05		
3	16QAM	15	0	16.13	16.29	16.22		
3	64QAM	1	0	16.23	16.32	16.25		
3	64QAM	1	8	16.14	16.21	16.20	18	2
3	64QAM	1	14	16.14	16.15	16.08		
3	64QAM	8	0	15.12	15.18	15.10		
3	64QAM	8	4	15.02	15.09	15.00	17	3
3	64QAM	8	7	15.01	15.17	15.08		
3	64QAM	15	0	15.16	15.21	15.24		
3	256QAM	1	0	13.18	13.17	13.19		
3	256QAM	1	8	13.00	13.09	13.02	15	5
3	256QAM	1	14	13.09	13.18	13.09		
3	256QAM	8	0	13.10	13.13	13.17		
3	256QAM	8	4	13.12	13.01	13.04	15	5
3	256QAM	8	7	13.07	13.13	13.12		
3	256QAM	15	0	13.06	13.12	13.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.24	18.22	18.17	20	0
1.4	QPSK	1	3	18.03	18.13	18.04		
1.4	QPSK	1	5	18.01	18.20	18.00		
1.4	QPSK	3	0	18.15	18.26	18.03		
1.4	QPSK	3	1	18.14	18.14	18.09		
1.4	QPSK	3	3	18.04	18.08	18.07		
1.4	QPSK	6	0	17.26	17.32	17.28	19	1
1.4	16QAM	1	0	17.22	17.29	17.13	19	1
1.4	16QAM	1	3	17.07	17.16	17.09		
1.4	16QAM	1	5	17.00	17.20	17.15		
1.4	16QAM	3	0	17.08	17.20	17.12		
1.4	16QAM	3	1	17.03	17.10	17.01		
1.4	16QAM	3	3	17.07	17.18	17.06		
1.4	16QAM	6	0	16.20	16.32	16.23	18	2
1.4	64QAM	1	0	16.20	16.29	16.30	18	2
1.4	64QAM	1	3	16.09	16.21	16.23		
1.4	64QAM	1	5	16.15	16.18	16.13		
1.4	64QAM	3	0	16.11	16.15	16.04		
1.4	64QAM	3	1	16.02	16.11	16.05		
1.4	64QAM	3	3	16.01	16.17	16.05		
1.4	64QAM	6	0	15.15	15.29	15.23	17	3
1.4	256QAM	1	0	13.14	13.15	13.20	15	5
1.4	256QAM	1	3	12.98	13.08	13.01		
1.4	256QAM	1	5	13.04	13.14	13.07		
1.4	256QAM	3	0	13.07	13.13	13.13		
1.4	256QAM	3	1	13.10	13.01	13.01		
1.4	256QAM	3	3	13.11	13.10	13.10		
1.4	256QAM	6	0	13.01	13.08	13.10	15	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.52	18.77	18.74	20.5	0
20	QPSK	1	49	18.53	18.68	18.57		
20	QPSK	1	99	18.57	18.66	18.57		
20	QPSK	50	0	17.77	17.85	17.67		
20	QPSK	50	24	17.72	17.78	17.75	19.5	1
20	QPSK	50	50	17.60	17.70	17.62		
20	QPSK	100	0	17.62	17.75	17.68		
20	16QAM	1	0	17.61	17.66	17.71		
20	16QAM	1	49	17.51	17.66	17.51	19.5	1
20	16QAM	1	99	17.50	17.58	17.52		
20	16QAM	50	0	16.67	16.72	16.59		
20	16QAM	50	24	16.67	16.67	16.57	18.5	2
20	16QAM	50	50	16.67	16.72	16.64		
20	16QAM	100	0	16.75	16.74	16.63		
20	64QAM	1	0	16.63	16.75	16.67		
20	64QAM	1	49	16.52	16.57	16.51	18.5	2
20	64QAM	1	99	16.56	16.65	16.65		
20	64QAM	50	0	15.70	15.75	15.74		
20	64QAM	50	24	15.70	15.85	15.78	17.5	3
20	64QAM	50	50	15.58	15.70	15.69		
20	64QAM	100	0	15.64	15.72	15.58		
20	256QAM	1	0	13.77	13.80	13.74		
20	256QAM	1	49	13.66	13.58	13.68	15.5	5
20	256QAM	1	99	13.68	13.73	13.81		
20	256QAM	50	0	13.73	13.73	13.75		
20	256QAM	50	24	13.82	13.64	13.70	15.5	5
20	256QAM	50	50	13.76	13.71	13.65		
20	256QAM	100	0	13.76	13.69	13.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.54	18.54	18.67	20.5	0
15	QPSK	1	37	18.51	18.57	18.52		
15	QPSK	1	74	18.51	18.57	18.52		
15	QPSK	36	0	17.75	17.80	17.64		
15	QPSK	36	20	17.65	17.79	17.66	19.5	1
15	QPSK	36	39	17.69	17.67	17.64		
15	QPSK	75	0	17.61	17.71	17.68		
15	16QAM	1	0	17.56	17.68	17.66		
15	16QAM	1	37	17.51	17.50	17.51	19.5	1
15	16QAM	1	74	17.52	17.54	17.52		
15	16QAM	36	0	16.63	16.66	16.56		
15	16QAM	36	20	16.64	16.65	16.51	18.5	2
15	16QAM	36	39	16.63	16.68	16.55		
15	16QAM	75	0	16.71	16.66	16.59		
15	64QAM	1	0	16.61	16.70	16.63		
15	64QAM	1	37	16.55	16.52	16.55	18.5	2
15	64QAM	1	74	16.54	16.56	16.56		
15	64QAM	36	0	15.69	15.71	15.69		
15	64QAM	36	20	15.63	15.82	15.72	17.5	3
15	64QAM	36	39	15.58	15.65	15.66		
15	64QAM	75	0	15.63	15.70	15.59		
15	256QAM	1	0	13.70	13.74	13.73		
15	256QAM	1	37	13.58	13.54	13.60	15.5	5
15	256QAM	1	74	13.68	13.72	13.70		
15	256QAM	36	0	13.69	13.70	13.72		
15	256QAM	36	20	13.75	13.63	13.65	15.5	5
15	256QAM	36	39	13.76	13.71	13.60		
15	256QAM	75	0	13.73	13.63	13.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.51	18.74	18.65	20.5	0
10	QPSK	1	25	18.51	18.64	18.51		
10	QPSK	1	49	18.52	18.59	18.50		
10	QPSK	25	0	17.74	17.81	17.67		
10	QPSK	25	12	17.64	17.80	17.73	19.5	1
10	QPSK	25	25	17.68	17.85	17.55		
10	QPSK	50	0	17.62	17.71	17.67		
10	16QAM	1	0	17.58	17.64	17.70		
10	16QAM	1	25	17.55	17.51	17.52	19.5	1
10	16QAM	1	49	17.56	17.54	17.52		
10	16QAM	25	0	16.60	16.67	16.55		
10	16QAM	25	12	16.65	16.67	16.57	18.5	2
10	16QAM	25	25	16.58	16.61	16.55		
10	16QAM	50	0	16.71	16.71	16.57		
10	64QAM	1	0	16.60	16.75	16.66		
10	64QAM	1	25	16.52	16.53	16.52	18.5	2
10	64QAM	1	49	16.52	16.56	16.54		
10	64QAM	25	0	15.66	15.73	15.71		
10	64QAM	25	12	15.68	15.79	15.75	17.5	3
10	64QAM	25	25	15.55	15.62	15.65		
10	64QAM	50	0	15.63	15.71	15.53		
10	256QAM	1	0	13.69	13.72	13.74		
10	256QAM	1	25	13.63	13.55	13.56	15.5	5
10	256QAM	1	49	13.70	13.72	13.75		
10	256QAM	25	0	13.69	13.70	13.74		
10	256QAM	25	12	13.74	13.66	13.63	15.5	5
10	256QAM	25	25	13.74	13.72	13.59		
10	256QAM	50	0	13.75	13.66	13.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.52	18.55	18.68	20.5	0
5	QPSK	1	12	18.51	18.62	18.54		
5	QPSK	1	24	18.53	18.59	18.51		
5	QPSK	12	0	17.73	17.78	17.67		
5	QPSK	12	7	17.64	17.79	17.73	19.5	1
5	QPSK	12	13	17.59	17.69	17.56		
5	QPSK	25	0	17.61	17.69	17.68		
5	16QAM	1	0	17.58	17.66	17.67		
5	16QAM	1	12	17.52	17.52	17.51	19.5	1
5	16QAM	1	24	17.53	17.55	17.51		
5	16QAM	12	0	16.59	16.67	16.60		
5	16QAM	12	7	16.68	16.64	16.50	18.5	2
5	16QAM	12	13	16.60	16.66	16.57		
5	16QAM	25	0	16.72	16.65	16.62		
5	64QAM	1	0	16.60	16.72	16.59	18.5	2
5	64QAM	1	12	16.52	16.51	16.51		
5	64QAM	1	24	16.53	16.58	16.58		
5	64QAM	12	0	15.66	15.74	15.68		
5	64QAM	12	7	15.65	15.77	15.75	17.5	3
5	64QAM	12	13	15.59	15.64	15.64		
5	64QAM	25	0	15.60	15.68	15.54		
5	256QAM	1	0	13.71	13.71	13.75		
5	256QAM	1	12	13.62	13.58	13.63	15.5	5
5	256QAM	1	24	13.66	13.69	13.77		
5	256QAM	12	0	13.68	13.74	13.71		
5	256QAM	12	7	13.78	13.60	13.62	15.5	5
5	256QAM	12	13	13.74	13.66	13.64		
5	256QAM	25	0	13.71	13.67	13.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.53	18.54	18.66	20.5	0
3	QPSK	1	8	18.51	18.51	18.62		
3	QPSK	1	14	18.53	18.53	18.59		
3	QPSK	8	0	17.68	17.80	17.66		
3	QPSK	8	4	17.66	17.81	17.73	19.5	1
3	QPSK	8	7	17.62	17.65	17.56		
3	QPSK	15	0	17.65	17.73	17.68		
3	16QAM	1	0	17.56	17.67	17.68		
3	16QAM	1	8	17.52	17.50	17.51	19.5	1
3	16QAM	1	14	17.53	17.55	17.51		
3	16QAM	8	0	16.59	16.67	16.56		
3	16QAM	8	4	16.68	16.67	16.53	18.5	2
3	16QAM	8	7	16.63	16.65	16.58		
3	16QAM	15	0	16.67	16.68	16.54		
3	64QAM	1	0	16.61	16.77	16.64		
3	64QAM	1	8	16.52	16.56	16.57	18.5	2
3	64QAM	1	14	16.51	16.61	16.56		
3	64QAM	8	0	15.65	15.74	15.70		
3	64QAM	8	4	15.67	15.82	15.75	17.5	3
3	64QAM	8	7	15.56	15.68	15.63		
3	64QAM	15	0	15.61	15.72	15.58		
3	256QAM	1	0	13.75	13.70	13.71		
3	256QAM	1	8	13.59	13.56	13.56	15.5	5
3	256QAM	1	14	13.66	13.69	13.73		
3	256QAM	8	0	13.65	13.72	13.73		
3	256QAM	8	4	13.80	13.61	13.60	15.5	5
3	256QAM	8	7	13.72	13.72	13.58		
3	256QAM	15	0	13.73	13.63	13.65		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.50	18.64	18.60	20.5	0
1.4	QPSK	1	3	18.51	18.62	18.52		
1.4	QPSK	1	5	18.55	18.56	18.51		
1.4	QPSK	3	0	18.52	18.56	18.57		
1.4	QPSK	3	1	18.56	18.60	18.59		
1.4	QPSK	3	3	18.52	18.56	18.57		
1.4	QPSK	6	0	17.53	17.58	17.50	19.5	1
1.4	16QAM	1	0	17.57	17.62	17.63	19.5	1
1.4	16QAM	1	3	17.59	17.51	17.52		
1.4	16QAM	1	5	17.59	17.50	17.52		
1.4	16QAM	3	0	17.66	17.65	17.59		
1.4	16QAM	3	1	17.52	17.52	17.56		
1.4	16QAM	3	3	17.57	17.67	17.55		
1.4	16QAM	6	0	16.70	16.65	16.54	18.5	2
1.4	64QAM	1	0	16.56	16.78	16.62	18.5	2
1.4	64QAM	1	3	16.56	16.72	16.61		
1.4	64QAM	1	5	16.51	16.60	16.54		
1.4	64QAM	3	0	16.54	16.71	16.66		
1.4	64QAM	3	1	16.57	16.61	16.72		
1.4	64QAM	3	3	16.52	16.60	16.52		
1.4	64QAM	6	0	15.62	15.72	15.55	17.5	3
1.4	256QAM	1	0	13.68	13.70	13.69	15.5	5
1.4	256QAM	1	3	13.53	13.55	13.51		
1.4	256QAM	1	5	13.62	13.59	13.62		
1.4	256QAM	3	0	13.62	13.65	13.63		
1.4	256QAM	3	1	13.69	13.58	13.54		
1.4	256QAM	3	3	13.70	13.67	13.51		
1.4	256QAM	6	0	13.63	13.57	13.61	15.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.99	23.12	23.07	24	0
10	QPSK	1	25	22.98	23.07	23.02		
10	QPSK	1	49	22.91	23.02	22.99		
10	QPSK	25	0	21.99	22.05	21.91		
10	QPSK	25	12	21.94	21.99	21.90	23	1
10	QPSK	25	25	21.84	21.94	21.80		
10	QPSK	50	0	21.96	22.04	21.96		
10	16QAM	1	0	22.12	22.20	22.14		
10	16QAM	1	25	22.09	22.16	22.05	23	1
10	16QAM	1	49	21.97	22.11	21.96		
10	16QAM	25	0	21.04	21.12	21.09		
10	16QAM	25	12	20.96	21.04	20.90

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.70	22.77	22.73		
10	QPSK	1	25	22.64	22.68	22.59	24	0
10	QPSK	1	49	22.51	22.63	22.56		
10	QPSK	25	0	21.56	21.66	21.52		
10	QPSK	25	12	21.55	21.63	21.53	23	1
10	QPSK	25	25	21.52	21.60	21.50		
10	QPSK	50	0	21.56	21.66	21.57		
10	16QAM	1	0	21.52	21.66	21.61		
10	16QAM	1	25	21.47	21.53	21.48	23	1
10	16QAM	1	49	21.48	21.57	21.51		
10	16QAM	25	0	20.50	20.59	20.47		
10	16QAM	25	12	20.39	20.51	20.44	22	2
10	16QAM	25	25	20.51	20.57	20.51		
10	16QAM	50	0	20.50	20.54	20.51		
10	64QAM	1	0	20.59	20.69	20.55		
10	64QAM	1	25	20.53	20.57	20.44	22	2
10	64QAM	1	49	20.51	20.60	20.49		
10	64QAM	25	0	19.54	19.58	19.47		
10	64QAM	25	12	19.41	19.52	19.44	21	3
10	64QAM	25	25	19.54	19.58	19.53		
10	64QAM	50	0	19.38	19.51	19.45		
10	256QAM	1	0	17.77	17.85	17.79		
10	256QAM	1	25	17.70	17.69	17.67	19	5
10	256QAM	1	49	17.78	17.70	17.74		
10	256QAM	25	0	17.77	17.81	17.74		
10	256QAM	25	12	17.74	17.78	17.75	19	5
10	256QAM	25	25	17.82	17.78	17.74		
10	256QAM	50	0	17.67	17.76	17.72		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.59	22.71	22.67		
5	QPSK	1	12	22.54	22.60	22.45	24	0
5	QPSK	1	24	22.48	22.53	22.50		
5	QPSK	12	0	21.46	21.62	21.48		
5	QPSK	12	7	21.47	21.57	21.44	23	1
5	QPSK	12	13	21.44	21.48	21.47		
5	QPSK	25	0	21.42	21.54	21.52		
5	16QAM	1	0	21.41	21.58	21.46		
5	16QAM	1	12	21.33	21.41	21.43	23	1
5	16QAM	1	24	21.34	21.49	21.43		
5	16QAM	12	0	20.41	20.46	20.43		
5	16QAM	12	7	20.33	20.43	20.34	22	2
5	16QAM	12	13	20.40	20.48	20.37		
5	16QAM	25	0	20.41	20.42	20.37		
5	64QAM	1	0	20.55	20.65	20.50		
5	64QAM	1	12	20.49	20.46	20.30	22	2
5	64QAM	1	24	20.45	20.57	20.38		
5	64QAM	12	0	19.43	19.52	19.37		
5	64QAM	12	7	19.32	19.37	19.40	21	3
5	64QAM	12	13	19.49	19.49	19.44		
5	64QAM	25	0	19.33	19.38	19.40		
5	256QAM	1	0	17.84	17.82	17.87		
5	256QAM	1	12	17.75	17.76	17.72	19	5
5	256QAM	1	24	17.79	17.77	17.77		
5	256QAM	12	0	17.78	17.76	17.79		
5	256QAM	12	7	17.75	17.79	17.73	19	5
5	256QAM	12	13	17.72	17.71	17.74		
5	256QAM	25	0	17.75	17.73	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.70	22.63		
3	QPSK	1	8	22.53	22.60	22.52	24	0
3	QPSK	1	14	22.40	22.52	22.48		
3	QPSK	8	0	21.52	21.55	21.47		
3	QPSK	8	4	21.50	21.59	21.44	23	1
3	QPSK	8	7	21.45	21.55	21.44		
3	QPSK	15	0	21.45	21.55	21.43		
3	16QAM	1	0	21.39	21.63	21.51		
3	16QAM	1	8	21.43	21.39	21.41	23	1
3	16QAM	1	14	21.42	21.50	21.42		
3	16QAM	8	0	20.42	20.46	20.39		
3	16QAM	8	4	20.34	20.40	20.38	22	2
3	16QAM	8	7	20.38	20.53	20.45		
3	16QAM	15	0	20.46	20.44	20.41		
3	64QAM	1	0	20.50	20.55	20.43		
3	64QAM	1	8	20.43	20.48	20.32	22	2
3	64QAM	1	14	20.36	20.48	20.42		
3	64QAM	8	0	19.40	19.47	19.32		
3	64QAM	8	4	19.29	19.45	19.30	21	3
3	64QAM	8	7	19.50	19.50	19.50		
3	64QAM	15	0	19.29	19.38	19.41		
3	256QAM	1	0	17.85	17.85	17.83		
3	256QAM	1	8	17.70	17.75	17.72	19	5
3	256QAM	1	14	17.78	17.81	17.70		
3	256QAM	8	0	17.81	17.76	17.82		
3	256QAM	8	4	17.71	17.72	17.76	19	5
3	256QAM	8	7	17.79	17.82	17.83		
3	256QAM	15	0	17.69	17.71	17.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.67	22.67		
1.4	QPSK	1	3	22.60	22.62	22.50		
1.4	QPSK	1	5	22.38	22.57	22.43	24	0
1.4	QPSK	3	0	22.51	22.61	22.42		
1.4	QPSK	3	1	22.48	22.54	22.44		
1.4	QPSK	3	3	22.40	22.51	22.45		
1.4	QPSK	6	0	21.47	21.57	21.45	23	1
1.4	16QAM	1	0	21.46	21.63	21.57		
1.4	16QAM	1	3	21.37	21.43	21.38		
1.4	16QAM	1	5	21.38	21.47	21.37	23	1
1.4	16QAM	3	0	21.43	21.49	21.34		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.40	21.53	21.39		
1.4	16QAM	6	0	20.40	20.43	20.40	22	2
1.4	64QAM	1	0	20.48	20.65	20.51		
1.4	64QAM	1	3	20.46	20.51	20.39		
1.4	64QAM	1	5	20.39	20.54	20.43	22	2
1.4	64QAM	3	0	20.45	20.46	20.35		
1.4	64QAM	3	1	20.37	20.39	20.36		
1.4	64QAM	3	3	20.46	20.55	20.40		
1.4	64QAM	6	0	19.27	19.47	19.33	21	3
1.4	256QAM	1	0	17.85	17.86	17.87		
1.4	256QAM	1	3	17.68	17.73	17.70		
1.4	256QAM	1	5	17.78	17.72	17.81	19	5
1.4	256QAM	3	0	17.74	17.77	17.74		
1.4	256QAM	3	1	17.74	17.68	17.73		
1.4	256QAM	3	3	17.79	17.72	17.77		
1.4	256QAM	6	0	17.76	17.69	17.74	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		22.89			
10	QPSK	1	25		22.73		24	0
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.70			
10	QPSK	25	12		21.65		23	1
10	QPSK	25	25		21.62			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.67			
10	16QAM	1	25		21.59		23	1
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.49		22	2
10	16QAM	25	25		20.42			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.69			
10	64QAM	1	25		20.64		22	2
10	64QAM	1	49		20.52			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.53		21	3
10	64QAM	25	25		19.41			
10	64QAM	50	0		19.50			
10	256QAM	1	0		17.90			
10	256QAM	1	25		17.87		19	5
10	256QAM	1	49		17.82			
10	256QAM	25	0		17.92			
10	256QAM	25	12		17.78		19	5
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.77			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.74	22.70		
5	QPSK	1	12	22.65	22.59	22.61	24	0
5	QPSK	1	24	22.48	22.62	22.50		
5	QPSK	12	0	21.49	21.59	21.50		
5	QPSK	12	7	21.38	21.58	21.52	23	1
5	QPSK	12	13	21.48	21.58	21.46		
5	QPSK	25	0	21.47	21.54	21.47		
5	16QAM	1	0	21.47	21.62	21.41		
5	16QAM	1	12	21.42	21.50	21.32	23	1
5	16QAM	1	24	21.42	21.47	21.34		
5	16QAM	12	0	20.34	20.44	20.41		
5	16QAM	12	7	20.37	20.44	20.26	22	2
5	16QAM	12	13	20.21	20.28	20.26		
5	16QAM	25	0	20.40	20.51	20.36		
5	64QAM	1	0	20.44	20.62	20.42		
5	64QAM	1	12	20.44	20.50	20.47	22	2
5	64QAM	1	24	20.33	20.44	20.40		
5	64QAM	12	0	19.33	19.46	19.31		
5	64QAM	12	7	19.34	19.48	19.34	21	3
5	64QAM	12	13	19.24	19.27	19.26		
5	64QAM	25	0	19.28	19.38	19.35		
5	256QAM	1	0	17.90	17.85	17.96		
5	256QAM	1	12	17.86	17.87	17.78	19	5
5	256QAM	1	24	17.85	17.81	17.82		
5	256QAM	12	0	17.88	17.92	17.84		
5	256QAM	12	7	17.78	17.88	17.80	19	5
5	256QAM	12	13	17.89	17.84	17.86		
5	256QAM	25	0	17.85	17.85	17.84		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.65	18.91	18.83		
20	QPSK	1	49	18.65	18.76	18.66	20.5	0
20	QPSK	1	99	18.58	18.73	18.59		
20	QPSK	50	0	17.86	17.93	17.79		
20	QPSK	50	24	17.82	17.92	17.84	19.5	1
20	QPSK	50	50	17.74	17.82	17.73		
20	QPSK	100	0	17.77	17.85	17.83		
20	16QAM	1	0	17.75	17.80	17.83		
20	16QAM	1	49	17.50	17.66	17.57	19.5	1
20	16QAM	1	99	17.55	17.65	17.59		
20	16QAM	50	0	16.75	16.84	16.73		
20	16QAM	50	24	16.80	16.80	16.69	18.5	2
20	16QAM	50	50	16.75	16.80	16.73		
20	16QAM	100	0	16.84	16.83	16.73		
20	64QAM	1	0	16.73	16.89	16.77		
20	64QAM	1	49	16.55	16.69	16.53	18.5	2
20	64QAM	1	99	16.67	16.74	16.73		
20	64QAM	50	0	15.81	15.89	15.82		
20	64QAM	50	24	15.82	15.94	15.87	17.5	3
20	64QAM	50	50	15.73	15.80	15.80		
20	64QAM	100	0	15.78	15.86	15.70		
20	256QAM	1	0	13.87	13.89	13.88		
20	256QAM	1	49	13.76	13.73	13.75	15.5	5
20	256QAM	1	99	13.82	13.86	13.88		
20	256QAM	50	0	13.83	13.86	13.86		
20	256QAM	50	24	13.91	13.78	13.78	15.5	5
20	256QAM	50	50	13.87	13.84	13.76		
20	256QAM	100	0	13.86	13.79	13.83		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.56	18.72	18.63		
15	QPSK	1	37	18.53	18.61	18.59	20.5	0
15	QPSK	1	74	18.60	18.63	18.59		
15	QPSK	36	0	17.76	17.82	17.65		
15	QPSK	36	20	17.75	17.80	17.74	19.5	1
15	QPSK	36	39	17.59	17.73	17.64		
15	QPSK	75	0	17.67	17.74	17.68		
15	16QAM	1	0	17.62	17.71	17.72		
15	16QAM	1	37	17.56	17.56	17.61	19.5	1
15	16QAM	1	74	17.61	17.53	17.51		
15	16QAM	36	0	16.62	16.76	16.61		
15	16QAM	36	20	16.70	16.65	16.55	18.5	2
15	16QAM	36	39	16.67	16.67	16.59		
15	16QAM	75	0	16.70	16.73	16.63		
15	64QAM	1	0	16.64	16.81	16.69		
15	64QAM	1	37	16.54	16.61	16.50	18.5	2
15	64QAM	1	74	16.54	16.66	16.64		
15	64QAM	36	0	15.73	15.76	15.72		
15	64QAM	36	20	15.74	15.84	15.79	17.5	3
15	64QAM	36	39	15.64	15.71	15.72		
15	64QAM	75	0	15.65	15.77	15.59		
15	256QAM	1	0	13.75	13.78	13.73		
15	256QAM	1	37	13.67	13.60	13.64	15.5	5
15	256QAM	1	74	13.72	13.72	13.78		
15	256QAM	36	0	13.72	13.77	13.73		
15	256QAM	36	20	13.78	13.70	13.69	15.5	5
15	256QAM	36	39	13.75	13.74	13.64		
15	256QAM	75	0	13.73	13.67	13.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.59	18.73	18.68		
10	QPSK	1	25	18.57	18.59	18.60	20.5	0
10	QPSK	1	49	18.63	18.62	18.68		
10	QPSK	25	0	17.77	17.78	17.70		
10	QPSK	25	12	17.84	17.77	17.74	19.5	1
10	QPSK	25	25	17.65	17.74	17.68		
10	QPSK	50	0	17.64	17.74	17.70		
10	16QAM	1	0	17.63	17.66	17.80		
10	16QAM	1	25	17.61	17.62	17.64	19.5	1
10	16QAM	1	49	17.53	17.56	17.54		
10	16QAM	25	0	16.63	16.83	16.61		
10	16QAM	25	12	16.71	16.62	16.63	18.5	2
10	16QAM	25	25	16.74	16.60	16.50		
10	16QAM	50	0	16.77	16.76	16.64		
10	64QAM	1	0	16.69	16.87	16.63		
10	64QAM	1	25	16.67	16.55	16.59	18.5	2
10	64QAM	1	49	16.64	16.60	16.62		
10	64QAM	25	0	15.82	15.86	15.63		
10	64QAM	25	12	15.73	15.92	15.76	17.5	3
10	64QAM	25	25	15.65	15.78	15.73		
10	64QAM	50	0	15.65	15.69	15.55		
10	256QAM	1	0	13.79	13.76	13.76		
10	256QAM	1	25	13.67	13.65	13.62	15.5	5
10	256QAM	1	49	13.73	13.72	13.76		
10	256QAM	25	0	13.72	13.75	13.72		
10	256QAM	25	12	13.80	13.63	13.84	15.5	5
10	256QAM	25	25	13.75	13.73	13.63		
10	256QAM	50	0	13.74	13.65	13.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.57	18.77	18.60		
5	QPSK	1	12	18.59	18.61	18.68	20.5	0
5	QPSK	1	24	18.55	18.60	18.62		
5	QPSK	12	0	17.85	17.78	17.61		
5	QPSK	12	7	17.73	17.70	17.69	19.5	1
5	QPSK	12	13	17.65	17.67	17.59		
5	QPSK	25	0	17.74	17.72	17.76		
5	16QAM	1	0	17.53	17.73	17.62		
5	16QAM	1	12	17.56	17.65	17.65	19.5	1
5	16QAM	1	24	17.58	17.61	17.60		
5	16QAM	12	0	16.68	16.76	16.54		
5	16QAM	12	7	16.78	16.65	16.59	18.5	2
5	16QAM	12	13	16.67	16.76	16.61		
5	16QAM	25	0	16.70	16.81	16.57		
5	64QAM	1	0	16.72	16.87	16.64		
5	64QAM	1	12	16.51	16.56	16.52	18.5	2
5	64QAM	1	24	16.59	16.62	16.62		
5	64QAM	12	0	15.69	15.77	15.68		
5	64QAM	12	7	15.80	15.91	15.84	17.5	3
5	64QAM	12	13	15.62	15.85	15.81		
5	64QAM	25	0	15.56	15.82	15.66		
5	256QAM	1	0	13.76	13.81	13.74		
5	256QAM	1	12	13.63	13.59	13.62	15.5	5
5	256QAM	1	24	13.72	13.72	13.76		
5	256QAM	12	0	13.76	13.78	13.72		
5	256QAM	12	7	13.78	13.66	13.68	15.5	5
5	256QAM	12	13	13.75	13.72	13.66		
5	256QAM	25	0	13.79	13.64	13.73		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.65	18.77	18.63		
3	QPSK	1	8	18.55	18.53	18.58	20.5	0
3	QPSK	1	14	18.65	18.53	18.57		
3	QPSK	8	0	17.81	17.87	17.71		
3	QPSK	8	4	17.74	17.89	17.70	19.5	1
3	QPSK	8	7	17.60	17.73	17.57		
3	QPSK	15	0	17.67	17.68	17.58		
3	16QAM	1	0	17.60	17.77	17.67		
3	16QAM	1	8	17.58	17.58	17.63	19.5	1
3	16QAM	1	14	17.66	17.63	17.55		
3	16QAM	8	0	16.72	16.71	16.51		
3	16QAM	8	4	16.79	16.73	16.57	18.5	2
3	16QAM	8	7	16.57	16.62	16.60		
3	16QAM	15	0	16.78	16.67	16.72		
3	64QAM	1	0	16.73	16.84	16.65		
3	64QAM	1	8	16.60	16.64	16.74	18.5	2
3	64QAM	1	14	16.59	16.62	16.61		
3	64QAM	8	0	15.63	15.73	15.80		
3	64QAM	8	4	15.74	15.82	15.79	17.5	3
3	64QAM	8	7	15.58	15.67	15.75		
3	64QAM	15	0	15.69	15.85	15.52		
3	256QAM	1	0	13.80	13.80	13.76		
3	256QAM	1	8	13.66	13.62	13.63	15.5	5
3	256QAM	1	14	13.75	13.75	13.76		
3	256QAM	8	0	13.71	13.73	13.73		
3	256QAM	8	4	13.80	13.67	13.71	15.5	5
3	256QAM	8	7	13.79	13.71	13.66		
3	256QAM	15	0	13.74	13.69	13.74		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.52	18.73	18.68		
1.4	QPSK	1	3	18.51	18.70	18.55		
1.4	QPSK	1	5	18.54	18.62	18.52	20.5	0
1.4	QPSK	3	0	18.65	18.56	18.58		
1.4	QPSK	3	1	18.52	18.56	18.57		
1.4	QPSK	3	3	18.56	18.60	18.59		
1.4	QPSK	6	0	17.66	17.71	17.60	19.5	1
1.4	16QAM	1	0	17.72	17.74	17.70		
1.4	16QAM	1	3	17.59	17.50	17.52		
1.4	16QAM	1	5	17.57	17.58	17.61	19.5	1
1.4	16QAM	3	0	17.77	17.78	17.69		
1.4	16QAM	3	1	17.63	17.60	17.61		
1.4	16QAM	3	3	17.67	17.78	17.61		
1.4	16QAM	6	0	16.78	16.79	16.65	18.5	2
1.4	64QAM	1	0	16.69	16.86	16.73		
1.4	64QAM	1	3	16.59	16.57	16.57		
1.4	64QAM	1	5	16.56	16.72	16.61	18.5	2
1.4	64QAM	3	0	16.67	16.79	16.76		
1.4	64QAM	3	1	16.66	16.73	16.83		
1.4	64QAM	3	3	16.58	16.70	16.64		
1.4	64QAM	6	0	15.69	15.80	15.58	17.5	3
1.4	256QAM	1	0	13.78	13.80	13.76		
1.4	256QAM	1	3	13.67	13.62	13.64		
1.4	256QAM	1	5	13.73	13.72	13.76	15.5	5
1.4	256QAM	3	0	13.70	13.79	13.75		
1.4	256QAM	3	1	13.80	13.67	13.66		
1.4	256QAM	3	3	13.78	13.76	13.62		
1.4	256QAM	6	0	13.74	13.67	13.70	15.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.63	17.69	17.51	19.1	0
20	QPSK	1	49	17.48	17.52	17.43		
20	QPSK	1	99	17.44	17.50	17.46		
20	QPSK	50	0	16.79	16.93	16.71	18.1	1
20	QPSK	50	24	16.68	16.80	16.69		
20	QPSK	50	50	16.70	16.78	16.65		
20	QPSK	100	0	16.85	16.86	16.79		
20	16QAM	1	0	16.70	16.83	16.77	18.1	1
20	16QAM	1	49	16.66	16.70	16.62		
20	16QAM	1	99	16.65	16.78	16.71		
20	16QAM	50	0	15.75	15.86	15.77	17.1	2
20	16QAM	50	24	15.73	15.81	15.62		
20	16QAM	50	50	15.73	15.82	15.80		
20	16QAM	100	0	15.96	15.93	15.78		
20	64QAM	1	0	15.82	15.83	15.67	17.1	2
20	64QAM	1	49	15.66	15.72	15.67		
20	64QAM	1	99	15.73	15.75	15.69		
20	64QAM	50	0	14.80	14.81	14.68	16.1	3
20	64QAM	50	24	14.69	14.85	14.73		
20	64QAM	50	50	14.80	14.90	14.80		
20	64QAM	100	0	14.87	14.88	14.91		
20	256QAM	1	0	12.73	12.79	12.76	14.1	5
20	256QAM	1	49	12.62	12.61	12.54		
20	256QAM	1	99	12.63	12.66	12.67		
20	256QAM	50	0	12.70	12.71	12.72	14.1	5
20	256QAM	50	24	12.57	12.63	12.63		
20	256QAM	50	50	12.65	12.62	12.66		
20	256QAM	100	0	12.66	12.70	12.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.32	17.55	17.43	19.1	0
15	QPSK	1	37	17.37	17.44	17.30		
15	QPSK	1	74	17.34	17.42	17.38		
15	QPSK	36	0	16.71	16.70	16.61	18.1	1
15	QPSK	36	20	16.56	16.69	16.54		
15	QPSK	36	39	16.61	16.70	16.54		
15	QPSK	75	0	16.71	16.81	16.72		
15	16QAM	1	0	16.63	16.72	16.66	18.1	1
15	16QAM	1	37	16.56	16.55	16.48		
15	16QAM	1	74	16.56	16.70	16.60		
15	16QAM	36	0	15.63	15.75	15.66	17.1	2
15	16QAM	36	20	15.65	15.69	15.54		
15	16QAM	36	39	15.65	15.71	15.69		
15	16QAM	75	0	15.69	15.79	15.71		
15	64QAM	1	0	15.72	15.70	15.52	17.1	2
15	64QAM	1	37	15.56	15.62	15.57		
15	64QAM	1	74	15.66	15.67	15.55		
15	64QAM	36	0	14.71	14.70	14.57	16.1	3
15	64QAM	36	20	14.55	14.76	14.66		
15	64QAM	36	39	14.71	14.80	14.67		
15	64QAM	75	0	14.72	14.75	14.78		
15	256QAM	1	0	12.63	12.69	12.66	14.1	5
15	256QAM	1	37	12.52	12.52	12.47		
15	256QAM	1	74	12.51	12.59	12.54		
15	256QAM	36	0	12.62	12.61	12.63	14.1	5
15	256QAM	36	20	12.45	12.55	12.55		
15	256QAM	36	39	12.51	12.47	12.53		
15	256QAM	75	0	12.57	12.57	12.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.35	17.52	17.41	19.1	0
10	QPSK	1	25	17.34	17.41	17.31		
10	QPSK	1	49	17.34	17.39	17.35		
10	QPSK	25	0	16.71	16.72	16.59	18.1	1
10	QPSK	25	12	16.54	16.68	16.57		
10	QPSK	25	25	16.58	16.64	16.54		
10	QPSK	50	0	16.74	16.81	16.69		
10	16QAM	1	0	16.57	16.73	16.65	18.1	1
10	16QAM	1	25	16.53	16.55	16.51		
10	16QAM	1	49	16.51	16.70	16.63		
10	16QAM	25	0	15.65	15.72	15.65	17.1	2
10	16QAM	25	12	15.64	15.69	15.51		
10	16QAM	25	25	15.60	15.73	15.70		
10	16QAM	50	0	15.87	15.85	15.67		
10	64QAM	1	0	15.72	15.72	15.56	17.1	2
10	64QAM	1	25	15.59	15.58	15.58		
10	64QAM	1	49	15.62	15.65	15.56		
10	64QAM	25	0	14.70	14.69	14.55	16.1	3
10	64QAM	25	12	14.58	14.74	14.64		
10	64QAM	25	25	14.68	14.81	14.70		
10	64QAM	50	0	14.78	14.76	14.78		
10	256QAM	1	0	12.64	12.71	12.66	14.1	5
10	256QAM	1	25	12.54	12.48	12.46		
10	256QAM	1	49	12.53	12.51	12.53		
10	256QAM	25	0	12.60	12.60	12.59	14.1	5
10	256QAM	25	12	12.43	12.53	12.49		
10	256QAM	25	25	12.54	12.55	12.55		
10	256QAM	50	0	12.53	12.61	12.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.30	17.55	17.43	19.1	0
5	QPSK	1	12	17.35	17.40	17.30		
5	QPSK	1	24	17.30	17.42	17.33		
5	QPSK	12	0	16.65	16.76	16.56	18.1	1
5	QPSK	12	7	16.58	16.65	16.60		
5	QPSK	12	13	16.59	16.63	16.56		
5	QPSK	25	0	16.74	16.86	16.65		
5	16QAM	1	0	16.61	16.73	16.63	18.1	1
5	16QAM	1	12	16.55	16.59	16.54		
5	16QAM	1	24	16.55	16.69	16.63		
5	16QAM	12	0	15.61	15.74	15.70	17.1	2
5	16QAM	12	7	15.64	15.66	15.51		
5	16QAM	12	13	15.65	15.69	15.65		
5	16QAM	25	0	15.83	15.81	15.71		
5	64QAM	1	0	15.72	15.72	15.60	17.1	2
5	64QAM	1	12	15.56	15.62	15.57		
5	64QAM	1	24	15.62	15.66	15.58		
5	64QAM	12	0	14.72	14.66	14.60	16.1	3
5	64QAM	12	7	14.55	14.75	14.59		
5	64QAM	12	13	14.71	14.83	14.69		
5	64QAM	25	0	14.73	14.73	14.82		
5	256QAM	1	0	12.61	12.69	12.69	14.1	5
5	256QAM	1	12	12.48	12.50	12.45		
5	256QAM	1	24	12.49	12.59	12.53		
5	256QAM	12	0	12.60	12.58	12.61	14.1	5
5	256QAM	12	7	12.44	12.56	12.48		
5	256QAM	12	13	12.57	12.48	12.52		
5	256QAM	25	0	12.51	12.61	12.47		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.32	17.53	17.44	19.1	0
3	QPSK	1	8	17.40	17.42	17.32		
3	QPSK	1	14	17.31	17.45	17.34		
3	QPSK	8	0	16.69	16.72	16.59	18.1	1
3	QPSK	8	4	16.57	16.70	16.58		
3	QPSK	8	7	16.57	16.68	16.54		
3	QPSK	15	0	16.77	16.80	16.70		
3	16QAM	1	0	16.59	16.72	16.62	18.1	1
3	16QAM	1	8	16.53	16.57	16.54		
3	16QAM	1	14	16.51	16.64	16.59		
3	16QAM	8	0	15.62	15.77	15.66	17.1	2
3	16QAM	8	4	15.64	15.72	15.47		
3	16QAM	8	7	15.62	15.68	15.70		
3	16QAM	15	0	15.89	15.82	15.68		
3	64QAM	1	0	15.74	15.74	15.55	17.1	2
3	64QAM	1	8	15.51	15.62	15.56		
3	64QAM	1	14	15.59	15.63	15.55		
3	64QAM	8	0	14.67	14.68	14.58	16.1	3
3	64QAM	8	4	14.59	14.76	14.61		
3	64QAM	8	7	14.71	14.81	14.72		
3	64QAM	15	0	14.73	14.75	14.83		
3	256QAM	1	0	12.63	12.69	12.68	14.1	5
3	256QAM	1	8	12.53	12.53	12.45		
3	256QAM	1	14	12.52	12.58	12.58		
3	256QAM	8	0	12.63	12.57	12.59	14.1	5
3	256QAM	8	4	12.45	12.50	12.53		
3	256QAM	8	7	12.54	12.54	12.59		
3	256QAM	15	0	12.53	12.57	12.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.30	17.50	17.39	19.1	0
1.4	QPSK	1	3	17.34	17.43	17.29		
1.4	QPSK	1	5	17.34	17.42	17.36		
1.4	QPSK	3	0	17.48	17.50	17.43		
1.4	QPSK	3	1	17.35	17.48	17.36		
1.4	QPSK	3	3	17.41	17.44	17.34		
1.4	QPSK	6	0	16.75	16.79	16.65	18.1	1
1.4	16QAM	1	0	16.62	16.69	16.65	18.1	1
1.4	16QAM	1	3	16.56	16.62	16.52		
1.4	16QAM	1	5	16.56	16.66	16.56		
1.4	16QAM	3	0	16.63	16.71	16.62		
1.4	16QAM	3	1	16.64	16.73	16.48		
1.4	16QAM	3	3	16.59	16.71	16.70		
1.4	16QAM	6	0	15.82	15.85	15.70	17.1	2
1.4	64QAM	1	0	15.70	15.69	15.58	17.1	2
1.4	64QAM	1	3	15.52	15.59	15.59		
1.4	64QAM	1	5	15.62	15.65	15.56		
1.4	64QAM	3	0	15.65	15.69	15.58		
1.4	64QAM	3	1	15.58	15.77	15.62		
1.4	64QAM	3	3	15.65	15.79	15.69		
1.4	64QAM	6	0	14.76	14.80	14.78	16.1	3
1.4	256QAM	1	0	12.58	12.69	12.64	14.1	5
1.4	256QAM	1	3	12.49	12.50	12.39		
1.4	256QAM	1	5	12.54	12.54	12.60		
1.4	256QAM	3	0	12.56	12.60	12.58		
1.4	256QAM	3	1	12.47	12.53	12.48		
1.4	256QAM	3	3	12.57	12.53	12.57		
1.4	256QAM	6	0	12.53	12.63	12.47	14.1	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.96	18.11	17.91	19.9	0
20	QPSK	1	49	17.95	18.03	17.91		
20	QPSK	1	99	17.92	17.99	17.91		
20	QPSK	50	0	17.15	17.28	17.12	18.9	1
20	QPSK	50	24	17.09	17.15	17.08		
20	QPSK	50	50	17.13	17.23	17.12		
20	QPSK	100	0	17.13	17.23	17.08		
20	16QAM	1	0	17.12	17.14	17.02	18.9	1
20	16QAM	1	49	17.12	17.17	17.18		
20	16QAM	1	99	17.08	17.22	17.10		
20	16QAM	50	0	16.17	16.16	16.14	17.9	2
20	16QAM	50	24	15.99	16.10	16.09		
20	16QAM	50	50	16.03	16.17	16.10		
20	16QAM	100	0	16.12	16.16	16.10		
20	64QAM	1	0	16.15	16.24	16.16	17.9	2
20	64QAM	1	49	16.08	16.06	15.99		
20	64QAM	1	99	16.00	16.13	16.05		
20	64QAM	50	0	15.10	15.13	15.11	16.9	3
20	64QAM	50	24	15.04	15.12	15.01		
20	64QAM	50	50	15.01	15.01	15.01		
20	64QAM	100	0	15.16	15.22	15.08		
20	256QAM	1	0	13.07	13.15	13.07	14.9	5
20	256QAM	1	49	12.96	12.98	13.06		
20	256QAM	1	99	13.11	13.06	13.07		
20	256QAM	50	0	13.13	13.11	13.14	14.9	5
20	256QAM	50	24	12.92	12.98	13.08		
20	256QAM	50	50	13.13	13.05	13.04		
20	256QAM	100	0	13.02	12.97	13.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.95	17.97	17.91	19.9	0
15	QPSK	1	37	17.92	17.97	17.92		
15	QPSK	1	74	17.92	17.93	17.92		
15	QPSK	36	0	17.07	17.25	17.10	18.9	1
15	QPSK	36	20	17.04	17.11	17.02		
15	QPSK	36	39	17.06	17.15	17.03		
15	QPSK	75	0	17.08	17.22	17.03		
15	16QAM	1	0	17.06	17.08	16.95	18.9	1
15	16QAM	1	37	17.09	17.20	17.13		
15	16QAM	1	74	17.04	17.23	17.12		
15	16QAM	36	0	16.13	16.11	16.07	17.9	2
15	16QAM	36	20	15.92	16.05	16.05		
15	16QAM	36	39	16.01	16.11	16.05		
15	16QAM	75	0	16.00	16.12	16.07		
15	64QAM	1	0	16.09	16.20	16.08	17.9	2
15	64QAM	1	37	16.01	16.05	15.98		
15	64QAM	1	74	15.99	16.11	16.07		
15	64QAM	36	0	15.03	15.06	15.13	16.9	3
15	64QAM	36	20	15.01	15.09	15.01		
15	64QAM	36	39	15.00	15.05	15.00		
15	64QAM	75	0	15.14	15.17	15.06		
15	256QAM	1	0	13.04	13.09	13.04	14.9	5
15	256QAM	1	37	12.96	12.95	13.01		
15	256QAM	1	74	13.03	13.08	12.99		
15	256QAM	36	0	13.15	13.09	13.08	14.9	5
15	256QAM	36	20	12.90	12.92	13.03		
15	256QAM	36	39	13.02	13.01	13.04		
15	256QAM	75	0	12.94	12.97	12.97		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.95	18.00	17.95	19.9	0
10	QPSK	1	25	17.92	17.98	17.92		
10	QPSK	1	49	17.92	17.91	17.91		
10	QPSK	25	0	17.12	17.28	17.08	18.9	1
10	QPSK	25	12	17.06	17.08	16.98		
10	QPSK	25	25	17.08	17.20	17.03		
10	QPSK	50	0	17.08	17.21	17.03		
10	16QAM	1	0	17.10	17.10	16.99	18.9	1
10	16QAM	1	25	17.10	17.19	17.16		
10	16QAM	1	49	17.08	17.23	17.13		
10	16QAM	25	0	16.17	16.12	16.14	17.9	2
10	16QAM	25	12	15.97	16.08	16.03		
10	16QAM	25	25	15.98	16.17	16.04		
10	16QAM	50	0	16.08	16.15	16.06		
10	64QAM	1	0	16.14	16.19	16.14	17.9	2
10	64QAM	1	25	16.00	16.06	15.95		
10	64QAM	1	49	15.97	16.10	16.06		
10	64QAM	25	0	15.07	15.10	15.11	16.9	3
10	64QAM	25	12	15.02	15.05	15.01		
10	64QAM	25	25	15.03	15.01	15.06		
10	64QAM	50	0	15.08	15.19	15.01		
10	256QAM	1	0	13.04	13.15	13.03	14.9	5
10	256QAM	1	25	12.93	12.98	13.01		
10	256QAM	1	49	13.05	13.06	13.01		
10	256QAM	25	0	13.13	13.12	13.12	14.9	5
10	256QAM	25	12	12.92	12.94	12.99		
10	256QAM	25	25	13.07	13.06	12.99		
10	256QAM	50	0	12.95	12.99	12.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.94	18.04	17.92	19.9	0
5	QPSK	1	12	17.94	17.93	17.92		
5	QPSK	1	24	17.92	17.91	17.95		
5	QPSK	12	0	17.10	17.24	17.06	18.9	1
5	QPSK	12	7	17.05	17.11	16.99		
5	QPSK	12	13	17.09	17.15	17.03		
5	QPSK	25	0	17.10	17.18	17.05		
5	16QAM	1	0	17.04	17.15	16.94	18.9	1
5	16QAM	1	12	17.15	17.19	17.16		
5	16QAM	1	24	17.06	17.18	17.10		
5	16QAM	12	0	16.18	16.12	16.07	17.9	2
5	16QAM	12	7	15.97	16.09	16.03		
5	16QAM	12	13	16.01	16.16	16.05		
5	16QAM	25	0	16.07	16.09	16.02		
5	64QAM	1	0	16.10	16.16	16.13	17.9	2
5	64QAM	1	12	15.98	16.06	15.97		
5	64QAM	1	24	15.97	16.09	16.08		
5	64QAM	12	0	15.04	15.05	15.13	16.9	3
5	64QAM	12	7	15.01	15.08	15.02		
5	64QAM	12	13	15.06	15.04	15.05		
5	64QAM	25	0	15.11	15.19	15.07		
5	256QAM	1	0	13.05	13.10	13.07	14.9	5
5	256QAM	1	12	12.99	12.95	13.08		
5	256QAM	1	24	13.04	13.07	13.00		
5	256QAM	12	0	13.14	13.08	13.12	14.9	5
5	256QAM	12	7	12.91	12.94	13.04		
5	256QAM	12	13	13.07	12.99	13.00		
5	256QAM	25	0	12.95	12.97	12.95		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.90	18.03	17.95	19.9	0
3	QPSK	1	8	17.93	17.96	17.91		
3	QPSK	1	14	17.91	17.90	17.92		
3	QPSK	8	0	17.10	17.22	17.05	18.9	1
3	QPSK	8	4	17.07	17.10	17.04		
3	QPSK	8	7	17.07	17.18	17.04		
3	QPSK	15	0	17.09	17.19	17.05		
3	16QAM	1	0	17.07	17.14	16.99	18.9	1
3	16QAM	1	8	17.14	17.16	17.17		
3	16QAM	1	14	17.07	17.24	17.08		
3	16QAM	8	0	16.12	16.16	16.14	17.9	2
3	16QAM	8	4	15.95	16.08	16.01		
3	16QAM	8	7	15.95	16.18	16.04		
3	16QAM	15	0	16.03	16.17	16.07		
3	64QAM	1	0	16.08	16.17	16.09	17.9	2
3	64QAM	1	8	15.98	16.07	15.97		
3	64QAM	1	14	16.01	16.08	16.06		
3	64QAM	8	0	15.07	15.07	15.06	16.9	3
3	64QAM	8	4	15.05	15.07	15.06		
3	64QAM	8	7	15.02	15.01	15.02		
3	64QAM	15	0	15.11	15.16	15.06		
3	256QAM	1	0	13.00	13.10	13.05	14.9	5
3	256QAM	1	8	12.94	12.91	13.01		
3	256QAM	1	14	13.07	13.03	12.96		
3	256QAM	8	0	13.09	13.06	13.12	14.9	5
3	256QAM	8	4	12.94	12.98	13.02		
3	256QAM	8	7	13.03	13.02	13.06		
3	256QAM	15	0	12.98	12.93	13.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.92	18.02	17.98	19.9	0
1.4	QPSK	1	3	17.91	17.94	17.92		
1.4	QPSK	1	5	17.93	17.92	17.91		
1.4	QPSK	3	0	17.92	17.92	17.93		
1.4	QPSK	3	1	17.92	17.95	17.93		
1.4	QPSK	3	3	17.90	17.96	17.92		
1.4	QPSK	6	0	17.11	17.13	17.05	18.9	1
1.4	16QAM	1	0	17.08	17.08	16.97	18.9	1
1.4	16QAM	1	3	17.06	17.15	17.11		
1.4	16QAM	1	5	17.01	17.12	17.04		
1.4	16QAM	3	0	17.16	17.07	17.10		
1.4	16QAM	3	1	16.91	17.03	17.02		
1.4	16QAM	3	3	16.94	17.12	16.97		
1.4	16QAM	6	0	15.98	16.10	15.98	17.9	2
1.4	64QAM	1	0	16.05	16.15	16.10	17.9	2
1.4	64QAM	1	3	16.00	15.99	15.92		
1.4	64QAM	1	5	15.92	16.04	15.97		
1.4	64QAM	3	0	16.02	15.99	16.09		
1.4	64QAM	3	1	15.91	16.03	15.92		
1.4	64QAM	3	3	15.96	16.02	15.92		
1.4	64QAM	6	0	15.06	15.12	15.07	16.9	3
1.4	256QAM	1	0	12.95	13.03	13.02	14.9	5
1.4	256QAM	1	3	12.95	12.92	12.99		
1.4	256QAM	1	5	13.09	12.97	13.01		
1.4	256QAM	3	0	13.05	13.04	13.06		
1.4	256QAM	3	1	12.92	12.93	13.01		
1.4	256QAM	3	3	13.00	12.94	12.99		
1.4	256QAM	6	0	12.95	12.94	12.96	14.9	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.59	22.53	24	0
10	QPSK	1	25	22.44	22.51	22.39		
10	QPSK	1	49	22.45	22.56	22.48		
10	QPSK	25	0	21.46	21.52	21.40	23	1
10	QPSK	25	12	21.36	21.48	21.36		
10	QPSK	25	25	21.35	21.46	21.35		
10	QPSK	50	0	21.44	21.50	21.39		
10	16QAM	1	0	21.50	21.64	21.51	23	1
10	16QAM	1	25	21.52	21.56	21.50		
10	16QAM	1	49

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.91	22.94	22.86	24	0
10	QPSK	1	25	22.80	22.86	22.81		
10	QPSK	1	49	22.78	22.81	22.76		
10	QPSK	25	0	21.71	21.81	21.70	23	1
10	QPSK	25	12	21.73	21.78	21.69		
10	QPSK	25	25	21.64	21.74	21.62		
10	QPSK	50	0	21.73	21.83	21.82		
10	16QAM	1	0	21.82	21.94	21.86	23	1
10	16QAM	1	25	21.75	21.84	21.75		
10	16QAM	1	49	21.69	21.82	21.74		
10	16QAM	25	0	20.70	20.84	20.76	22	2
10	16QAM	25	12	20.67	20.81	20.76		
10	16QAM	25	25	20.59	20.72	20.60		
10	16QAM	50	0	20.77	20.85	20.79	22	2
10	64QAM	1	0	20.86	20.98	20.89		
10	64QAM	1	25	20.74	20.86	20.71		
10	64QAM	1	49	20.64	20.77	20.72		
10	64QAM	25	0	19.77	19.87	19.75	21	3
10	64QAM	25	12	19.73	19.81	19.73		
10	64QAM	25	25	19.61	19.74	19.68		
10	64QAM	50	0	19.81	19.88	19.84		
10	256QAM	1	0	17.99	17.92	17.98	19	5
10	256QAM	1	25	17.84	17.81	17.90		
10	256QAM	1	49	17.95	17.89	17.97		
10	256QAM	25	0	17.97	17.95	17.96	19	5
10	256QAM	25	12	17.87	17.90	17.88		
10	256QAM	25	25	17.91	17.94	17.90		
10	256QAM	50	0	17.85	17.89	17.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.82	22.78	24	0
5	QPSK	1	12	22.72	22.77	22.69		
5	QPSK	1	24	22.65	22.74	22.66		
5	QPSK	12	0	21.58	21.66	21.63	23	1
5	QPSK	12	7	21.66	21.70	21.54		
5	QPSK	12	13	21.56	21.69	21.59		
5	QPSK	25	0	21.62	21.72	21.66		
5	16QAM	1	0	21.77	21.81	21.77	23	1
5	16QAM	1	12	21.67	21.70	21.64		
5	16QAM	1	24	21.55	21.70	21.63		
5	16QAM	12	0	20.56	20.79	20.71	22	2
5	16QAM	12	7	20.56	20.73	20.72		
5	16QAM	12	13	20.52	20.68	20.56		
5	16QAM	25	0	20.69	20.79	20.67		
5	64QAM	1	0	20.80	20.88	20.80	22	2
5	64QAM	1	12	20.62	20.73	20.57		
5	64QAM	1	24	20.50	20.67	20.57		
5	64QAM	12	0	19.63	19.83	19.64	21	3
5	64QAM	12	7	19.64	19.72	19.60		
5	64QAM	12	13	19.54	19.61	19.55		
5	64QAM	25	0	19.77	19.76	19.79		
5	256QAM	1	0	17.90	18.01	17.95	19	5
5	256QAM	1	12	17.90	17.86	17.85		
5	256QAM	1	24	17.92	17.89	17.94		
5	256QAM	12	0	17.98	17.93	17.98	19	5
5	256QAM	12	7	17.91	17.84	17.86		
5	256QAM	12	13	17.95	17.91	17.88		
5	256QAM	25	0	17.89	17.83	17.81		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.84	22.79	24	0
3	QPSK	1	8	22.67	22.79	22.70		
3	QPSK	1	14	22.66	22.68	22.71		
3	QPSK	8	0	21.68	21.68	21.58	23	1
3	QPSK	8	4	21.65	21.68	21.54		
3	QPSK	8	7	21.60	21.66	21.57		
3	QPSK	15	0	21.64	21.77	21.69		
3	16QAM	1	0	21.71	21.90	21.76	23	1
3	16QAM	1	8	21.62	21.78	21.60		
3	16QAM	1	14	21.65	21.69	21.63		
3	16QAM	8	0	20.66	20.79	20.62	22	2
3	16QAM	8	4	20.52	20.75	20.66		
3	16QAM	8	7	20.45	20.64	20.47		
3	16QAM	15	0	20.72	20.71	20.75		
3	64QAM	1	0	20.74	20.92	20.80	22	2
3	64QAM	1	8	20.60	20.80	20.60		
3	64QAM	1	14	20.58	20.74	20.61		
3	64QAM	8	0	19.62	19.77	19.67	21	3
3	64QAM	8	4	19.60	19.68	19.61		
3	64QAM	8	7	19.52	19.63	19.55		
3	64QAM	15	0	19.66	19.77	19.72		
3	256QAM	1	0	17.91	18.02	17.99	19	5
3	256QAM	1	8	17.91	17.85	17.83		
3	256QAM	1	14	17.90	17.85	17.94		
3	256QAM	8	0	18.00	17.89	17.95	19	5
3	256QAM	8	4	17.85	17.90	17.85		
3	256QAM	8	7	17.88	17.93	17.96		
3	256QAM	15	0	17.84	17.81	17.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.85	22.80	22.72	24	0
1.4	QPSK	1	3	22.66	22.77	22.77		
1.4	QPSK	1	5	22.68	22.71	22.65		
1.4	QPSK	3	0	22.67	22.70	22.61		
1.4	QPSK	3	1	22.67	22.67	22.54		
1.4	QPSK	3	3	22.54	22.68	22.54		
1.4	QPSK	6	0	21.59	21.73	21.70	23	1
1.4	16QAM	1	0	21.68	21.88	21.82	23	1
1.4	16QAM	1	3	21.67	21.75	21.67		
1.4	16QAM	1	5	21.59	21.72	21.71		
1.4	16QAM	3	0	21.64	21.70	21.72		
1.4	16QAM	3	1	21.63	21.72	21.69		
1.4	16QAM	3	3	21.54	21.67	21.57		
1.4	16QAM	6	0	20.71	20.81	20.65	22	2
1.4	64QAM	1	0	20.80	20.94	20.78	22	2
1.4	64QAM	1	3	20.63	20.71	20.68		
1.4	64QAM	1	5	20.54	20.69	20.60		
1.4	64QAM	3	0	20.63	20.81	20.70		
1.4	64QAM	3	1	20.70	20.70	20.62		
1.4	64QAM	3	3	20.47	20.69	20.57		
1.4	64QAM	6	0	19.70	19.78	19.77	21	3
1.4	256QAM	1	0	17.93	17.93	17.98	19	5
1.4	256QAM	1	3	17.90	17.90	17.88		
1.4	256QAM	1	5	17.93	17.87	17.96		
1.4	256QAM	3	0	17.95	17.93	17.89		
1.4	256QAM	3	1	17.89	17.88	17.86		
1.4	256QAM	3	3	17.88	17.96	17.95		
1.4	256QAM	6	0	17.86	17.91	17.84	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.92		24	0
10	QPSK	1	25		22.81			
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.78		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.74			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.57		22	2
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.72			
10	64QAM	1	49		20.69			
10	64QAM	25	0		19.70		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.60			
10	256QAM	1	0		18.00		19	5
10	256QAM	1	25		17.88			
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.92			
10	256QAM	25	25		17.98			
10	256QAM	50	0		17.86			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.79	22.79	22.73	24	0
5	QPSK	1	12	22.62	22.67	22.57		
5	QPSK	1	24	22.63	22.73	22.62		
5	QPSK	12	0	21.70	21.70	21.64	23	1
5	QPSK	12	7	21.42	21.48	21.55		
5	QPSK	12	13	21.55	21.67	21.59		
5	QPSK	25	0	21.56	21.56	21.60		
5	16QAM	1	0	21.64	21.71	21.65	23	1
5	16QAM	1	12	21.64	21.68	21.59		
5	16QAM	1	24	21.57	21.61	21.48		
5	16QAM	12	0	20.52	20.62	20.42	22	2
5	16QAM	12	7	20.34	20.54	20.43		
5	16QAM	12	13	20.33	20.51	20.36		
5	16QAM	25	0	20.42	20.49	20.44		
5	64QAM	1	0	20.78	20.84	20.72	22	2
5	64QAM	1	12	20.61	20.59	20.52		
5	64QAM	1	24	20.55	20.65	20.44		
5	64QAM	12	0	19.59	19.67	19.46	21	3
5	64QAM	12	7	19.32	19.43	19.31		
5	64QAM	12	13	19.53	19.53	19.39		
5	64QAM	25	0	19.37	19.55	19.40		
5	256QAM	1	0	18.02	17.95	17.98	19	5
5	256QAM	1	12	17.90	17.92	17.81		
5	256QAM	1	24	17.86	17.93	17.94		
5	256QAM	12	0	17.99	17.90	17.88	19	5
5	256QAM	12	7	17.84	17.89	17.87		
5	256QAM	12	13	17.94	17.87	17.88		
5	256QAM	25	0	17.82	17.82	17.85		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.10	18.18	18.06	19.9	0
20	QPSK	1	49	18.04	18.14	18.03		
20	QPSK	1	99	18.00	18.12	18.02		
20	QPSK	50	0	17.29	17.42	17.26	18.9	1
20	QPSK	50	24	17.23	17.28	17.20		
20	QPSK	50	50	17.28	17.35	17.23		
20	QPSK	100	0	17.25	17.37	17.24		
20	16QAM	1	0	17.25	17.30	17.15	18.9	1
20	16QAM	1	49	17.29	17.35	17.32		
20	16QAM	1	99	17.25	17.39	17.27		
20	16QAM	50	0	16.32	16.31	16.29	17.9	2
20	16QAM	50	24	16.14	16.26	16.21		
20	16QAM	50	50	16.16	16.33	16.22		
20	16QAM	100	0	16.22	16.31	16.23		
20	64QAM	1	0	16.29	16.37	16.28	17.9	2
20	64QAM	1	49	16.18	16.24	16.13		
20	64QAM	1	99	16.17	16.27	16.23		
20	64QAM	50	0	15.24	15.27	15.27	16.9	3
20	64QAM	50	24	15.14	15.24	15.07		
20	64QAM	50	50	15.13	15.18	15.12		
20	64QAM	100	0	15.28	15.35	15.22		
20	256QAM	1	0	13.20	13.29	13.22	14.9	5
20	256QAM	1	49	13.13	13.12	13.22		
20	256QAM	1	99	13.23	13.23	13.17		
20	256QAM	50	0	13.29	13.26	13.26	14.9	5
20	256QAM	50	24	13.10	13.13	13.20		
20	256QAM	50	50	13.23	13.20	13.20		
20	256QAM	100	0	13.15	13.14	13.14		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.04	18.09	18.13	19.9	0
15	QPSK	1	37	18.01	18.05	18.02		
15	QPSK	1	74	18.11	18.06	18.09		
15	QPSK	36	0	17.26	17.39	17.22	18.9	1
15	QPSK	36	20	17.20	17.22	17.14		
15	QPSK	36	39	17.24	17.26	17.20		
15	QPSK	75	0	17.15	17.33	17.19		
15	16QAM	1	0	17.20	17.24	17.12	18.9	1
15	16QAM	1	37	17.25	17.31	17.23		
15	16QAM	1	74	17.23	17.35	17.25		
15	16QAM	36	0	16.25	16.22	16.25	17.9	2
15	16QAM	36	20	16.08	16.19	16.11		
15	16QAM	36	39	16.12	16.23	16.18		
15	16QAM	75	0	16.19	16.27	16.21		
15	64QAM	1	0	16.22	16.32	16.23	17.9	2
15	64QAM	1	37	16.08	16.20	16.08		
15	64QAM	1	74	16.11	16.22	16.18		
15	64QAM	36	0	15.17	15.18	15.21	16.9	3
15	64QAM	36	20	15.05	15.18	15.03		
15	64QAM	36	39	15.08	15.12	15.09		
15	64QAM	75	0	15.23	15.32	15.16		
15	256QAM	1	0	13.13	13.20	13.19	14.9	5
15	256QAM	1	37	13.09	13.10	13.17		
15	256QAM	1	74	13.16	13.20	13.10		
15	256QAM	36	0	13.19	13.17	13.23	14.9	5
15	256QAM	36	20	13.04	13.03	13.18		
15	256QAM	36	39	13.15	13.10	13.11		
15	256QAM	75	0	13.09	13.05	13.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.04	18.16	18.01	19.9	0
10	QPSK	1	25	18.12	18.04	18.11		
10	QPSK	1	49	18.03	18.06	18.07		
10	QPSK	25	0	17.24	17.36	17.16	18.9	1
10	QPSK	25	12	17.20	17.22	17.12		
10	QPSK	25	25	17.22	17.26	17.17		
10	QPSK	50	0	17.17	17.29	17.17		
10	16QAM	1	0	17.19	17.25	17.12	18.9	1
10	16QAM	1	25	17.22	17.27	17.27		
10	16QAM	1	49	17.22	17.36	17.23		
10	16QAM	25	0	16.26	16.29	16.24	17.9	2
10	16QAM	25	12	16.09	16.17	16.14		
10	16QAM	25	25	16.11	16.23	16.13		
10	16QAM	50	0	16.15	16.24	16.13		
10	64QAM	1	0	16.22	16.30	16.18	17.9	2
10	64QAM	1	25	16.15	16.16	16.04		
10	64QAM	1	49	16.15	16.19	16.20		
10	64QAM	25	0	15.18	15.22	15.20	16.9	3
10	64QAM	25	12	15.11	15.15	15.00		
10	64QAM	25	25	15.05	15.09	15.08		
10	64QAM	50	0	15.19	15.30	15.15	14.9	5
10	256QAM	1	0	13.17	13.20	13.17		
10	256QAM	1	25	13.06	13.08	13.13		
10	256QAM	1	49	13.13	13.17	13.12	14.9	5
10	256QAM	25	0	13.20	13.20	13.20		
10	256QAM	25	12	13.02	13.11	13.13		
10	256QAM	25	25	13.13	13.17	13.15		
10	256QAM	50	0	13.06	13.12	13.06		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.08	18.15	18.02	19.9	0
5	QPSK	1	12	18.07	18.08	18.04		
5	QPSK	1	24	18.02	18.07	18.09		
5	QPSK	12	0	17.22	17.33	17.23	18.9	1
5	QPSK	12	7	17.19	17.19	17.13		
5	QPSK	12	13	17.21	17.29	17.17		
5	QPSK	25	0	17.16	17.33	17.17		
5	16QAM	1	0	17.22	17.24	17.12	18.9	1
5	16QAM	1	12	17.26	17.30	17.27		
5	16QAM	1	24	17.16	17.35	17.23		
5	16QAM	12	0	16.29	16.23	16.23	17.9	2
5	16QAM	12	7	16.10	16.22	16.12		
5	16QAM	12	13	16.07	16.26	16.15		
5	16QAM	25	0	16.15	16.24	16.20		
5	64QAM	1	0	16.20	16.33	16.24	17.9	2
5	64QAM	1	12	16.08	16.17	16.08		
5	64QAM	1	24	16.14	16.21	16.21		
5	64QAM	12	0	15.18	15.23	15.24	16.9	3
5	64QAM	12	7	15.07	15.17	15.02		
5	64QAM	12	13	15.05	15.11	15.09		
5	64QAM	25	0	15.22	15.28	15.15		
5	256QAM	1	0	13.16	13.25	13.20	14.9	5
5	256QAM	1	12	13.06	13.05	13.17		
5	256QAM	1	24	13.18	13.17	13.08		
5	256QAM	12	0	13.19	13.17	13.21	14.9	5
5	256QAM	12	7	13.02	13.11	13.10		
5	256QAM	12	13	13.14	13.11	13.13		
5	256QAM	25	0	13.07	13.12	13.10		
Channel				131982	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.02	18.14	18.09	19.9	0
3	QPSK	1	8	18.10	18.09	18.01		
3	QPSK	1	14	18.03	18.10	18.04		
3	QPSK	8	0	17.25	17.38	17.20	18.9	1
3	QPSK	8	4	17.13	17.23	17.17		
3	QPSK	8	7	17.26	17.25	17.18		
3	QPSK	15	0	17.22	17.31	17.16		
3	16QAM	1	0	17.16	17.23	17.12	18.9	1
3	16QAM	1	8	17.23	17.25	17.25		
3	16QAM	1	14	17.22	17.36	17.22		
3	16QAM	8	0	16.29	16.25	16.20	17.9	2
3	16QAM	8	4	16.08	16.23	16.16		
3	16QAM	8	7	16.12	16.30	16.12		
3	16QAM	15	0	16.20	16.21	16.21		
3	64QAM	1	0	16.21	16.28	16.24	17.9	2
3	64QAM	1	8	16.11	16.16	16.05		
3	64QAM	1	14	16.15	16.23	16.21		
3	64QAM	8	0	15.21	15.20	15.24	16.9	3
3	64QAM	8	4	15.10	15.15	15.08		
3	64QAM	8	7	15.10	15.13	15.04		
3	64QAM	15	0	15.25	15.29	15.15		
3	256QAM	1	0	13.15	13.22	13.16	14.9	5
3	256QAM	1	8	13.08	13.09	13.15		
3	256QAM	1	14	13.14	13.19	13.12		
3	256QAM	8	0	13.24	13.20	13.19	14.9	5
3	256QAM	8	4	13.05	13.04	13.11		
3	256QAM	8	7	13.15	13.18	13.11		
3	256QAM	15	0	13.10	13.06	13.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.02	18.15	18.03	19.9	0
1.4	QPSK	1	3	18.04	18.07	18.06		
1.4	QPSK	1	5	18.11	18.03	18.02		
1.4	QPSK	3	0	18.05	18.10	18.05		
1.4	QPSK	3	1	18.07	18.01	18.06		
1.4	QPSK	3	3	18.04	18.05	18.03		
1.4	QPSK	6	0	17.23	17.26	17.17	18.9	1
1.4	16QAM	1	0	17.19	17.26	17.10	18.9	1
1.4	16QAM	1	3	17.23	17.32	17.27		
1.4	16QAM	1	5	17.16	17.31	17.18		
1.4	16QAM	3	0	17.30	17.25	17.22		
1.4	16QAM	3	1	17.08	17.19	17.14		
1.4	16QAM	3	3	17.11	17.28	17.12		
1.4	16QAM	6	0	16.15	16.21	16.14	17.9	2
1.4	64QAM	1	0	16.23	16.33	16.26	17.9	2
1.4	64QAM	1	3	16.12	16.17	16.04		
1.4	64QAM	1	5	16.09	16.17	16.15		
1.4	64QAM	3	0	16.17	16.17	16.24		
1.4	64QAM	3	1	16.09	16.15	16.04		
1.4	64QAM	3	3	16.10	16.15	16.02		
1.4	64QAM	6	0	15.22	15.29	15.19	16.9	3
1.4	256QAM	1	0	13.11	13.21	13.14	14.9	5
1.4	256QAM	1	3	13.07	13.07	13.16		
1.4	256QAM	1	5	13.20	13.13	13.13		
1.4	256QAM	3	0	13.21	13.18	13.18		
1.4	256QAM	3	1	13.04	13.09	13.18		
1.4	256QAM	3	3	13.17	13.13	13.17		
1.4	256QAM	6	0	13.12	13.06	13.11	14.9	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.88	19.90	19.59	19.78	21	0
20	QPSK	1	49	19.83	19.80	19.74	19.71		
20	QPSK	1	99	19.68	19.74	19.65	19.61		
20	QPSK	50	0	18.84	18.85	18.67	18.73	20	1
20	QPSK	50	24	18.73	18.73	18.69	18.65		
20	QPSK	50	50	18.64	18.72	18.68	18.57		
20	QPSK	100	0	18.67	18.71	18.61	18.65		
20	16QAM	1	0	18.83	18.96	18.86	18.91	20	1
20	16QAM	1	49	18.84	18.83	18.76	18.70		
20	16QAM	1	99	18.62	18.77	18.63	18.66		
20	16QAM	50	0	17.81	17.85	17.82	17.79	19	2
20	16QAM	50	24	17.68	17.77	17.63	17.63		
20	16QAM	50	50	17.75	17.80	17.70	17.66		
20	16QAM	100	0	17.60	17.67	17.65	17.67		
20	64QAM	1	0	17.86	17.87	17.81	17.80	19	2
20	64QAM	1	49	17.77	17.79	17.76	17.74		
20	64QAM	1	99	17.61	17.71	17.67	17.66		
20	64QAM	50	0	16.71	16.81	16.72	16.76	18	3
20	64QAM	50	24	16.70	16.80	16.73	16.73		
20	64QAM	50	50	16.63	16.81	16.67	16.72		
20	64QAM	100	0	16.59	16.69	16.67	16.56		
20	256QAM	1	0	14.93	14.80	14.88	14.90	16	5
20	256QAM	1	49	14.81	14.75	14.82	14.83		
20	256QAM	1	99	14.87	14.87	14.86	14.85		
20	256QAM	50	0	14.89	14.96	14.89	14.89	16	5
20	256QAM	50	24	14.84	14.91	14.81	14.83		
20	256QAM	50	50	14.85	14.83	14.92	14.93		
20	256QAM	100	0	14.81	14.83	14.83	14.80		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.76	19.82	19.47	19.69	21	0
15	QPSK	1	37	19.75	19.70	19.60	19.58		
15	QPSK	1	74	19.58	19.62	19.53	19.51		
15	QPSK	36	0	18.72	18.71	18.53	18.65	20	1
15	QPSK	36	20	18.63	18.66	18.57	18.57		
15	QPSK	36	39	18.51	18.65	18.56	18.48		
15	QPSK	75	0	18.56	18.61	18.50	18.51		
15	16QAM	1	0	18.70	18.84	18.76	18.77	20	1
15	16QAM	1	37	18.75	18.73	18.66	18.61		
15	16QAM	1	74	18.49	18.65	18.55	18.56		
15	16QAM	36	0	17.70	17.77	17.70	17.72	19	2
15	16QAM	36	20	17.58	17.66	17.55	17.53		
15	16QAM	36	39	17.68	17.72	17.56	17.55		
15	16QAM	75	0	17.53	17.55	17.53	17.55		
15	64QAM	1	0	17.78	17.75	17.70	17.67	19	2
15	64QAM	1	37	17.68	17.70	17.68	17.63		
15	64QAM	1	74	17.47	17.64	17.55	17.58		
15	64QAM	36	0	16.58	16.72	16.62	16.65	18	3
15	64QAM	36	20	16.61	16.66	16.66	16.62		
15	64QAM	36	39	16.52	16.74	16.55	16.60		
15	64QAM	75	0	16.50	16.62	16.58	16.48		
15	256QAM	1	0	14.83	14.72	14.77	14.77	16	5
15	256QAM	1	37	14.68	14.64	14.69	14.74		
15	256QAM	1	74	14.77	14.74	14.76	14.72		
15	256QAM	36	0	14.77	14.82	14.79	14.75	16	5
15	256QAM	36	20	14.73	14.77	14.69	14.73		
15	256QAM	36	39	14.78	14.71	14.77	14.86		
15	256QAM	75	0	14.69	14.71	14.75	14.66		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.76	19.82	19.48	19.69	21	0
10	QPSK	1	25	19.69	19.68	19.65	19.61		
10	QPSK	1	49	19.59	19.62	19.50	19.50		
10	QPSK	25	0	18.77	18.77	18.56	18.65	20	1
10	QPSK	25	12	18.62	18.63	18.55	18.51		
10	QPSK	25	25	18.50	18.57	18.59	18.44		
10	QPSK	50	0	18.53	18.64	18.54	18.56		
10	16QAM	1	0	18.71	18.88	18.77	18.78	20	1
10	16QAM	1	25	18.73	18.74	18.61	18.61		
10	16QAM	1	49	18.53	18.63	18.50	18.54		
10	16QAM	25	0	17.73	17.72	17.69	17.72	19	2
10	16QAM	25	12	17.56	17.66	17.51	17.55		
10	16QAM	25	25	17.65	17.66	17.57	17.59		
10	16QAM	50	0	17.46	17.56	17.57	17.55		
10	64QAM	1	0	17.74	17.74	17.72	17.66	19	2
10	64QAM	1	25	17.64	17.66	17.63	17.61		
10	64QAM	1	49	17.49	17.64	17.57	17.59		
10	64QAM	25	0	16.59	16.71	16.58	16.66	18	3
10	64QAM	25	12	16.62	16.70	16.59	16.63		
10	64QAM	25	25	16.56	16.70	16.58	16.57		
10	64QAM	50	0	16.48	16.60	16.56	16.41		
10	256QAM	1	0	14.85	14.67	14.75	14.80	16	5
10	256QAM	1	25	14.73	14.64	14.75	14.69		
10	256QAM	1	49	14.78	14.74	14.78	14.74		
10	256QAM	25	0	14.75	14.88	14.81	14.77	16	5
10	256QAM	25	12	14.69	14.82	14.66	14.71		
10	256QAM	25	25	14.75	14.74	14.78	14.82		
10	256QAM	50	0	14.74	14.74	14.76	14.72		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.74	19.82	19.49	19.66	21	0
5	QPSK	1	12	19.75	19.73	19.64	19.56		
5	QPSK	1	24	19.61	19.60	19.55	19.47		
5	QPSK	12	0	18.71	18.75	18.55	18.64	20	1
5	QPSK	12	7	18.66	18.58	18.54	18.57		
5	QPSK	12	13	18.56	18.65	18.59	18.44		
5	QPSK	25	0	18.59	18.57	18.48	18.56		
5	16QAM	1	0	18.74	18.87	18.78	18.81	20	1
5	16QAM	1	12	18.76	18.71	18.62	18.62		
5	16QAM	1	24	18.53	18.68	18.53	18.54		
5	16QAM	12	0	17.70	17.71	17.73	17.68	19	2
5	16QAM	12	7	17.57	17.63	17.49	17.50		
5	16QAM	12	13	17.65	17.72	17.59	17.54		
5	16QAM	25	0	17.51	17.56	17.52	17.60		
5	64QAM	1	0	17.78	17.74	17.67	17.67	19	2
5	64QAM	1	12	17.63	17.70	17.65	17.63		
5	64QAM	1	24	17.49	17.61	17.60	17.56		
5	64QAM	12	0	16.61	16.72	16.63	16.66	18	3
5	64QAM	12	7	16.59	16.70	16.60	16.60		
5	64QAM	12	13	16.51	16.68	16.53	16.57		
5	64QAM	25	0	16.47	16.59	16.58	16.46		
5	256QAM	1	0	14.84	14.68	14.76	14.75	16	5
5	256QAM	1	12	14.69	14.61	14.73	14.74		
5	256QAM	1	24	14.75	14.78	14.77	14.77		
5	256QAM	12	0	14.75	14.84	14.76	14.79	16	5
5	256QAM	12	7	14.73	14.83	14.69	14.73		
5	256QAM	12	13	14.74	14.75	14.77	14.81		
5	256QAM	25	0	14.70	14.69	14.70	14.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.89	19.99	19.86	19.96	21	0
20	QPSK	1	49	19.78	19.91	19.94	19.85		
20	QPSK	1	99	19.84	19.83	19.85	19.72		
20	QPSK	50	0	18.93	19.04	18.93	18.89	20	1
20	QPSK	50	24	18.96	19.01	18.84	18.90		
20	QPSK	50	50	18.92	18.95	18.96	18.91		
20	QPSK	100	0	18.90	19.01	18.96	18.97		
20	16QAM	1	0	19.09	19.13	19.04	19.05	20	1
20	16QAM	1	49	18.91	19.03	19.05	18.90		
20	16QAM	1	99	18.92	19.01	18.92	18.90		
20	16QAM	50	0	17.94	18.06	18.00	18.05	19	2
20	16QAM	50	24	18.02	18.04	18.07	18.04		
20	16QAM	50	50	17.90	18.01	17.99	17.98		
20	16QAM	100	0	17.89	18.06	18.02	18.04		
20	64QAM	1	0	17.98	18.08	17.92	17.98	19	2
20	64QAM	1	49	18.01	18.04	17.96	17.93		
20	64QAM	1	99	17.87	17.92	17.91	17.84		
20	64QAM	50	0	16.96	17.05	16.93	17.01	18	3
20	64QAM	50	24	16.95	17.08	17.01	17.05		
20	64QAM	50	50	16.90	16.95	16.84	16.95		
20	64QAM	100	0	17.00	17.13	16.96	17.00		
20	256QAM	1	0	14.84	14.87	14.87	14.86	16	5
20	256QAM	1	49	14.75	14.76	14.72	14.80		
20	256QAM	1	99	14.78	14.83	14.79	14.77		
20	256QAM	50	0	14.84	14.81	14.81	14.87	16	5
20	256QAM	50	24	14.77	14.78	14.81	14.81		
20	256QAM	50	50	14.80	14.77	14.75	14.77		
20	256QAM	100	0	14.70	14.73	14.82	14.79		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.81	19.85	19.73	19.87	21	0
15	QPSK	1	37	19.66	19.83	19.83	19.71		
15	QPSK	1	74	19.75	19.72	19.71	19.81		
15	QPSK	36	0	18.86	18.93	18.84	18.78	20	1
15	QPSK	36	20	18.83	18.88	18.73	18.78		
15	QPSK	36	39	18.83	18.81	18.83	18.79		
15	QPSK	75	0	18.77	18.89	18.87	18.86		
15	16QAM	1	0	18.96	19.00	18.91	18.90	20	1
15	16QAM	1	37	18.80	18.92	18.94	18.79		
15	16QAM	1	74	18.84	18.90	18.84	18.80		
15	16QAM	36	0	17.84	17.92	17.93	17.91	19	2
15	16QAM	36	20	17.91	17.96	17.95	17.94		
15	16QAM	36	39	17.81	17.93	17.86	17.83		
15	16QAM	75	0	17.76	17.93	17.90	17.97		
15	64QAM	1	0	17.84	17.99	17.85	17.89	19	2
15	64QAM	1	37	17.89	17.97	17.84	17.79		
15	64QAM	1	74	17.72	17.84	17.78	17.73		
15	64QAM	36	0	16.87	16.97	16.80	16.86	18	3
15	64QAM	36	20	16.80	16.96	16.87	16.93		
15	64QAM	36	39	16.82	16.81	16.74	16.80		
15	64QAM	75	0	16.89	17.01	16.88	16.89		
15	256QAM	1	0	14.77	14.77	14.80	14.72	16	5
15	256QAM	1	37	14.66	14.63	14.58	14.73		
15	256QAM	1	74	14.68	14.74	14.66	14.67		
15	256QAM	36	0	14.72	14.70	14.67	14.74	16	5
15	256QAM	36	20	14.66	14.68	14.73	14.68		
15	256QAM	36	39	14.69	14.63	14.62	14.63		
15	256QAM	75	0	14.58	14.66	14.71	14.65		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.80	19.89	19.77	19.86	21	0
10	QPSK	1	25	19.66	19.76	19.86	19.76		
10	QPSK	1	49	19.73	19.74	19.77	19.79		
10	QPSK	25	0	18.85	18.93	18.80	18.78	20	1
10	QPSK	25	12	18.88	18.94	18.75	18.78		
10	QPSK	25	25	18.79	18.80	18.83	18.83		
10	QPSK	50	0	18.78	18.92	18.87	18.88		
10	16QAM	1	0	18.98	18.98	18.93	18.92	20	1
10	16QAM	1	25	18.79	18.89	18.91	18.80		
10	16QAM	1	49	18.78	18.93	18.78	18.79		
10	16QAM	25	0	17.83	17.95	17.87	17.93	19	2
10	16QAM	25	12	17.92	17.96	17.97	17.96		
10	16QAM	25	25	17.80	17.91	17.85	17.88		
10	16QAM	50	0	17.81	17.96	17.91	17.91		
10	64QAM	1	0	17.84	17.97	17.80	17.84	19	2
10	64QAM	1	25	17.88	17.89	17.83	17.79		
10	64QAM	1	49	17.77	17.79	17.82	17.76		
10	64QAM	25	0	16.84	16.97	16.78	16.89	18	3
10	64QAM	25	12	16.83	16.97	16.93	16.95		
10	64QAM	25	25	16.76	16.88	16.70	16.86		
10	64QAM	50	0	16.87	17.01	16.87	16.91		
10	256QAM	1	0	14.74	14.74	14.77	14.76	16	5
10	256QAM	1	25	14.67	14.68	14.64	14.69		
10	256QAM	1	49	14.66	14.75	14.66	14.64		
10	256QAM	25	0	14.77	14.71	14.72	14.75	16	5
10	256QAM	25	12	14.68	14.70	14.71	14.66		
10	256QAM	25	25	14.67	14.66	14.62	14.66		
10	256QAM	50	0	14.58	14.65	14.67	14.66		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.77	19.90	19.72	19.88	21	0
5	QPSK	1	12	19.68	19.81	19.79	19.72		
5	QPSK	1	24	19.74	19.73	19.75	19.70		
5	QPSK	12	0	18.85	18.92	18.80	18.80	20	1
5	QPSK	12	7	18.83	18.89	18.74	18.76		
5	QPSK	12	13	18.83	18.88	18.88	18.81		
5	QPSK	25	0	18.76	18.87	18.88	18.88		
5	16QAM	1	0	18.94	19.05	18.92	18.96	20	1
5	16QAM	1	12	18.77	18.90	18.92	18.76		
5	16QAM	1	24	18.81	18.90	18.83	18.75		
5	16QAM	12	0	17.80	17.94	17.86	17.96	19	2
5	16QAM	12	7	17.95	17.94	17.97	17.97		
5	16QAM	12	13	17.77	17.91	17.91	17.84		
5	16QAM	25	0	17.76	17.93	17.94	17.97		
5	64QAM	1	0	17.85	17.97	17.82	17.85	19	2
5	64QAM	1	12	17.88	17.94	17.89	17.81		
5	64QAM	1	24	17.79	17.78	17.81	17.72		
5	64QAM	12	0	16.81	16.96	16.86	16.92	18	3
5	64QAM	12	7	16.82	16.96	16.91	16.92		
5	64QAM	12	13	16.82	16.87	16.74	16.80		
5	64QAM	25	0	16.88	17.04	16.85	16.89		
5	256QAM	1	0	14.72	14.78	14.76	14.72	16	5
5	256QAM	1	12	14.65	14.64	14.62	14.70		
5	256QAM	1	24	14.63	14.70	14.67	14.65		
5	256QAM	12	0	14.69	14.67	14.73	14.75	16	5
5	256QAM	12	7	14.62	14.68	14.66	14.68		
5	256QAM	12	13	14.72	14.70	14.64	14.63		
5	256QAM	25	0	14.62	14.66	14.72	14.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.84	21.92	21.82	21.76	23.3	0
20	QPSK	1	49	21.78	21.90	21.85	21.71		
20	QPSK	1	99	21.77	21.83	21.69	21.75		
20	QPSK	50	0	20.88	20.97	20.85	20.83	22.3	1
20	QPSK	50	24	20.76	20.88	20.78	20.72		
20	QPSK	50	50	20.77	20.86	20.73	20.67		
20	QPSK	100	0	20.87	20.94	20.88	20.82		
20	16QAM	1	0	20.95	21.06	21.03	20.95	22.3	1
20	16QAM	1	49	20.82	20.92	20.86	20.77		
20	16QAM	1	99	20.86	20.94	20.81	20.77		
20	16QAM	50	0	19.93	20.05	19.92	19.92	21.3	2
20	16QAM	50	24	19.94	20.03	19.91	19.86		
20	16QAM	50	50	19.94	19.97	19.91	19.80		
20	16QAM	100	0	20.03	20.07	19.99	19.89		
20	64QAM	1	0	19.82	19.94	19.80	19.78	21.3	2
20	64QAM	1	49	19.86	19.92	19.83	19.77		
20	64QAM	1	99	19.76	19.81	19.73	19.67		
20	64QAM	50	0	19.00	19.04	18.92	18.85	20.3	3
20	64QAM	50	24	18.82	18.88	18.78	18.74		
20	64QAM	50	50	18.92	19.00	18.96	18.91		
20	64QAM	100	0	19.06	19.11	18.98	19.01		
20	256QAM	1	0	16.95	16.84	16.92	16.90	18.3	5
20	256QAM	1	49	16.80	16.67	16.82	16.85		
20	256QAM	1	99	16.83	16.72	16.78	16.87		
20	256QAM	50	0	16.94	16.83	16.82	16.85	18.3	5
20	256QAM	50	24	16.78	16.68	16.82	16.85		
20	256QAM	50	50	16.90	16.71	16.78	16.92		
20	256QAM	100	0	16.85	16.75	16.76	16.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.71	21.81	21.79	21.69	23.3	0
15	QPSK	1	37	21.66	21.78	21.81	21.64		
15	QPSK	1	74	21.68	21.75	21.58	21.64		
15	QPSK	36	0	20.74	20.91	20.77	20.75	22.3	1
15	QPSK	36	20	20.69	20.78	20.68	20.61		
15	QPSK	36	39	20.67	20.77	20.66	20.54		
15	QPSK	75	0	20.83	20.84	20.80	20.74		
15	16QAM	1	0	20.86	20.92	20.95	20.89	22.3	1
15	16QAM	1	37	20.74	20.80	20.74	20.66		
15	16QAM	1	74	20.83	20.83	20.70	20.63		
15	16QAM	36	0	19.88	19.93	19.85	19.79	21.3	2
15	16QAM	36	20	19.87	19.89	19.81	19.81		
15	16QAM	36	39	19.88	19.91	19.80	19.65		
15	16QAM	75	0	19.99	20.00	19.90	19.76		
15	64QAM	1	0	19.77	19.86	19.73	19.68	21.3	2
15	64QAM	1	37	19.76	19.85	19.75	19.71		
15	64QAM	1	74	19.64	19.69	19.65	19.54		
15	64QAM	36	0	18.89	19.00	18.85	18.70	20.3	3
15	64QAM	36	20	18.71	18.79	18.74	18.61		
15	64QAM	36	39	18.80	18.88	18.91	18.80		
15	64QAM	75	0	19.01	18.98	18.89	18.91		
15	256QAM	1	0	16.86	16.85	16.84	16.89	18.3	5
15	256QAM	1	37	16.78	16.71	16.71	16.85		
15	256QAM	1	74	16.80	16.73	16.79	16.84		
15	256QAM	36	0	16.94	16.74	16.87	16.87	18.3	5
15	256QAM	36	20	16.86	16.71	16.76	16.80		
15	256QAM	36	39	16.91	16.76	16.87	16.89		
15	256QAM	75	0	16.85	16.68	16.71	16.77		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.75	21.88	21.78	21.71	23.3	0
10	QPSK	1	25	21.71	21.79	21.73	21.62		
10	QPSK	1	49	21.73	21.79	21.56	21.63		
10	QPSK	25	0	20.76	20.83	20.73	20.73	22.3	1
10	QPSK	25	12	20.73	20.75	20.70	20.60		
10	QPSK	25	25	20.65	20.72	20.61	20.52		
10	QPSK	50	0	20.80	20.79	20.73	20.78		
10	16QAM	1	0	20.80	20.98	20.99	20.84	22.3	1
10	16QAM	1	25	20.70	20.80	20.73	20.70		
10	16QAM	1	49	20.80	20.80	20.66	20.68		
10	16QAM	25	0	19.81	19.91	19.79	19.78	21.3	2
10	16QAM	25	12	19.91	19.92	19.82	19.82		
10	16QAM	25	25	19.87	19.91	19.81	19.68		
10	16QAM	50	0	19.98	19.97	19.95	19.84		
10	64QAM	1	0	19.70	19.85	19.73	19.74	21.3	2
10	64QAM	1	25	19.76	19.78	19.70	19.67		
10	64QAM	1	49	19.70	19.69	19.66	19.54		
10	64QAM	25	0	18.94	18.92	18.81	18.76	20.3	3
10	64QAM	25	12	18.69	18.75	18.71	18.66		
10	64QAM	25	25	18.84	18.94	18.91	18.83		
10	64QAM	50	0	18.93	18.96	18.89	18.94		
10	256QAM	1	0	16.90	16.81	16.87	16.95	18.3	5
10	256QAM	1	25	16.80	16.66	16.78	16.75		
10	256QAM	1	49	16.91	16.72	16.86	16.83		
10	256QAM	25	0	16.86	16.81	16.86	16.91	18.3	5
10	256QAM	25	12	16.87	16.77	16.83	16.83		
10	256QAM	25	25	16.83	16.82	16.77	16.93		
10	256QAM	50	0	16.82	16.65	16.73	16.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.79	21.83	21.79	21.66	23.3	0
5	QPSK	1	12	21.72	21.83	21.72	21.61		
5	QPSK	1	24	21.71	21.69	21.55	21.65		
5	QPSK	12	0	20.81	20.82	20.76	20.69	22.3	1
5	QPSK	12	7	20.67	20.81	20.69	20.69		
5	QPSK	12	13	20.70	20.72	20.66	20.56		
5	QPSK	25	0	20.79	20.90	20.80	20.70		
5	16QAM	1	0	20.89	21.01	20.99	20.91	22.3	1
5	16QAM	1	12	20.71	20.79	20.81	20.67		
5	16QAM	1	24	20.72	20.79	20.77	20.70		
5	16QAM	12	0	19.83	19.99	19.87	19.79	21.3	2
5	16QAM	12	7	19.82	19.99	19.85	19.77		
5	16QAM	12	13	19.82	19.91	19.79	19.71		
5	16QAM	25	0	19.89	19.95	19.87	19.75		
5	64QAM	1	0	19.73	19.82	19.77	19.64	21.3	2
5	64QAM	1	12	19.77	19.88	19.79	19.71		
5	64QAM	1	24	19.64	19.72	19.68	19.61		
5	64QAM	12	0	18.93	18.92	18.79	18.81	20.3	3
5	64QAM	12	7	18.69	18.81	18.73	18.66		
5	64QAM	12	13	18.78	18.95	18.81	18.83		
5	64QAM	25	0	18.92	19.06	18.85	18.95		
5	256QAM	1	0	16.90	16.82	16.88	16.93	18.3	5
5	256QAM	1	12	16.86	16.68	16.73	16.82		
5	256QAM	1	24	16.89	16.82	16.83	16.85		
5	256QAM	12	0	16.90	16.75	16.88	16.89	18.3	5
5	256QAM	12	7	16.82	16.70	16.75	16.80		
5	256QAM	12	13	16.93	16.76	16.88	16.85		
5	256QAM	25	0	16.78	16.71	16.78	16.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.13	17.34	17.28	17.28	18.2	0
20	QPSK	1	49	17.09	17.26	17.25	17.26		
20	QPSK	1	99	17.14	17.21	17.18	17.08		
20	QPSK	50	0	16.35	16.43	16.26	16.37	17.2	1
20	QPSK	50	24	16.19	16.36	16.28	16.27		
20	QPSK	50	50	16.20	16.19	16.21	16.21		
20	QPSK	100	0	16.13	16.29	16.17	16.18		
20	16QAM	1	0	16.39	16.42	16.41	16.39	17.2	1
20	16QAM	1	49	16.25	16.34	16.35	16.35		
20	16QAM	1	99	16.16	16.30	16.26	16.20		
20	16QAM	50	0	15.21	15.27	15.12	15.18	16.2	2
20	16QAM	50	24	15.11	15.18	15.06	15.14		
20	16QAM	50	50	15.20	15.26	15.09	15.22		
20	16QAM	100	0	15.19	15.33	15.23	15.18		
20	64QAM	1	0	15.28	15.37	15.26	15.33	16.2	2
20	64QAM	1	49	15.30	15.37	15.28	15.34		
20	64QAM	1	99	15.15	15.34	15.24	15.20		
20	64QAM	50	0	14.33	14.37	14.21	14.31	15.2	3
20	64QAM	50	24	14.21	14.30	14.15	14.30		
20	64QAM	50	50	14.27	14.37	14.33	14.27		
20	64QAM	100	0	14.04	14.13	14.07	14.00		
20	256QAM	1	0	11.99	11.92	12.00	12.07	13.2	5
20	256QAM	1	49	11.90	11.83	11.79	11.95		
20	256QAM	1	99	11.97	11.92	11.90	12.05		
20	256QAM	50	0	12.03	11.86	11.90	11.98	13.2	5
20	256QAM	50	24	11.97	11.78	11.86	11.98		
20	256QAM	50	50	12.01	11.83	11.95	12.01		
20	256QAM	100	0	11.84	11.76	11.81	11.87		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.01	17.26	17.13	17.13	18.2	0
15	QPSK	1	37	16.96	17.14	17.13	17.17		
15	QPSK	1	74	17.00	17.10	17.09	17.01		
15	QPSK	36	0	16.28	16.32	16.16	16.25	17.2	1
15	QPSK	36	20	16.08	16.28	16.15	16.16		
15	QPSK	36	39	16.06	16.10	16.13	16.14		
15	QPSK	75	0	16.03	16.19	16.06	16.11		
15	16QAM	1	0	16.30	16.30	16.32	16.26	17.2	1
15	16QAM	1	37	16.17	16.21	16.21	16.26		
15	16QAM	1	74	16.09	16.21	16.15	16.10		
15	16QAM	36	0	15.09	15.17	15.05	15.05	16.2	2
15	16QAM	36	20	15.00	15.07	14.95	15.02		
15	16QAM	36	39	15.07	15.12	14.97	15.14		
15	16QAM	75	0	15.06	15.19	15.12	15.09		
15	64QAM	1	0	15.17	15.22	15.19	15.24	16.2	2
15	64QAM	1	37	15.16	15.28	15.14	15.26		
15	64QAM	1	74	15.03	15.25	15.17	15.12		
15	64QAM	36	0	14.22	14.25	14.11	14.19	15.2	3
15	64QAM	36	20	14.13	14.17	14.07	14.22		
15	64QAM	36	39	14.13	14.30	14.23	14.13		
15	64QAM	75	0	13.96	14.01	13.93	13.86		
15	256QAM	1	0	11.90	11.81	11.86	11.95	13.2	5
15	256QAM	1	37	11.79	11.76	11.69	11.84		
15	256QAM	1	74	11.83	11.83	11.79	11.93		
15	256QAM	36	0	11.95	11.76	11.83	11.85	13.2	5
15	256QAM	36	20	11.82	11.65	11.77	11.90		
15	256QAM	36	39	11.86	11.73	11.88	11.93		
15	256QAM	75	0	11.73	11.64	11.71	11.76		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.01	17.24	17.14	17.17	18.2	0
10	QPSK	1	25	16.97	17.13	17.14	17.13		
10	QPSK	1	49	17.01	17.11	17.08	16.96		
10	QPSK	25	0	16.26	16.33	16.19	16.27	17.2	1
10	QPSK	25	12	16.12	16.28	16.14	16.19		
10	QPSK	25	25	16.10	16.06	16.12	16.11		
10	QPSK	50	0	16.03	16.21	16.06	16.04		
10	16QAM	1	0	16.25	16.31	16.33	16.28	17.2	1
10	16QAM	1	25	16.16	16.20	16.27	16.24		
10	16QAM	1	49	16.04	16.19	16.13	16.08		
10	16QAM	25	0	15.08	15.16	15.01	15.10	16.2	2
10	16QAM	25	12	15.00	15.10	14.96	15.06		
10	16QAM	25	25	15.07	15.17	14.97	15.10		
10	16QAM	50	0	15.11	15.26	15.09	15.09		
10	64QAM	1	0	15.19	15.22	15.16	15.26	16.2	2
10	64QAM	1	25	15.16	15.30	15.14	15.25		
10	64QAM	1	49	15.05	15.26	15.17	15.09		
10	64QAM	25	0	14.23	14.30	14.12	14.20	15.2	3
10	64QAM	25	12	14.13	14.21	14.00	14.21		
10	64QAM	25	25	14.18	14.22	14.21	14.16		
10	64QAM	50	0	13.92	14.05	13.93	13.91		
10	256QAM	1	0	11.89	11.78	11.90	11.96	13.2	5
10	256QAM	1	25	11.79	11.69	11.66	11.83		
10	256QAM	1	49	11.82	11.79	11.76	11.92		
10	256QAM	25	0	11.88	11.76	11.81	11.86	13.2	5
10	256QAM	25	12	11.89	11.70	11.72	11.85		
10	256QAM	25	25	11.92	11.74	11.83	11.90		
10	256QAM	50	0	11.70	11.62	11.74	11.72		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.00	17.23	17.15	17.13	18.2	0
5	QPSK	1	12	16.99	17.14	17.14	17.15		
5	QPSK	1	24	17.06	17.10	17.03	16.95		
5	QPSK	12	0	16.24	16.33	16.14	16.26	17.2	1
5	QPSK	12	7	16.08	16.22	16.20	16.18		
5	QPSK	12	13	16.09	16.10	16.11	16.08		
5	QPSK	25	0	15.98	16.14	16.08	16.09		
5	16QAM	1	0	16.27	16.33	16.27	16.24	17.2	1
5	16QAM	1	12	16.15	16.22	16.22	16.27		
5	16QAM	1	24	16.06	16.16	16.16	16.13		
5	16QAM	12	0	15.13	15.14	14.99	15.05	16.2	2
5	16QAM	12	7	14.97	15.07	14.92	15.02		
5	16QAM	12	13	15.12	15.14	14.94	15.13		
5	16QAM	25	0	15.09	15.23	15.13	15.06		
5	64QAM	1	0	15.19	15.29	15.14	15.24	16.2	2
5	64QAM	1	12	15.20	15.27	15.19	15.22		
5	64QAM	1	24	15.05	15.24	15.13	15.06		
5	64QAM	12	0	14.22	14.24	14.13	14.24	15.2	3
5	64QAM	12	7	14.13	14.20	14.04	14.16		
5	64QAM	12	13	14.19	14.24	14.24	14.19		
5	64QAM	25	0	13.90	14.02	13.99	13.91		
5	256QAM	1	0	11.85	11.82	11.93	11.99	13.2	5
5	256QAM	1	12	11.77	11.69	11.68	11.83		
5	256QAM	1	24	11.87	11.84	11.78	11.94		
5	256QAM	12	0	11.96	11.74	11.75	11.89	13.2	5
5	256QAM	12	7	11.87	11.64	11.74	11.91		
5	256QAM	12	13	11.93	11.76	11.85	11.89		
5	256QAM	25	0	11.75	11.62	11.73	11.73		

Reduced Power Level for WWAN

ECI7

GSM850 ECI3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.67	31.86	31.75	32.80	22.67	22.86	22.75	23.80
GPRS 1 Tx slot	31.55	31.72	31.55	32.80	22.55	22.72	22.55	23.80
GPRS 2 Tx slots	30.94	31.10	30.97	31.80	24.94	25.10	24.97	25.80
GPRS 3 Tx slots	28.88	29.01	28.89	30.30	24.62	24.75	24.63	26.04
GPRS 4 Tx slots	27.70	27.76	27.71	29.30	24.70	24.76	24.71	26.30
EDGE 1 Tx slot	25.84	25.96	25.78	27.30	16.84	16.96	16.78	18.30
EDGE 2 Tx slots	24.55	24.64	24.59	26.30	18.55	18.64	18.59	20.30
EDGE 3 Tx slots	22.10	22.15	22.06	23.80	17.84	17.89	17.80	19.54
EDGE 4 Tx slots	21.04	21.13	21.03	22.80	18.04	18.13	18.03	19.80

GSM1900 ECI7

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	21.96	21.85	21.93	23.50	12.96	12.85	12.93	14.50
GPRS 1 Tx slot	21.92	21.81	21.89	23.50	12.92	12.81	12.89	14.50
GPRS 2 Tx slots	21.09	21.05	21.07	22.50	15.09	15.05	15.07	16.50
GPRS 3 Tx slots	20.04	20.05	19.98	21.50	15.78	15.79	15.72	17.24
GPRS 4 Tx slots	18.81	18.95	18.92	20.50	15.81	15.95	15.92	17.50
EDGE 1 Tx slot	18.88	18.89	19.10	19.50	9.88	9.89	10.10	10.50
EDGE 2 Tx slots	17.61	17.51	17.84	18.50	11.61	11.51	11.84	12.50
EDGE 3 Tx slots	15.21	15.26	15.53	16.50	10.95	11.00	11.27	12.24
EDGE 4 Tx slots	14.13	14.05	14.25	15.50	11.13	11.05	11.25	12.50

		WCDMA II ECI7				WCDMA V ECI7			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	11.75	11.84	11.67	13.30	20.97	21.22	21.16	22.30
3GPP Rel 99	RMC 12.2Kbps	11.90	11.97	11.89	13.30	21.23	21.34	21.27	22.30
3GPP Rel 6	HSDPA Subtest-1	11.10	11.02	10.99	12.30	20.44	20.42	20.35	21.30
3GPP Rel 6	HSDPA Subtest-2	11.23	11.10	11.04	12.30	20.40	20.54	20.32	21.30
3GPP Rel 6	HSDPA Subtest-3	10.79	10.58	10.51	11.80	20.20	19.93	20.02	20.80
3GPP Rel 6	HSDPA Subtest-4	10.74	10.62	10.59	11.80	20.07	20.06	19.93	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	11.02	11.09	10.93	12.30	20.39	20.45	20.31	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	10.91	11.19	10.94	12.30	20.26	20.61	20.42	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	10.56	10.61	10.39	11.80	19.85	19.97	19.84	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	10.38	10.75	10.64	11.80	19.72	20.19	20.06	20.80
3GPP Rel 6	HSUPA Subtest-1	11.10	10.96	11.10	12.30	20.57	20.42	20.48	21.30
3GPP Rel 6	HSUPA Subtest-2	9.12	9.18	9.01	10.30	18.59	18.57	18.36	19.30
3GPP Rel 6	HSUPA Subtest-3	10.18	10.15	10.04	11.30	19.47	19.53	19.36	20.30
3GPP Rel 6	HSUPA Subtest-4	9.19	9.19	8.98	10.30	18.53	18.55	18.40	19.30
3GPP Rel 6	HSUPA Subtest-5	11.18	11.24	11.01	12.30	20.60	20.61	20.50	21.30

Band 2 Ant0 ECI7

BW [MHz]	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	13.88	13.92	13.90	15.3	0
20	QPSK	1	49	13.70	13.83	13.68		
20	QPSK	1	99	13.73	13.86	13.70		
20	QPSK	50	0	13.03	13.15	12.97		
20	QPSK	50	24	13.08	13.06	12.93	14.3	1
20	QPSK	50	50	13.00	13.07	12.96		
20	QPSK	100	0	13.02	13.06	12.87		
20	16QAM	1	0	12.95	12.97	12.87		
20	16QAM	1	49	12.83	12.93	12.77	14.3	1
20	16QAM	1	99	12.80	12.96	12.93		
20	16QAM	50	0	11.86	12.00	11.88		
20	16QAM	50	24	11.75	11.83	11.65	13.3	2
20	16QAM	50	50	11.79	11.94	11.80		
20	16QAM	100	0	11.92	12.05	12.02		
20	64QAM	1	0	11.92	12.06	11.98		
20	64QAM	1	49	11.78	11.91	11.96	13.3	2
20	64QAM	1	99	11.86	11.93	11.80		
20	64QAM	50	0	10.91	10.96	10.80		
20	64QAM	50	24	10.80	10.82	10.72	12.3	3
20	64QAM	50	50	10.74	10.90	10.83		
20	64QAM	100	0	10.90	11.04	10.94		
20	256QAM	1	0	8.85	8.85	8.96		
20	256QAM	1	49	8.79	8.81	8.73	10.3	5
20	256QAM	1	99	8.86	8.89	8.85		
20	256QAM	50	0	8.78	8.88	8.91		
20	256QAM	50	24	8.82	8.72	8.81	10.3	5
20	256QAM	50	50	8.84	8.79	8.82		
20	256QAM	100	0	8.68	8.77	8.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.77	13.80	13.87	15.3	0
15	QPSK	1	37	13.57	13.73	13.56		
15	QPSK	1	74	13.59	13.72	13.63		
15	QPSK	36	0	12.90	13.10	12.83		
15	QPSK	36	20	13.03	13.02	12.83	14.3	1
15	QPSK	36	39	12.94	13.00	12.90		
15	QPSK	75	0	12.87	12.92	12.83		
15	16QAM	1	0	12.87	12.89	12.84		
15	16QAM	1	37	12.79	12.89	12.71	14.3	1
15	16QAM	1	74	12.76	12.87	12.86		
15	16QAM	36	0	11.76	11.94	11.84		
15	16QAM	36	20	11.71	11.79	11.61	13.3	2
15	16QAM	36	39	11.64	11.81	11.76		
15	16QAM	75	0	11.84	12.02	11.90		
15	64QAM	1	0	11.85	12.01	11.92		
15	64QAM	1	37	11.68	11.87	11.88	13.3	2
15	64QAM	1	74	11.78	11.85	11.77		
15	64QAM	36	0	10.83	10.84	10.74		
15	64QAM	36	20	10.75	10.71	10.63	12.3	3
15	64QAM	36	39	10.61	10.81	10.74		
15	64QAM	75	0	10.86	10.97	10.88		
15	256QAM	1	0	8.74	8.75	8.81		
15	256QAM	1	37	8.71	8.76	8.66	10.3	5
15	256QAM	1	74	8.79	8.81	8.79		
15	256QAM	36	0	8.71	8.80	8.78		
15	256QAM	36	20	8.76	8.64	8.77	10.3	5
15	256QAM	36	39	8.69	8.74	8.76		
15	256QAM	75	0	8.60	8.69	8.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.74	13.86	13.76	15.3	0
10	QPSK	1	25	13.59	13.73	13.56		
10	QPSK	1	49	13.65	13.75	13.58		
10	QPSK	25	0	12.94	13.07	12.88		
10	QPSK	25	12	12.99	12.95	12.82	14.3	1
10	QPSK	25	25	12.90	12.99	12.86		
10	QPSK	50	0	12.90	13.02	12.77		
10	16QAM	1	0	12.86	12.91	12.77		
10	16QAM	1	25	12.76	12.83	12.67	14.3	1
10	16QAM	1	49	12.76	12.86	12.87		
10	16QAM	25	0	11.72	11.85	11.82		
10	16QAM	25	12	11.61	11.79	11.52	13.3	2
10	16QAM	25	25	11.72	11.89	11.65		
10	16QAM	50	0	11.85	12.00	11.94		
10	64QAM	1	0	11.85	11.99	11.87		
10	64QAM	1	25	11.75	11.86	11.91	13.3	2
10	64QAM	1	49	11.77	11.79	11.68		
10	64QAM	25	0	10.86	10.91	10.74		
10	64QAM	25	12	10.74	10.72	10.60	12.3	3
10	64QAM	25	25	10.64	10.79	10.69		
10	64QAM	50	0	10.77	10.99	10.87		
10	256QAM	1	0	8.71	8.82	8.86		
10	256QAM	1	25	8.66	8.69	8.59	10.3	5
10	256QAM	1	49	8.72	8.77	8.78		
10	256QAM	25	0	8.67	8.82	8.80		
10	256QAM	25	12	8.76	8.68	8.67	10.3	5
10	256QAM	25	25	8.80	8.70	8.76		
10	256QAM	50	0	8.63	8.73	8.66		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.78	13.81	13.81	15.3	0
5	QPSK	1	12	13.56	13.79	13.59		
5	QPSK	1	24	13.63	13.71	13.63		
5	QPSK	12	0	12.95	13.03	12.92	14.3	1
5	QPSK	12	7	13.01	13.00	12.80		
5	QPSK	12	13	12.95	13.01	12.86		
5	QPSK	25	0	12.88	12.91	12.81		
5	16QAM	1	0	12.87	12.85	12.82		
5	16QAM	1	12	12.79	12.79	12.63	14.3	1
5	16QAM	1	24	12.76	12.93	12.82		
5	16QAM	12	0	11.82	11.95	11.85	13.3	2
5	16QAM	12	7	11.60	11.73	11.50		
5	16QAM	12	13	11.73	11.86	11.67		
5	16QAM	25	0	11.84	11.90	11.97		
5	64QAM	1	0	11.81	11.91	11.85	13.3	2
5	64QAM	1	12	11.66	11.86	11.91		
5	64QAM	1	24	11.73	11.88	11.75		
5	64QAM	12	0	10.78	10.93	10.74	12.3	3
5	64QAM	12	7	10.74	10.79	10.67		
5	64QAM	12	13	10.70	10.85	10.78		
5	64QAM	25	0	10.86	10.92	10.87		
5	256QAM	1	0	8.76	8.77	8.90		
5	256QAM	1	12	8.76	8.67	8.60	10.3	5
5	256QAM	1	24	8.81	8.81	8.77		
5	256QAM	12	0	8.73	8.73	8.76		
5	256QAM	12	7	8.77	8.67	8.73	10.3	5
5	256QAM	12	13	8.80	8.69	8.77		
5	256QAM	25	0	8.53	8.66	8.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.84	13.81	13.78	15.3	0
3	QPSK	1	8	13.60	13.77	13.55		
3	QPSK	1	14	13.68	13.72	13.66		
3	QPSK	8	0	12.89	13.08	12.90	14.3	1
3	QPSK	8	4	12.98	12.97	12.88		
3	QPSK	8	7	12.93	13.02	12.90		
3	QPSK	15	0	12.89	12.91	12.75		
3	16QAM	1	0	12.83	12.82	12.79	14.3	1
3	16QAM	1	8	12.77	12.82	12.66		
3	16QAM	1	14	12.73	12.92	12.79		
3	16QAM	8	0	11.76	11.93	11.80	13.3	2
3	16QAM	8	4	11.62	11.75	11.52		
3	16QAM	8	7	11.75	11.88	11.66		
3	16QAM	15	0	11.85	11.94	11.93		
3	64QAM	1	0	11.88	11.93	11.94	13.3	2
3	64QAM	1	8	11.68	11.78	11.91		
3	64QAM	1	14	11.80	11.85	11.71		
3	64QAM	8	0	10.78	10.84	10.69	12.3	3
3	64QAM	8	4	10.70	10.76	10.61		
3	64QAM	8	7	10.71	10.86	10.75		
3	64QAM	15	0	10.80	10.91	10.88		
3	256QAM	1	0	8.70	8.79	8.88		
3	256QAM	1	8	8.66	8.70	8.59	10.3	5
3	256QAM	1	14	8.76	8.79	8.77		
3	256QAM	8	0	8.72	8.78	8.77		
3	256QAM	8	4	8.75	8.69	8.76	10.3	5
3	256QAM	8	7	8.77	8.65	8.74		
3	256QAM	15	0	8.63	8.63	8.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.77	13.86	13.80	15.3	0
1.4	QPSK	1	3	13.61	13.72	13.57		
1.4	QPSK	1	5	13.62	13.83	13.56		
1.4	QPSK	3	0	13.74	13.86	13.71		
1.4	QPSK	3	1	13.77	13.82	13.59		
1.4	QPSK	3	3	13.77	13.75	13.71		
1.4	QPSK	6	0	12.89	13.03	12.73	14.3	1
1.4	16QAM	1	0	12.90	12.85	12.73	14.3	1
1.4	16QAM	1	3	12.75	12.82	12.64		
1.4	16QAM	1	5	12.71	12.82	12.83		
1.4	16QAM	3	0	12.66	12.76	12.64		
1.4	16QAM	3	1	12.59	12.67	12.44		
1.4	16QAM	3	3	12.64	12.80	12.60		
1.4	16QAM	6	0	11.82	11.97	11.98	13.3	2
1.4	64QAM	1	0	11.86	11.99	11.91	13.3	2
1.4	64QAM	1	3	11.64	11.81	11.81		
1.4	64QAM	1	5	11.74	11.87	11.73		
1.4	64QAM	3	0	11.68	11.74	11.55		
1.4	64QAM	3	1	11.58	11.61	11.58		
1.4	64QAM	3	3	11.52	11.68	11.67		
1.4	64QAM	6	0	10.81	10.99	10.82	12.3	3
1.4	256QAM	1	0	8.74	8.81	8.82	10.3	5
1.4	256QAM	1	3	8.75	8.74	8.63		
1.4	256QAM	1	5	8.80	8.78	8.80		
1.4	256QAM	3	0	8.68	8.81	8.79		
1.4	256QAM	3	1	8.76	8.60	8.73		
1.4	256QAM	3	3	8.76	8.72	8.75		
1.4	256QAM	6	0	8.55	8.64	8.71	10.3	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.46	16.74	16.60	17.3	0
20	QPSK	1	49	16.51	16.56	16.51		
20	QPSK	1	99	16.32	16.49	16.39		
20	QPSK	50	0	15.81	15.82	15.73		
20	QPSK	50	24	15.75	15.78	15.76	16.3	1
20	QPSK	50	50	15.59	15.80	15.66		
20	QPSK	100	0	15.72	15.80	15.78		
20	16QAM	1	0	15.64	15.82	15.70		
20	16QAM	1	49	15.41	15.61	15.52	16.3	1
20	16QAM	1	99	15.48	15.70	15.51		
20	16QAM	50	0	14.67	14.75	14.62		
20	16QAM	50	24	14.66	14.78	14.60	15.3	2
20	16QAM	50	50	14.64	14.77	14.60		
20	16QAM	100	0	14.71	14.80	14.65		
20	64QAM	1	0	14.62	14.84	14.63		
20	64QAM	1	49	14.45	14.62	14.48	15.3	2
20	64QAM	1	99	14.61	14.74	14.67		
20	64QAM	50	0	13.75	13.86	13.71		
20	64QAM	50	24	13.79	13.80	13.86	14.3	3
20	64QAM	50	50	13.73	13.77	13.71		
20	64QAM	100	0	13.71	13.89	13.71		
20	256QAM	1	0	11.79	11.87	11.77		
20	256QAM	1	49	11.68	11.66	11.78	12.3	5
20	256QAM	1	99	11.74	11.72	11.84		
20	256QAM	50	0	11.73	11.77	11.77		
20	256QAM	50	24	11.82	11.73	11.69	12.3	5
20	256QAM	50	50	11.77	11.82	11.75		
20	256QAM	100	0	11.77	11.79	11.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.42	16.66	16.47	17.3	0
15	QPSK	1	37	16.41	16.45	16.38		
15	QPSK	1	74	16.25	16.46	16.35		
15	QPSK	36	0	15.73	15.73	15.66		
15	QPSK	36	20	15.62	15.71	15.73	16.3	1
15	QPSK	36	39	15.55	15.74	15.57		
15	QPSK	75	0	15.65	15.76	15.77		
15	16QAM	1	0	15.61	15.72	15.61		
15	16QAM	1	37	15.34	15.54	15.46	16.3	1
15	16QAM	1	74	15.38	15.64	15.55		
15	16QAM	36	0	14.58	14.67	14.59		
15	16QAM	36	20	14.62	14.71	14.50	15.3	2
15	16QAM	36	39	14.57	14.70	14.57		
15	16QAM	75	0	14.62	14.68	14.58		
15	64QAM	1	0	14.55	14.78	14.57		
15	64QAM	1	37	14.39	14.51	14.40	15.3	2
15	64QAM	1	74	14.60	14.65	14.56		
15	64QAM	36	0	13.68	13.80	13.61		
15	64QAM	36	20	13.68	13.82	13.73	14.3	3
15	64QAM	36	39	13.65	13.66	13.63		
15	64QAM	75	0	13.68	13.81	13.64		
15	256QAM	1	0	11.74	11.79	11.72		
15	256QAM	1	37	11.63	11.58	11.68	12.3	5
15	256QAM	1	74	11.64	11.71	11.73		
15	256QAM	36	0	11.72	11.70	11.72		
15	256QAM	36	20	11.74	11.67	11.61	12.3	5
15	256QAM	36	39	11.72	11.73	11.68		
15	256QAM	75	0	11.71	11.67	11.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.36	16.62	16.47	17.3	0
10	QPSK	1	25	16.38	16.49	16.42		
10	QPSK	1	49	16.21	16.43	16.30		
10	QPSK	25	0	15.74	15.73	15.70		
10	QPSK	25	12	15.64	15.77	15.75	16.3	1
10	QPSK	25	25	15.56	15.78	15.59		
10	QPSK	50	0	15.65	15.79	15.72		
10	16QAM	1	0	15.64	15.80	15.63		
10	16QAM	1	25	15.37	15.54	15.44	16.3	1
10	16QAM	1	49	15.57	15.46	15.67		
10	16QAM	25	0	14.55	14.73	14.55		
10	16QAM	25	12	14.60	14.73	14.56	15.3	2
10	16QAM	25	25	14.58	14.67	14.54		
10	16QAM	50	0	14.61	14.65	14.63		
10	64QAM	1	0	14.54	14.80	14.58		
10	64QAM	1	25	14.45	14.57	14.35	15.3	2
10	64QAM	1	49	14.53	14.63	14.56		
10	64QAM	25	0	13.67	13.82	13.61		
10	64QAM	25	12	13.70	13.81	13.79	14.3	3
10	64QAM	25	25	13.69	13.71	13.64		
10	64QAM	50	0	13.63	13.82	13.66		
10	256QAM	1	0	11.73	11.82	11.76		
10	256QAM	1	25	11.65	11.55	11.66	12.3	5
10	256QAM	1	49	11.64	11.65	11.78		
10	256QAM	25	0	11.72	11.66	11.75		
10	256QAM	25	12	11.73	11.61	11.61	12.3	5
10	256QAM	25	25	11.71	11.78	11.68		
10	256QAM	50	0	11.69	11.71	11.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.38	16.62	16.50	17.3	0
5	QPSK	1	12	16.42	16.45	16.41		
5	QPSK	1	24	16.23	16.47	16.30		
5	QPSK	12	0	15.74	15.79	15.69	16.3	1
5	QPSK	12	7	15.67	15.72	15.71		
5	QPSK	12	13	15.53	15.77	15.60		
5	QPSK	25	0	15.65	15.79	15.78		
5	16QAM	1	0	15.62	15.74	15.62		
5	16QAM	1	12	15.35	15.55	15.44	16.3	1
5	16QAM	1	24	15.41	15.57	15.43		
5	16QAM	12	0	14.61	14.71	14.57		
5	16QAM	12	7	14.58	14.68	14.55	15.3	2
5	16QAM	12	13	14.62	14.65	14.59		
5	16QAM	25	0	14.64	14.69	14.60		
5	64QAM	1	0	14.58	14.74	14.60		
5	64QAM	1	12	14.40	14.53	14.35	15.3	2
5	64QAM	1	24	14.59	14.62	14.59		
5	64QAM	12	0	13.71	13.81	13.66		
5	64QAM	12	7	13.68	13.76	13.77	14.3	3
5	64QAM	12	13	13.68	13.73	13.65		
5	64QAM	25	0	13.68	13.77	13.64		
5	256QAM	1	0	11.71	11.75	11.70		
5	256QAM	1	12	11.61	11.62	11.69	12.3	5
5	256QAM	1	24	11.64	11.67	11.78		
5	256QAM	12	0	11.67	11.68	11.73		
5	256QAM	12	7	11.69	11.62	11.57	12.3	5
5	256QAM	12	13	11.69	11.75	11.66		
5	256QAM	25	0	11.72	11.69	11.59		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.41	16.62	16.51	17.3	0
3	QPSK	1	8	16.43	16.51	16.37		
3	QPSK	1	14	16.28	16.43	16.30		
3	QPSK	8	0	15.68	15.79	15.73	16.3	1
3	QPSK	8	4	15.60	15.71	15.74		
3	QPSK	8	7	15.53	15.76	15.59		
3	QPSK	15	0	15.69	15.80	15.75		
3	16QAM	1	0	15.64	15.76	15.62		
3	16QAM	1	8	15.37	15.59	15.43	16.3	1
3	16QAM	1	14	15.35	15.57	15.45		
3	16QAM	8	0	14.63	14.73	14.59		
3	16QAM	8	4	14.56	14.72	14.50	15.3	2
3	16QAM	8	7	14.54	14.65	14.60		
3	16QAM	15	0	14.65	14.71	14.62		
3	64QAM	1	0	14.59	14.74	14.58		
3	64QAM	1	8	14.45	14.57	14.38	15.3	2
3	64QAM	1	14	14.60	14.63	14.56		
3	64QAM	8	0	13.66	13.82	13.60		
3	64QAM	8	4	13.67	13.82	13.80	14.3	3
3	64QAM	8	7	13.69	13.65	13.66		
3	64QAM	15	0	13.66	13.77	13.63		
3	256QAM	1	0	11.70	11.76	11.70		
3	256QAM	1	8	11.62	11.56	11.69	12.3	5
3	256QAM	1	14	11.63	11.68	11.73		
3	256QAM	8	0	11.72	11.65	11.69		
3	256QAM	8	4	11.68	11.64	11.61	12.3	5
3	256QAM	8	7	11.72	11.76	11.63		
3	256QAM	15	0	11.73	11.69	11.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.26	16.46	16.47	17.3	0
1.4	QPSK	1	3	16.35	16.34	16.34		
1.4	QPSK	1	5	16.17	16.37	16.30		
1.4	QPSK	3	0	16.48	16.52	16.37		
1.4	QPSK	3	1	16.40	16.43	16.43		
1.4	QPSK	3	3	16.25	16.40	16.29		
1.4	QPSK	6	0	15.51	15.64	15.66	16.3	1
1.4	16QAM	1	0	15.51	15.68	15.49	16.3	1
1.4	16QAM	1	3	15.26	15.45	15.42		
1.4	16QAM	1	5	15.34	15.51	15.42		
1.4	16QAM	3	0	15.54	15.63	15.48		
1.4	16QAM	3	1	15.45	15.56	15.44		
1.4	16QAM	3	3	15.43	15.66	15.39		
1.4	16QAM	6	0	14.52	14.65	14.43	15.3	2
1.4	64QAM	1	0	14.51	14.69	14.52	15.3	2
1.4	64QAM	1	3	14.39	14.47	14.35		
1.4	64QAM	1	5	14.40	14.56	14.50		
1.4	64QAM	3	0	14.66	14.68	14.56		
1.4	64QAM	3	1	14.55	14.68	14.69		
1.4	64QAM	3	3	14.62	14.59	14.54		
1.4	64QAM	6	0	13.53	13.63	13.58	14.3	3
1.4	256QAM	1	0	11.69	11.62	11.73	12.3	5
1.4	256QAM	1	3	11.56	11.46	11.57		
1.4	256QAM	1	5	11.59	11.67	11.65		
1.4	256QAM	3	0	11.60	11.61	11.64		
1.4	256QAM	3	1	11.64	11.52	11.59		
1.4	256QAM	3	3	11.55	11.61	11.60		
1.4	256QAM	6	0	11.66	11.61	11.56	12.3	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.99	23.12	23.07	24	0
10	QPSK	1	25	22.98	23.07	23.02		
10	QPSK	1	49	22.91	23.02	22.96		
10	QPSK	25	0	21.99	22.05	21.91		
10	QPSK	25	12	21.94	21.99	21.90	23	1
10	QPSK	25	25	21.84	21.94	21.80		
10	QPSK	50	0	21.96	22.04	21.90		
10	16QAM	1	0	22.12	22.20	22.14		
10	16QAM	1	25	22.09	22.16	22.05	23	1
10	16QAM	1	49

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.70	22.77	22.73		
10	QPSK	1	25	22.64	22.68	22.59	24	0
10	QPSK	1	49	22.51	22.63	22.56		
10	QPSK	25	0	21.56	21.66	21.52		
10	QPSK	25	12	21.55	21.63	21.53	23	1
10	QPSK	25	25	21.52	21.60	21.50		
10	QPSK	50	0	21.56	21.66	21.57		
10	16QAM	1	0	21.52	21.66	21.61		
10	16QAM	1	25	21.47	21.53	21.48	23	1
10	16QAM	1	49	21.48	21.57	21.51		
10	16QAM	25	0	20.50	20.59	20.47		
10	16QAM	25	12	20.39	20.51	20.44	22	2
10	16QAM	25	25	20.51	20.57	20.51		
10	16QAM	50	0	20.50	20.54	20.51		
10	64QAM	1	0	20.59	20.69	20.55		
10	64QAM	1	25	20.53	20.57	20.44	22	2
10	64QAM	1	49	20.51	20.60	20.49		
10	64QAM	25	0	19.54	19.58	19.47		
10	64QAM	25	12	19.41	19.52	19.44	21	3
10	64QAM	25	25	19.54	19.58	19.53		
10	64QAM	50	0	19.38	19.51	19.45		
10	256QAM	1	0	17.77	17.85	17.79		
10	256QAM	1	25	17.70	17.69	17.67	19	5
10	256QAM	1	49	17.78	17.70	17.74		
10	256QAM	25	0	17.77	17.81	17.74		
10	256QAM	25	12	17.74	17.78	17.75	19	5
10	256QAM	25	25	17.82	17.78	17.74		
10	256QAM	50	0	17.67	17.76	17.72		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.59	22.71	22.67		
5	QPSK	1	12	22.54	22.60	22.45	24	0
5	QPSK	1	24	22.48	22.53	22.50		
5	QPSK	12	0	21.46	21.62	21.48		
5	QPSK	12	7	21.47	21.57	21.44	23	1
5	QPSK	12	13	21.44	21.48	21.47		
5	QPSK	25	0	21.42	21.54	21.52		
5	16QAM	1	0	21.41	21.58	21.46		
5	16QAM	1	12	21.33	21.41	21.43	23	1
5	16QAM	1	24	21.34	21.49	21.43		
5	16QAM	12	0	20.41	20.46	20.43		
5	16QAM	12	7	20.33	20.43	20.34	22	2
5	16QAM	12	13	20.40	20.48	20.37		
5	16QAM	25	0	20.41	20.42	20.37		
5	64QAM	1	0	20.55	20.65	20.50		
5	64QAM	1	12	20.49	20.46	20.30	22	2
5	64QAM	1	24	20.45	20.57	20.38		
5	64QAM	12	0	19.43	19.52	19.37		
5	64QAM	12	7	19.32	19.37	19.40	21	3
5	64QAM	12	13	19.49	19.49	19.44		
5	64QAM	25	0	19.33	19.38	19.40		
5	256QAM	1	0	17.84	17.82	17.87		
5	256QAM	1	12	17.75	17.76	17.72	19	5
5	256QAM	1	24	17.79	17.77	17.77		
5	256QAM	12	0	17.78	17.76	17.79		
5	256QAM	12	7	17.75	17.79	17.73	19	5
5	256QAM	12	13	17.72	17.71	17.74		
5	256QAM	25	0	17.75	17.73	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.58	22.70	22.63		
3	QPSK	1	8	22.53	22.60	22.52	24	0
3	QPSK	1	14	22.40	22.52	22.48		
3	QPSK	8	0	21.52	21.55	21.47		
3	QPSK	8	4	21.50	21.59	21.44	23	1
3	QPSK	8	7	21.45	21.55	21.44		
3	QPSK	15	0	21.45	21.55	21.43		
3	16QAM	1	0	21.39	21.63	21.51		
3	16QAM	1	8	21.43	21.39	21.41	23	1
3	16QAM	1	14	21.42	21.50	21.42		
3	16QAM	8	0	20.42	20.46	20.39		
3	16QAM	8	4	20.34	20.40	20.38	22	2
3	16QAM	8	7	20.38	20.53	20.45		
3	16QAM	15	0	20.46	20.44	20.41		
3	64QAM	1	0	20.50	20.55	20.43		
3	64QAM	1	8	20.43	20.48	20.32	22	2
3	64QAM	1	14	20.36	20.48	20.42		
3	64QAM	8	0	19.40	19.47	19.32		
3	64QAM	8	4	19.29	19.45	19.30	21	3
3	64QAM	8	7	19.50	19.50	19.50		
3	64QAM	15	0	19.29	19.38	19.41		
3	256QAM	1	0	17.85	17.85	17.83		
3	256QAM	1	8	17.70	17.75	17.72	19	5
3	256QAM	1	14	17.78	17.81	17.70		
3	256QAM	8	0	17.81	17.76	17.82		
3	256QAM	8	4	17.71	17.72	17.76	19	5
3	256QAM	8	7	17.79	17.82	17.83		
3	256QAM	15	0	17.69	17.71	17.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.67	22.67		
1.4	QPSK	1	3	22.60	22.62	22.50		
1.4	QPSK	1	5	22.38	22.57	22.43	24	0
1.4	QPSK	3	0	22.51	22.61	22.42		
1.4	QPSK	3	1	22.48	22.54	22.44		
1.4	QPSK	3	3	22.40	22.51	22.45		
1.4	QPSK	6	0	21.47	21.57	21.45	23	1
1.4	16QAM	1	0	21.46	21.63	21.57		
1.4	16QAM	1	3	21.37	21.43	21.38		
1.4	16QAM	1	5	21.38	21.47	21.37	23	1
1.4	16QAM	3	0	21.43	21.49	21.34		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.40	21.53	21.39		
1.4	16QAM	6	0	20.40	20.43	20.40	22	2
1.4	64QAM	1	0	20.48	20.65	20.51		
1.4	64QAM	1	3	20.46	20.51	20.39		
1.4	64QAM	1	5	20.39	20.54	20.43	22	2
1.4	64QAM	3	0	20.45	20.46	20.35		
1.4	64QAM	3	1	20.37	20.39	20.36		
1.4	64QAM	3	3	20.46	20.55	20.40		
1.4	64QAM	6	0	19.27	19.47	19.33	21	3
1.4	256QAM	1	0	17.85	17.86	17.87		
1.4	256QAM	1	3	17.68	17.73	17.70		
1.4	256QAM	1	5	17.78	17.72	17.81	19	5
1.4	256QAM	3	0	17.74	17.77	17.74		
1.4	256QAM	3	1	17.74	17.68	17.73		
1.4	256QAM	3	3	17.79	17.72	17.77		
1.4	256QAM	6	0	17.76	17.69	17.74	19	5

Band 13 Ant0 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		22.89			
10	QPSK	1	25		22.73		24	0
10	QPSK	1	49		22.71			
10	QPSK	25	0		21.70			
10	QPSK	25	12		21.65		23	1
10	QPSK	25	25		21.62			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.67			
10	16QAM	1	25		21.59		23	1
10	16QAM	1	49		21.54			
10	16QAM	25	0		20.56			
10	16QAM	25	12		20.49		22	2
10	16QAM	25	25		20.42			
10	16QAM	50	0		20.55			
10	64QAM	1	0		20.69			
10	64QAM	1	25		20.64		22	2
10	64QAM	1	49		20.52			
10	64QAM	25	0		19.52			
10	64QAM	25	12		19.53		21	3
10	64QAM	25	25		19.41			
10	64QAM	50	0		19.50			
10	256QAM	1	0		17.90			
10	256QAM	1	25		17.87		19	5
10	256QAM	1	49		17.82			
10	256QAM	25	0		17.92			
10	256QAM	25	12		17.78		19	5
10	256QAM	25	25		17.84			
10	256QAM	50	0		17.77			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.74	22.70		
5	QPSK	1	12	22.65	22.59	22.61	24	0
5	QPSK	1	24	22.48	22.62	22.50		
5	QPSK	12	0	21.49	21.59	21.50		
5	QPSK	12	7	21.38	21.58	21.52	23	1
5	QPSK	12	13	21.48	21.58	21.46		
5	QPSK	25	0	21.47	21.54	21.47		
5	16QAM	1	0	21.47	21.62	21.41		
5	16QAM	1	12	21.42	21.50	21.32	23	1
5	16QAM	1	24	21.42	21.47	21.34		
5	16QAM	12	0	20.34	20.44	20.41		
5	16QAM	12	7	20.37	20.44	20.26	22	2
5	16QAM	12	13	20.21	20.28	20.26		
5	16QAM	25	0	20.40	20.51	20.36		
5	64QAM	1	0	20.44	20.62	20.42		
5	64QAM	1	12	20.44	20.50	20.47	22	2
5	64QAM	1	24	20.33	20.44	20.40		
5	64QAM	12	0	19.33	19.46	19.31		
5	64QAM	12	7	19.34	19.48	19.34	21	3
5	64QAM	12	13	19.24	19.27	19.26		
5	64QAM	25	0	19.28	19.38	19.35		
5	256QAM	1	0	17.90	17.85	17.96		
5	256QAM	1	12	17.86	17.87	17.78	19	5
5	256QAM	1	24	17.85	17.81	17.82		
5	256QAM	12	0	17.88	17.92	17.84		
5	256QAM	12	7	17.78	17.88	17.80	19	5
5	256QAM	12	13	17.89	17.84	17.86		
5	256QAM	25	0	17.85	17.85	17.84		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.63	16.88	16.75		
20	QPSK	1	49	16.66	16.74	16.66	17.3	0
20	QPSK	1	99	16.50	16.68	16.57		
20	QPSK	50	0	15.97	16.04	15.94		
20	QPSK	50	24	15.89	15.99	15.97		
20	QPSK	50	50	15.80	16.00	15.82	16.3	1
20	QPSK	100	0	15.92	16.02	16.01		
20	16QAM	1	0	15.86	16.01	15.88		
20	16QAM	1	49	15.61	15.80	15.71	16.3	1
20	16QAM	1	99	15.63	15.86	15.72		
20	16QAM	50	0	14.84	14.95	14.83		
20	16QAM	50	24	14.85	14.95	14.78	15.3	2
20	16QAM	50	50	14.80	14.93	14.82		
20	16QAM	100	0	14.87	14.94	14.86		
20	64QAM	1	0	14.82	15.01	14.83		
20	64QAM	1	49	14.67	14.79	14.63	15.3	2
20	64QAM	1	99	14.82	14.90	14.84		
20	64QAM	50	0	13.94	14.04	13.88		
20	64QAM	50	24	13.96	14.04	14.02	14.3	3
20	64QAM	50	50	13.91	13.94	13.91		
20	64QAM	100	0	13.91	14.05	13.89		
20	256QAM	1	0	11.99	12.03	11.97		
20	256QAM	1	49	11.86	11.83	11.94	12.3	5
20	256QAM	1	99	11.92	11.94	12.01		
20	256QAM	50	0	11.93	11.92	11.97		
20	256QAM	50	24	11.97	11.88	11.86	12.3	5
20	256QAM	50	50	11.96	11.99	11.91		
20	256QAM	100	0	11.96	11.95	11.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.57	16.83	16.72		
15	QPSK	1	37	16.54	16.70	16.59	17.3	0
15	QPSK	1	74	16.40	16.61	16.47		
15	QPSK	36	0	15.82	15.87	15.84		
15	QPSK	36	20	15.74	15.95	15.92	16.3	1
15	QPSK	36	39	15.69	15.86	15.69		
15	QPSK	75	0	15.77	16.00	15.86		
15	16QAM	1	0	15.75	15.93	15.76		
15	16QAM	1	37	15.55	15.76	15.59	16.3	1
15	16QAM	1	74	15.51	15.81	15.66		
15	16QAM	36	0	14.79	14.85	14.73		
15	16QAM	36	20	14.76	14.88	14.65	15.3	2
15	16QAM	36	39	14.69	14.85	14.68		
15	16QAM	75	0	14.81	14.90	14.80		
15	64QAM	1	0	14.76	14.92	14.70		
15	64QAM	1	37	14.54	14.65	14.59	15.3	2
15	64QAM	1	74	14.67	14.78	14.73		
15	64QAM	36	0	13.87	13.97	13.79		
15	64QAM	36	20	13.85	13.94	13.97	14.3	3
15	64QAM	36	39	13.77	13.86	13.81		
15	64QAM	75	0	13.81	14.01	13.81		
15	256QAM	1	0	11.92	11.89	11.86		
15	256QAM	1	37	11.73	11.89	11.89	12.3	5
15	256QAM	1	74	11.79	11.80	11.90		
15	256QAM	36	0	11.83	11.83	11.93		
15	256QAM	36	20	11.92	11.74	11.79	12.3	5
15	256QAM	36	39	11.92	11.91	11.87		
15	256QAM	75	0	11.91	11.89	11.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.50	16.74	16.60		
10	QPSK	1	25	16.55	16.60	16.52	17.3	0
10	QPSK	1	49	16.37	16.60	16.49		
10	QPSK	25	0	15.91	15.87	15.84		
10	QPSK	25	12	15.60	15.94	15.90	16.3	1
10	QPSK	25	25	15.68	15.89	15.73		
10	QPSK	50	0	15.84	15.97	15.94		
10	16QAM	1	0	15.78	15.87	15.82		
10	16QAM	1	25	15.51	15.73	15.56	16.3	1
10	16QAM	1	49	15.60	15.81	15.68		
10	16QAM	25	0	14.77	14.87	14.78		
10	16QAM	25	12	14.77	14.82	14.63	15.3	2
10	16QAM	25	25	14.74	14.90	14.73		
10	16QAM	50	0	14.80	14.87	14.82		
10	64QAM	1	0	14.68	14.94	14.76		
10	64QAM	1	25	14.57	14.65	14.50	15.3	2
10	64QAM	1	49	14.72	14.78	14.76		
10	64QAM	25	0	13.82	13.98	13.78		
10	64QAM	25	12	13.83	13.99	13.91	14.3	3
10	64QAM	25	25	13.80	13.82	13.81		
10	64QAM	50	0	13.87	13.93	13.79		
10	256QAM	1	0	11.89	11.96	11.93		
10	256QAM	1	25	11.82	11.69	11.86	12.3	5
10	256QAM	1	49	11.78	11.81	11.88		
10	256QAM	25	0	11.89	11.88	11.92		
10	256QAM	25	12	11.94	11.80	11.80	12.3	5
10	256QAM	25	25	11.83	11.88	11.78		
10	256QAM	50	0	11.89	11.89	11.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.52	16.80	16.63		
5	QPSK	1	12	16.51	16.70	16.52	17.3	0
5	QPSK	1	24	16.40	16.55	16.48		
5	QPSK	12	0	15.84	15.92	15.82		
5	QPSK	12	7	15.79	15.94	15.83	16.3	1
5	QPSK	12	13	15.70	15.85	15.67		
5	QPSK	25	0	15.85	15.91	15.97		
5	16QAM	1	0	15.82	15.91	15.80		
5	16QAM	1	12	15.49	15.71	15.56	16.3	1
5	16QAM	1	24	15.53	15.80	15.59		
5	16QAM	12	0	14.72	14.89	14.70		
5	16QAM	12	7	14.74	14.86	14.69	15.3	2
5	16QAM	12	13	14.71	14.89	14.78		
5	16QAM	25	0	14.82	14.85	14.72		
5	64QAM	1	0	14.79	14.97	14.77		
5	64QAM	1	12	14.62	14.76	14.51	15.3	2
5	64QAM	1	24	14.70	14.80	14.69		
5	64QAM	12	0	13.81	13.91	13.84		
5	64QAM	12	7	13.91	13.97	13.96	14.3	3
5	64QAM	12	13	13.83	13.89	13.76		
5	64QAM	25	0	13.85	13.99	13.74		
5	256QAM	1	0	11.85	11.98	11.84		
5	256QAM	1	12	11.81	11.80	11.88	12.3	5
5	256QAM	1	24	11.81	11.85	11.90		
5	256QAM	12	0	11.88	11.83	11.93		
5	256QAM	12	7	11.89	11.75	11.77	12.3	5
5	256QAM	12	13	11.92	11.87	11.79		
5	256QAM	25	0	11.91	11.92	11.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.53	16.74	16.72		
3	QPSK	1	8	16.52	16.62	16.59	17.3	0
3	QPSK	1	14	16.39	16.61	16.46		
3	QPSK	8	0	15.87	15.96	15.82		
3	QPSK	8	4	15.77	15.92	15.85	16.3	1
3	QPSK	8	7	15.65	15.92	15.78		
3	QPSK	15	0	15.81	15.91	15.98		
3	16QAM	1	0	15.78	15.89	15.79		
3	16QAM	1	8	15.46	15.66	15.68	16.3	1
3	16QAM	1	14	15.51	15.78	15.68		
3	16QAM	8	0	14.77	14.85	14.69		
3	16QAM	8	4	14.82	14.84	14.68	15.3	2
3	16QAM	8	7	14.75	14.87	14.68		
3	16QAM	15	0	14.81	14.86	14.75		
3	64QAM	1	0	14.71	14.86	14.79		
3	64QAM	1	8	14.62	14.73	14.49	15.3	2
3	64QAM	1	14	14.73	14.81	14.73		
3	64QAM	8	0	13.83	13.99	13.84		
3	64QAM	8	4	13.83	13.94	13.88	14.3	3
3	64QAM	8	7	13.80	13.82	13.84		
3	64QAM	15	0	13.84	13.97	13.79		
3	256QAM	1	0	11.85	11.92	11.94		
3	256QAM	1	8	11.78	11.73	11.83	12.3	5
3	256QAM	1	14	11.83	11.80	11.96		
3	256QAM	8	0	11.81	11.85	11.88		
3	256QAM	8	4	11.83	11.76	11.74	12.3	5
3	256QAM	8	7	11.89	11.92	11.86		
3	256QAM	15	0	11.92	11.85	11.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.49	16.75	16.71		
1.4	QPSK	1	3	16.63	16.61	16.62		
1.4	QPSK	1	5	16.44	16.64	16.53	17.3	0
1.4	QPSK	3	0	16.71	16.78	16.65		
1.4	QPSK	3	1	16.64	16.65	16.72		
1.4	QPSK	3	3	16.46	16.66	16.56		
1.4	QPSK	6	0	15.77	15.93	15.89	16.3	1
1.4	16QAM	1	0	15.78	15.96	15.77		
1.4	16QAM	1	3	15.48	15.72	15.64		
1.4	16QAM	1	5	15.56	15.73	15.67	16.3	1
1.4	16QAM	3	0	15.79	15.89	15.75		
1.4	16QAM	3	1	15.70	15.83	15.72		
1.4	16QAM	3	3	15.72	15.88	15.67		
1.4	16QAM	6	0	14.78	14.88	14.72	15.3	2
1.4	64QAM	1	0	14.76	14.94	14.74		
1.4	64QAM	1	3	14.63	14.69	14.57		
1.4	64QAM	1	5	14.69	14.78	14.75	15.3	2
1.4	64QAM	3	0	14.90	14.96	14.81		
1.4	64QAM	3	1	14.83	14.96	14.97		
1.4	64QAM	3	3	14.84	14.84	14.80		
1.4	64QAM	6	0	13.77	13.92	13.80	14.3	3
1.4	256QAM	1	0	11.91	11.90	11.94		
1.4	256QAM	1	3	11.83	11.74	11.82		
1.4	256QAM	1	5	11.85	11.90	11.90	12.3	5
1.4	256QAM	3	0	11.82	11.84	11.92		
1.4	256QAM	3	1	11.92	11.80	11.83		
1.4	256QAM	3	3	11.82	11.86	11.84		
1.4	256QAM	6	0	11.92	11.90	11.78	12.3	5

Band 2 Ant1 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.69	15.72	15.64	17	0
20	QPSK	1	49	15.64	15.70	15.68		
20	QPSK	1	99	15.62	15.69	15.70		
20	QPSK	50	0	14.71	14.88	14.64	16	1
20	QPSK	50	24	14.57	14.63	14.54		
20	QPSK	50	50	14.69	14.67	14.61		
20	QPSK	100	0	14.80	14.82	14.74		
20	16QAM	1	0	14.51	14.62	14.60	16	1
20	16QAM	1	49	14.58	14.66	14.45		
20	16QAM	1	99	14.60	14.66	14.54		
20	16QAM	50	0	13.69	13.79	13.63	15	2
20	16QAM	50	24	13.61	13.72	13.51		
20	16QAM	50	50	13.68	13.69	13.70		
20	16QAM	100	0	13.77	13.84	13.70		
20	64QAM	1	0	13.61	13.69	13.48	15	2
20	64QAM	1	49	13.53	13.60	13.54		
20	64QAM	1	99	13.53	13.67	13.53		
20	64QAM	50	0	12.70	12.72	12.55	14	3
20	64QAM	50	24	12.57	12.71	12.49		
20	64QAM	50	50	12.74	12.73	12.71		
20	64QAM	100	0	12.74	12.73	12.80		
20	256QAM	1	0	10.87	10.84	10.81	12	5
20	256QAM	1	49	10.68	10.77	10.67		
20	256QAM	1	99	10.78	10.79	10.85		
20	256QAM	50	0	10.77	10.91	10.83	12	5
20	256QAM	50	24	10.68	10.79	10.68		
20	256QAM	50	50	10.76	10.71	10.81		
20	256QAM	100	0	10.75	10.77	10.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.71	15.71	15.65	17	0
15	QPSK	1	37	15.64	15.65	15.51		
15	QPSK	1	74	15.55	15.69	15.67		
15	QPSK	36	0	14.68	14.75	14.59	16	1
15	QPSK	36	20	14.41	14.51	14.46		
15	QPSK	36	39	14.58	14.58	14.55		
15	QPSK	75	0	14.76	14.74	14.62		
15	16QAM	1	0	14.44	14.49	14.49	16	1
15	16QAM	1	37	14.51	14.50	14.38		
15	16QAM	1	74	14.49	14.59	14.38		
15	16QAM	36	0	13.62	13.69	13.53	15	2
15	16QAM	36	20	13.53	13.68	13.34		
15	16QAM	36	39	13.58	13.53	13.56		
15	16QAM	75	0	13.71	13.83	13.67		
15	64QAM	1	0	13.49	13.70	13.43	15	2
15	64QAM	1	37	13.47	13.60	13.42		
15	64QAM	1	74	13.47	13.64	13.51		
15	64QAM	36	0	12.61	12.57	12.51	14	3
15	64QAM	36	20	12.44	12.68	12.43		
15	64QAM	36	39	12.59	12.62	12.61		
15	64QAM	75	0	12.70	12.61	12.66		
15	256QAM	1	0	10.73	10.74	10.72	12	5
15	256QAM	1	37	10.58	10.69	10.53		
15	256QAM	1	74	10.72	10.67	10.77		
15	256QAM	36	0	10.63	10.78	10.78	12	5
15	256QAM	36	20	10.63	10.66	10.53		
15	256QAM	36	39	10.65	10.64	10.69		
15	256QAM	75	0	10.69	10.63	10.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.57	15.63	15.68	17	0
10	QPSK	1	25	15.54	15.65	15.59		
10	QPSK	1	49	15.56	15.69	15.56		
10	QPSK	25	0	14.54	14.64	14.49	16	1
10	QPSK	25	12	14.45	14.49	14.44		
10	QPSK	25	25	14.62	14.62	14.46		
10	QPSK	50	0	14.66	14.74	14.69		
10	16QAM	1	0	14.38	14.52	14.46	16	1
10	16QAM	1	25	14.45	14.65	14.39		
10	16QAM	1	49	14.48	14.57	14.49		
10	16QAM	25	0	13.60	13.68	13.48	15	2
10	16QAM	25	12	13.48	13.68	13.45		
10	16QAM	25	25	13.68	13.57	13.52		
10	16QAM	50	0	13.66	13.76	13.63		
10	64QAM	1	0	13.43	13.62	13.42	15	2
10	64QAM	1	25	13.50	13.48	13.48		
10	64QAM	1	49	13.43	13.57	13.46		
10	64QAM	25	0	12.61	12.64	12.40	14	3
10	64QAM	25	12	12.50	12.70	12.41		
10	64QAM	25	25	12.59	12.66	12.57		
10	64QAM	50	0	12.66	12.69	12.74		
10	256QAM	1	0	10.63	10.65	10.56	12	5
10	256QAM	1	25	10.63	10.65	10.58		
10	256QAM	1	49	10.66	10.64	10.75		
10	256QAM	25	0	10.73	10.76	10.79	12	5
10	256QAM	25	12	10.61	10.71	10.59		
10	256QAM	25	25	10.67	10.56	10.69		
10	256QAM	50	0	10.62	10.70	10.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.56	15.62	15.67	17	0
5	QPSK	1	12	15.53	15.66	15.57		
5	QPSK	1	24	15.52	15.68	15.58		
5	QPSK	12	0	14.57	14.67	14.48	16	1
5	QPSK	12	7	14.43	14.55	14.43		
5	QPSK	12	13	14.61	14.61	14.50		
5	QPSK	25	0	14.71	14.73	14.67		
5	16QAM	1	0	14.37	14.50	14.47	16	1
5	16QAM	1	12	14.42	14.65	14.42		
5	16QAM	1	24	14.47	14.60	14.46		
5	16QAM	12	0	13.59	13.66	13.49	15	2
5	16QAM	12	7	13.47	13.69	13.45		
5	16QAM	12	13	13.67	13.54	13.52		
5	16QAM	25	0	13.69	13.73	13.61		
5	64QAM	1	0	13.46	13.65	13.44	15	2
5	64QAM	1	12	13.50	13.50	13.47		
5	64QAM	1	24	13.46	13.57	13.48		
5	64QAM	12	0	12.65	12.65	12.45	14	3
5	64QAM	12	7	12.51	12.71	12.46		
5	64QAM	12	13	12.59	12.68	12.60		
5	64QAM	25	0	12.66	12.70	12.76		
5	256QAM	1	0	10.75	10.79	10.69	12	5
5	256QAM	1	12	10.57	10.71	10.56		
5	256QAM	1	24	10.70	10.64	10.79		
5	256QAM	12	0	10.68	10.78	10.74	12	5
5	256QAM	12	7	10.56	10.65	10.54		
5	256QAM	12	13	10.64	10.59	10.70		
5	256QAM	25	0	10.65	10.70	10.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.59	15.65	15.65	17	0
3	QPSK	1	8	15.52	15.67	15.57		
3	QPSK	1	14	15.55	15.72	15.61		
3	QPSK	8	0	14.53	14.66	14.54	16	1
3	QPSK	8	4	14.43	14.53	14.44		
3	QPSK	8	7	14.60	14.56	14.49		
3	QPSK	15	0	14.72	14.73	14.70		
3	16QAM	1	0	14.37	14.51	14.49	16	1
3	16QAM	1	8	14.43	14.63	14.41		
3	16QAM	1	14	14.49	14.58	14.48		
3	16QAM	8	0	13.59	13.66	13.49	15	2
3	16QAM	8	4	13.47	13.64	13.46		
3	16QAM	8	7	13.65	13.57	13.55		
3	16QAM	15	0	13.70	13.71	13.63		
3	64QAM	1	0	13.44	13.61	13.44	15	2
3	64QAM	1	8	13.49	13.46	13.50		
3	64QAM	1	14	13.47	13.55	13.52		
3	64QAM	8	0	12.66	12.69	12.41	14	3
3	64QAM	8	4	12.49	12.70	12.44		
3	64QAM	8	7	12.60	12.67	12.57		
3	64QAM	15	0	12.66	12.70	12.76		
3	256QAM	1	0	10.84	10.77	10.74	12	5
3	256QAM	1	8	10.64	10.71	10.56		
3	256QAM	1	14	10.74	10.71	10.74		
3	256QAM	8	0	10.64	10.87	10.78	12	5
3	256QAM	8	4	10.58	10.75	10.53		
3	256QAM	8	7	10.64	10.59	10.68		
3	256QAM	15	0	10.60	10.64	10.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.59	15.49	15.65	17	0
1.4	QPSK	1	3	15.54	15.63	15.57		
1.4	QPSK	1	5	15.51	15.71	15.56		
1.4	QPSK	3	0	15.59	15.71	15.65		
1.4	QPSK	3	1	15.54	15.63	15.57		
1.4	QPSK	3	3	15.51	15.71	15.56		
1.4	QPSK	6	0	14.71	14.73	14.67	16	1
1.4	16QAM	1	0	14.39	14.53	14.47	16	1
1.4	16QAM	1	3	14.46	14.59	14.43		
1.4	16QAM	1	5	14.45	14.60	14.47		
1.4	16QAM	3	0	14.46	14.59	14.43		
1.4	16QAM	3	1	14.45	14.60	14.47		
1.4	16QAM	3	3	14.39	14.53	14.47		
1.4	16QAM	6	0	13.66	13.73	13.61	15	2
1.4	64QAM	1	0	13.44	13.62	13.45	15	2
1.4	64QAM	1	3	13.50	13.49	13.47		
1.4	64QAM	1	5	13.42	13.59	13.48		
1.4	64QAM	3	0	13.44	13.62	13.45		
1.4	64QAM	3	1	13.50	13.49	13.47		
1.4	64QAM	3	3	13.50	13.49	13.47		
1.4	64QAM	6	0	12.63	12.72	12.76	14	3
1.4	256QAM	1	0	10.80	10.78	10.76	12	5
1.4	256QAM	1	3	10.60	10.66	10.53		
1.4	256QAM	1	5	10.64	10.73	10.74		
1.4	256QAM	3	0	10.65	10.87	10.69		
1.4	256QAM	3	1	10.59	10.66	10.59		
1.4	256QAM	3	3	10.70	10.60	10.68		
1.4	256QAM	6	0	10.69	10.65	10.59	12	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.16	16.24	16.22	17.7	0
20	QPSK	1	49	16.14	16.20	16.15		
20	QPSK	1	99	16.13	16.19	16.21		
20	QPSK	50	0	15.35	15.49	15.36	16.7	1
20	QPSK	50	24	15.25	15.36	15.31		
20	QPSK	50	50	15.43	15.44	15.25		
20	QPSK	100	0	15.30	15.48	15.28		
20	16QAM	1	0	15.37	15.35	15.23	16.7	1
20	16QAM	1	49	15.34	15.46	15.48		
20	16QAM	1	99	15.32	15.49	15.26		
20	16QAM	50	0	14.36	14.47	14.38	15.7	2
20	16QAM	50	24	14.26	14.40	14.17		
20	16QAM	50	50	14.32	14.38	14.27		
20	16QAM	100	0	14.38	14.36	14.39		
20	64QAM	1	0	14.33	14.40	14.27	15.7	2
20	64QAM	1	49	14.24	14.26	14.25		
20	64QAM	1	99	14.32	14.42	14.30		
20	64QAM	50	0	13.30	13.32	13.28	14.7	3
20	64QAM	50	24	13.18	13.29	13.19		
20	64QAM	50	50	13.13	13.29	13.18		
20	64QAM	100	0	13.46	13.39	13.37		
20	256QAM	1	0	11.54	11.52	11.59	12.7	5
20	256QAM	1	49	11.40	11.41	11.43		
20	256QAM	1	99	11.50	11.57	11.42		
20	256QAM	50	0	11.51	11.57	11.62	12.7	5
20	256QAM	50	24	11.33	11.40	11.45		
20	256QAM	50	50	11.55	11.42	11.44		
20	256QAM	100	0	11.35	11.35	11.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.13	16.18	16.19	17.7	0
15	QPSK	1	37	16.04	16.19	16.09		
15	QPSK	1	74	16.14	16.13	16.16		
15	QPSK	36	0	15.27	15.46	15.31	16.7	1
15	QPSK	36	20	15.18	15.28	15.21		
15	QPSK	36	39	15.38	15.34	15.17		
15	QPSK	75	0	15.22	15.40	15.22		
15	16QAM	1	0	15.37	15.29	15.20	16.7	1
15	16QAM	1	37	15.29	15.39	15.40		
15	16QAM	1	74	15.24	15.41	15.24		
15	16QAM	36	0	14.25	14.41	14.30	15.7	2
15	16QAM	36	20	14.20	14.34	14.16		
15	16QAM	36	39	14.28	14.26	14.16		
15	16QAM	75	0	14.37	14.26	14.31		
15	64QAM	1	0	14.24	14.39	14.24	15.7	2
15	64QAM	1	37	14.16	14.24	14.15		
15	64QAM	1	74	14.24	14.38	14.28		
15	64QAM	36	0	13.21	13.29	13.26	14.7	3
15	64QAM	36	20	13.14	13.23	13.13		
15	64QAM	36	39	13.06	13.21	13.15		
15	64QAM	75	0	13.35	13.35	13.30		
15	256QAM	1	0	11.49	11.47	11.53	12.7	5
15	256QAM	1	37	11.32	11.40	11.38		
15	256QAM	1	74	11.39	11.46	11.35		
15	256QAM	36	0	11.43	11.51	11.54	12.7	5
15	256QAM	36	20	11.33	11.35	11.46		
15	256QAM	36	39	11.51	11.39	11.38		
15	256QAM	75	0	11.32	11.32	11.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.08	16.19	16.16	17.7	0
10	QPSK	1	25	16.06	16.18	16.08		
10	QPSK	1	49	16.12	16.10	16.18		
10	QPSK	25	0	15.28	15.47	15.29	16.7	1
10	QPSK	25	12	15.22	15.26	15.28		
10	QPSK	25	25	15.33	15.33	15.17		
10	QPSK	50	0	15.23	15.44	15.19		
10	16QAM	1	0	15.34	15.30	15.19	16.7	1
10	16QAM	1	25	15.25	15.36	15.42		
10	16QAM	1	49	15.22	15.41	15.21		
10	16QAM	25	0	14.31	14.42	14.32	15.7	2
10	16QAM	25	12	14.24	14.33	14.13		
10	16QAM	25	25	14.29	14.29	14.24		
10	16QAM	50	0	14.36	14.26	14.33		
10	64QAM	1	0	14.24	14.37	14.18	15.7	2
10	64QAM	1	25	14.17	14.23	14.16		
10	64QAM	1	49	14.21	14.31	14.26		
10	64QAM	25	0	13.27	13.26	13.28	14.7	3
10	64QAM	25	12	13.14	13.26	13.14		
10	64QAM	25	25	13.04	13.18	13.13		
10	64QAM	50	0	13.41	13.33	13.29	12.7	5
10	256QAM	1	0	11.49	11.48	11.53		
10	256QAM	1	25	11.38	11.42	11.38		
10	256QAM	1	49	11.44	11.50	11.34		
10	256QAM	25	0	11.41	11.46	11.56	12.7	5
10	256QAM	25	12	11.29	11.31	11.46		
10	256QAM	25	25	11.49	11.40	11.43		
10	256QAM	50	0	11.35	11.30	11.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.08	16.19	16.15	17.7	0
5	QPSK	1	12	16.05	16.21	16.10		
5	QPSK	1	24	16.10	16.12	16.18		
5	QPSK	12	0	15.32	15.42	15.27	16.7	1
5	QPSK	12	7	15.19	15.26	15.27		
5	QPSK	12	13	15.38	15.33	15.21		
5	QPSK	25	0	15.29	15.45	15.21		
5	16QAM	1	0	15.32	15.30	15.22	16.7	1
5	16QAM	1	12	15.26	15.35	15.39		
5	16QAM	1	24	15.25	15.36	15.24		
5	16QAM	12	0	14.30	14.44	14.31	15.7	2
5	16QAM	12	7	14.18	14.33	14.19		
5	16QAM	12	13	14.24	14.29	14.18		
5	16QAM	25	0	14.31	14.28	14.33		
5	64QAM	1	0	14.30	14.41	14.22	15.7	2
5	64QAM	1	12	14.18	14.28	14.18		
5	64QAM	1	24	14.27	14.36	14.25		
5	64QAM	12	0	13.20	13.27	13.23	14.7	3
5	64QAM	12	7	13.18	13.19	13.17		
5	64QAM	12	13	13.10	13.22	13.12		
5	64QAM	25	0	13.38	13.30	13.29	12.7	5
5	256QAM	1	0	11.51	11.46	11.48		
5	256QAM	1	12	11.34	11.38	11.45		
5	256QAM	1	24	11.45	11.49	11.38		
5	256QAM	12	0	11.44	11.46	11.49	12.7	5
5	256QAM	12	7	11.34	11.33	11.41		
5	256QAM	12	13	11.50	11.36	11.44		
5	256QAM	25	0	11.34	11.36	11.27		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.12	16.17	16.19	17.7	0
3	QPSK	1	8	16.08	16.16	16.06		
3	QPSK	1	14	16.14	16.08	16.18		
3	QPSK	8	0	15.29	15.46	15.30	16.7	1
3	QPSK	8	4	15.18	15.30	15.22		
3	QPSK	8	7	15.35	15.34	15.22		
3	QPSK	15	0	15.23	15.45	15.22		
3	16QAM	1	0	15.33	15.32	15.23	16.7	1
3	16QAM	1	8	15.24	15.34	15.41		
3	16QAM	1	14	15.24	15.43	15.27		
3	16QAM	8	0	14.28	14.38	14.29	15.7	2
3	16QAM	8	4	14.19	14.32	14.18		
3	16QAM	8	7	14.27	14.27	14.19		
3	16QAM	15	0	14.35	14.31	14.36		
3	64QAM	1	0	14.29	14.38	14.18	15.7	2
3	64QAM	1	8	14.13	14.22	14.13		
3	64QAM	1	14	14.23	14.32	14.24		
3	64QAM	8	0	13.26	13.25	13.30	14.7	3
3	64QAM	8	4	13.17	13.26	13.13		
3	64QAM	8	7	13.04	13.22	13.10		
3	64QAM	15	0	13.37	13.37	13.33		
3	256QAM	1	0	11.48	11.47	11.51	12.7	5
3	256QAM	1	8	11.32	11.41	11.44		
3	256QAM	1	14	11.42	11.51	11.39		
3	256QAM	8	0	11.45	11.50	11.57	12.7	5
3	256QAM	8	4	11.28	11.36	11.40		
3	256QAM	8	7	11.50	11.40	11.39		
3	256QAM	15	0	11.34	11.33	11.27		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.10	16.07	16.10	17.7	0
1.4	QPSK	1	3	16.09	16.14	16.15		
1.4	QPSK	1	5	16.07	16.13	16.18		
1.4	QPSK	3	0	16.04	16.21	16.13		
1.4	QPSK	3	1	16.09	16.12	16.09		
1.4	QPSK	3	3	16.10	16.17	16.15		
1.4	QPSK	6	0	15.23	15.38	15.13	16.7	1
1.4	16QAM	1	0	15.23	15.24	15.13	16.7	1
1.4	16QAM	1	3	15.20	15.29	15.33		
1.4	16QAM	1	5	15.18	15.38	15.26		
1.4	16QAM	3	0	15.25	15.17	15.13		
1.4	16QAM	3	1	15.18	15.24	15.15		
1.4	16QAM	3	3	15.25	15.26	15.17		
1.4	16QAM	6	0	15.23	15.23	15.16	15.7	2
1.4	64QAM	1	0	14.54	14.65	14.64	15.7	2
1.4	64QAM	1	3	14.56	14.60	14.63		
1.4	64QAM	1	5	14.62	14.54	14.57		
1.4	64QAM	3	0	14.17	14.23	14.15		
1.4	64QAM	3	1	14.31	14.19	14.25		
1.4	64QAM	3	3	14.25	14.33	14.07		
1.4	64QAM	6	0	13.33	13.26	13.26	14.7	3
1.4	256QAM	1	0	11.39	11.47	11.45	12.7	5
1.4	256QAM	1	3	11.33	11.30	11.36		
1.4	256QAM	1	5	11.41	11.44	11.32		
1.4	256QAM	3	0	11.40	11.47	11.48		
1.4	256QAM	3	1	11.29	11.26	11.37		
1.4	256QAM	3	3	11.44	11.31	11.40		
1.4	256QAM	6	0	11.31	11.31	11.35	12.7	5

Band 5 Ant1 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.08	22.13	22.10	23.2	0
10	QPSK	1	25	22.06	22.07	21.99		
10	QPSK	1	49	22.04	22.01	22.09		
10	QPSK	25	0	21.02	21.11	21.05	22.2	1
10	QPSK	25	12	20.97	21.08	20.99		
10	QPSK	25	25	20.91	21.07	20.92		
10	QPSK	50	0	21.04	21.10	20.94		
10	16QAM	1	0	21.10	21.27	21.11	22.2	1
10	16QAM	1	25	21.13	21.15	21.13		
10	16QAM	1	49	21.13	21.19	21.14		
10	16QAM	25	0	19.92	20.04	19.96	21.2	2
10	16QAM	25	12	19

Band 12 Ant1 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.91	22.94	22.86	24	0
10	QPSK	1	25	22.80	22.86	22.81		
10	QPSK	1	49	22.78	22.81	22.76		
10	QPSK	25	0	21.71	21.81	21.70	23	1
10	QPSK	25	12	21.73	21.78	21.69		
10	QPSK	25	25	21.64	21.74	21.62		
10	QPSK	50	0	21.73	21.83	21.69		
10	16QAM	1	0	21.82	21.94	21.86	23	1
10	16QAM	1	25	21.75	21.84	21.75		
10	16QAM	1	49	21.69	21.82	21.74		
10	16QAM	25	0	20.70	20.84	20.76	22	2
10	16QAM	25	12	20.67	20.81	20.76		
10	16QAM	25	25	20.59	20.72	20.60		
10	16QAM	50	0	20.77	20.85	20.79		
10	64QAM	1	0	20.86	20.98	20.89	22	2
10	64QAM	1	25	20.74	20.86	20.71		
10	64QAM	1	49	20.64	20.77	20.72		
10	64QAM	25	0	19.77	19.87	19.75	21	3
10	64QAM	25	12	19.73	19.81	19.73		
10	64QAM	25	25	19.61	19.74	19.68		
10	64QAM	50	0	19.81	19.88	19.84		
10	256QAM	1	0	17.99	17.92	17.98	19	5
10	256QAM	1	25	17.84	17.81	17.90		
10	256QAM	1	49	17.95	17.89	17.97		
10	256QAM	25	0	17.97	17.95	17.96	19	5
10	256QAM	25	12	17.87	17.90	17.88		
10	256QAM	25	25	17.91	17.94	17.90		
10	256QAM	50	0	17.85	17.89	17.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.86	22.82	22.78	24	0
5	QPSK	1	12	22.72	22.77	22.69		
5	QPSK	1	24	22.65	22.74	22.66		
5	QPSK	12	0	21.58	21.66	21.63	23	1
5	QPSK	12	7	21.66	21.70	21.54		
5	QPSK	12	13	21.56	21.69	21.59		
5	QPSK	25	0	21.62	21.72	21.66		
5	16QAM	1	0	21.77	21.81	21.77	23	1
5	16QAM	1	12	21.67	21.70	21.64		
5	16QAM	1	24	21.55	21.70	21.63		
5	16QAM	12	0	20.56	20.79	20.71	22	2
5	16QAM	12	7	20.56	20.73	20.72		
5	16QAM	12	13	20.52	20.68	20.56		
5	16QAM	25	0	20.69	20.79	20.67		
5	64QAM	1	0	20.80	20.88	20.80	22	2
5	64QAM	1	12	20.62	20.73	20.57		
5	64QAM	1	24	20.50	20.67	20.57		
5	64QAM	12	0	19.63	19.83	19.64	21	3
5	64QAM	12	7	19.64	19.72	19.60		
5	64QAM	12	13	19.54	19.61	19.55		
5	64QAM	25	0	19.77	19.76	19.79		
5	256QAM	1	0	17.90	18.01	17.95	19	5
5	256QAM	1	12	17.90	17.80	17.85		
5	256QAM	1	24	17.92	17.89	17.94		
5	256QAM	12	0	17.98	17.93	17.98	19	5
5	256QAM	12	7	17.91	17.84	17.86		
5	256QAM	12	13	17.95	17.91	17.88		
5	256QAM	25	0	17.89	17.83	17.81		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.84	22.79	24	0
3	QPSK	1	8	22.67	22.79	22.70		
3	QPSK	1	14	22.66	22.68	22.71		
3	QPSK	8	0	21.68	21.68	21.58	23	1
3	QPSK	8	4	21.65	21.68	21.54		
3	QPSK	8	7	21.60	21.66	21.57		
3	QPSK	15	0	21.64	21.77	21.69		
3	16QAM	1	0	21.71	21.90	21.76	23	1
3	16QAM	1	8	21.62	21.78	21.60		
3	16QAM	1	14	21.65	21.69	21.63		
3	16QAM	8	0	20.66	20.79	20.62	22	2
3	16QAM	8	4	20.52	20.75	20.66		
3	16QAM	8	7	20.45	20.64	20.47		
3	16QAM	15	0	20.72	20.71	20.75		
3	64QAM	1	0	20.74	20.92	20.80	22	2
3	64QAM	1	8	20.60	20.80	20.60		
3	64QAM	1	14	20.58	20.74	20.61		
3	64QAM	8	0	19.62	19.77	19.67	21	3
3	64QAM	8	4	19.60	19.68	19.61		
3	64QAM	8	7	19.52	19.63	19.55		
3	64QAM	15	0	19.66	19.77	19.72		
3	256QAM	1	0	17.91	18.02	17.99	19	5
3	256QAM	1	8	17.91	17.85	17.83		
3	256QAM	1	14	17.90	17.85	17.94		
3	256QAM	8	0	18.00	17.89	17.95	19	5
3	256QAM	8	4	17.85	17.90	17.85		
3	256QAM	8	7	17.88	17.93	17.96		
3	256QAM	15	0	17.84	17.81	17.87		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.85	22.80	22.72	24	0
1.4	QPSK	1	3	22.66	22.77	22.77		
1.4	QPSK	1	5	22.68	22.71	22.65		
1.4	QPSK	3	0	22.67	22.70	22.61		
1.4	QPSK	3	1	22.67	22.67	22.54		
1.4	QPSK	3	3	22.54	22.68	22.54		
1.4	QPSK	6	0	21.59	21.73	21.70	23	1
1.4	16QAM	1	0	21.68	21.88	21.82	23	1
1.4	16QAM	1	3	21.67	21.75	21.67		
1.4	16QAM	1	5	21.59	21.72	21.71		
1.4	16QAM	3	0	21.64	21.70	21.72		
1.4	16QAM	3	1	21.63	21.72	21.69		
1.4	16QAM	3	3	21.54	21.67	21.57		
1.4	16QAM	6	0	20.71	20.81	20.65	22	2
1.4	64QAM	1	0	20.80	20.94	20.78	22	2
1.4	64QAM	1	3	20.63	20.71	20.68		
1.4	64QAM	1	5	20.54	20.69	20.60		
1.4	64QAM	3	0	20.63	20.81	20.70		
1.4	64QAM	3	1	20.70	20.70	20.62		
1.4	64QAM	3	3	20.47	20.69	20.57		
1.4	64QAM	6	0	19.70	19.78	19.77	21	3
1.4	256QAM	1	0	17.93	17.93	17.98	19	5
1.4	256QAM	1	3	17.90	17.90	17.88		
1.4	256QAM	1	5	17.93	17.87	17.96		
1.4	256QAM	3	0	17.95	17.93	17.89		
1.4	256QAM	3	1	17.89	17.88	17.86		
1.4	256QAM	3	3	17.88	17.96	17.95		
1.4	256QAM	6	0	17.86	17.91	17.84	19	5

Band 13 Ant1 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.92		24	0
10	QPSK	1	25		22.81			
10	QPSK	1	49		22.82			
10	QPSK	25	0		21.78		23	1
10	QPSK	25	12		21.61			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.70			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.74			
10	16QAM	1	49		21.74			
10	16QAM	25	0		20.66		22	2
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.60			
10	16QAM	50	0		20.57			
10	64QAM	1	0		20.88		22	2
10	64QAM	1	25		20.72			
10	64QAM	1	49		20.69			
10	64QAM	25	0		19.70		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.60			
10	256QAM	1	0		18.00		19	5
10	256QAM	1	25		17.88			
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.92			
10	256QAM	25	25		17.98			
10	256QAM	50	0		17.86			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.79	22.79	22.73	24	0
5	QPSK	1	12	22.62	22.67	22.57		
5	QPSK	1	24	22.63	22.73	22.62		
5	QPSK	12	0	21.70	21.70	21.64	23	1
5	QPSK	12	7	21.42	21.48	21.55		
5	QPSK	12	13	21.55	21.67	21.59		
5	QPSK	25	0	21.56	21.56	21.60		
5	16QAM	1	0	21.64	21.71	21.65	23	1
5	16QAM	1	12	21.64	21.68	21.59		
5	16QAM	1	24	21.57	21.61	21.48		
5	16QAM	12	0	20.52	20.62	20.42	22	2
5	16QAM	12	7	20.34	20.54	20.43		
5	16QAM	12	13	20.33	20.51	20.36		
5	16QAM	25	0	20.42	20.49	20.44		
5	64QAM	1	0	20.78	20.84	20.72	22	2
5	64QAM	1	12	20.61	20.59	20.52		
5	64QAM	1	24	20.55	20.65	20.44		
5	64QAM	12	0	19.59	19.67	19.46	21	3
5	64QAM	12	7	19.32	19.43	19.31		
5	64QAM	12	13	19.53	19.53	19.39		
5	64QAM	25	0	19.37	19.55	19.40		
5	256QAM	1	0	18.02	17.95	17.98	19	5
5	256QAM	1	12	17.90	17.92	17.81		
5	256QAM	1	24	17.86	17.93	17.94		
5	256QAM	12	0	17.99	17.90	17.88	19	5
5	256QAM	12	7	17.84	17.89	17.87		
5	256QAM	12	13	17.94	17.87	17.88		
5	256QAM	25	0	17.82	17.82	17.85		

Band 66 Ant1 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.36	16.44	16.42	17.7	0
20	QPSK	1	49	16.32	16.30	16.33		
20	QPSK	1	99	16.35	16.36	16.31		
20	QPSK	50	0	15.53	15.68	15.54	16.7	1
20	QPSK	50	24	15.46	15.52	15.49		
20	QPSK	50	50	15.61	15.60	15.44		
20	QPSK	100	0	15.51	15.66	15.46		
20	16QAM	1	0	15.58	15.57	15.45	16.7	1
20	16QAM	1	49	15.50	15.63	15.64		
20	16QAM	1	99	15.48	15.65	15.49		
20	16QAM	50	0	14.53	14.65	14.54	15.7	2
20	16QAM	50	24	14.46	14.57	14.41		
20	16QAM	50	50	14.50	14.55	14.45		
20	16QAM	100	0	14.59	14.54	14.58		
20	64QAM	1	0	14.52	14.64	14.46	15.7	2
20	64QAM	1	49	14.42	14.49	14.41		
20	64QAM	1	99	14.49	14.59	14.52		
20	64QAM	50	0	13.48	13.50	13.51	14.7	3
20	64QAM	50	24	13.39	13.48	13.40		
20	64QAM	50	50	13.32	13.46	13.39		
20	64QAM	100	0	13.64	13.59	13.55		
20	256QAM	1	0	11.25	11.18	11.26	12.7	5
20	256QAM	1	49	11.11	11.12	11.16		
20	256QAM	1	99	11.20	11.16	11.11		
20	256QAM	50	0	11.18	11.23	11.26	12.7	5
20	256QAM	50	24	11.14	11.08	11.12		
20	256QAM	50	50	11.14	11.12	11.12		
20	256QAM	100	0	11.13	11.13	11.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.33	16.36	16.35	17.7	0
15	QPSK	1	37	16.30	16.40	16.30		
15	QPSK	1	74	16.30	16.30	16.35		
15	QPSK	36	0	15.45	15.60	15.49	16.7	1
15	QPSK	36	20	15.39	15.49	15.44		
15	QPSK	36	39	15.54	15.56	15.40		
15	QPSK	75	0	15.47	15.62	15.42		
15	16QAM	1	0	15.55	15.53	15.39	16.7	1
15	16QAM	1	37	15.43	15.59	15.62		
15	16QAM	1	74	15.45	15.57	15.43		
15	16QAM	36	0	14.47	14.62	14.49	15.7	2
15	16QAM	36	20	14.40	14.53	14.38		
15	16QAM	36	39	14.46	14.50	14.43		
15	16QAM	75	0	14.53	14.47	14.52		
15	64QAM	1	0	14.48	14.61	14.42	15.7	2
15	64QAM	1	37	14.37	14.45	14.39		
15	64QAM	1	74	14.47	14.56	14.46		
15	64QAM	36	0	13.41	13.46	13.43	14.7	3
15	64QAM	36	20	13.33	13.45	13.34		
15	64QAM	36	39	13.29	13.42	13.36		
15	64QAM	75	0	13.58	13.56	13.49		
15	256QAM	1	0	11.22	11.09	11.19	12.7	5
15	256QAM	1	37	11.16	11.10	11.04		
15	256QAM	1	74	11.05	11.05	11.01		
15	256QAM	36	0	11.13	11.14	11.22	12.7	5
15	256QAM	36	20	11.05	11.00	11.08		
15	256QAM	36	39	11.05	11.09	11.02		
15	256QAM	75	0	11.09	11.08	11.04		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.31	16.41	16.35	17.7	0
10	QPSK	1	25	16.30	16.36	16.30		
10	QPSK	1	49	16.30	16.30	16.37		
10	QPSK	25	0	15.47	15.63	15.46	16.7	1
10	QPSK	25	12	15.42	15.45	15.42		
10	QPSK	25	25	15.58	15.52	15.42		
10	QPSK	50	0	15.48	15.62	15.42		
10	16QAM	1	0	15.50	15.49	15.41	16.7	1
10	16QAM	1	25	15.45	15.58	15.59		
10	16QAM	1	49	15.42	15.58	15.42		
10	16QAM	25	0	14.47	14.60	14.46	15.7	2
10	16QAM	25	12	14.40	14.50	14.34		
10	16QAM	25	25	14.45	14.52	14.38		
10	16QAM	50	0	14.53	14.50	14.52		
10	64QAM	1	0	14.47	14.56	14.38	15.7	2
10	64QAM	1	25	14.37	14.45	14.37		
10	64QAM	1	49	14.41	14.53	14.50		
10	64QAM	25	0	13.42	13.42	13.46	14.7	3
10	64QAM	25	12	13.37	13.42	13.35		
10	64QAM	25	25	13.26	13.41	13.35		
10	64QAM	50	0	13.59	13.56	13.47		
10	256QAM	1	0	11.12	11.04	11.13	12.7	5
10	256QAM	1	25	11.10	11.08	11.12		
10	256QAM	1	49	11.06	11.07	11.01		
10	256QAM	25	0	11.09	11.12	11.21	12.7	5
10	256QAM	25	12	11.08	11.02	11.02		
10	256QAM	25	25	11.02	11.09	11.02		
10	256QAM	50	0	11.02	11.07	11.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.31	16.40	16.35	17.7	0
5	QPSK	1	12	16.31	16.38	16.30		
5	QPSK	1	24	16.33	16.30	16.35		
5	QPSK	12	0	15.46	15.65	15.46	16.7	1
5	QPSK	12	7	15.42	15.47	15.46		
5	QPSK	12	13	15.57	15.53	15.39		
5	QPSK	25	0	15.45	15.62	15.40		
5	16QAM	1	0	15.54	15.49	15.40	16.7	1
5	16QAM	1	12	15.47	15.61	15.58		
5	16QAM	1	24	15.44	15.58	15.43		
5	16QAM	12	0	14.49	14.58	14.49	15.7	2
5	16QAM	12	7	14.41	14.51	14.33		
5	16QAM	12	13	14.44	14.52	14.42		
5	16QAM	25	0	14.54	14.47	14.54		
5	64QAM	1	0	14.44	14.59	14.43	15.7	2
5	64QAM	1	12	14.37	14.43	14.37		
5	64QAM	1	24	14.44	14.51	14.45		
5	64QAM	12	0	13.44	13.44	13.48	14.7	3
5	64QAM	12	7	13.33	13.43	13.32		
5	64QAM	12	13	13.27	13.44	13.32		
5	64QAM	25	0	13.57	13.54	13.50		
5	256QAM	1	0	11.16	11.05	11.14	12.7	5
5	256QAM	1	12	11.05	11.09	11.06		
5	256QAM	1	24	11.11	11.07	11.10		
5	256QAM	12	0	11.06	11.20	11.11	12.7	5
5	256QAM	12	7	11.05	11.01	11.01		
5	256QAM	12	13	11.10	11.12	11.03		
5	256QAM	25	0	11.07	11.05	11.10		
Channel				131982	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.30	16.40	16.32	17.7	0
3	QPSK	1	8	16.31	16.35	16.31		
3	QPSK	1	14	16.31	16.33	16.41		
3	QPSK	8	0	15.48	15.62	15.52	16.7	1
3	QPSK	8	4	15.41	15.44	15.41		
3	QPSK	8	7	15.54	15.54	15.41		
3	QPSK	15	0	15.46	15.63	15.41		
3	16QAM	1	0	15.52	15.51	15.41	16.7	1
3	16QAM	1	8	15.43	15.57	15.59		
3	16QAM	1	14	15.45	15.60	15.46		
3	16QAM	8	0	14.51	14.60	14.51	15.7	2
3	16QAM	8	4	14.43	14.54	14.35		
3	16QAM	8	7	14.44	14.49	14.42		
3	16QAM	15	0	14.54	14.50	14.52		
3	64QAM	1	0	14.50	14.61	14.38	15.7	2
3	64QAM	1	8	14.35	14.44	14.38		
3	64QAM	1	14	14.44	14.55	14.49		
3	64QAM	8	0	13.43	13.48	13.49	14.7	3
3	64QAM	8	4	13.33	13.46	13.35		
3	64QAM	8	7	13.26	13.42	13.37		
3	64QAM	15	0	13.61	13.51	13.49		
3	256QAM	1	0	11.12	11.04	11.21	12.7	5
3	256QAM	1	8	11.04	11.04	11.04		
3	256QAM	1	14	11.14	11.04	11.06		
3	256QAM	8	0	11.04	11.13	11.12	12.7	5
3	256QAM	8	4	11.10	11.02	11.08		
3	256QAM	8	7	11.10	11.00	11.10		
3	256QAM	15	0	11.04	11.08	11.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.33	16.32	16.39	17.7	0
1.4	QPSK	1	3	16.33	16.42	16.37		
1.4	QPSK	1	5	16.33	16.40	16.39		
1.4	QPSK	3	0	16.33	16.42	16.37		
1.4	QPSK	3	1	16.32	16.40	16.37		
1.4	QPSK	3	3	16.34	16.40	16.37		
1.4	QPSK	6	0	15.49	15.62	15.41	16.7	1
1.4	16QAM	1	0	15.50	15.50	15.41	16.7	1
1.4	16QAM	1	3	15.44	15.54	15.59		
1.4	16QAM	1	5	15.45	15.62	15.48		
1.4	16QAM	3	0	15.47	15.45	15.36		
1.4	16QAM	3	1	15.45	15.48	15.38		
1.4	16QAM	3	3	15.50	15.50	15.39		
1.4	16QAM	6	0	15.50	15.50	15.38	15.7	2
1.4	64QAM	1	0	14.81	14.88	14.86	15.7	2
1.4	64QAM	1	3	14.81	14.88	14.86		
1.4	64QAM	1	5	14.87	14.81	14.85		
1.4	64QAM	3	0	14.39	14.45	14.41		
1.4	64QAM	3	1	14.53	14.48	14.52		
1.4	64QAM	3	3	14.49	14.58	14.34		
1.4	64QAM	6	0	13.59	13.52	13.50	14.7	3
1.4	256QAM	1	0	11.11	11.09	11.18	12.7	5
1.4	256QAM	1	3	11.07	11.07	11.06		
1.4	256QAM	1	5	11.15	11.02	11.05		
1.4	256QAM	3	0	11.13	11.14	11.16		
1.4	256QAM	3	1	11.04	11.04	11.09		
1.4	256QAM	3	3	11.09	11.03	11.18		
1.4	256QAM	6	0	11.01	11.07	11.04	12.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.34	17.46	17.27	17.30	18.7	0
20	QPSK	1	49	17.30	17.36	17.33	17.25		
20	QPSK	1	99	17.20	17.29	17.22	17.26		
20	QPSK	50	0	16.34	16.36	16.25	16.31	17.7	1
20	QPSK	50	24	16.18	16.28	16.19	16.22		
20	QPSK	50	50	16.18	16.22	16.22	16.15		
20	QPSK	100	0	16.23	16.26	16.13	16.24		
20	16QAM	1	0	16.32	16.44	16.34	16.42	17.7	1
20	16QAM	1	49	16.28	16.34	16.28	16.32		
20	16QAM	1	99	16.26	16.29	16.24	16.26		
20	16QAM	50	0	15.34	15.36	15.28	15.28	16.7	2
20	16QAM	50	24	15.14	15.28	15.20	15.23		
20	16QAM	50	50	15.20	15.26	15.20	15.21		
20	16QAM	100	0	15.09	15.27	15.11	15.15		
20	64QAM	1	0	15.40	15.44	15.32	15.31	16.7	2
20	64QAM	1	49	15.26	15.37	15.30	15.30		
20	64QAM	1	99	15.21	15.23	15.22	15.20		
20	64QAM	50	0	14.31	14.38	14.25	14.29	15.7	3
20	64QAM	50	24	14.26	14.34	14.20	14.20		
20	64QAM	50	50	14.21	14.29	14.22	14.19		
20	64QAM	100	0	14.09	14.15	14.18	14.04		
20	256QAM	1	0	12.44	12.34	12.48	12.45	13.7	5
20	256QAM	1	49	12.30	12.29	12.35	12.37		
20	256QAM	1	99	12.41	12.43	12.38	12.39		
20	256QAM	50	0	12.46	12.44	12.40	12.48	13.7	5
20	256QAM	50	24	12.31	12.35	12.35	12.42		
20	256QAM	50	50	12.40	12.35	12.46	12.41		
20	256QAM	100	0	12.39	12.30	12.41	12.35		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.26	17.34	17.18	17.25	18.7	0
15	QPSK	1	37	17.17	17.23	17.19	17.19		
15	QPSK	1	74	17.14	17.25	17.16	17.14		
15	QPSK	36	0	16.25	16.21	16.15	16.23	17.7	1
15	QPSK	36	20	16.10	16.14	16.14	16.10		
15	QPSK	36	39	16.09	16.12	16.10	16.08		
15	QPSK	75	0	16.11	16.12	16.00	16.13		
15	16QAM	1	0	16.19	16.38	16.28	16.38	17.7	1
15	16QAM	1	37	16.13	16.24	16.20	16.18		
15	16QAM	1	74	16.21	16.15	16.14	16.13		
15	16QAM	36	0	15.30	15.21	15.18	15.18	16.7	2
15	16QAM	36	20	15.08	15.17	15.13	15.09		
15	16QAM	36	39	15.14	15.14	15.14	15.08		
15	16QAM	75	0	15.04	15.16	15.06	15.07		
15	64QAM	1	0	15.28	15.32	15.27	15.19	16.7	2
15	64QAM	1	37	15.15	15.24	15.19	15.22		
15	64QAM	1	74	15.16	15.12	15.19	15.14		
15	64QAM	36	0	14.16	14.25	14.17	14.20	15.7	3
15	64QAM	36	20	14.14	14.23	14.07	14.14		
15	64QAM	36	39	14.13	14.25	14.18	14.15		
15	64QAM	75	0	14.00	14.11	14.13	13.90		
15	256QAM	1	0	12.36	12.19	12.35	12.35	13.7	5
15	256QAM	1	37	12.21	12.22	12.31	12.32		
15	256QAM	1	74	12.37	12.32	12.26	12.33		
15	256QAM	36	0	12.37	12.30	12.27	12.38	13.7	5
15	256QAM	36	20	12.24	12.22	12.31	12.35		
15	256QAM	36	39	12.37	12.24	12.32	12.33		
15	256QAM	75	0	12.25	12.22	12.34	12.29		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.22	17.39	17.18	17.16	18.7	0
10	QPSK	1	25	17.25	17.23	17.26	17.11		
10	QPSK	1	49	17.12	17.15	17.10	17.13		
10	QPSK	25	0	16.26	16.31	16.14	16.24	17.7	1
10	QPSK	25	12	16.05	16.23	16.12	16.14		
10	QPSK	25	25	16.07	16.09	16.09	16.03		
10	QPSK	50	0	16.17	16.16	16.10	16.21		
10	16QAM	1	0	16.21	16.40	16.24	16.33	17.7	1
10	16QAM	1	25	16.20	16.24	16.13	16.25		
10	16QAM	1	49	16.16	16.24	16.16	16.14		
10	16QAM	25	0	15.30	15.26	15.25	15.18	16.7	2
10	16QAM	25	12	15.02	15.17	15.14	15.13		
10	16QAM	25	25	15.12	15.21	15.05	15.08		
10	16QAM	50	0	15.03	15.23	15.03	15.04		
10	64QAM	1	0	15.33	15.31	15.26	15.24	16.7	2
10	64QAM	1	25	15.20	15.25	15.26	15.23		
10	64QAM	1	49	15.14	15.19	15.08	15.15		
10	64QAM	25	0	14.20	14.29	14.21	14.18	15.7	3
10	64QAM	25	12	14.12	14.25	14.14	14.06		
10	64QAM	25	25	14.16	14.26	14.15	14.15		
10	64QAM	50	0	14.01	14.02	14.11	13.96		
10	256QAM	1	0	12.36	12.24	12.42	12.30	13.7	5
10	256QAM	1	25	12.19	12.16	12.26	12.24		
10	256QAM	1	49	12.31	12.36	12.28	12.24		
10	256QAM	25	0	12.42	12.41	12.27	12.41	13.7	5
10	256QAM	25	12	12.23	12.20	12.24	12.35		
10	256QAM	25	25	12.33	12.24	12.37	12.37		
10	256QAM	50	0	12.33	12.21	12.32	12.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.29	17.37	17.17	17.22	18.7	0
5	QPSK	1	12	17.15	17.21	17.27	17.13		
5	QPSK	1	24	17.05	17.24	17.11	17.11		
5	QPSK	12	0	16.31	16.29	16.18	16.27	17.7	1
5	QPSK	12	7	16.07	16.14	16.11	16.10		
5	QPSK	12	13	16.06	16.09	16.08	16.04		
5	QPSK	25	0	16.15	16.16	16.04	16.20		
5	16QAM	1	0	16.19	16.32	16.24	16.32	17.7	1
5	16QAM	1	12	16.22	16.26	16.24	16.20		
5	16QAM	1	24	16.21	16.14	16.18	16.14		
5	16QAM	12	0	15.21	15.24	15.25	15.15	16.7	2
5	16QAM	12	7	15.06	15.17	15.08	15.18		
5	16QAM	12	13	15.08	15.13	15.09	15.18		
5	16QAM	25	0	15.06	15.22	15.04	15.03		
5	64QAM	1	0	15.35	15.34	15.17	15.19	16.7	2
5	64QAM	1	12	15.14	15.22	15.23	15.15		
5	64QAM	1	24	15.14	15.15	15.17	15.10		
5	64QAM	12	0	14.20	14.24	14.18	14.14	15.7	3
5	64QAM	12	7	14.21	14.24	14.13	14.12		
5	64QAM	12	13	14.16	14.20	14.12	14.09		
5	64QAM	25	0	13.95	14.07	14.08	13.96		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.17	17.37	17.01	17.07	18.4	0
20	QPSK	1	49	17.17	17.33	17.13	17.00		
20	QPSK	1	99	17.17	17.25	17.03	16.93		
20	QPSK	50	0	16.19	16.35	16.03	15.94	17.4	1
20	QPSK	50	24	16.22	16.32	15.99	16.03		
20	QPSK	50	50	16.21	16.19	15.97	15.96		
20	QPSK	100	0	16.21	16.32	16.10	16.03		
20	16QAM	1	0	16.41	16.43	16.18	16.09	17.4	1
20	16QAM	1	49	16.16	16.30	16.09	16.02		
20	16QAM	1	99	16.21	16.27	15.98	16.00		
20	16QAM	50	0	15.16	15.28	15.06	15.15	16.4	2
20	16QAM	50	24	15.34	15.40	15.08	15.03		
20	16QAM	50	50	15.20	15.26	15.04	15.05		
20	16QAM	100	0	15.19	15.35	15.03	15.13		
20	64QAM	1	0	15.22	15.26	15.01	15.04	16.4	2
20	64QAM	1	49	15.33	15.38	15.00	14.96		
20	64QAM	1	99	15.17	15.28	15.04	14.92		
20	64QAM	50	0	14.27	14.33	14.03	14.11	15.4	3
20	64QAM	50	24	14.23	14.27	14.15	14.11		
20	64QAM	50	50	14.18	14.19	13.90	14.07		
20	64QAM	100	0	14.21	14.36	14.08	14.10		
20	256QAM	1	0	12.02	11.97	11.96	12.00	13.4	5
20	256QAM	1	49	11.89	11.85	11.88	11.90		
20	256QAM	1	99	11.85	11.93	11.95	11.88		
20	256QAM	50	0	11.91	11.96	11.92	12.03	13.4	5
20	256QAM	50	24	11.89	11.93	11.92	11.89		
20	256QAM	50	50	11.90	11.92	11.87	11.86		
20	256QAM	100	0	11.91	11.81	11.87	11.92		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.92	17.10	16.96	17.09	18.4	0
15	QPSK	1	37	16.82	17.09	17.10	16.88		
15	QPSK	1	74	16.84	16.96	16.98	16.85		
15	QPSK	36	0	15.90	16.04	15.99	15.86	17.4	1
15	QPSK	36	20	15.98	16.04	15.86	15.94		
15	QPSK	36	39	15.98	15.96	15.93	15.92		
15	QPSK	75	0	15.90	16.05	16.01	15.98		
15	16QAM	1	0	16.16	16.13	16.04	16.04	17.4	1
15	16QAM	1	37	15.82	15.98	16.01	15.87		
15	16QAM	1	74	15.92	15.96	15.85	15.92		
15	16QAM	36	0	14.87	15.05	14.92	15.09	16.4	2
15	16QAM	36	20	15.00	15.06	15.01	14.89		
15	16QAM	36	39	14.91	14.97	15.01	14.99		
15	16QAM	75	0	14.92	15.08	14.96	15.00		
15	64QAM	1	0	14.93	14.95	14.86	14.90	16.4	2
15	64QAM	1	37	15.01	15.11	14.89	14.90		
15	64QAM	1	74	14.94	14.95	14.91	14.78		
15	64QAM	36	0	13.97	14.02	13.97	14.00	15.4	3
15	64QAM	36	20	13.97	13.93	14.00	14.04		
15	64QAM	36	39	13.84	13.90	13.77	13.93		
15	64QAM	75	0	13.88	14.04	13.95	14.00		
15	256QAM	1	0	11.98	11.82	11.91	11.95	13.4	5
15	256QAM	1	37	11.85	11.77	11.84	11.82		
15	256QAM	1	74	11.73	11.80	11.84	11.75		
15	256QAM	36	0	11.76	11.85	11.87	11.95	13.4	5
15	256QAM	36	20	11.81	11.80	11.81	11.82		
15	256QAM	36	39	11.81	11.81	11.79	11.79		
15	256QAM	75	0	11.83	11.73	11.78	11.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.83	17.04	16.96	17.07	18.4	0
10	QPSK	1	25	16.86	17.09	17.09	16.94		
10	QPSK	1	49	16.93	16.96	16.95	16.85		
10	QPSK	25	0	15.94	16.02	15.99	15.88	17.4	1
10	QPSK	25	12	15.89	16.01	15.84	15.89		
10	QPSK	25	25	15.86	15.91	15.87	15.90		
10	QPSK	50	0	15.87	16.03	16.06	15.88		
10	16QAM	1	0	16.11	16.09	16.04	16.01	17.4	1
10	16QAM	1	25	15.83	16.06	16.03	15.95		
10	16QAM	1	49	15.90	15.94	15.90	15.89		
10	16QAM	25	0	14.84	14.99	15.03	15.09	16.4	2
10	16QAM	25	12	15.04	15.10	14.97	14.92		
10	16QAM	25	25	14.90	14.95	14.93	14.91		
10	16QAM	50	0	14.89	15.02	14.92	15.07		
10	64QAM	1	0	14.97	14.94	14.94	14.90	16.4	2
10	64QAM	1	25	15.03	15.05	14.89	14.83		
10	64QAM	1	49	14.87	14.96	14.99	14.85		
10	64QAM	25	0	13.94	14.03	13.93	13.98	15.4	3
10	64QAM	25	12	13.91	13.93	14.08	14.06		
10	64QAM	25	25	13.87	13.86	13.87	13.94		
10	64QAM	50	0	13.96	14.02	13.98	14.03		
10	256QAM	1	0	11.89	11.85	11.91	11.91	13.4	5
10	256QAM	1	25	11.83	11.71	11.76	11.79		
10	256QAM	1	49	11.72	11.89	11.89	11.79		
10	256QAM	25	0	11.83	11.88	11.82	11.89	13.4	5
10	256QAM	25	12	11.76	11.88	11.82	11.80		
10	256QAM	25	25	11.77	11.86	11.83	11.73		
10	256QAM	50	0	11.80	11.73	11.79	11.79		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.92	17.13	16.93	17.10	18.4	0
5	QPSK	1	12	16.88	17.06	17.01	16.97		
5	QPSK	1	24	16.93	16.94	16.92	16.84		
5	QPSK	12	0	15.89	16.04	15.90	15.79	17.4	1
5	QPSK	12	7	15.87	16.00	15.85	15.89		
5	QPSK	12	13	15.95	15.85	15.85	15.89		
5	QPSK	25	0	15.92	15.99	16.05	15.91		
5	16QAM	1	0	16.16	16.17	16.06	16.06	17.4	1
5	16QAM	1	12	15.86	16.04	16.02	15.90		
5	16QAM	1	24	15.93	15.96	15.94	15.90		
5	16QAM	12	0	14.82	14.99	14.93	15.09	16.4	2
5	16QAM	12	7	15.02	15.06	15.00	14.89		
5	16QAM	12	13	14.92	15.02	14.92	14.98		
5	16QAM	25	0	14.94	15.10	14.88	15.09		
5	64QAM	1	0	14.92	14.91	14.87	14.98	16.4	2
5	64QAM	1	12	15.02	15.12	14.94	14.81		
5	64QAM	1	24	14.90	15.04	14.93	14.87		
5	64QAM	12	0	14.04	13.98	13.99	14.01	15.4	3
5	64QAM	12	7	13.94	13.97	14.06	14.03		
5	64QAM	12	13	13.95	13.85	13.80	13.95		
5	64QAM	25	0	13.91	14.01	13.93	13.97		
5	256QAM	1	0	11.90	11.84	11.84	11.97	13.4	5
5	256QAM	1	12	11.78	11.82	11.80	11.81		
5	256QAM	1	24	11.75	11.83	11.87	11.85		
5	256QAM	12	0	11.80	11.86	11.86	11.98	13.4	5
5	256QAM	12	7	11.76	11.81	11.84	11.86		
5	256QAM	12	13	11.80	11.80	11.75	11.82		
5	256QAM	25	0	11.87	11.69	11.78	11.81		

Band 48 Ant5 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.24	20.31	20.18	20.16	21.4	0
20	QPSK	1	49	20.21	20.25	20.21	20.16		
20	QPSK	1	99	20.19	20.24	20.09	20.14		
20	QPSK	50	0	19.22	19.34	19.29	19.27	20.4	1
20	QPSK	50	24	19.20	19.33	19.15	19.06		
20	QPSK	50	50	19.14	19.28	19.13	19.05		
20	QPSK	100	0	19.28	19.37	19.26	19.27		
20	16QAM	1	0	19.34	19.44	19.42	19.39	20.4	1
20	16QAM	1	49	19.24	19.35	19.27	19.19		
20	16QAM	1	99	19.25	19.29	19.22	19.11		
20	16QAM	50	0	18.30	18.43	18.32	18.25	19.4	2
20	16QAM	50	24	18.34	18.41	18.29	18.22		
20	16QAM	50	50	18.38	18.40	18.34	18.15		
20	16QAM	100	0	18.47	18.50	18.35	18.22		
20	64QAM	1	0	18.26	18.34	18.24	18.17	19.4	2
20	64QAM	1	49	18.30	18.30	18.21	18.18		
20	64QAM	1	99	18.11	18.14	18.10	18.02		
20	64QAM	50	0	17.38	17.48	17.35	17.24	18.4	3
20	64QAM	50	24	17.19	17.22	17.17	17.16		
20	64QAM	50	50	17.27	17.42	17.40	17.29		
20	64QAM	100	0	17.51	17.46	17.33	17.36		
20	256QAM	1	0	15.49	15.32	15.45	15.41	16.4	5
20	256QAM	1	49	15.27	15.21	15.31	15.37		
20	256QAM	1	99	15.35	15.24	15.30	15.34		
20	256QAM	50	0	15.41	15.30	15.36	15.36	16.4	5
20	256QAM	50	24	15.26	15.21	15.33	15.32		
20	256QAM	50	50	15.42	15.20	15.29	15.40		
20	256QAM	100	0	15.37	15.26	15.22	15.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.17	20.26	20.12	20.02	21.4	0
15	QPSK	1	37	20.09	20.14	20.14	20.06		
15	QPSK	1	74	20.09	20.13	19.98	20.02		
15	QPSK	36	0	19.07	19.27	19.22	19.20	20.4	1
15	QPSK	36	20	19.15	19.22	19.02	19.06		
15	QPSK	36	39	18.99	19.15	19.10	18.99		
15	QPSK	75	0	19.25	19.29	19.19	19.13		
15	16QAM	1	0	19.28	19.34	19.34	19.27	20.4	1
15	16QAM	1	37	19.15	19.22	19.18	19.15		
15	16QAM	1	74	19.16	19.15	19.16	19.06		
15	16QAM	36	0	18.25	18.39	18.20	18.17	19.4	2
15	16QAM	36	20	18.20	18.36	18.21	18.12		
15	16QAM	36	39	18.24	18.32	18.20	18.01		
15	16QAM	75	0	18.40	18.40	18.20	18.12		
15	64QAM	1	0	18.14	18.25	18.10	18.05	19.4	2
15	64QAM	1	37	18.25	18.25	18.08	18.06		
15	64QAM	1	74	18.29	17.98	18.02	18.03		
15	64QAM	36	0	17.24	17.40	17.22	17.18	18.4	3
15	64QAM	36	20	17.13	17.13	17.13	17.05		
15	64QAM	36	39	17.17	17.31	17.28	17.22		
15	64QAM	75	0	17.44	17.34	17.30	17.22		
15	256QAM	1	0	15.45	15.37	15.39	15.40	16.4	5
15	256QAM	1	37	15.31	15.14	15.33	15.39		
15	256QAM	1	74	15.36	15.19	15.29	15.38		
15	256QAM	36	0	15.41	15.34	15.36	15.34	16.4	5
15	256QAM	36	20	15.31	15.17	15.35	15.33		
15	256QAM	36	39	15.37	15.18	15.25	15.41		
15	256QAM	75	0	15.32	15.29	15.22	15.36		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.13	20.24	20.08	20.07	21.4	0
10	QPSK	1	25	20.11	20.15	20.11	20.10		
10	QPSK	1	49	20.08	20.11	20.04	20.06		
10	QPSK	25	0	19.18	19.27	19.21	19.22	20.4	1
10	QPSK	25	12	19.07	19.22	19.03	19.03		
10	QPSK	25	25	19.03	19.22	19.04	18.99		
10	QPSK	50	0	19.23	19.24	19.21	19.24		
10	16QAM	1	0	19.28	19.32	19.33	19.31	20.4	1
10	16QAM	1	25	19.18	19.25	19.15	19.10		
10	16QAM	1	49	19.22	19.20	19.10	18.98		
10	16QAM	25	0	18.23	18.32	18.18	18.13	19.4	2
10	16QAM	25	12	18.28	18.35	18.17	18.12		
10	16QAM	25	25	18.34	18.33	18.25	18.11		
10	16QAM	50	0	18.35	18.43	18.23	18.07		
10	64QAM	1	0	18.22	18.29	18.21	18.03	19.4	2
10	64QAM	1	25	18.27	18.26	18.13	18.09		
10	64QAM	1	49	18.06	18.04	18.02	18.00		
10	64QAM	25	0	17.31	17.37	17.20	17.16	18.4	3
10	64QAM	25	12	17.15	17.11	17.08	17.06		
10	64QAM	25	25	17.23	17.39	17.28	17.14		
10	64QAM	50	0	17.41	17.40	17.25	17.24		
10	256QAM	1	0	15.45	15.34	15.40	15.38	16.4	5
10	256QAM	1	25	15.32	15.14	15.30	15.32		
10	256QAM	1	49	15.33	15.22	15.25	15.33		
10	256QAM	25	0	15.41	15.35	15.28	15.32	16.4	5
10	256QAM	25	12	15.30	15.20	15.31	15.34		
10	256QAM	25	25	15.42	15.23	15.30	15.46		
10	256QAM	50	0	15.33	15.21	15.26	15.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.14	20.23	20.04	20.04	21.4	0
5	QPSK	1	12	20.18	20.20	20.18	20.08		
5	QPSK	1	24	20.08	20.17	20.01	20.07		
5	QPSK	12	0	19.10	19.27	19.24	19.15	20.4	1
5	QPSK	12	7	19.16	19.21	19.10	18.99		
5	QPSK	12	13	19.03	19.16	19.00	18.99		
5	QPSK	25	0	19.18	19.24	19.15	19.20		
5	16QAM	1	0	19.31	19.39	19.28	19.27	20.4	1
5	16QAM	1	12	19.12	19.24	19.12	19.08		
5	16QAM	1	24	19.15	19.18	19.15	19.08		
5	16QAM	12	0	18.24	18.29	18.18	18.15	19.4	2
5	16QAM	12	7	18.20	18.32	18.16	18.09		
5	16QAM	12	13	18.30	18.35	18.28	18.11		
5	16QAM	25	0	18.43	18.37	18.23	18.15		
5	64QAM	1	0	18.20	18.21	18.15	18.10	19.4	2
5	64QAM	1	12	18.20	18.21	18.14	18.07		
5	64QAM	1	24	18.03	18.09	18.03	18.07		
5	64QAM	12	0	17.34	17.42	17.23	17.13	18.4	3
5	64QAM	12	7	17.10	17.13	17.11	17.05		
5	64QAM	12	13	17.16	17.34	17.29	17.24		
5	64QAM	25	0	17.48	17.31	17.27	17.24		
5	256QAM	1	0	15.48	15.31	15.39	15.39	16.4	5
5	256QAM	1	12	15.33	15.16	15.32	15.36		
5	256QAM	1	24	15.36	15.23	15.28	15.41		
5	256QAM	12	0	15.40	15.37	15.32	15.36	16.4	5
5	256QAM	12	7	15.25	15.17	15.33	15.38		
5	256QAM	12	13	15.44	15.24	15.30	15.38		
5	256QAM	25	0	15.36	15.26	15.28	15.31		

Band 48 Ant8 ECI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	10.98	11.23	11.19	11.16	12.2	0
20	QPSK	1	49	11.12	11.16	11.13	11.17		
20	QPSK	1	99	11.06	11.19	11.05	10.99		
20	QPSK	50	0	10.28	10.36	10.26	10.26	11.2	1
20	QPSK	50	24	10.16	10.28	10.22	10.25		
20	QPSK	50	50	10.08	10.19	10.13	10.12		
20	QPSK	100	0	10.05	10.19	10.06	10.07		
20	16QAM	1	0	10.32	10.33	10.34	10.39	11.2	1
20	16QAM	1	49	10.20	10.25	10.26	10.24		
20	16QAM	1	99	10.13	10.27	10.13	10.19		
20	16QAM	50	0	9.14	9.18	9.04	9.05	10.2	2
20	16QAM	50	24	9.01	9.17	9.05	9.07		
20	16QAM	50	50	9.14	9.21	9.01	9.14		
20	16QAM	100	0	9.20	9.20	9.11	9.16		
20	64QAM	1	0	9.12	9.34	9.21	9.23	10.2	2
20	64QAM	1	49	9.28	9.36	9.17	9.24		
20	64QAM	1	99	9.14	9.25	9.11	9.19		
20	64QAM	50	0	8.18	8.34	8.12	8.17	9.2	3
20	64QAM	50	24	8.21	8.20	8.15	8.17		
20	64QAM	50	50	8.24	8.30	8.22	8.20		
20	64QAM	100	0	7.97	8.04	7.98	7.95		
20	256QAM	1	0	6.07	5.94	6.03	6.04	7.2	5
20	256QAM	1	49	5.86	5.83	5.81	5.99		
20	256QAM	1	99	6.02	5.91	5.91	6.08		
20	256QAM	50	0	6.09	5.86	6.01	5.95	7.2	5
20	256QAM	50	24	6.01	5.87	5.82	5.97		
20	256QAM	50	50	6.00	5.83	5.91	6.09		
20	256QAM	100	0	5.86	5.87	5.90	5.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	10.94	11.17	11.06	11.03	12.2	0
15	QPSK	1	37	11.05	11.11	11.03	11.13		
15	QPSK	1	74	10.94	11.07	10.93	10.95		
15	QPSK	36	0	10.15	10.30	10.17	10.17	11.2	1
15	QPSK	36	20	10.09	10.14	10.18	10.15		
15	QPSK	36	39	9.96	10.09	10.02	10.06		
15	QPSK	75	0	9.92	10.09	9.96	9.95		
15	16QAM	1	0	10.20	10.26	10.30	10.31	11.2	1
15	16QAM	1	37	10.06	10.20	10.21	10.18		
15	16QAM	1	74	9.99	10.23	10.07	10.15		
15	16QAM	36	0	9.01	9.09	8.94	8.94	10.2	2
15	16QAM	36	20	8.93	9.04	8.97	9.00		
15	16QAM	36	39	9.01	9.16	8.91	9.11		
15	16QAM	75	0	9.15	9.09	9.07	9.10		
15	64QAM	1	0	9.00	9.30	9.09	9.08	10.2	2
15	64QAM	1	37	9.20	9.27	9.13	9.18		
15	64QAM	1	74	9.04	9.21	8.98	9.12		
15	64QAM	36	0	8.04	8.27	8.05	8.10	9.2	3
15	64QAM	36	20	8.10	8.11	8.01	8.09		
15	64QAM	36	39	8.16	8.20	8.18	8.13		
15	64QAM	75	0	7.88	7.89	7.83	7.86		
15	256QAM	1	0	5.99	5.84	5.91	5.99	7.2	5
15	256QAM	1	37	5.73	5.76	5.75	5.85		
15	256QAM	1	74	5.89	5.84	5.77	5.96		
15	256QAM	36	0	5.95	5.80	5.94	5.92	7.2	5
15	256QAM	36	20	5.88	5.77	5.71	5.91		
15	256QAM	36	39	5.92	5.79	5.80	6.02		
15	256QAM	75	0	5.82	5.79	5.79	5.76		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	10.91	11.19	11.15	11.12	12.2	0
10	QPSK	1	25	10.98	11.06	11.06	11.11		
10	QPSK	1	49	11.03	11.12	10.94	10.84		
10	QPSK	25	0	10.24	10.23	10.21	10.20	11.2	1
10	QPSK	25	12	10.02	10.24	10.14	10.15		
10	QPSK	25	25	9.94	10.11	10.01	10.07		
10	QPSK	50	0	9.96	10.10	9.98	9.95		
10	16QAM	1	0	10.17	10.28	10.25	10.26	11.2	1
10	16QAM	1	25	10.08	10.16	10.16	10.13		
10	16QAM	1	49	10.01	10.14	10.08	10.13		
10	16QAM	25	0	9.01	9.07	8.91	9.01	10.2	2
10	16QAM	25	12	8.93	9.05	9.01	9.01		
10	16QAM	25	25	9.01	9.07	8.88	9.08		
10	16QAM	50	0	9.16	9.13	8.98	9.05		
10	64QAM	1	0	9.08	9.20	9.15	9.16	10.2	2
10	64QAM	1	25	9.16	9.30	9.10	9.19		
10	64QAM	1	49	9.00	9.16	9.00	9.15		
10	64QAM	25	0	8.08	8.27	8.03	8.10	9.2	3
10	64QAM	25	12	8.10	8.15	8.08	8.12		
10	64QAM	25	25	8.19	8.23	8.16	8.16		
10	64QAM	50	0	7.84	7.92	7.90	7.81		
10	256QAM	1	0	5.95	5.85	5.89	5.96	7.2	5
10	256QAM	1	25	5.81	5.69	5.75	5.90		
10	256QAM	1	49	5.90	5.83	5.84	6.02		
10	256QAM	25	0	5.98	5.79	5.94	5.82	7.2	5
10	256QAM	25	12	5.91	5.74	5.71	5.82		
10	256QAM	25	25	5.92	5.80	5.81	5.99		
10	256QAM	50	0	5.82	5.75	5.80	5.82		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	10.90	11.17	11.15	11.10	12.2	0
5	QPSK	1	12	11.06	11.06	11.08	11.04		
5	QPSK	1	24	10.91	11.10	10.91	10.86		
5	QPSK	12	0	10.14	10.29	10.13	10.17	11.2	1
5	QPSK	12	7	10.09	10.20	10.14	10.20		
5	QPSK	12	13	10.05	10.05	10.03	10.01		
5	QPSK	25	0	9.94	10.05	10.02	10.00		
5	16QAM	1	0	10.23	10.20	10.19	10.31	11.2	1
5	16QAM	1	12	10.17	10.11	10.20	10.14		
5	16QAM	1	24	10.02	10.21	10.09	10.09		
5	16QAM	12	0	9.00	9.05	8.91	8.90	10.2	2
5	16QAM	12	7	8.96	9.04	8.92	8.93		
5	16QAM	12	13	9.03	9.12	8.91	8.99		
5	16QAM	25	0	9.14	9.15	9.00	9.08		
5	64QAM	1	0	9.08	9.20	9.14	9.15	10.2	2
5	64QAM	1	12	9.15	9.27	9.06	9.17		
5	64QAM	1	24	9.09	9.17	8.98	9.05		
5	64QAM	12	0	8.11	8.30	8.01	8.11	9.2	3
5	64QAM	12	7	8.10	8.09	8.12	8.02		
5	64QAM	12	13	8.12	8.24	8.08	8.07		
5	64QAM	25	0	7.87	7.99	7.91	7.85		
5	256QAM	1	0	5.95	5.90	5.97	5.93	7.2	5
5	256QAM	1	12	5.78	5.78	5.68	5.93		
5	256QAM	1	24	5.88	5.78	5.76	5.95		
5	256QAM	12	0	5.95	5.71	5.98	5.82	7.2	5
5	256QAM	12	7	5.98	5.74	5.68	5.92		
5	256QAM	12	13	5.87	5.79	5.83	6.03		
5	256QAM	25	0	5.80	5.82	5.81	5.82		

Uplink CA Power

Ant0 Full Power

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	22.30	24.00
132322	132520	QPSK	1	99	1	0	2	0	22.43	24.00
132572	132374	QPSK	1	0	1	99	2	0	22.26	24.00

Ant1 Full Power

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	22.11	24.00
132322	132520	QPSK	1	99	1	0	2	0	22.13	24.00
132572	132374	QPSK	1	0	1	99	2	0	22.09	24.00

Ant0 Full Power

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	22.81	24.00
20525	20597	QPSK	1	49	1	0	2	0	22.97	24.00
20600	20528	QPSK	1	0	1	24	2	0	22.84	24.00

Ant1 Full Power

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	22.41	24.00
20525	20597	QPSK	1	49	1	0	2	0	22.66	24.00
20600	20528	QPSK	1	0	1	24	2	0	22.46	24.00

Ant0 Full Power

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	22.12	24.00
132322	132415	QPSK	1	74	1	0	2	0	22.49	24.00
132597	132504	QPSK	1	0	1	24	2	0	22.23	24.00

Ant1 Full Power

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	22.03	24.00
132322	132415	QPSK	1	74	1	0	2	0	22.09	24.00
132597	132504	QPSK	1	0	1	24	2	0	22.05	24.00

Ant3 Full Power

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	22.41	24.00
55830	56028	QPSK	1	99	1	0	2	0	22.56	24.00
56150	56348	QPSK	1	99	1	0	2	0	22.28	24.00
56640	56442	QPSK	1	0	1	99	2	0	22.38	24.00

Ant4 Full Power

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	22.33	24.00
55830	56028	QPSK	1	99	1	0	2	0	22.45	24.00
56150	56348	QPSK	1	99	1	0	2	0	22.36	24.00
56640	56442	QPSK	1	0	1	99	2	0	22.49	24.00

Ant5 Full Power

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	21.77	23.30
55830	56028	QPSK	1	99	1	0	2	0	21.82	23.30
56150	56348	QPSK	1	99	1	0	2	0	21.75	23.30
56640	56442	QPSK	1	0	1	99	2	0	21.59	23.30

Ant8 Full Power

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	21.33	23.10
55830	56028	QPSK	1	99	1	0	2	0	21.62	23.10
56150	56348	QPSK	1	99	1	0	2	0	21.54	23.10
56640	56442	QPSK	1	0	1	99	2	0	21.61	23.10

Ant3 Full Power

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	22.37	24.00
55820	55913	QPSK	1	74	1	0	2	0	22.44	24.00
56150	56348	QPSK	1	74	1	0	2	0	22.11	24.00
56665	56572	QPSK	1	0	1	24	2	0	22.28	24.00

Ant4 Full Power

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	22.28	24.00
55820	55913	QPSK	1	74	1	0	2	0	22.34	24.00
56150	56348	QPSK	1	74	1	0	2	0	22.27	24.00
56665	56572	QPSK	1	0	1	24	2	0	22.32	24.00

Ant5 Full Power

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	21.57	23.30
55820	55913	QPSK	1	74	1	0	2	0	21.72	23.30
56150	56348	QPSK	1	74	1	0	2	0	21.63	23.30
56665	56572	QPSK	1	0	1	24	2	0	21.61	23.30

Ant8 Full Power

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	21.24	23.10
55820	55913	QPSK	1	74	1	0	2	0	21.52	23.10
56150	56348	QPSK	1	74	1	0	2	0	21.48	23.10
56665	56572	QPSK	1	0	1	24	2	0	21.56	23.10

Ant1 Receiver on

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	20.72	21.90
20525	20597	QPSK	1	49	1	0	2	0	20.78	21.90
20600	20528	QPSK	1	0	1	24	2	0	20.77	21.90

Ant1 Hotspot

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	22.03	23.20
20525	20597	QPSK	1	49	1	0	2	0	22.08	23.20
20600	20528	QPSK	1	0	1	24	2	0	22.01	23.20

Ant1 Sensor On

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	22.36	23.60
20525	20597	QPSK	1	49	1	0	2	0	22.61	23.60
20600	20528	QPSK	1	0	1	24	2	0	22.44	23.60

Ant0 Sensor On

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	17.23	18.50
132322	132520	QPSK	1	99	1	0	2	0	17.65	18.50
132572	132374	QPSK	1	0	1	99	2	0	17.35	18.50

Ant0 Hotspot

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	16.58	17.30
132322	132520	QPSK	1	99	1	0	2	0	16.76	17.30
132572	132374	QPSK	1	0	1	99	2	0	16.58	17.30

Ant0 Handheld

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	18.61	20.50
132322	132520	QPSK	1	99	1	0	2	0	18.90	20.50
132572	132374	QPSK	1	0	1	99	2	0	18.70	20.50

Ant0 Sensor On

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	17.39	18.50
132322	132415	QPSK	1	74	1	0	2	0	17.49	18.50
132597	132504	QPSK	1	0	1	24	2	0	17.17	18.50

Ant0 Hotspot

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	16.48	17.30
132322	132415	QPSK	1	74	1	0	2	0	16.70	17.30
132597	132504	QPSK	1	0	1	24	2	0	16.59	17.30

Ant0 Handheld

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	18.49	20.50
132322	132415	QPSK	1	74	1	0	2	0	18.48	20.50
132597	132504	QPSK	1	0	1	24	2	0	18.41	20.50

Ant1 Receiver on

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	16.16	17.50
132322	132520	QPSK	1	99	1	0	2	0	16.34	17.50
132572	132374	QPSK	1	0	1	99	2	0	16.25	17.50

Ant1 Sensor on&Hotspot

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	16.17	17.70
132322	132520	QPSK	1	99	1	0	2	0	16.32	17.70
132572	132374	QPSK	1	0	1	99	2	0	16.31	17.70

Ant1 Handheld

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	17.98	19.90
132322	132520	QPSK	1	99	1	0	2	0	18.06	19.90
132572	132374	QPSK	1	0	1	99	2	0	18.05	19.90

Ant1 Receiver on&Sensor on&Hotspot

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	16.21	17.50
132322	132415	QPSK	1	74	1	0	2	0	16.29	17.50
132597	132504	QPSK	1	0	1	24	2	0	16.22	17.50

Ant1 Handheld

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	17.99	19.90
132322	132415	QPSK	1	74	1	0	2	0	18.07	19.90
132597	132504	QPSK	1	0	1	24	2	0	18.06	19.90

Ant3 Receiver on

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	18.74	19.90
55830	56028	QPSK	1	99	1	0	2	0	18.80	19.90
56150	56348	QPSK	1	99	1	0	2	0	18.58	19.90
56640	56442	QPSK	1	0	1	99	2	0	18.75	19.90

Ant3 Sensor on&Hotspot

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	17.19	18.70
55830	56028	QPSK	1	99	1	0	2	0	17.45	18.70
56150	56348	QPSK	1	99	1	0	2	0	17.10	18.70
56640	56442	QPSK	1	0	1	99	2	0	17.17	18.70

Ant3 Handheld

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	19.78	21.00
55830	56028	QPSK	1	99	1	0	2	0	19.71	21.00
56150	56348	QPSK	1	99	1	0	2	0	19.43	21.00
56640	56442	QPSK	1	0	1	99	2	0	19.68	21.00

Ant3 Receiver on

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	18.63	19.90
55830	55923	QPSK	1	74	1	0	2	0	18.78	19.90
56150	56348	QPSK	1	74	1	0	2	0	18.47	19.90
56665	56572	QPSK	1	0	1	24	2	0	18.67	19.90

Ant3 Sensor on&Hotspot

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	17.18	18.70
55830	55923	QPSK	1	74	1	0	2	0	17.27	18.70
56150	56348	QPSK	1	74	1	0	2	0	17.06	18.70
56665	56572	QPSK	1	0	1	24	2	0	17.16	18.70

Ant3 Handheld

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	19.64	21.00
55830	55923	QPSK	1	74	1	0	2	0	19.66	21.00
56150	56348	QPSK	1	74	1	0	2	0	19.34	21.00
56665	56572	QPSK	1	0	1	24	2	0	19.50	21.00

Ant4 Sensor on&Hotspot

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	17.06	18.40
55830	56028	QPSK	1	99	1	0	2	0	17.32	18.40
56150	56348	QPSK	1	99	1	0	2	0	16.81	18.40
56640	56442	QPSK	1	0	1	99	2	0	16.97	18.40

Ant4 Handheld

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	19.79	21.00
55830	56028	QPSK	1	99	1	0	2	0	19.97	21.00
56150	56348	QPSK	1	99	1	0	2	0	19.75	21.00
56640	56442	QPSK	1	0	1	99	2	0	19.89	21.00

Ant4 Sensor on&Hotspot

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	16.79	18.40
55830	55923	QPSK	1	74	1	0	2	0	17.07	18.40
56150	56348	QPSK	1	74	1	0	2	0	16.89	18.40
56665	56572	QPSK	1	0	1	24	2	0	17.06	18.40

Ant4 Handheld

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	19.75	21.00
55830	55923	QPSK	1	74	1	0	2	0	19.74	21.00
56150	56348	QPSK	1	74	1	0	2	0	19.54	21.00
56665	56572	QPSK	1	0	1	24	2	0	19.65	21.00

Ant5 Sensor on

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	20.08	21.40
55830	56028	QPSK	1	99	1	0	2	0	20.23	21.40
56150	56348	QPSK	1	99	1	0	2	0	20.00	21.40
56640	56442	QPSK	1	0	1	99	2	0	20.07	21.40

Ant5 Sensor on

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	20.12	21.40
55830	55923	QPSK	1	74	1	0	2	0	20.21	21.40
56150	56348	QPSK	1	74	1	0	2	0	20.08	21.40
56665	56572	QPSK	1	0	1	24	2	0	19.87	21.40

Ant8 Sensor on&Hotspot

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	10.94	12.20
55830	56028	QPSK	1	99	1	0	2	0	11.20	12.20
56150	56348	QPSK	1	99	1	0	2	0	11.14	12.20
56640	56442	QPSK	1	0	1	99	2	0	11.02	12.20

Ant8 Handheld

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	17.13	18.20
55830	56028	QPSK	1	99	1	0	2	0	17.23	18.20
56150	56348	QPSK	1	99	1	0	2	0	17.18	18.20
56640	56442	QPSK	1	0	1	99	2	0	17.23	18.20

Ant8 Sensor on&Hotspot

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	10.86	12.20
55830	55923	QPSK	1	74	1	0	2	0	11.05	12.20
56150	56348	QPSK	1	74	1	0	2	0	10.90	12.20
56665	56572	QPSK	1	0	1	24	2	0	10.92	12.20

Ant8 Handheld

CA_48B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55315	55408	QPSK	1	74	1	0	2	0	16.94	18.20
55830	55923	QPSK	1	74	1	0	2	0	17.18	18.20
56150	56348	QPSK	1	74	1	0	2	0	17.07	18.20
56665	56572	QPSK	1	0	1	24	2	0	17.02	18.20

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-2A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1988	1175	4x4MIMO	22.44	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1988	1175	4x4MIMO	22.15	22.32
CA_2A-4A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	22.43	22.62
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.34	22.54
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	22.17	22.32
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.96	22.19
CA_2A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.52	22.62
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.95	23.12
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.14	22.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.47	22.59
CA_2A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.51	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.20	22.32
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.34	22.47
CA_2A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.47	22.62
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.70	22.89
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.20	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.79	22.89
CA_2A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	22.47	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	22.19	22.32
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.43	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.40	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.79	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.59	21.76
CA_2A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.44	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.40	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.19	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.03	22.23
CA_4A-4A	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2153	2375	4x4MIMO	22.34	22.54
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2153	2375	4x4MIMO	22.07	22.19
CA_4A-5A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.32	22.54
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	22.92	23.12
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.06	22.19
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	22.47	22.59
CA_4A-13A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.45	22.54
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	22.74	22.89
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		21.97	22.19
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	22.69	22.92
CA_4A-48A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	22.33	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	21.97	22.19
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	22.51	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	21.68	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	21.64	21.76
CA_5B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		23.02	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		22.35	22.59
CA_5A-5A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		22.90	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		22.39	22.59
CA_5A-48A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	22.98	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	22.38	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.42	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.77	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.62	21.76
CA_5A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	22.90	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.40	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	22.40	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.01	22.23
CA_7B	Band 7	Ant0	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544	3193	4x4MIMO	22.30	22.47
CA_7C	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2555	3298	4x4MIMO	22.34	22.47
CA_7A-7A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2688	3425	4x4MIMO	22.27	22.47
CA_7A-13A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.38	22.47
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.69	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.69	22.92
CA_7A-66A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.28	22.47
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.39	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.10	22.23
CA_13A-48A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	22.73	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	22.68	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.47	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		21.56	21.76
CA_13A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	22.68	22.89
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.47	22.57
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	22.78	22.92
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.09	22.23
CA_48B	Band 48	Ant3	15M	3608	55820	QPSK	1	0	4x4MIMO	Band 48	5M	3617	55913	4x4MIMO	22.42	22.53
	Band 48	Ant4	15M	3608	55820	QPSK	1	0	4x4MIMO	Band 48	5M	3617	55913	4x4MIMO	22.42	22.54
	Band 48	Ant5	15M	3608	55820	QPSK	1	0	4x4MIMO	Band 48	5M	3617	55913	4x4MIMO	21.68	21.84
	Band 48	Ant8	15M	3608	55820	QPSK	1	0	4x4MIMO	Band 48	5M	3617	55913	4x4MIMO	21.49	21.66
CA_48C	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3629	56028	4x4MIMO	22.52	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3629	56028	4x4MIMO	22.45	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3629	56028	4x4MIMO	21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3629	56028	4x4MIMO	21.58	21.76
CA_48A-48A	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3698	56715	4x4MIMO	22.41	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3698	56715	4x4MIMO	22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3698	56715	4x4MIMO	21.71	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3698	56715	4x4MIMO	21.64	21.76
CA_48A-66A	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.37	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.38	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.72	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.61	21.76
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	22.45	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	22.13	22.23
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2198	67311	4x4MIMO	22.38	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2198	67311	4x4MIMO	21.94	22.11
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2175	67084	4x4MIMO	22.47	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2175	67084	4x4MIMO	22.01	22.23
CA_66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2178	67111	4x4MIMO	22.47	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2178	67111	4x4MIMO	22.11	22.23

3CA DL

3CA List	PCC									SCC1						SCC2						Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A-4A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.46	22.62
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.35	22.54
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.16	22.32
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.04	22.19
CA_2A-2A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 5	10M	881.5	2525			22.52	22.62
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	5M	1987.5	1175	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		23.04	23.12
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 5	10M	881.5	2525			22.25	22.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	5M	1987.5	1175	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.46	22.59
CA_2A-2A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 13	10M	751	5230			22.45	22.62
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.74	22.89
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 13	10M	751	5230			22.22	22.32
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.77	22.92
CA_2A-2A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 66	20M	2155	66886	4x4MIMO		22.51	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.49	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO		Band 66	20M	2155	66886	4x4MIMO		22.15	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1880	900	4x4MIMO		Band 2	5M	1987.5	1175	4x4MIMO		22.12	22.23
CA_2A-4A-4A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	20175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.45	22.62
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 2	20M	1880	900	4x4MIMO		22.38	22.54
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	20175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.51	22.62
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 2	20M	1880	900	4x4MIMO		22.41	22.54
CA_2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			22.40	22.62
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900	4x4MIMO		22.42	22.54
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.97	23.12
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			22.17	22.32
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900	4x4MIMO		22.05	22.19
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.47	22.59
CA_2A-4A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 13	10M	751	5230			22.48	22.62
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 2	20M	1960	900	4x4MIMO		22.37	22.54
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.77	22.89
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 13	10M	751	5230			22.21	22.32
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 2	20M	1960	900	4x4MIMO		22.03	22.19
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.84	22.92
CA_2A-5B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			22.54	22.62
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 2	20M	1960	900	4x4MIMO		22.92	23.12
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 5	5M	888.7	2597			22.16	22.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597			Band 2	20M	1960	900	4x4MIMO		22.46	22.59
CA_2A-5A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4x4MIMO		22.45	22.62
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.90	23.12
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 48	20M	3609	55830	4x4MIMO		22.12	22.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.44	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			22.42	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			22.37	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			21.83	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			21.66	21.76
CA_2A-5A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		22.51	22.62
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.90	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			22.36	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		22.24	22.32
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.44	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 5	10M	881.5	2525			22.08	22.23
CA_2A-7C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.41	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.13	22.32
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.27	22.47
CA_2A-7A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		22.49	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		22.17	22.32
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.38	22.47
CA_2A-7A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 7	20M	2655	3100	4x4MIMO		22.46	22.62
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.81	22.89
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 7	20M	2655	3100	4x4MIMO		22.22	22.32
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.70	22.92
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			22.28	22.47
CA_2A-7A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		22.53	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.46	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		22.12	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.16	22.23
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 66	20M	2155	66886	4x4MIMO		22.34	22.47
CA_2A-13A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 48	20M	3609	55830	4x4MIMO		22.44	22.62
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.77	22.89
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 48	20M	3609	55830	4x4MIMO		22.10	22.32
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.74	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			22.53	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			22.45	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			21.76	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			21.64	21.76
CA_2A-13A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 66	20M	2155	66886	4x4MIMO		22.40	22.62
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.68	22.89
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			22.41	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 66	20M	2155	66886	4x4MIMO		22.18	22.32
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.81	22.92
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 13	10M	751	5230			22.09	22.23
CA_2A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 48	20M	3628.8	56028	4x4MIMO		22.45	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 48	20M	3628.8	56028	4x4MIMO		22.18	22.32
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.46	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.47	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.84	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.55	21.76
CA_2A-48A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 48	5M	3697.5	56715	4x4MIMO		22.48	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 48	5M	3697.5	56715	4x4MIMO		22.13	22.32
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.48	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.49	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.71	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.59	21.76
CA_2A-48A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 66	20M	2155	66886	4x4MIMO		22.52	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 48	20M	3609	55830	4x4MIMO		22.36	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		Band 66	20M	2155	66886	4x4MIMO		22.12	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 48	20M	3609	55830	4x4MIMO		22.15	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.40	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.47	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.84	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.61	21.76
CA_2A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		22.44	22.62
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.39	22.53
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		22.16	22.32
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		21.93	22.11
CA_2A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	20M	2174.8	67084	4x4MIMO		22.45	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.47	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	20M	2174.8	67084	4x4MIMO		22.20	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.10	22.23
CA_2A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2177.5	67111	4x4MIMO		22.48	22.62
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.38	22.57
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2177.5	67111	4x4MIMO		22.18	22.32
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.02	22.23
CA_4A-4A-5A	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 5	10M	881.5	2525			22.39	22.54
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.98	23.12
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 5	10M	881.5	2525			22.02	22.19
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.46	22.59
CA_4A-4A-13A	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 13	10M	751	5230			22.34	22.54
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.74	22.89
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		Band 13	10M	751	5230			22.03	22.19
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 4	5M	2152.5	2375	4x4MIMO		22.78	22.92

3CA List	PCC									SCC1					SCC2						Power	
	LTE	BW	BW	UL	UL		UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel	Mod.	RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_4A-5B	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597			22.34	22.54
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 4	20M	2132.5	2175	4x4MIMO		22.94	23.12
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597			22.08	22.19
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 4	20M	2132.5	2175	4x4MIMO		22.51	22.59
CA_4A-48C	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.35	22.54
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		21.99	22.19
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		22.44	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		21.76	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		21.63	21.76
CA_5B-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO		22.97	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597			22.46	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO		22.49	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597			22.09	22.23
CA_5A-5A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO		22.90	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625			22.49	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO		22.44	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	5M	881.5	2525		Band 5	5M	891.5	2625			22.12	22.23
CA_5A-48C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		23.04	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.43	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 5	10M	881.5	2525			22.41	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 5	10M	881.5	2525			22.44	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 5	10M	881.5	2525			21.77	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 5	10M	881.5	2525			21.68	21.76
CA_5A-48A-48A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.99	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.51	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 5	10M	881.5	2525			22.40	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 5	10M	881.5	2525			22.39	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 5	10M	881.5	2525			21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 5	10M	881.5	2525			21.63	21.76
CA_5A-48A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.98	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO		22.35	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.50	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO		22.14	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			22.39	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			21.72	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			21.57	21.76
CA_5A-66B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.99	23.12
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525			22.33	22.53
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.46	22.59
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525			21.93	22.11
CA_5A-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		23.04	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525			22.46	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		22.39	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525			22.10	22.23
CA_5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		23.00	23.12
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 5	10M	881.5	2525			22.46	22.57
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		22.51	22.59
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 5	10M	881.5	2525			22.01	22.23
CA_7C-13A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		22.73	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		22.83	22.92
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 13	10M	751	5230			22.38	22.47
CA_7A-7A-13A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		22.76	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		22.79	22.92
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 13	10M	751	5230			22.28	22.47
CA_7C-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		22.42	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		22.15	22.23
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.27	22.47
CA_7A-7A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		22.48	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		22.02	22.23
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.33	22.47
CA_13A-48C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.76	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.71	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 13	10M	751	5230			22.49	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 13	10M	751	5230			22.40	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 13	10M	751	5230			21.79	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 13	10M	751	5230			21.59	21.76
CA_13A-48A-48A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.71	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.76	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 13	10M	751	5230			22.46	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 13	10M	751	5230			22.47	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 13	10M	751	5230			21.76	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 13	10M	751	5230			21.61	21.76
CA_13A-48A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.72	22.89
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO		22.40	22.57
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.78	22.92
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO		22.10	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230			22.49	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230			22.38	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230			21.73	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230			21.60	21.76
CA_13A-66B	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.76	22.89
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 13	10M	751	5230			22.33	22.53
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.74	22.92
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 13	10M	751	5230			22.04	22.11
CA_13A-66C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		22.69	22.89
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 13	10M	751	5230			22.47	22.57
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		22.81	22.92
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 13	10M	751	5230			22.14	22.23
CA_13A-66A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		22.67	22.89
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 13	10M	751	5230			22.37	22.57
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO		22.81	22.92
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 13	10M	751	5230			22.15	22.23
CA_48D	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO		22.49	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO		22.37	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO		21.70	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO		21.66	21.76
CA_48A-48C	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO		22.42	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO		22.51	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO		21.72	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO		21.59	21.76
CA_48A-48A-48A	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3560	55340	4x4MIMO		22.51	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3560	55340	4x4MIMO		22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3560	55340	4x4MIMO		21.78	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3560	55340	4x4MIMO		21.68	21.76
CA_48C-66A	Band 48	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.50	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO		22.14	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.40	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		21.66	21.76
CA_48A-48A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.42	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO		22.08	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.48	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		22.42	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		21.70	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		21.67	21.76
CA_48A-66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		22.45	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		22.00	22.11
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.47	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		22.45	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		21.76	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		21.60	21.76
CA_48A-66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		22.43	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO		22.05	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		22.43	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		22.42	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		21.72	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO		21.54	21.76
CA_48A-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66

4CA DL

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-2A-4A-4A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.50	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.19	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.48	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.99	22.19
CA_2A-2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.43	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.22	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		22.49	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		22.09	22.19
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.96	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.47	22.59
CA_2A-2A-4A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 13	10M	751	5230		22.43	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 13	10M	751	5230		22.13	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	10M	751	5230		22.47	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	10M	751	5230		22.00	22.19
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.74	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.86	22.92
CA_2A-2A-5B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.47	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.24	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.96	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.52	22.59
CA_2A-2A-5A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	22.53	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	22.18	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	23.06	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.46	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		22.39	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		22.11	22.23
CA_2A-2A-13A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4x4MIMO	22.56	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	5M	782	5230		Band 66	20M	2155	66886	4x4MIMO	22.18	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.79	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.77	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	10M	751	5230		22.44	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 13	10M	751	5230		22.15	22.23
CA_2A-2A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.44	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.23	22.32
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.45	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.94	22.11
CA_2A-2A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.56	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.21	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.39	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.17	22.23
CA_2A-2A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.26	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.40	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.16	22.23
CA_2A-4A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		22.49	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		22.14	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900	4x4MIMO	22.40	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900	4x4MIMO	22.00	22.19
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.01	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	1732.5	20175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.45	22.59
CA_2A-4A-4A-13A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 13	10M	751	5230		22.56	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 13	10M	751	5230		22.20	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4x4MIMO	22.38	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4x4MIMO	22.04	22.19
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.78	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.83	22.92
CA_2A-4A-5B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.45	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.18	22.32
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	22.42	22.54
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	22.08	22.19
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.96	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.49	22.59
CA_2A-5B-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	22.52	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	22.12	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	23.05	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.40	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.51	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.05	22.23
CA_2A-5A-5A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	22.43	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	22.26	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	23.00	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.51	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.48	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.17	22.23
CA_2A-5A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.16	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.97	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.44	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.50	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.73	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.68	21.76
CA_2A-5A-48A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	22.50	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	22.25	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.95	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.52	22.59
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.52	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.86	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.62	21.76
CA_2A-5A-48A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.46	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.15	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.95	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.41	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	22.46	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	22.12	22.23
CA_2A-5A-48A-66A	Band 48	Ant0	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.54	22.61
	Band 48	Ant1	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.44	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.84	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.59	21.76
CA_2A-5A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.51	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.18	22.32
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	23.03	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.45	22.59
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.39	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.99	22.11
CA_2A-5A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-13A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.48	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.17	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.82	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.76	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.55	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.79	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.57	21.76
CA_2A-13A-48A-48A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3620.7	55947	4x4MIMO	22.56	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	22.26	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.82	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.81	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.41	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.39	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.80	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.56	21.76
CA_2A-13A-48A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.53	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.15	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.83	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.86	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	22.37	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	22.03	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.53	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.40	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.75	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		21.59	21.76
CA_2A-13A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.50	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.18	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.80	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.72	22.92
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.38	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.00	22.11
CA_2A-13A-66C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.43	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.16	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.76	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.75	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.39	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.04	22.23
CA_2A-13A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.53	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.26	22.32
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.83	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.85	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.40	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 13	10M	751	5230		22.13	22.23
CA_2A-48D	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.14	22.32
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.45	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.41	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.87	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.64	21.76
CA_2A-48A-48C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.27	22.32
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.53	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3709.2	56832	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3709.2	56832	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.85	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3709.2	56832	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.68	21.76
CA_2A-48C-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.56	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.23	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.47	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.11	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.55	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.49	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.76	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.70	21.76
CA_2A-48A-48A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.49	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.22	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	22.45	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	22.12	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.53	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.45	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.80	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.63	21.76
CA_2A-66A-66B	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	22.19	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.43	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.04	22.23
CA_2A-66A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	22.54	22.62
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	22.16	22.32
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.50	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.04	22.23
CA_4A-4A-5B	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.35	22.54
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.02	22.19
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.93	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.53	22.59
CA_4A-48D	Band 4	Ant0	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.43	22.54
	Band 4	Ant1	20M	2132.5	20175	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.08	22.19
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.54	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.38	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.85	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.65	21.76
CA_5B-66B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.97	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.52	22.59
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.38	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.00	22.11
CA_5B-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.98	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.54	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.50	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.08	22.23
CA_5B-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	23.04	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.46	22.59
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.49	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		22.16	22.23
CA_5A-5A-66B	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.02	23.12
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.40	22.59
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.41	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		21.98	22.11

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL		LTE	BW	DL	DL		LTE	BW	DL	DL		LTE	BW	DL	DL		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	DL Antenna Configuration	Band	(MHz)	Freq. (MHz)	Channel	DL Antenna Configuration	Band	(MHz)	Freq. (MHz)	Channel	DL Antenna Configuration	Band	(MHz)	Freq. (MHz)	Channel	DL Antenna Configuration	Tx. Power (dBm)	Tx. Power (dBm)
CA_13A-48D	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.83	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.82	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 13	10M	751	5230		22.49	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 13	10M	751	5230		22.51	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 13	10M	751	5230		21.83	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 13	10M	751	5230		21.62	21.76
CA_13A-48A-48C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.84	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.84	22.92
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 13	10M	751	5230		22.50	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 13	10M	751	5230		22.49	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 13	10M	751	5230		21.79	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 13	10M	751	5230		21.61	21.76
CA_13A-48C-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.72	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.84	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.50	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.06	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		22.52	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		22.53	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		21.75	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		21.71	21.76
CA_13A-48A-48A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.81	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.82	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	22.38	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	22.12	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		22.49	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		22.53	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		21.77	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3620.7	55947	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 13	10M	751	5230		21.59	21.76
CA_13A-48A-48B	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	15M	2145	66786	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	22.76	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	15M	2145	66786	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	22.86	22.92
	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	22.46	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	21.95	22.11
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		22.46	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	Band 13	10M	751	5230		21.68	21.76
CA_13A-48A-66C	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2145	66786	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.70	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 48	20M	3609	55830	4x4MIMO	Band 66	20M	2145	66786	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.83	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	22.45	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		Band 48	20M	3609	55830	4x4MIMO	22.06	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		22.54	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		22.41	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		21.81	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 13	10M	751	5230		21.57	21.76
CA_13A-66A-66B	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2168.2	67018	4x4MIMO	22.73	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	22.80	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2168.2	67018	4x4MIMO	Band 13	10M	751	5230		22.48	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 66	15M	2188.2	67218	4x4MIMO	Band 13	10M	751	5230		22.14	22.23
CA_13A-66A-66A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	22.76	22.89
	Band 13	Ant1	10M	782	23230	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	22.83	22.92
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	Band 13	10M	751	5230		22.38	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	Band 13	10M	751	5230		22.08	22.23
CA_48C-48C	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.44	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.39	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	21.74	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	21.70	21.76
CA_48E	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 48	20M	3668.4	56424	4x4MIMO	22.48	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 48	20M	3668.4	56424	4x4MIMO	22.53	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 48	20M	3668.4	56424	4x4MIMO	21.80	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 48	20M	3668.4	56424	4x4MIMO	21.68	21.76
CA_48A-48D	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 48	20M	3666	56400	4x4MIMO	22.45	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 48	20M	3666	56400	4x4MIMO	22.39	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 48	20M	3666	56400	4x4MIMO	21.77	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 48	20M	3666	56400	4x4MIMO	21.67	21.76
CA_48D-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.45	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	22.08	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.45	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.48	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.73	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 48	20M	3648.6	56226	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.61	21.76
CA_48A-48C-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.42	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	22.06	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.55	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.51	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.84	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 48	20M	3685.8	56598	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.58	21.76
CA_48C-66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.33	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	21.98	22.11
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.54	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.40	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.83	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.58	21.76
CA_48C-66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.43	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.05	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.42	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.41	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	21.84	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	21.69	21.76
CA_48C-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.41	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	22.07	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.50	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	22.43	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	21.87	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	20M	3628.8	56028	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2177.5	67111	4x4MIMO	21.61	21.76
CA_48A-48A-66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	22.47	22.53
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	21.99	22.11
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.43	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.41	22.58
	Band 48	Ant5	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.80	21.92
	Band 48	Ant8	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.70	21.76
CA_48A-48A-66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	22.45	22.57
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	22.16	22.23
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.45	22.61
	Band 48	Ant4	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 48	5M	3697.5	56715	4x4MIMO	Band 66	20M	2155	66886

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

n2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.68	23.83	23.65	24.0	0.0
40	PI/2 BPSK	1	108	23.70	23.79	23.74		
40	PI/2 BPSK	1	214	23.64	23.74	23.63		
40	PI/2 BPSK	108	0	23.31	23.44	23.30	23.5	0.5
40	PI/2 BPSK	108	54	23.74	23.89	23.73	24.0	0.0
40	PI/2 BPSK	108	108	23.05	23.19	23.05	23.5	0.5
40	PI/2 BPSK	216	0	23.12	23.23	23.17		
40	QPSK	1	1	23.83	23.92	23.69	24.0	0.0
40	QPSK	1	108	23.74	23.89	23.79		
40	QPSK	1	214	23.70	23.78	23.67		
40	QPSK	108	0	22.75	22.87	22.83	23.0	1.0
40	QPSK	108	54	23.76	23.84	23.75	24.0	0.0
40	QPSK	108	108	22.58	22.73	22.67	23.0	1.0
40	QPSK	216	0	22.74	22.83	22.74		
40	16QAM	1	1	22.46	22.64	22.37	23.0	1.0
40	64QAM	1	1	21.43	21.05	21.40	21.5	2.5
40	256QAM	1	1	19.41	19.49	19.43	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.78	23.80	23.83	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.85	23.77	23.90	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.78	23.81	23.78	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.73	23.84	23.71	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.77	23.87	23.82	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.70	23.76	23.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.72	22.82	22.78	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.92	22.84		
20	PI/2 BPSK	1	104	22.79	22.86	22.80		
20	PI/2 BPSK	50	0	22.20	22.26	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.72	22.83	22.79	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.29	22.24		
20	QPSK	1	1	22.79	23.11	22.84	24.0	0.0
20	QPSK	1	53	22.92	22.96	22.89		
20	QPSK	1	104	22.68	22.81	22.73		
20	QPSK	50	0	21.79	21.87	21.73	23.0	1.0
20	QPSK	50	28	22.70	22.79	22.71	24.0	0.0
20	QPSK	50	56	21.82	21.90	21.77	23.0	1.0
20	QPSK	100	0	21.68	21.77	21.61		
20	16QAM	1	1	21.43	21.46	21.55	23.0	1.0
20	64QAM	1	1	19.99	20.01	20.02	21.5	2.5
20	256QAM	1	1	18.89	18.87	18.93	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.64	22.77	22.63	24.0	0.0
Channel				165900	167300	168900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.73	22.85	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.80	22.75	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.40	23.69	23.48	24.5	0.0
40	PI/2 BPSK	1	108	23.49	23.58	23.43		
40	PI/2 BPSK	1	214	23.59	23.64	23.56		
40	PI/2 BPSK	108	0	22.96	23.08	23.01	24.0	0.5
40	PI/2 BPSK	108	54	23.45	23.52	23.38	24.5	0.0
40	PI/2 BPSK	108	108	22.91	23.03	22.91	24.0	0.5
40	PI/2 BPSK	216	0	22.84	22.99	22.88		
40	QPSK	1	1	23.45	23.73	23.53	24.5	0.0
40	QPSK	1	108	23.56	23.62	23.48		
40	QPSK	1	214	23.50	23.60	23.55		
40	QPSK	108	0	22.59	22.66	22.51	23.5	1.0
40	QPSK	108	54	23.39	23.53	23.48	24.5	0.0
40	QPSK	108	108	22.45	22.50	22.44	23.5	1.0
40	QPSK	216	0	22.49	22.54	22.43		
40	16QAM	1	1	22.14	22.50	22.37	23.5	1.0
40	64QAM	1	1	20.92	21.18	21.06	22.0	2.5
40	256QAM	1	1	19.61	19.74	19.68	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.40	23.68	23.40	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.35	23.58	23.49	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.37	23.63	23.37	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.32	23.61	23.41	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.38	23.67	23.48	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.40	23.59	23.39	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.59	23.52	23.36	24.0	0.0
40	PI/2 BPSK	1	108	23.52	23.57	23.44		
40	PI/2 BPSK	1	214	23.36	23.44	23.34		
40	PI/2 BPSK	108	0	22.99	23.08	22.99	23.5	0.5
40	PI/2 BPSK	108	54	23.39	23.50	23.35	24.0	0.0
40	PI/2 BPSK	108	108	22.89	22.94	22.83	23.5	0.5
40	PI/2 BPSK	216	0	23.00	23.07	22.99		
40	QPSK	1	1	23.60	23.63	23.41	24.0	0.0
40	QPSK	1	108	23.53	23.58	23.50		
40	QPSK	1	214	23.37	23.46	23.33		
40	QPSK	108	0	22.44	22.51	22.44	23.0	1.0
40	QPSK	108	54	23.46	23.54	23.45	24.0	0.0
40	QPSK	108	108	22.36	22.40	22.33	23.0	1.0
40	QPSK	216	0	22.38	22.54	22.50		
40	16QAM	1	1	22.32	22.21	22.12	23.0	1.0
40	64QAM	1	1	21.23	21.22	21.14	21.5	2.5
40	256QAM	1	1	19.27	19.31	19.14	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.01	22.20	22.17	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.93	22.08	22.17	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.39	23.14	23.22	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.20	23.30	23.37	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.11	23.45	23.32	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.21	23.17	23.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.51	22.66	22.54	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.61	22.47		
20	PI/2 BPSK	1	104	22.63	22.74	22.59		
20	PI/2 BPSK	50	0	22.07	22.19	22.09	23.5	0.5
20	PI/2 BPSK	50	28	22.60	22.66	22.58	24.0	0.0
20	PI/2 BPSK	50	56	22.07	22.21	22.16	23.5	0.5
20	PI/2 BPSK	100	0	22.01	22.14	22.07		
20	QPSK	1	1	22.53	22.79	22.63	24.0	0.0
20	QPSK	1	53	22.58	22.65	22.52		
20	QPSK	1	104	22.64	22.72	22.65		
20	QPSK	50	0	21.38	21.52	21.46	23.0	1.0
20	QPSK	50	28	22.48	22.62	22.47	24.0	0.0
20	QPSK	50	56	21.58	21.67	21.52	23.0	1.0
20	QPSK	100	0	21.49	21.63	21.58		
20	16QAM	1	1	21.21	21.29	21.25	23.0	1.0
20	64QAM	1	1	19.79	19.88	19.83	21.5	2.5
20	256QAM	1	1	18.70	18.68	18.71	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.59	22.63	23.49	24.0	0.0
Channel				165500	167500	169500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.45	22.55	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.48	22.58	22.44	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.42	22.80	22.49	24.0	0.0
40	PI/2 BPSK	1	108	22.25	22.41	22.30		
40	PI/2 BPSK	1	214	22.74	22.80	22.67		
40	PI/2 BPSK	108	0	22.31	22.38	22.32	23.5	0.5
40	PI/2 BPSK	108	54	22.58	22.70	22.63	24.0	0.0
40	PI/2 BPSK	108	108	22.22	22.31	22.25	23.5	0.5
40	PI/2 BPSK	216	0	22.13	22.28	22.14		
40	QPSK	1	1	22.49	22.82	22.62	24.0	0.0
40	QPSK	1	108	22.61	22.73	22.68		
40	QPSK	1	214	22.54	22.66	22.51		
40	QPSK	108	0	21.73	21.78	21.64	23.0	1.0
40	QPSK	108	54	22.68	22.79	22.66	24.0	0.0
40	QPSK	108	108	21.77	21.85	21.75	23.0	1.0
40	QPSK	216	0	21.66	21.77	21.74		
40	16QAM	1	1	21.23	21.35	21.32	23.0	1.0
40	64QAM	1	1	19.93	20.16	19.94	21.5	2.5
40	256QAM	1	1	18.61	18.46	18.43	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.34	22.72	22.53	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.34	22.76	22.55	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.38	22.67	22.47	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.42	22.75	22.56	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.39	22.78	22.46	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.42	22.73	22.58	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.88	22.92	22.84	24.0	0.0
40	PI/2 BPSK	1	53	22.69	22.80	22.73		
40	PI/2 BPSK	1	104	22.57	22.66	22.59		
40	PI/2 BPSK	50	0	22.26	22.41	22.29	23.5	0.5
40	PI/2 BPSK	50	28	22.74	22.87	22.83	24.0	0.0
40	PI/2 BPSK	50	56	22.05	22.17	22.05	23.5	0.5
40	PI/2 BPSK	100	0	22.25	22.37	22.25		
40	QPSK	1	1	22.93	22.96	22.88	24.0	0.0
40	QPSK	1	53	22.69	22.77	22.63		
40	QPSK	1	104	22.62	22.68	22.55		
40	QPSK	50	0	21.81	21.96	21.89	23.0	1.0
40	QPSK	50	28	22.73	22.84	22.79	24.0	0.0
40	QPSK	50	56	21.53	21.68	21.61	23.0	1.0
40	QPSK	100	0	21.78	21.83	21.68		
40	16QAM	1	1	21.60	21.65	21.55	23.0	1.0
40	64QAM	1	1	20.17	20.27	20.11	21.5	2.5
40	256QAM	1	1	18.81	18.83	18.74	19.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.98		
30	QPSK	1	1	22.85	22.89	22.80	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.83	22.83	22.75	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.85	22.86	22.84	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.88	22.86	22.76	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.95	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.89	23.00	22.93		
100	PI/2 BPSK	1	271	22.88	22.94	22.80		
100	PI/2 BPSK	135	0	22.93	23.06	22.91	24.0	0.0
100	PI/2 BPSK	135	69	22.93	23.08	22.95	24.0	0.0
100	PI/2 BPSK	135	138	22.88	22.99	22.91	24.0	0.0
100	PI/2 BPSK	270	0	22.86	23.01	22.96		
100	QPSK	1	1	23.05	23.12	22.82	24.0	0.0
100	QPSK	1	137	22.99	23.03	22.94		
100	QPSK	1	271	22.83	22.91	22.84		
100	QPSK	135	0	22.98	23.08	23.03	24.0	0.0
100	QPSK	135	69	23.01	23.10	23.05	24.0	0.0
100	QPSK	135	138	22.91	23.04	22.98	24.0	0.0
100	QPSK	270	0	22.92	23.07	23.01		
100	16QAM	1	1	22.82	22.77	22.67	24.0	0.0
100	64QAM	1	1	22.90	22.82	22.71	24.0	0.0
100	256QAM	1	1	21.97	21.89	21.78	22.5	1.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.97	23.05	22.75	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.96	22.98	22.76	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.93	23.00	22.71	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.97	22.97	22.69	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.01	23.08	22.74	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.94	23.05	22.74	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.95	23.07	22.72	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.00	23.06	22.68	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.91	23.03	22.70	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.91	23.02	22.70	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.91	23.06	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.84	25.96	25.72	27.0	0.0
100	PI/2 BPSK	1	137	25.90	26.02	25.78		
100	PI/2 BPSK	1	271	25.81	25.93	25.69		
100	PI/2 BPSK	135	0	25.45	25.57	25.33	26.5	0.5
100	PI/2 BPSK	135	69	25.86	25.98	25.74	27.0	0.0
100	PI/2 BPSK	135	138	25.52	25.64	25.40	26.5	0.5
100	PI/2 BPSK	270	0	25.57	25.69	25.45		
100	QPSK	1	1	26.04	26.16	25.92	27.0	0.0
100	QPSK	1	137	25.88	26.00	25.76		
100	QPSK	1	271	25.82	25.94	25.70		
100	QPSK	135	0	25.00	25.12	24.88	26.0	1.0
100	QPSK	135	69	26.02	26.14	25.90	27.0	0.0
100	QPSK	135	138	24.99	25.11	24.87	26.0	1.0
100	QPSK	270	0	25.05	25.17	24.93		
100	16QAM	1	1	24.60	24.72	24.48	26.0	1.0
100	64QAM	1	1	23.08	23.20	22.96	24.5	2.5
100	256QAM	1	1	21.59	21.71	21.47	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.00	26.12	26.05	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.09	26.04	26.05	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.10	26.03	26.04	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.01	26.07	26.11	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.11	26.01	26.10	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.01	26.05	26.05	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.09	26.10	26.02	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.07	26.11	26.06	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.05	26.05	26.01	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.03	26.07	26.00	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.08	26.10	26.09	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.87		24.0	0.0
100	PI/2 BPSK	1	137		22.99			
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		23.01		24.0	0.0
100	PI/2 BPSK	135	69		23.08		24.0	0.0
100	PI/2 BPSK	135	138		23.06		24.0	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.12		24.0	0.0
100	QPSK	1	137		22.91			
100	QPSK	1	271		23.01			
100	QPSK	135	0		22.98		24.0	0.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		23.03		24.0	0.0
100	QPSK	270	0		23.04			
100	16QAM	1	1		22.66		24.0	0.0
100	64QAM	1	1		22.74		24.0	0.0
100	256QAM	1	1		21.82		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.01	23.06	23.04	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.05	23.01	23.04	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.03	23.04	22.99	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.02	22.98	23.02	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.08	23.07	22.99	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.98	23.02	23.07	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.96	23.03	23.05	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.02	22.96	23.08	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.04	22.99	23.03	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.05	23.03	23.05	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.07	23.08	23.00	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.93		27.0	0.0
100	PI/2 BPSK	1	137		26.09			
100	PI/2 BPSK	1	271		25.98			
100	PI/2 BPSK	135	0		25.54		26.5	0.5
100	PI/2 BPSK	135	69		26.17		27.0	0.0
100	PI/2 BPSK	135	138		25.62		26.5	0.5
100	PI/2 BPSK	270	0		25.58			
100	QPSK	1	1		26.19		27.0	0.0
100	QPSK	1	137		25.86			
100	QPSK	1	271		25.97			
100	QPSK	135	0		25.08		26.0	1.0
100	QPSK	135	69		26.03		27.0	0.0
100	QPSK	135	138		25.10		26.0	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.69		26.0	1.0
100	64QAM	1	1		23.13		24.5	2.5
100	256QAM	1	1		21.74		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.05	26.11	26.07	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.13	26.15	26.13	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.08	26.05	26.04	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.11	26.06	26.03	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.12	26.06	26.09	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.11	26.15	26.15	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.08	26.11	26.12	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.12	26.04	26.07	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.07	26.12	26.06	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.08	26.12	26.10	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.11	26.07	26.03	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.27		24.0	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.19			
100	PI/2 BPSK	135	0		21.96		23.5	0.5
100	PI/2 BPSK	135	69		22.46		24.0	0.0
100	PI/2 BPSK	135	138		21.84		23.5	0.5
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.48		24.0	0.0
100	QPSK	1	137		22.34			
100	QPSK	1	271		22.28			
100	QPSK	135	0		21.41		23.0	1.0
100	QPSK	135	69		22.42		24.0	0.0
100	QPSK	135	138		21.34		23.0	1.0
100	QPSK	270	0		21.38			
100	16QAM	1	1		21.01		23.0	1.0
100	64QAM	1	1		19.58		21.5	2.5
100	256QAM	1	1		18.13		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.39	22.42	22.40	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.43	22.44	22.33	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.40	22.38	22.34	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.34	22.39	22.34	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.35	22.34	22.40	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.33	22.39	22.32	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.39	22.35	22.37	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.41	22.35	22.40	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.41	22.42	22.43	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.42	22.38	22.40	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.36	22.41	22.42	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.52		24.0	0.0
100	PI/2 BPSK	1	137		22.64			
100	PI/2 BPSK	1	271		22.48			
100	PI/2 BPSK	135	0		22.06		23.5	0.5
100	PI/2 BPSK	135	69		22.67		24.0	0.0
100	PI/2 BPSK	135	138		22.11		23.5	0.5
100	PI/2 BPSK	270	0		22.01			
100	QPSK	1	1		22.69		24.0	0.0
100	QPSK	1	137		22.56			
100	QPSK	1	271		22.54			
100	QPSK	135	0		21.47		23.0	1.0
100	QPSK	135	69		22.62		24.0	0.0
100	QPSK	135	138		21.56		23.0	1.0
100	QPSK	270	0		21.59			
100	16QAM	1	1		21.13		23.0	1.0
100	64QAM	1	1		19.64		21.5	2.5
100	256QAM	1	1		18.21		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.54	22.60	22.55	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.56	22.58	22.54	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.57	22.64	22.62	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.59	22.61	22.55	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.55	22.53	22.61	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.63	22.55	22.60	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.53	22.56	22.64	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.57	22.63	22.56	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.61	22.59	22.55	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.63	22.64	22.61	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.65	22.60	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.23	22.29	22.16	23.4	0.0
40	PI/2 BPSK	1	53	22.26	22.31	22.26		
40	PI/2 BPSK	1	104	21.97	22.04	21.98		
40	PI/2 BPSK	50	0	21.65	21.71	21.65	22.9	0.5
40	PI/2 BPSK	50	28	22.20	22.24	22.14	23.4	0.0
40	PI/2 BPSK	50	56	21.41	21.47	21.32	22.9	0.5
40	PI/2 BPSK	100	0	21.51	21.64	21.57		
40	QPSK	1	1	22.25	22.34	22.20	23.4	0.0
40	QPSK	1	53	22.23	22.27	22.12		
40	QPSK	1	104	21.77	21.92	21.85		
40	QPSK	50	0	21.06	21.21	21.08	22.4	1.0
40	QPSK	50	28	22.03	22.18	22.06	23.4	0.0
40	QPSK	50	56	20.85	20.98	20.88	22.4	1.0
40	QPSK	100	0	21.05	21.17	21.03		
40	16QAM	1	1	20.96	21.08	21.03	22.4	1.0
40	64QAM	1	1	19.52	19.66	19.53	20.9	2.5
40	256QAM	1	1	18.21	18.25	18.16	18.9	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.12	22.29	22.15	23.4	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.14	22.20	22.13	23.4	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.25	22.36	22.35	23.4	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.15	22.21	22.12	23.4	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.36	22.41	22.29	24.0	0.0
100	PI/2 BPSK	1	137	22.32	22.44	22.35		
100	PI/2 BPSK	1	271	22.10	22.25	22.15		
100	PI/2 BPSK	135	0	22.31	22.46	22.31	24.0	0.0
100	PI/2 BPSK	135	69	22.41	22.55	22.43	24.0	0.0
100	PI/2 BPSK	135	138	22.35	22.42	22.26	24.0	0.0
100	PI/2 BPSK	270	0	22.38	22.53	22.43		
100	QPSK	1	1	22.39	22.58	22.24	24.0	0.0
100	QPSK	1	137	22.26	22.34	22.20		
100	QPSK	1	271	22.16	22.24	22.18		
100	QPSK	135	0	22.16	22.29	22.18	24.0	0.0
100	QPSK	135	69	22.45	22.56	22.43	24.0	0.0
100	QPSK	135	138	22.24	22.37	22.21	24.0	0.0
100	QPSK	270	0	22.41	22.52	22.46		
100	16QAM	1	1	22.22	22.07	22.04	24.0	0.0
100	64QAM	1	1	22.26	22.14	22.08	24.0	0.0
100	256QAM	1	1	21.28	21.20	21.12	22.5	1.5
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.29	22.52	22.17	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.26	22.44	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.29	22.49	22.08	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.30	22.54	22.20	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.24	22.53	22.12	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.28	22.48	22.12	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.34	22.49	22.20	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.24	22.50	22.12	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.29	22.48	22.15	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.52	22.18	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.26	22.51	22.12	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.32	25.42	25.33	26.5	0.0
100	PI/2 BPSK	1	137	25.25	25.40	25.24		
100	PI/2 BPSK	1	271	25.23	25.31	25.22		
100	PI/2 BPSK	135	0	24.89	24.97	24.86	26.0	0.5
100	PI/2 BPSK	135	69	25.45	25.60	25.45	26.5	0.0
100	PI/2 BPSK	135	138	24.80	24.92	24.77	26.0	0.5
100	PI/2 BPSK	270	0	24.94	25.09	25.00		
100	QPSK	1	1	25.51	25.64	25.55	26.5	0.0
100	QPSK	1	137	25.30	25.41	25.31		
100	QPSK	1	271	25.13	25.29	25.16		
100	QPSK	135	0	24.37	24.47	24.37	25.5	1.0
100	QPSK	135	69	25.50	25.59	25.49	26.5	0.0
100	QPSK	135	138	24.31	24.44	24.30	25.5	1.0
100	QPSK	270	0	24.42	24.52	24.36		
100	16QAM	1	1	24.07	24.19	24.10	25.5	1.0
100	64QAM	1	1	22.50	22.64	22.52	24.0	2.5
100	256QAM	1	1	21.02	21.14	20.98	22.0	4.5
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.59	25.59	25.49	26.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.54	25.53	25.54	26.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.60	25.56	25.52	26.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.50	25.49	25.54	26.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.55	25.52	25.59	26.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.56	25.60	25.57	26.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.51	25.50	25.50	26.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.60	25.51	25.51	26.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.59	25.55	25.49	26.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.51	25.49	25.49	26.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.56	25.57	25.51	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.29		24.0	0.0
100	PI/2 BPSK	1	137		22.56			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.46		24.0	0.0
100	PI/2 BPSK	135	69		22.57		24.0	0.0
100	PI/2 BPSK	135	138		22.53		24.0	0.0
100	PI/2 BPSK	270	0		22.50			
100	QPSK	1	1		22.61		24.0	0.0
100	QPSK	1	137		22.25			
100	QPSK	1	271		22.44			
100	QPSK	135	0		22.52		24.0	0.0
100	QPSK	135	69		22.55		24.0	0.0
100	QPSK	135	138		22.39		24.0	0.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.09		24.0	0.0
100	64QAM	1	1		22.13		24.0	0.0
100	256QAM	1	1		21.15		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.50	22.54	22.52	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.45	22.52	22.52	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.48	22.54	22.57	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.52	22.46	22.52	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.49	22.57	22.51	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.54	22.49	22.53	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.46	22.53	22.53	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.56	22.56	22.46	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.55	22.50	22.53	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.55	22.54	22.47	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.49	22.55	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.64		26.5	0.0
100	PI/2 BPSK	1	137		25.54			
100	PI/2 BPSK	1	271		25.42			
100	PI/2 BPSK	135	0		25.06		26.0	0.5
100	PI/2 BPSK	135	69		25.56		26.5	0.0
100	PI/2 BPSK	135	138		25.13		26.0	0.5
100	PI/2 BPSK	270	0		25.08			
100	QPSK	1	1		25.66		26.5	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.46			
100	QPSK	135	0		24.53		25.5	1.0
100	QPSK	135	69		25.63		26.5	0.0
100	QPSK	135	138		24.52		25.5	1.0
100	QPSK	270	0		24.56			
100	16QAM	1	1		24.14		25.5	1.0
100	64QAM	1	1		22.59		24.0	2.5
100	256QAM	1	1		21.11		22.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.51	25.51	25.58	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.51	25.52	25.57	26.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.61	25.55	25.60	26.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.59	25.58	25.51	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.51	25.56	26.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.60	25.58	25.51	26.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.55	25.60	26.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.56	25.59	25.59	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.62	25.50	25.56	26.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.53	25.54	25.60	26.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.60	25.57	25.57	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.99		23.7	0.0
100	PI/2 BPSK	1	137		22.08			
100	PI/2 BPSK	1	271		21.92			
100	PI/2 BPSK	135	0		21.55		23.2	0.5
100	PI/2 BPSK	135	69		22.10		23.7	0.0
100	PI/2 BPSK	135	138		21.46		23.2	0.5
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		22.14		23.7	0.0
100	QPSK	1	137		22.11			
100	QPSK	1	271		21.89			
100	QPSK	135	0		20.99		22.7	1.0
100	QPSK	135	69		22.08		23.7	0.0
100	QPSK	135	138		20.90		22.7	1.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.98		22.7	1.0
100	64QAM	1	1		19.34		21.2	2.5
100	256QAM	1	1		17.66		19.2	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.03	22.02	21.98	23.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.10	22.00	22.04	23.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.99	22.01	22.00	23.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.08	22.07	22.03	23.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.99	21.99	22.02	23.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.99	22.07	22.00	23.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.09	22.03	21.98	23.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.08	22.05	22.06	23.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.09	22.08	22.08	23.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.08	22.06	21.99	23.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.09	22.01	22.09	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.32		23.7	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		21.77		23.2	0.5
100	PI/2 BPSK	135	69		22.30		23.7	0.0
100	PI/2 BPSK	135	138		21.76		23.2	0.5
100	PI/2 BPSK	270	0		21.70			
100	QPSK	1	1		22.39		23.7	0.0
100	QPSK	1	137		22.35			
100	QPSK	1	271		22.21			
100	QPSK	135	0		21.20		22.7	1.0
100	QPSK	135	69		22.26		23.7	0.0
100	QPSK	135	138		21.21		22.7	1.0
100	QPSK	270	0		21.25			
100	16QAM	1	1		20.95		22.7	1.0
100	64QAM	1	1		19.37		21.2	2.5
100	256QAM	1	1		17.91		19.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.31	22.33	22.30	23.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.25	22.29	22.30	23.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.26	22.31	22.25	23.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.29	22.34	22.25	23.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.26	22.29	22.27	23.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.24	22.27	22.24	23.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.30	22.29	22.29	23.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.28	22.32	22.24	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.33	22.24	22.34	23.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.26	22.33	22.26	23.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.28	22.35	22.29	23.7	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.12	23.15	23.02	24.0	0.0
40	PI/2 BPSK	1	53	23.07	23.18	23.03		
40	PI/2 BPSK	1	104	23.00	23.06	22.95		
40	PI/2 BPSK	50	0	22.61	22.71	22.60	23.5	0.5
40	PI/2 BPSK	50	28	23.07	23.11	23.02	24.0	0.0
40	PI/2 BPSK	50	56	22.39	22.42	22.31	23.5	0.5
40	PI/2 BPSK	100	0	22.79	22.89	22.83		
40	QPSK	1	1	23.16	23.19	23.10	24.0	0.0
40	QPSK	1	53	23.02	23.05	22.94		
40	QPSK	1	104	22.93	22.98	22.90		
40	QPSK	50	0	22.06	22.16	22.06	23.0	1.0
40	QPSK	50	28	23.06	23.13	23.07	24.0	0.0
40	QPSK	50	56	21.95	22.05	22.01	23.0	1.0
40	QPSK	100	0	22.06	22.11	21.97		
40	16QAM	1	1	21.79	21.90	21.87	23.0	1.0
40	64QAM	1	1	20.38	20.51	20.39	21.5	2.5
40	256QAM	1	1	18.83	18.92	18.79	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.11	23.14	22.98	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.05	23.15	23.05	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.11	23.06	23.04	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.03	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	22.95	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.59	22.74	22.59		
100	PI/2 BPSK	1	271	22.71	22.85	22.70		
100	PI/2 BPSK	135	0	22.81	22.94	22.83	24.0	0.0
100	PI/2 BPSK	135	69	22.75	22.86	22.72	24.0	0.0
100	PI/2 BPSK	135	138	22.65	22.76	22.68	24.0	0.0
100	PI/2 BPSK	270	0	22.66	22.75	22.65		
100	QPSK	1	1	22.89	23.01	22.90	24.0	0.0
100	QPSK	1	137	22.80	22.89	22.78		
100	QPSK	1	271	22.65	22.74	22.64		
100	QPSK	135	0	22.79	22.95	22.80	24.0	0.0
100	QPSK	135	69	22.85	22.98	22.88	24.0	0.0
100	QPSK	135	138	22.54	22.70	22.59	24.0	0.0
100	QPSK	270	0	22.66	22.81	22.67		
100	16QAM	1	1	22.71	22.84	22.74	24.0	0.0
100	64QAM	1	1	22.69	22.83	22.72	24.0	0.0
100	256QAM	1	1	21.44	21.53	21.37	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.86	22.96	22.82	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.90	22.90	22.79	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	22.94	22.85	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.91	22.95	22.80	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.89	22.97	22.77	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.88	22.93	22.77	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.86	22.98	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.88	22.90	22.73	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.82	22.87	22.76	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.93	22.90	22.83	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.87	22.95	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	25.98	25.89	27.0	0.0
100	PI/2 BPSK	1	137	25.93	26.06	25.92		
100	PI/2 BPSK	1	271	25.85	25.94	25.85		
100	PI/2 BPSK	135	0	25.53	25.66	25.53	26.5	0.5
100	PI/2 BPSK	135	69	25.83	25.96	25.88	27.0	0.0
100	PI/2 BPSK	135	138	25.48	25.57	25.47	26.5	0.5
100	PI/2 BPSK	270	0	25.46	25.61	25.46		
100	QPSK	1	1	25.93	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.80	25.95	25.80		
100	QPSK	1	271	25.89	26.03	25.89		
100	QPSK	135	0	24.97	25.08	24.95	26.0	1.0
100	QPSK	135	69	25.95	26.04	25.94	27.0	0.0
100	QPSK	135	138	24.89	24.98	24.85	26.0	1.0
100	QPSK	270	0	24.85	25.00	24.90		
100	16QAM	1	1	24.48	24.58	24.47	26.0	1.0
100	64QAM	1	1	23.00	23.12	22.98	24.5	2.5
100	256QAM	1	1	21.56	21.66	21.51	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.96	25.96	25.99	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.94	26.00	26.03	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.02	25.95	25.98	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.97	26.01	26.00	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.99	25.94	26.00	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.00	25.97	25.94	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.02	26.00	25.95	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.00	25.95	25.93	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.02	26.03	25.99	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.01	26.02	25.96	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.00	26.00	26.05	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.05		24.0	0.0
100	PI/2 BPSK	1	137		22.90			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		22.84		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.97		24.0	0.0
100	PI/2 BPSK	270	0		22.95			
100	QPSK	1	1		23.11		24.0	0.0
100	QPSK	1	137		23.03			
100	QPSK	1	271		23.08			
100	QPSK	135	0		22.99		24.0	0.0
100	QPSK	135	69		23.07		24.0	0.0
100	QPSK	135	138		22.94		24.0	0.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.03		24.0	0.0
100	64QAM	1	1		22.93		24.0	0.0
100	256QAM	1	1		21.53		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.98	23.08	23.00	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.90	22.99	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.94	22.97	22.87	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.87	22.99	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.07	23.05	22.98	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.01	23.07	22.99	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.92	23.03	22.89	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.00	23.03	22.98	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.83	22.96	22.94	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.98	23.08	23.01	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.92	23.02	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.88		27.0	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.72			
100	PI/2 BPSK	135	0		25.32		26.5	0.5
100	PI/2 BPSK	135	69		25.89		27.0	0.0
100	PI/2 BPSK	135	138		25.24		26.5	0.5
100	PI/2 BPSK	270	0		25.44			
100	QPSK	1	1		26.04		27.0	0.0
100	QPSK	1	137		25.98			
100	QPSK	1	271		25.88			
100	QPSK	135	0		25.12		26.0	1.0
100	QPSK	135	69		25.97		27.0	0.0
100	QPSK	135	138		24.94		26.0	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.94		26.0	1.0
100	64QAM	1	1		23.48		24.5	2.5
100	256QAM	1	1		21.54		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	26.01	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.87	25.92	25.92	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.82	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.85	25.87	25.88	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.83	25.94	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.77	25.88	25.90	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.79	25.91	25.84	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.80	25.90	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.84	25.85	25.94	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.82	25.86	25.86	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.82	25.90	25.86	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.35		24.0	0.0
100	PI/2 BPSK	1	137		22.23			
100	PI/2 BPSK	1	271		22.31			
100	PI/2 BPSK	135	0		21.90		23.5	0.5
100	PI/2 BPSK	135	69		22.40		24.0	0.0
100	PI/2 BPSK	135	138		21.70		23.5	0.5
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		22.48		24.0	0.0
100	QPSK	1	137		22.40			
100	QPSK	1	271		22.29			
100	QPSK	135	0		21.37		23.0	1.0
100	QPSK	135	69		22.39		24.0	0.0
100	QPSK	135	138		21.33		23.0	1.0
100	QPSK	270	0		21.44			
100	16QAM	1	1		21.28		23.0	1.0
100	64QAM	1	1		19.88		21.5	2.5
100	256QAM	1	1		17.91		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.35	22.35	22.40	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.33	22.32	22.30	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.33	22.33	22.22	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.30	22.35	22.29	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.26	22.38	22.29	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.34	22.29	22.24	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.27	22.34	22.30	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.34	22.38	22.22	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.25	22.33	22.23	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.34	22.37	22.27	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.28	22.29	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.56		24.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.40			
100	PI/2 BPSK	135	0		22.00		23.5	0.5
100	PI/2 BPSK	135	69		22.57		24.0	0.0
100	PI/2 BPSK	135	138		21.92		23.5	0.5
100	PI/2 BPSK	270	0		22.12			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.66			
100	QPSK	1	271		22.58			
100	QPSK	135	0		21.60		23.0	1.0
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		21.62		23.0	1.0
100	QPSK	270	0		21.66			
100	16QAM	1	1		21.44		23.0	1.0
100	64QAM	1	1		20.09		21.5	2.5
100	256QAM	1	1		18.22		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.63	22.54	22.55	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.54	22.57	22.50	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.45	22.51	22.50	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.54	22.57	22.49	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.46	22.51	22.50	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.49	22.46	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.43	22.49	22.48	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.50	22.48	22.51	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.44	22.53	22.48	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.47	22.55	22.44	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.54	22.48	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.46	21.76	21.44	22.6	0.0
40	PI/2 BPSK	1	53	21.61	21.69	21.54		
40	PI/2 BPSK	1	104	21.29	21.37	21.21		
40	PI/2 BPSK	50	0	21.02	21.13	20.98	22.1	0.5
40	PI/2 BPSK	50	28	21.47	21.56	21.45	22.6	0.0
40	PI/2 BPSK	50	56	20.76	20.82	20.77	22.1	0.5
40	PI/2 BPSK	100	0	20.91	20.96	20.90		
40	QPSK	1	1	21.55	21.82	21.42	22.6	0.0
40	QPSK	1	53	21.41	21.57	21.52		
40	QPSK	1	104	21.24	21.32	21.19		
40	QPSK	50	0	20.48	20.53	20.45	21.6	1.0
40	QPSK	50	28	21.41	21.53	21.38	22.6	0.0
40	QPSK	50	56	20.25	20.33	20.21	21.6	1.0
40	QPSK	100	0	20.39	20.46	20.30		
40	16QAM	1	1	20.12	20.29	20.18	21.6	1.0
40	64QAM	1	1	18.72	18.84	18.70	20.1	2.5
40	256QAM	1	1	17.37	17.53	17.34	18.1	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.53	21.59	21.46	22.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.39	21.52	21.37	22.6	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.25	21.36	21.35	22.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.30	21.45	21.35	22.6	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.80	21.82	21.59	22.5	0.0
100	PI/2 BPSK	1	137	21.66	21.79	21.72		
100	PI/2 BPSK	1	271	21.42	21.52	21.41		
100	PI/2 BPSK	135	0	21.91	21.96	21.84	22.5	0.0
100	PI/2 BPSK	135	69	21.81	21.91	21.75	22.5	0.0
100	PI/2 BPSK	135	138	21.64	21.73	21.63	22.5	0.0
100	PI/2 BPSK	270	0	21.86	21.92	21.80		
100	QPSK	1	1	21.83	22.01	21.65	22.5	0.0
100	QPSK	1	137	21.70	21.84	21.75		
100	QPSK	1	271	21.38	21.47	21.36		
100	QPSK	135	0	21.89	21.87	21.93	22.5	0.0
100	QPSK	135	69	21.83	21.98	21.74	22.5	0.0
100	QPSK	135	138	21.68	21.77	21.64	22.5	0.0
100	QPSK	270	0	21.85	21.90	21.75		
100	16QAM	1	1	21.58	21.66	21.52	22.5	0.0
100	64QAM	1	1	21.65	21.61	21.40	22.5	0.0
100	256QAM	1	1	20.77	20.79	20.66	21.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.67	21.85	21.55	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.73	21.94	21.54	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.90	21.60	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.67	21.97	21.60	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.78	21.92	21.51	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.74	21.87	21.54	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.68	21.86	21.50	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.79	21.90	21.60	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.79	21.86	21.50	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.75	21.96	21.54	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.78	21.89	21.56	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.28	23.35	23.22	23.5	0.0
100	PI/2 BPSK	1	137	23.27	23.39	23.34		
100	PI/2 BPSK	1	271	22.99	23.08	22.95		
100	PI/2 BPSK	135	0	22.94	23.04	22.99	23.5	0.0
100	PI/2 BPSK	135	69	23.14	23.28	23.18	23.5	0.0
100	PI/2 BPSK	135	138	23.08	23.15	23.03	23.5	0.0
100	PI/2 BPSK	270	0	22.87	23.01	22.98		
100	QPSK	1	1	23.34	23.46	23.39	23.5	0.0
100	QPSK	1	137	23.26	23.33	23.19		
100	QPSK	1	271	23.01	23.12	23.04		
100	QPSK	135	0	23.08	23.16	23.08	23.5	0.0
100	QPSK	135	69	23.27	23.37	23.30	23.5	0.0
100	QPSK	135	138	23.14	23.22	23.08	23.5	0.0
100	QPSK	270	0	22.97	23.08	23.04		
100	16QAM	1	1	22.71	22.79	22.76	23.5	0.0
100	64QAM	1	1	21.71	21.83	21.72	22.0	1.5
100	256QAM	1	1	20.21	20.35	20.23	20.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.24	23.35	23.25	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.42	23.27	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.27	23.34	23.26	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.22	23.37	23.33	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.25	23.33	23.26	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.22	23.38	23.27	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.25	23.40	23.27	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.28	23.38	23.33	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.28	23.36	23.33	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.26	23.41	23.29	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.27	23.39	23.28	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.20		22.5	0.0
100	PI/2 BPSK	1	137		21.26			
100	PI/2 BPSK	1	271		21.30			
100	PI/2 BPSK	135	0		21.05		22.5	0.0
100	PI/2 BPSK	135	69		21.26		22.5	0.0
100	PI/2 BPSK	135	138		21.28		22.5	0.0
100	PI/2 BPSK	270	0		21.26			
100	QPSK	1	1		21.37		22.5	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.10		22.5	0.0
100	QPSK	135	69		21.33		22.5	0.0
100	QPSK	135	138		21.21		22.5	0.0
100	QPSK	270	0		21.17			
100	16QAM	1	1		20.67		22.5	0.0
100	64QAM	1	1		20.62		22.5	0.0
100	256QAM	1	1		19.67		21.0	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.27	21.25	21.25	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.27	21.23	21.29	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.30	21.26	21.28	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.31	21.33	21.22	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.32	21.31	21.27	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.23	21.23	21.29	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.29	21.32	21.32	22.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.27	21.30	21.27	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.32	21.27	21.32	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.29	21.26	21.33	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.25	21.29	21.27	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.90		23.5	0.0
100	PI/2 BPSK	1	137		21.85			
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		22.10		23.5	0.0
100	PI/2 BPSK	135	69		22.09		23.5	0.0
100	PI/2 BPSK	135	138		22.19		23.5	0.0
100	PI/2 BPSK	270	0		22.13			
100	QPSK	1	1		22.46		23.5	0.0
100	QPSK	1	137		22.18			
100	QPSK	1	271		22.16			
100	QPSK	135	0		21.87		23.5	0.0
100	QPSK	135	69		21.96		23.5	0.0
100	QPSK	135	138		21.84		23.5	0.0
100	QPSK	270	0		21.89			
100	16QAM	1	1		20.98		22.5	1.0
100	64QAM	1	1		20.93		22.0	1.5
100	256QAM	1	1		20.02		21.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.34	22.41	22.41	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.34	22.35	22.32	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.39	22.36	22.43	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.33	22.35	22.36	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.32	22.33	22.38	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.37	22.35	22.34	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.33	22.37	22.39	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.41	22.31	22.39	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.36	22.38	22.40	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.32	22.34	22.41	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.32	22.41	22.40	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.68		22.4	0.0
100	PI/2 BPSK	1	137		21.62			
100	PI/2 BPSK	1	271		21.58			
100	PI/2 BPSK	135	0		21.13		21.9	0.5
100	PI/2 BPSK	135	69		21.73		22.4	0.0
100	PI/2 BPSK	135	138		21.07		21.9	0.5
100	PI/2 BPSK	270	0		21.21			
100	QPSK	1	1		21.76		22.4	0.0
100	QPSK	1	137		21.65			
100	QPSK	1	271		21.57			
100	QPSK	135	0		20.56		21.4	1.0
100	QPSK	135	69		21.64		22.4	0.0
100	QPSK	135	138		20.45		21.4	1.0
100	QPSK	270	0		20.57			
100	16QAM	1	1		20.17		21.4	1.0
100	64QAM	1	1		18.63		19.9	2.5
100	256QAM	1	1		17.24		17.9	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.72	21.68	21.69	22.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.65	21.67	21.62	22.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.62	21.61	22.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.70	21.60	21.61	22.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.67	21.63	21.67	22.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.66	21.69	21.72	22.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.63	21.62	21.63	22.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.65	21.62	21.62	22.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.60	21.71	21.71	22.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.61	21.71	21.70	22.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.70	21.61	21.62	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.95		22.4	0.0
100	PI/2 BPSK	1	137		21.02			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		20.36		21.9	0.5
100	PI/2 BPSK	135	69		20.99		22.4	0.0
100	PI/2 BPSK	135	138		20.51		21.9	0.5
100	PI/2 BPSK	270	0		20.44			
100	QPSK	1	1		21.11		22.4	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		20.94			
100	QPSK	135	0		19.93		21.4	1.0
100	QPSK	135	69		21.07		22.4	0.0
100	QPSK	135	138		20.00		21.4	1.0
100	QPSK	270	0		19.92			
100	16QAM	1	1		19.47		21.4	1.0
100	64QAM	1	1		17.98		19.9	2.5
100	256QAM	1	1		16.35		17.9	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	21.00	20.98	22.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.06	21.07	20.99	22.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	20.97	21.04	22.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.98	20.96	20.95	22.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.00	21.01	20.96	22.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.98	20.95	20.97	22.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.96	21.02	20.97	22.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.01	21.02	20.98	22.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.98	20.95	22.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.96	20.98	20.97	22.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.04	21.05	21.00	22.4	0.0

Reduced Power Level for 5GNR
ECI2

n2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.68	23.83	23.65	24.0	0.0
40	PI/2 BPSK	1	108	23.70	23.79	23.74		
40	PI/2 BPSK	1	214	23.64	23.74	23.63		
40	PI/2 BPSK	108	0	23.31	23.44	23.30	23.5	0.5
40	PI/2 BPSK	108	54	23.74	23.89	23.73	24.0	0.0
40	PI/2 BPSK	108	108	23.05	23.19	23.05	23.5	0.5
40	PI/2 BPSK	216	0	23.12	23.23	23.17		
40	QPSK	1	1	23.83	23.92	23.69	24.0	0.0
40	QPSK	1	108	23.74	23.89	23.79		
40	QPSK	1	214	23.70	23.78	23.67		
40	QPSK	108	0	22.75	22.87	22.83	23.0	1.0
40	QPSK	108	54	23.76	23.84	23.75	24.0	0.0
40	QPSK	108	108	22.58	22.73	22.67	23.0	1.0
40	QPSK	216	0	22.74	22.83	22.74		
40	16QAM	1	1	22.46	22.64	22.37	23.0	1.0
40	64QAM	1	1	21.43	20.55	21.40	21.5	2.5
40	256QAM	1	1	19.05	19.14	18.92	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.78	23.80	23.83	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.85	23.77	23.90	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.78	23.81	23.78	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.73	23.84	23.71	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.77	23.87	23.82	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.70	23.76	23.68	24.0	0.0

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.72	22.82	22.78	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.92	22.84		
20	PI/2 BPSK	1	104	22.79	22.86	22.80		
20	PI/2 BPSK	50	0	22.20	22.26	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.72	22.83	22.79	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.29	22.24		
20	QPSK	1	1	22.79	23.11	22.84	24.0	0.0
20	QPSK	1	53	22.92	22.96	22.89		
20	QPSK	1	104	22.68	22.81	22.73		
20	QPSK	50	0	21.79	21.87	21.73	23.0	1.0
20	QPSK	50	28	22.70	22.79	22.71	24.0	0.0
20	QPSK	50	56	21.82	21.90	21.77	23.0	1.0
20	QPSK	100	0	21.68	21.77	21.61		
20	16QAM	1	1	21.43	21.46	21.55	23.0	1.0
20	64QAM	1	1	19.99	20.01	20.02	21.5	2.5
20	256QAM	1	1	18.89	18.87	18.93	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.64	22.77	22.63	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.73	22.85	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.80	22.75	24.0	0.0

n66 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.40	23.69	23.48	24.5	0.0
40	PI/2 BPSK	1	108	23.49	23.58	23.43		
40	PI/2 BPSK	1	214	23.59	23.64	23.56		
40	PI/2 BPSK	108	0	22.96	23.08	23.01	24.0	0.5
40	PI/2 BPSK	108	54	23.45	23.52	23.38	24.5	0.0
40	PI/2 BPSK	108	108	22.91	23.03	22.91	24.0	0.5
40	PI/2 BPSK	216	0	22.84	22.99	22.88		
40	QPSK	1	1	23.45	23.73	23.53	24.5	0.0
40	QPSK	1	108	23.56	23.62	23.48		
40	QPSK	1	214	23.50	23.60	23.55		
40	QPSK	108	0	22.59	22.66	22.51	23.5	1.0
40	QPSK	108	54	23.39	23.53	23.48	24.5	0.0
40	QPSK	108	108	22.45	22.50	22.44	23.5	1.0
40	QPSK	216	0	22.49	22.54	22.43		
40	16QAM	1	1	22.14	22.50	22.37	23.5	1.0
40	64QAM	1	1	20.92	21.18	21.06	22.0	2.5
40	256QAM	1	1	19.61	19.74	19.68	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.40	24.68	24.40	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.35	24.58	24.49	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.37	24.63	24.37	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.32	24.61	24.41	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.38	24.67	24.48	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.40	24.59	24.39	24.5	0.0

n2 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	15.84	15.96	15.91	17.1	0.0
40	PI/2 BPSK	1	108	15.83	16.00	15.85		
40	PI/2 BPSK	1	214	15.75	15.84	15.77		
40	PI/2 BPSK	108	0	15.99	16.12	16.09	17.1	0.0
40	PI/2 BPSK	108	54	16.04	16.14	16.06	17.1	0.0
40	PI/2 BPSK	108	108	15.94	16.05	15.97	17.1	0.0
40	PI/2 BPSK	216	0	15.94	16.14	15.96		
40	QPSK	1	1	16.03	16.18	16.09	17.1	0.0
40	QPSK	1	108	15.95	16.03	15.96		
40	QPSK	1	214	15.78	16.05	15.81		
40	QPSK	108	0	15.97	16.00	15.99	17.1	0.0
40	QPSK	108	54	15.88	16.01	16.00	17.1	0.0
40	QPSK	108	108	15.93	16.00	15.92	17.1	0.0
40	QPSK	216	0	15.91	15.98	15.92		
40	16QAM	1	1	15.73	15.83	15.63	17.1	0.0
40	64QAM	1	1	15.76	15.86	15.77	17.1	0.0
40	256QAM	1	1	15.89	16.02	15.89	17.1	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.01	15.97	15.99	17.1	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.90	15.99	16.03	17.1	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.81	16.11	16.01	17.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.72	15.87	15.77	17.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.77	15.83	15.78	17.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.72	15.88	15.76	17.1	0.0

n5 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.38	20.51	20.46	21.7	0.0
20	PI/2 BPSK	1	53	20.34	20.45	20.33		
20	PI/2 BPSK	1	104	20.39	20.54	20.48		
20	PI/2 BPSK	50	0	20.30	20.44	20.34	21.7	0.0
20	PI/2 BPSK	50	28	20.40	20.48	20.35	21.7	0.0
20	PI/2 BPSK	50	56	20.54	20.67	20.61	21.7	0.0
20	PI/2 BPSK	100	0	20.42	20.49	20.41		
20	QPSK	1	1	20.68	20.77	20.62	21.7	0.0
20	QPSK	1	53	20.41	20.50	20.45		
20	QPSK	1	104	20.32	20.45	20.37		
20	QPSK	50	0	20.27	20.43	20.38	21.7	0.0
20	QPSK	50	28	20.64	20.74	20.61	21.7	0.0
20	QPSK	50	56	20.45	20.53	20.38	21.7	0.0
20	QPSK	100	0	20.55	20.61	20.49		
20	16QAM	1	1	20.52	20.59	20.43	21.7	0.0
20	64QAM	1	1	20.53	20.62	20.47	21.7	0.0
20	256QAM	1	1	18.96	19.06	19.01	19.7	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.57	20.72	20.54	21.7	0.0
Channel				165900	167500	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.60	20.68	20.53	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.61	20.66	20.47	21.7	0.0

n66 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.46	15.57	15.49	16.8	0.0
40	PI/2 BPSK	1	108	15.49	15.63	15.44		
40	PI/2 BPSK	1	214	15.26	15.51	15.44		
40	PI/2 BPSK	108	0	15.53	15.77	15.62	16.8	0.0
40	PI/2 BPSK	108	54	15.66	15.80	15.66	16.8	0.0
40	PI/2 BPSK	108	108	15.57	15.63	15.54	16.8	0.0
40	PI/2 BPSK	216	0	15.58	15.71	15.54		
40	QPSK	1	1	15.61	15.81	15.72	16.8	0.0
40	QPSK	1	108	15.51	15.63	15.59		
40	QPSK	1	214	15.38	15.52	15.49		
40	QPSK	108	0	15.62	15.60	15.53	16.8	0.0
40	QPSK	108	54	15.57	15.68	15.63	16.8	0.0
40	QPSK	108	108	15.45	15.59	15.46	16.8	0.0
40	QPSK	216	0	15.58	15.65	15.60		
40	16QAM	1	1	15.36	15.42	15.23	16.8	0.0
40	64QAM	1	1	15.40	15.46	15.28	16.8	0.0
40	256QAM	1	1	15.53	15.59	15.50	16.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.53	15.60	15.57	16.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.54	15.59	15.56	16.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.56	15.58	15.57	16.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.54	15.62	15.54	16.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.56	15.61	15.53	16.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.52	15.62	15.54	16.8	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.92	19.03	18.98	19.9	0.0
40	PI/2 BPSK	1	53	18.71	18.86	18.78		
40	PI/2 BPSK	1	104	18.62	18.68	18.59		
40	PI/2 BPSK	50	0	18.82	18.90	18.78	19.9	0.0
40	PI/2 BPSK	50	28	18.66	18.81	18.67	19.9	0.0
40	PI/2 BPSK	50	56	18.57	18.67	18.53	19.9	0.0
40	PI/2 BPSK	100	0	18.67	18.78	18.65		
40	QPSK	1	1	19.05	19.11	18.96	19.9	0.0
40	QPSK	1	53	18.77	18.89	18.83		
40	QPSK	1	104	18.60	18.73	18.66		
40	QPSK	50	0	18.78	18.84	18.82	19.9	0.0
40	QPSK	50	28	18.79	18.85	18.72	19.9	0.0
40	QPSK	50	56	18.50	18.59	18.51	19.9	0.0
40	QPSK	100	0	18.79	18.84	18.79		
40	16QAM	1	1	18.68	18.79	18.73	19.9	0.0
40	64QAM	1	1	18.75	18.84	18.79	19.9	0.0
40	256QAM	1	1	18.84	18.91	18.81	19.4	0.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.96	18.98	18.82	19.9	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.93	19.06	18.82	19.9	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.75	18.86	18.85	19.9	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.94	18.96	18.90	19.9	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.25	17.23	17.21	18.3	0.0
100	PI/2 BPSK	1	137	17.18	17.22	17.01		
100	PI/2 BPSK	1	271	17.14	17.27	17.09		
100	PI/2 BPSK	135	0	17.05	17.22	17.09	18.3	0.0
100	PI/2 BPSK	135	69	17.16	17.14	17.02	18.3	0.0
100	PI/2 BPSK	135	138	17.13	17.20	17.11	18.3	0.0
100	PI/2 BPSK	270	0	17.20	17.23	17.10		
100	QPSK	1	1	17.24	17.31	17.04	18.3	0.0
100	QPSK	1	137	17.13	17.27	17.01		
100	QPSK	1	271	16.96	17.16	16.98		
100	QPSK	135	0	17.21	17.17	16.98	18.3	0.0
100	QPSK	135	69	17.12	17.27	17.13	18.3	0.0
100	QPSK	135	138	17.04	17.11	17.12	18.3	0.0
100	QPSK	270	0	17.22	17.25	16.92		
100	16QAM	1	1	17.30	17.26	16.90	18.3	0.0
100	64QAM	1	1	17.27	17.24	16.96	18.3	0.0
100	256QAM	1	1	17.03	17.03	17.23	18.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.20	17.19	16.93	18.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.09	17.22	16.90	18.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.11	17.23	16.90	18.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.11	17.25	16.98	18.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.13	17.18	16.95	18.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.18	17.17	16.91	18.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.17	17.18	16.90	18.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.09	17.15	16.89	18.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.18	17.17	16.91	18.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.13	17.23	16.95	18.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.15	17.16	16.96	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.27		18.3	0.0
100	PI/2 BPSK	1	137		17.30			
100	PI/2 BPSK	1	271		17.31			
100	PI/2 BPSK	135	0		17.33		18.3	0.0
100	PI/2 BPSK	135	69		17.27		18.3	0.0
100	PI/2 BPSK	135	138		17.26		18.3	0.0
100	PI/2 BPSK	270	0		17.32			
100	QPSK	1	1		17.41		18.3	0.0
100	QPSK	1	137		17.36			
100	QPSK	1	271		17.25			
100	QPSK	135	0		17.30		18.3	0.0
100	QPSK	135	69		17.33		18.3	0.0
100	QPSK	135	138		17.18		18.3	0.0
100	QPSK	270	0		17.29			
100	16QAM	1	1		17.29		18.3	0.0
100	64QAM	1	1		17.37		18.3	0.0
100	256QAM	1	1		17.10		18.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.29	17.37	17.26	18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.32	17.30	17.29	18.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.34	17.35	17.36	18.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.33	17.25	17.34	18.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.28	17.29	17.29	18.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.34	17.31	17.28	18.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.35	17.27	17.31	18.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.33	17.25	17.34	18.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.35	17.30	17.29	18.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.34	17.26	17.34	18.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.30	17.33	17.25	18.3	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.10		18.3	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.12		18.3	0.0
100	PI/2 BPSK	135	69		17.10		18.3	0.0
100	PI/2 BPSK	135	138		17.13		18.3	0.0
100	PI/2 BPSK	270	0		17.14			
100	QPSK	1	1		17.28		18.3	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.03			
100	QPSK	135	0		17.20		18.3	0.0
100	QPSK	135	69		17.09		18.3	0.0
100	QPSK	135	138		17.00		18.3	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.15		18.3	0.0
100	64QAM	1	1		17.19		18.3	0.0
100	256QAM	1	1		16.91		18.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.19	17.14	17.22	18.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.15	17.16	17.12	18.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.23	17.18	17.18	18.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.22	17.12	17.15	18.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.14	17.13	17.21	18.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.18	17.23	17.17	18.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.13	17.21	18.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.18	17.17	17.23	18.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.15	17.21	17.17	18.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.21	17.14	17.20	18.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.21	17.20	17.12	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.04		18.3	0.0
100	PI/2 BPSK	1	137		16.96			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		16.97		18.3	0.0
100	PI/2 BPSK	135	69		17.01		18.3	0.0
100	PI/2 BPSK	135	138		17.00		18.3	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14		18.3	0.0
100	QPSK	1	137		17.10			
100	QPSK	1	271		16.98			
100	QPSK	135	0		17.08		18.3	0.0
100	QPSK	135	69		17.05		18.3	0.0
100	QPSK	135	138		16.87		18.3	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		17.01		18.3	0.0
100	64QAM	1	1		17.08		18.3	0.0
100	256QAM	1	1		16.98		18.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.09	17.05	18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.01	17.00	17.10	18.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	16.99	17.01	18.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.98	17.04	17.03	18.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.08	17.08	17.02	18.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	17.07	17.08	18.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.10	17.00	17.04	18.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.09	17.08	17.05	18.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.00	17.00	17.10	18.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.08	17.03	16.99	18.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.06	17.09	17.00	18.3	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.23	22.29	22.16	23.4	0.0
40	PI/2 BPSK	1	53	22.26	22.31	22.26		
40	PI/2 BPSK	1	104	21.97	22.04	21.98		
40	PI/2 BPSK	50	0	21.65	21.71	21.65	22.9	0.5
40	PI/2 BPSK	50	28	22.20	22.24	22.14	23.4	0.0
40	PI/2 BPSK	50	56	21.41	21.47	21.32	22.9	0.5
40	PI/2 BPSK	100	0	21.51	21.64	21.57		
40	QPSK	1	1	22.25	22.34	22.20	23.4	0.0
40	QPSK	1	53	22.23	22.27	22.12		
40	QPSK	1	104	21.77	21.92	21.85		
40	QPSK	50	0	21.06	21.21	21.08	22.4	1.0
40	QPSK	50	28	22.03	22.18	22.06	23.4	0.0
40	QPSK	50	56	20.85	20.98	20.88	22.4	1.0
40	QPSK	100	0	21.05	21.17	21.03		
40	16QAM	1	1	20.96	21.08	21.03	22.4	1.0
40	64QAM	1	1	19.52	19.66	19.53	20.9	2.5
40	256QAM	1	1	18.21	18.25	18.16	18.9	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.12	22.29	22.15	23.4	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.14	22.20	22.13	23.4	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.25	22.36	22.35	23.4	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.15	22.21	22.12	23.4	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.94	20.03	19.88	21.2	0.0
100	PI/2 BPSK	1	137	19.85	20.01	19.92		
100	PI/2 BPSK	1	271	19.71	19.81	19.71		
100	PI/2 BPSK	135	0	19.98	20.07	20.01	21.2	0.0
100	PI/2 BPSK	135	69	20.05	20.09	19.96	21.2	0.0
100	PI/2 BPSK	135	138	19.79	19.93	19.85	21.2	0.0
100	PI/2 BPSK	270	0	19.99	20.07	19.92		
100	QPSK	1	1	20.08	20.14	20.00	21.2	0.0
100	QPSK	1	137	19.90	19.97	19.89		
100	QPSK	1	271	19.74	19.86	19.81		
100	QPSK	135	0	19.90	19.96	19.89	21.2	0.0
100	QPSK	135	69	20.05	20.11	20.07	21.2	0.0
100	QPSK	135	138	19.77	19.93	19.83	21.2	0.0
100	QPSK	270	0	19.95	20.03	19.96		
100	16QAM	1	1	19.77	19.84	19.78	21.2	0.0
100	64QAM	1	1	19.78	19.91	19.80	21.2	0.0
100	256QAM	1	1	19.85	19.96	19.83	21.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.99	20.03	19.94	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.02	20.00	19.88	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.03	20.10	19.94	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.96	19.98	19.90	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.99	20.00	19.95	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.02	20.07	19.84	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.03	19.99	19.91	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.04	20.07	19.89	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.97	20.04	19.90	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.98	19.98	19.90	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.04	20.05	19.92	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.01		21.2	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.30			
100	PI/2 BPSK	135	0		20.14		21.2	0.0
100	PI/2 BPSK	135	69		20.29		21.2	0.0
100	PI/2 BPSK	135	138		20.31		21.2	0.0
100	PI/2 BPSK	270	0		20.32			
100	QPSK	1	1		20.36		21.2	0.0
100	QPSK	1	137		20.18			
100	QPSK	1	271		20.27			
100	QPSK	135	0		20.20		21.2	0.0
100	QPSK	135	69		20.35		21.2	0.0
100	QPSK	135	138		20.28		21.2	0.0
100	QPSK	270	0		20.32			
100	16QAM	1	1		19.86		21.2	0.0
100	64QAM	1	1		19.91		21.2	0.0
100	256QAM	1	1		20.08		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.22	20.26	20.31	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.29	20.30	20.32	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.19	20.24	20.22	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.23	20.28	20.27	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.30	20.22	20.21	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.27	20.23	20.24	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.31	20.31	20.26	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.30	20.25	20.25	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.26	20.30	20.20	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.19	20.27	20.21	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.11	20.20	20.23	21.2	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.99		21.2	0.0
100	PI/2 BPSK	1	137		19.96			
100	PI/2 BPSK	1	271		19.83			
100	PI/2 BPSK	135	0		20.04		21.2	0.0
100	PI/2 BPSK	135	69		20.00		21.2	0.0
100	PI/2 BPSK	135	138		19.89		21.2	0.0
100	PI/2 BPSK	270	0		20.03			
100	QPSK	1	1		20.08		21.2	0.0
100	QPSK	1	137		19.91			
100	QPSK	1	271		19.83			
100	QPSK	135	0		19.99		21.2	0.0
100	QPSK	135	69		20.04		21.2	0.0
100	QPSK	135	138		19.92		21.2	0.0
100	QPSK	270	0		19.97			
100	16QAM	1	1		19.69		21.2	0.0
100	64QAM	1	1		18.72		20.2	1.0
100	256QAM	1	1		17.34		18.2	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.95	19.96	20.00	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.93	20.02	19.96	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.94	19.95	19.94	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.01	20.00	20.03	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.93	19.93	19.96	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.98	20.01	19.95	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.99	19.97	20.02	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.96	20.01	20.04	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.03	19.98	20.02	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.93	19.99	19.98	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.96	20.03	20.00	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.90		21.2	0.0
100	PI/2 BPSK	1	137		20.14			
100	PI/2 BPSK	1	271		20.23			
100	PI/2 BPSK	135	0		20.17		21.2	0.0
100	PI/2 BPSK	135	69		20.26		21.2	0.0
100	PI/2 BPSK	135	138		20.22		21.2	0.0
100	PI/2 BPSK	270	0		20.23			
100	QPSK	1	1		20.29		21.2	0.0
100	QPSK	1	137		20.20			
100	QPSK	1	271		20.23			
100	QPSK	135	0		20.19		21.2	0.0
100	QPSK	135	69		20.27		21.2	0.0
100	QPSK	135	138		20.15		21.2	0.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		19.85		21.2	0.0
100	64QAM	1	1		18.77		20.2	1.0
100	256QAM	1	1		17.38		18.2	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.16	20.24	20.16	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.20	20.18	20.21	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.16	20.21	20.25	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.16	20.20	20.14	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.18	20.17	20.20	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.14	20.13	20.15	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.14	20.17	20.21	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.19	20.24	20.19	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.14	20.14	20.16	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.25	20.24	20.15	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.22	20.22	20.13	21.2	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.12	23.15	23.02	24.0	0.0
40	PI/2 BPSK	1	53	23.07	23.18	23.03		
40	PI/2 BPSK	1	104	23.00	23.06	22.95		
40	PI/2 BPSK	50	0	22.61	22.71	22.60	23.5	0.5
40	PI/2 BPSK	50	28	23.07	23.11	23.02	24.0	0.0
40	PI/2 BPSK	50	56	22.39	22.42	22.31	23.5	0.5
40	PI/2 BPSK	100	0	22.79	22.89	22.83		
40	QPSK	1	1	23.16	23.19	23.10	24.0	0.0
40	QPSK	1	53	23.02	23.05	22.94		
40	QPSK	1	104	22.93	22.98	22.90		
40	QPSK	50	0	22.06	22.16	22.06	23.0	1.0
40	QPSK	50	28	23.06	23.13	23.07	24.0	0.0
40	QPSK	50	56	21.95	22.05	22.01	23.0	1.0
40	QPSK	100	0	22.06	22.11	21.97		
40	16QAM	1	1	21.79	21.90	21.87	23.0	1.0
40	64QAM	1	1	20.38	20.51	20.39	21.5	2.5
40	256QAM	1	1	18.83	18.92	18.79	19.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.11	23.14	22.98	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.05	23.15	23.05	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.11	23.06	23.04	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.03	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	22.95	22.84	24.0	0.0
100	PI/2 BPSK	1	137	22.59	22.74	22.59		
100	PI/2 BPSK	1	271	22.71	22.85	22.70		
100	PI/2 BPSK	135	0	22.81	22.94	22.83	24.0	0.0
100	PI/2 BPSK	135	69	22.75	22.86	22.72	24.0	0.0
100	PI/2 BPSK	135	138	22.65	22.76	22.68	24.0	0.0
100	PI/2 BPSK	270	0	22.66	22.75	22.65		
100	QPSK	1	1	22.89	23.01	22.90	24.0	0.0
100	QPSK	1	137	22.80	22.89	22.78		
100	QPSK	1	271	22.65	22.74	22.64		
100	QPSK	135	0	22.79	22.95	22.80	24.0	0.0
100	QPSK	135	69	22.85	22.98	22.88	24.0	0.0
100	QPSK	135	138	22.54	22.70	22.59	24.0	0.0
100	QPSK	270	0	22.66	22.81	22.67		
100	16QAM	1	1	22.71	22.84	22.74	24.0	0.0
100	64QAM	1	1	22.69	22.83	22.72	24.0	0.0
100	256QAM	1	1	21.44	21.53	21.37	22.5	1.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.86	22.96	22.82	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.90	22.90	22.79	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.87	22.94	22.85	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.91	22.95	22.80	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.89	22.97	22.77	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.88	22.93	22.77	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.86	22.98	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.88	22.90	22.73	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.82	22.87	22.76	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.93	22.90	22.83	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.87	22.95	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	25.98	25.89	27.0	0.0
100	PI/2 BPSK	1	137	25.93	26.06	25.92		
100	PI/2 BPSK	1	271	25.85	25.94	25.85		
100	PI/2 BPSK	135	0	25.53	25.66	25.53	26.5	0.5
100	PI/2 BPSK	135	69	25.83	25.96	25.88	27.0	0.0
100	PI/2 BPSK	135	138	25.48	25.57	25.47	26.5	0.5
100	PI/2 BPSK	270	0	25.46	25.61	25.46		
100	QPSK	1	1	25.93	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.80	25.95	25.80		
100	QPSK	1	271	25.89	26.03	25.89		
100	QPSK	135	0	24.97	25.08	24.95	26.0	1.0
100	QPSK	135	69	25.95	26.04	25.94	27.0	0.0
100	QPSK	135	138	24.89	24.98	24.85	26.0	1.0
100	QPSK	270	0	24.85	25.00	24.90		
100	16QAM	1	1	24.48	24.58	24.47	26.0	1.0
100	64QAM	1	1	23.00	23.12	22.98	24.5	2.5
100	256QAM	1	1	21.56	21.66	21.51	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.96	25.96	25.99	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.94	26.00	26.03	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.02	25.95	25.98	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.97	26.01	26.00	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.99	25.94	26.00	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.00	25.97	25.94	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.02	26.00	25.95	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.00	25.95	25.93	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.02	26.03	25.99	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.01	26.02	25.96	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.00	26.00	26.05	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.05		24.0	0.0
100	PI/2 BPSK	1	137		22.90			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		22.84		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.97		24.0	0.0
100	PI/2 BPSK	270	0		22.95			
100	QPSK	1	1		23.11		24.0	0.0
100	QPSK	1	137		23.03			
100	QPSK	1	271		23.06			
100	QPSK	135	0		22.99		24.0	0.0
100	QPSK	135	69		23.07		24.0	0.0
100	QPSK	135	138		22.94		24.0	0.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.03		24.0	0.0
100	64QAM	1	1		22.93		24.0	0.0
100	256QAM	1	1		21.53		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.98	23.08	23.00	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.90	22.99	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.94	22.97	22.87	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.87	22.99	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.07	23.05	22.98	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.01	23.07	22.99	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.92	23.03	22.89	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.00	23.03	22.98	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.83	22.96	22.94	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.98	23.08	23.01	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.92	23.02	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.88		27.0	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.72			
100	PI/2 BPSK	135	0		25.32		26.5	0.5
100	PI/2 BPSK	135	69		25.89		27.0	0.0
100	PI/2 BPSK	135	138		25.24		26.5	0.5
100	PI/2 BPSK	270	0		25.44			
100	QPSK	1	1		26.04		27.0	0.0
100	QPSK	1	137		25.98			
100	QPSK	1	271		25.88			
100	QPSK	135	0		25.12		26.0	1.0
100	QPSK	135	69		25.97		27.0	0.0
100	QPSK	135	138		24.94		26.0	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.94		26.0	1.0
100	64QAM	1	1		23.48		24.5	2.5
100	256QAM	1	1		21.54		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	26.01	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.87	25.92	25.92	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.82	25.82	25.91	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.85	25.87	25.88	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.83	25.94	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.77	25.88	25.90	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.79	25.91	25.84	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.80	25.90	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.84	25.85	25.94	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.82	25.86	25.86	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.82	25.90	25.86	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.35		24.0	0.0
100	PI/2 BPSK	1	137		22.23			
100	PI/2 BPSK	1	271		22.31			
100	PI/2 BPSK	135	0		21.90		23.5	0.5
100	PI/2 BPSK	135	69		22.40		24.0	0.0
100	PI/2 BPSK	135	138		21.70		23.5	0.5
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		22.48		24.0	0.0
100	QPSK	1	137		22.40			
100	QPSK	1	271		22.29			
100	QPSK	135	0		21.37		23.0	1.0
100	QPSK	135	69		22.39		24.0	0.0
100	QPSK	135	138		21.33		23.0	1.0
100	QPSK	270	0		21.44			
100	16QAM	1	1		21.28		23.0	1.0
100	64QAM	1	1		19.88		21.5	2.5
100	256QAM	1	1		17.91		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.35	22.35	22.40	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.33	22.32	22.30	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.33	22.33	22.22	24.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.30	22.35	22.29	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.26	22.38	22.29	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.34	22.29	22.24	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.27	22.34	22.30	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.34	22.38	22.22	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.25	22.33	22.23	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.34	22.37	22.27	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.28	22.29	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.56		24.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.40			
100	PI/2 BPSK	135	0		22.00		23.5	0.5
100	PI/2 BPSK	135	69		22.57		24.0	0.0
100	PI/2 BPSK	135	138		21.92		23.5	0.5
100	PI/2 BPSK	270	0		22.12			
100	QPSK	1	1		22.68		24.0	0.0
100	QPSK	1	137		22.66			
100	QPSK	1	271		22.58			
100	QPSK	135	0		21.60		23.0	1.0
100	QPSK	135	69		22.57		24.0	0.0
100	QPSK	135	138		21.62		23.0	1.0
100	QPSK	270	0		21.66			
100	16QAM	1	1		21.44		23.0	1.0
100	64QAM	1	1		20.09		21.5	2.5
100	256QAM	1	1		18.22		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.63	22.54	22.55	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.54	22.57	22.50	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.45	22.51	22.50	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.54	22.57	22.49	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.46	22.51	22.50	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.49	22.46	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.43	22.49	22.48	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.50	22.48	22.51	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.44	22.53	22.48	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.47	22.55	22.44	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.54	22.48	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.46	21.76	21.44	22.6	0.0
40	PI/2 BPSK	1	53	21.61	21.69	21.54		
40	PI/2 BPSK	1	104	21.29	21.37	21.21		
40	PI/2 BPSK	50	0	21.02	21.13	20.98	22.1	0.5
40	PI/2 BPSK	50	28	21.47	21.56	21.45	22.6	0.0
40	PI/2 BPSK	50	56	20.76	20.82	20.77	22.1	0.5
40	PI/2 BPSK	100	0	20.91	20.96	20.90		
40	QPSK	1	1	21.55	21.82	21.42	22.6	0.0
40	QPSK	1	53	21.41	21.57	21.52		
40	QPSK	1	104	21.24	21.32	21.19		
40	QPSK	50	0	20.48	20.53	20.45	21.6	1.0
40	QPSK	50	28	21.41	21.53	21.38	22.6	0.0
40	QPSK	50	56	20.25	20.33	20.21	21.6	1.0
40	QPSK	100	0	20.39	20.46	20.30		
40	16QAM	1	1	20.12	20.29	20.18	21.6	1.0
40	64QAM	1	1	18.72	18.84	18.70	20.1	2.5
40	256QAM	1	1	17.37	17.53	17.34	18.1	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.53	21.59	21.46	22.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.39	21.52	21.37	22.6	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.25	21.36	21.35	22.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.30	21.45	21.35	22.6	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.80	21.82	21.59	22.5	0.0
100	PI/2 BPSK	1	137	21.66	21.79	21.72		
100	PI/2 BPSK	1	271	21.42	21.52	21.41		
100	PI/2 BPSK	135	0	21.91	21.96	21.84	22.5	0.0
100	PI/2 BPSK	135	69	21.81	21.91	21.75	22.5	0.0
100	PI/2 BPSK	135	138	21.64	21.73	21.63	22.5	0.0
100	PI/2 BPSK	270	0	21.86	21.92	21.80		
100	QPSK	1	1	21.83	22.01	21.65	22.5	0.0
100	QPSK	1	137	21.70	21.84	21.75		
100	QPSK	1	271	21.38	21.47	21.36		
100	QPSK	135	0	21.89	21.87	21.93	22.5	0.0
100	QPSK	135	69	21.83	21.98	21.74	22.5	0.0
100	QPSK	135	138	21.68	21.77	21.64	22.5	0.0
100	QPSK	270	0	21.85	21.90	21.75		
100	16QAM	1	1	21.58	21.66	21.52	22.5	0.0
100	64QAM	1	1	21.65	21.61	21.40	22.5	0.0
100	256QAM	1	1	20.77	20.79	20.66	21.0	1.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.67	21.85	21.55	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.73	21.94	21.54	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.69	21.90	21.60	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.67	21.97	21.60	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.78	21.92	21.51	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.74	21.87	21.54	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.68	21.86	21.50	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.79	21.90	21.60	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.79	21.86	21.50	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.75	21.96	21.54	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.78	21.89	21.56	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.28	23.35	23.22	23.5	0.0
100	PI/2 BPSK	1	137	23.27	23.39	23.34		
100	PI/2 BPSK	1	271	22.99	23.08	22.95		
100	PI/2 BPSK	135	0	22.94	23.04	22.99	23.5	0.0
100	PI/2 BPSK	135	69	23.14	23.28	23.18	23.5	0.0
100	PI/2 BPSK	135	138	23.08	23.15	23.03	23.5	0.0
100	PI/2 BPSK	270	0	22.87	23.01	22.98		
100	QPSK	1	1	23.34	23.46	23.39	23.5	0.0
100	QPSK	1	137	23.26	23.33	23.19		
100	QPSK	1	271	23.01	23.12	23.04		
100	QPSK	135	0	23.08	23.16	23.08	23.5	0.0
100	QPSK	135	69	23.27	23.37	23.30	23.5	0.0
100	QPSK	135	138	23.14	23.22	23.08	23.5	0.0
100	QPSK	270	0	22.97	23.08	23.04		
100	16QAM	1	1	22.71	22.79	22.76	23.5	0.0
100	64QAM	1	1	21.71	21.83	21.72	22.0	1.5
100	256QAM	1	1	20.21	20.35	20.23	20.5	3.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.24	23.35	23.25	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.42	23.27	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.27	23.34	23.26	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.22	23.37	23.33	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.25	23.33	23.26	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.22	23.38	23.27	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.25	23.40	23.27	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.28	23.38	23.33	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.28	23.36	23.33	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.26	23.41	23.29	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.27	23.39	23.28	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.20		22.5	0.0
100	PI/2 BPSK	1	137		21.26			
100	PI/2 BPSK	1	271		21.30			
100	PI/2 BPSK	135	0		21.05		22.5	0.0
100	PI/2 BPSK	135	69		21.26		22.5	0.0
100	PI/2 BPSK	135	138		21.28		22.5	0.0
100	PI/2 BPSK	270	0		21.26			
100	QPSK	1	1		21.37		22.5	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.10		22.5	0.0
100	QPSK	135	69		21.33		22.5	0.0
100	QPSK	135	138		21.21		22.5	0.0
100	QPSK	270	0		21.17			
100	16QAM	1	1		20.67		22.5	0.0
100	64QAM	1	1		20.62		22.5	0.0
100	256QAM	1	1		19.67		21.0	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.27	21.25	21.25	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.27	21.23	21.29	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.30	21.26	21.28	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.31	21.33	21.22	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.32	21.31	21.27	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.23	21.23	21.29	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.29	21.32	21.32	22.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.27	21.30	21.27	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.32	21.27	21.32	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.29	21.26	21.33	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.25	21.29	21.27	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.90		23.5	0.0
100	PI/2 BPSK	1	137		21.85			
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		22.10		23.5	0.0
100	PI/2 BPSK	135	69		22.09		23.5	0.0
100	PI/2 BPSK	135	138		22.19		23.5	0.0
100	PI/2 BPSK	270	0		22.13			
100	QPSK	1	1		22.46		23.5	0.0
100	QPSK	1	137		22.18			
100	QPSK	1	271		22.16			
100	QPSK	135	0		21.87		23.5	0.0
100	QPSK	135	69		21.96		23.5	0.0
100	QPSK	135	138		21.84		23.5	0.0
100	QPSK	270	0		21.89			
100	16QAM	1	1		20.98		22.5	1.0
100	64QAM	1	1		20.93		22.0	1.5
100	256QAM	1	1		20.02		21.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.34	22.41	22.41	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.34	22.35	22.32	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.39	22.36	22.43	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.33	22.35	22.36	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.32	22.33	22.38	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.37	22.35	22.34	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.33	22.37	22.39	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.41	22.31	22.39	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.36	22.38	22.40	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.32	22.34	22.41	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.32	22.41	22.40	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.68		22.4	0.0
100	PI/2 BPSK	1	137		21.62			
100	PI/2 BPSK	1	271		21.58			
100	PI/2 BPSK	135	0		21.13		21.9	0.5
100	PI/2 BPSK	135	69		21.73		22.4	0.0
100	PI/2 BPSK	135	138		21.07		21.9	0.5
100	PI/2 BPSK	270	0		21.21			
100	QPSK	1	1		21.76		22.4	0.0
100	QPSK	1	137		21.65			
100	QPSK	1	271		21.57			
100	QPSK	135	0		20.56		21.4	1.0
100	QPSK	135	69		21.64		22.4	0.0
100	QPSK	135	138		20.45		21.4	1.0
100	QPSK	270	0		20.57			
100	16QAM	1	1		20.17		21.4	1.0
100	64QAM	1	1		18.63		19.9	2.5
100	256QAM	1	1		17.24		17.9	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.72	21.68	21.69	22.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.65	21.67	21.62	22.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.62	21.61	22.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.70	21.60	21.61	22.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.67	21.63	21.67	22.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.66	21.69	21.72	22.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.63	21.62	21.63	22.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.65	21.62	21.62	22.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.60	21.71	21.71	22.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.61	21.71	21.70	22.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.70	21.61	21.62	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.95		22.4	0.0
100	PI/2 BPSK	1	137		21.02			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		20.36		21.9	0.5
100	PI/2 BPSK	135	69		20.99		22.4	0.0
100	PI/2 BPSK	135	138		20.51		21.9	0.5
100	PI/2 BPSK	270	0		20.44			
100	QPSK	1	1		21.11		22.4	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		20.94			
100	QPSK	135	0		19.93		21.4	1.0
100	QPSK	135	69		21.07		22.4	0.0
100	QPSK	135	138		20.00		21.4	1.0
100	QPSK	270	0		19.92			
100	16QAM	1	1		19.47		21.4	1.0
100	64QAM	1	1		17.98		19.9	2.5
100	256QAM	1	1		16.35		17.9	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	21.00	20.98	22.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.06	21.07	20.99	22.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	20.97	21.04	22.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.98	20.96	20.95	22.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.00	21.01	20.96	22.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.98	20.95	20.97	22.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.96	21.02	20.97	22.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.01	21.02	20.98	22.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.98	20.95	22.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.96	20.98	20.97	22.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.04	21.05	21.00	22.4	0.0

Reduced Power Level for 5GNR
ECI3

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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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.68	16.62	16.56	17.5	0.0
40	PI/2 BPSK	1	108	16.73	16.71	16.46		
40	PI/2 BPSK	1	214	16.70	16.67	16.51		
40	PI/2 BPSK	108	0	16.63	16.62	16.54	17.5	0.0
40	PI/2 BPSK	108	54	16.72	16.65	16.45	17.5	0.0
40	PI/2 BPSK	108	108	16.66	16.69	16.49	17.5	0.0
40	PI/2 BPSK	216	0	16.68	16.71	16.57		
40	QPSK	1	1	16.69	16.77	16.41	17.5	0.0
40	QPSK	1	108	16.68	16.62	16.50		
40	QPSK	1	214	16.63	16.63	16.47		
40	QPSK	108	0	16.68	16.65	16.49	17.5	0.0
40	QPSK	108	54	16.69	16.71	16.52	17.5	0.0
40	QPSK	108	108	16.66	16.62	16.51	17.5	0.0
40	QPSK	216	0	16.66	16.69	16.44		
40	16QAM	1	1	16.72	16.71	16.43	17.5	0.0
40	64QAM	1	1	16.71	16.63	16.47	17.5	0.0
40	256QAM	1	1	16.62	16.66	16.46	17.5	0.0
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.52	16.75	16.28	17.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.54	16.67	16.36	17.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.57	16.68	16.41	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.57	16.67	16.36	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.56	16.63	16.33	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.54	16.71	16.37	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.72	22.82	22.78	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.92	22.84		
20	PI/2 BPSK	1	104	22.79	22.86	22.80		
20	PI/2 BPSK	50	0	22.20	22.26	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.72	22.83	22.79	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.29	22.24		
20	QPSK	1	1	22.79	23.11	22.84	24.0	0.0
20	QPSK	1	53	22.92	22.96	22.89		
20	QPSK	1	104	22.68	22.81	22.73		
20	QPSK	50	0	21.79	21.87	21.73	23.0	1.0
20	QPSK	50	28	22.70	22.79	22.71	24.0	0.0
20	QPSK	50	56	21.82	21.90	21.77	23.0	1.0
20	QPSK	100	0	21.68	21.77	21.61		
20	16QAM	1	1	21.43	21.46	21.55	23.0	1.0
20	64QAM	1	1	19.99	20.01	20.02	21.5	2.5
20	256QAM	1	1	18.89	18.87	18.93	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.64	22.77	22.63	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.73	22.85	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.80	22.75	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.27	19.24	19.31	20.3	0.0
40	PI/2 BPSK	1	108	19.35	19.34	19.13		
40	PI/2 BPSK	1	214	19.31	19.31	19.16		
40	PI/2 BPSK	108	0	19.26	19.24	19.24	20.3	0.0
40	PI/2 BPSK	108	54	19.26	19.28	19.18	20.3	0.0
40	PI/2 BPSK	108	108	19.27	19.34	19.17	20.3	0.0
40	PI/2 BPSK	216	0	19.24	19.35	19.22		
40	QPSK	1	1	19.23	19.39	19.14	20.3	0.0
40	QPSK	1	108	19.25	19.26	19.17		
40	QPSK	1	214	19.19	19.28	19.14		
40	QPSK	108	0	19.29	19.27	19.16	20.3	0.0
40	QPSK	108	54	19.26	19.30	19.25	20.3	0.0
40	QPSK	108	108	19.30	19.18	19.21	20.3	0.0
40	QPSK	216	0	19.23	19.28	19.15		
40	16QAM	1	1	19.34	19.34	19.14	20.3	0.0
40	64QAM	1	1	19.27	19.27	19.16	20.3	0.0
40	256QAM	1	1	19.22	19.26	19.19	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.15	19.31	19.08	20.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.09	19.33	19.01	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.11	19.32	19.01	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.16	19.24	19.03	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.16	19.34	19.05	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.17	19.25	19.06	20.3	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.38	16.37	16.48	17.9	0.0
40	PI/2 BPSK	1	108	16.45	16.46	16.32		
40	PI/2 BPSK	1	214	16.46	16.52	16.32		
40	PI/2 BPSK	108	0	16.35	16.36	16.35	17.9	0.0
40	PI/2 BPSK	108	54	16.38	16.47	16.30	17.9	0.0
40	PI/2 BPSK	108	108	16.43	16.55	16.30	17.9	0.0
40	PI/2 BPSK	216	0	16.38	16.50	16.40		
40	QPSK	1	1	16.56	16.61	16.48	17.9	0.0
40	QPSK	1	108	16.44	16.38	16.29		
40	QPSK	1	214	16.32	16.44	16.35		
40	QPSK	108	0	16.43	16.40	16.35	17.9	0.0
40	QPSK	108	54	16.40	16.51	16.37	17.9	0.0
40	QPSK	108	108	16.50	16.36	16.41	17.9	0.0
40	QPSK	216	0	16.41	16.45	16.25		
40	16QAM	1	1	16.45	16.45	16.24	17.9	0.0
40	64QAM	1	1	16.37	16.37	16.33	17.9	0.0
40	256QAM	1	1	16.32	16.43	16.29	17.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.41	16.53	16.33	17.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.52	16.49	16.37	17.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.51	16.49	16.44	17.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.27	16.43	16.36	17.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.30	16.48	16.42	17.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.29	16.45	16.44	17.9	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		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.51	22.66	22.54	23.5	0.0
20	PI/2 BPSK	1	53	22.56	22.61	22.47		
20	PI/2 BPSK	1	104	22.63	22.74	22.59		
20	PI/2 BPSK	50	0	22.07	22.19	22.09	23.0	0.5
20	PI/2 BPSK	50	28	22.60	22.66	22.58	23.5	0.0
20	PI/2 BPSK	50	56	22.07	22.21	22.16	23.0	0.5
20	PI/2 BPSK	100	0	22.01	22.14	22.07		
20	QPSK	1	1	22.53	22.79	22.63	23.5	0.0
20	QPSK	1	53	22.58	22.65	22.52		
20	QPSK	1	104	22.64	22.72	22.65		
20	QPSK	50	0	21.38	21.52	21.46	22.5	1.0
20	QPSK	50	28	22.48	22.62	22.47	23.5	0.0
20	QPSK	50	56	21.58	21.67	21.52	22.5	1.0
20	QPSK	100	0	21.49	21.63	21.58		
20	16QAM	1	1	21.21	21.29	21.25	22.5	1.0
20	64QAM	1	1	19.79	19.88	19.83	21.0	2.5
20	256QAM	1	1	18.70	18.68	18.71	19.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.59	22.63	23.49	23.5	0.0
Channel				165500	167500	169500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.45	22.55	22.54	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.48	22.58	22.44	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.58	16.54	16.63	18.1	0.0
40	PI/2 BPSK	1	108	16.63	16.63	16.43		
40	PI/2 BPSK	1	214	16.54	16.61	16.48		
40	PI/2 BPSK	108	0	16.48	16.57	16.49	18.1	0.0
40	PI/2 BPSK	108	54	16.59	16.55	16.41	18.1	0.0
40	PI/2 BPSK	108	108	16.51	16.65	16.45	18.1	0.0
40	PI/2 BPSK	216	0	16.56	16.59	16.50		
40	QPSK	1	1	16.66	16.71	16.39	18.1	0.0
40	QPSK	1	108	16.51	16.57	16.41		
40	QPSK	1	214	16.41	16.51	16.39		
40	QPSK	108	0	16.55	16.54	16.38	18.1	0.0
40	QPSK	108	54	16.54	16.62	16.48	18.1	0.0
40	QPSK	108	108	16.53	16.48	16.49	18.1	0.0
40	QPSK	216	0	16.55	16.57	16.41		
40	16QAM	1	1	16.63	16.67	16.35	18.1	0.0
40	64QAM	1	1	16.59	16.54	16.41	18.1	0.0
40	256QAM	1	1	16.50	16.54	16.51	18.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.57	16.58	16.24	18.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.58	16.65	16.32	18.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.54	16.67	16.25	18.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.61	16.56	16.25	18.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.55	16.63	16.31	18.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.51	16.60	16.27	18.1	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.33	17.29	17.38	18.7	0.0
40	PI/2 BPSK	1	53	17.33	17.38	17.10		
40	PI/2 BPSK	1	104	17.24	17.33	17.26		
40	PI/2 BPSK	50	0	17.20	17.29	17.27	18.7	0.0
40	PI/2 BPSK	50	28	17.33	17.26	17.15	18.7	0.0
40	PI/2 BPSK	50	56	17.27	17.38	17.19	18.7	0.0
40	PI/2 BPSK	100	0	17.28	17.35	17.22		
40	QPSK	1	1	17.39	17.48	17.14	18.7	0.0
40	QPSK	1	53	17.21	17.34	17.12		
40	QPSK	1	104	17.08	17.28	17.09		
40	QPSK	50	0	17.33	17.30	17.10	18.7	0.0
40	QPSK	50	28	17.27	17.36	17.21	18.7	0.0
40	QPSK	50	56	17.20	17.25	17.26	18.7	0.0
40	QPSK	100	0	17.33	17.34	17.08		
40	16QAM	1	1	17.41	17.42	17.02	18.7	0.0
40	64QAM	1	1	17.33	17.30	17.08	18.7	0.0
40	256QAM	1	1	17.20	17.21	17.29	18.7	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.29	17.43	17.10	18.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.32	17.44	17.05	18.7	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.25	17.36	17.35	18.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.32	17.41	17.07	18.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.73	17.71	17.69	18.1	0.0
100	PI/2 BPSK	1	137	17.66	17.70	17.49		
100	PI/2 BPSK	1	271	17.62	17.75	17.57		
100	PI/2 BPSK	135	0	17.53	17.70	17.57	18.1	0.0
100	PI/2 BPSK	135	69	17.64	17.62	17.50	18.1	0.0
100	PI/2 BPSK	135	138	17.61	17.68	17.59	18.1	0.0
100	PI/2 BPSK	270	0	17.68	17.71	17.58		
100	QPSK	1	1	17.72	17.79	17.52	18.1	0.0
100	QPSK	1	137	17.61	17.75	17.49		
100	QPSK	1	271	17.44	17.64	17.44		
100	QPSK	135	0	17.69	17.65	17.46	18.1	0.0
100	QPSK	135	69	17.60	17.75	17.61	18.1	0.0
100	QPSK	135	138	17.52	17.59	17.60	18.1	0.0
100	QPSK	270	0	17.70	17.73	17.40		
100	16QAM	1	1	17.78	17.74	17.38	18.1	0.0
100	64QAM	1	1	17.75	17.72	17.44	18.1	0.0
100	256QAM	1	1	17.51	17.51	17.71	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.68	17.67	17.41	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.57	17.70	17.38	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.59	17.71	17.38	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.59	17.73	17.46	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.61	17.66	17.43	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.66	17.65	17.39	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.65	17.66	17.38	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.57	17.63	17.37	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.66	17.65	17.39	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.61	17.71	17.43	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.63	17.64	17.44	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.51		18.1	0.0
100	PI/2 BPSK	1	137		17.54			
100	PI/2 BPSK	1	271		17.55			
100	PI/2 BPSK	135	0		17.57		18.1	0.0
100	PI/2 BPSK	135	69		17.51		18.1	0.0
100	PI/2 BPSK	135	138		17.50		18.1	0.0
100	PI/2 BPSK	270	0		17.56			
100	QPSK	1	1		17.65		18.1	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.49			
100	QPSK	135	0		17.54		18.1	0.0
100	QPSK	135	69		17.57		18.1	0.0
100	QPSK	135	138		17.42		18.1	0.0
100	QPSK	270	0		17.53			
100	16QAM	1	1		17.53		18.1	0.0
100	64QAM	1	1		17.61		18.1	0.0
100	256QAM	1	1		17.34		18.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.53	17.61	17.50	18.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.56	17.54	17.53	18.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.52	17.53	17.53	18.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.58	17.59	17.60	18.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.58	17.55	17.52	18.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.59	17.51	17.55	18.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.57	17.49	17.58	18.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.59	17.54	17.53	18.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.58	17.50	17.58	18.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.58	17.56	17.53	18.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.54	17.57	17.49	18.1	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.10		18.1	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.12		18.1	0.0
100	PI/2 BPSK	135	69		17.10		18.1	0.0
100	PI/2 BPSK	135	138		17.13		18.1	0.0
100	PI/2 BPSK	270	0		17.14			
100	QPSK	1	1		17.28		18.1	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.03			
100	QPSK	135	0		17.09		18.1	0.0
100	QPSK	135	69		17.20		18.1	0.0
100	QPSK	135	138		17.00		18.1	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.15		18.1	0.0
100	64QAM	1	1		17.19		18.1	0.0
100	256QAM	1	1		16.91		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.19	17.14	17.22	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.15	17.16	17.12	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.23	17.18	17.18	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.22	17.12	17.15	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.14	17.13	17.21	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.18	17.23	17.17	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.13	17.21	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.18	17.17	17.23	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.15	17.21	17.17	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.21	17.14	17.20	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.21	17.20	17.12	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.04		18.1	0.0
100	PI/2 BPSK	1	137		16.96			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		16.97		18.1	0.0
100	PI/2 BPSK	135	69		17.01		18.1	0.0
100	PI/2 BPSK	135	138		17.00		18.1	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14		18.1	0.0
100	QPSK	1	137		17.10			
100	QPSK	1	271		16.98			
100	QPSK	135	0		17.05		18.1	0.0
100	QPSK	135	69		17.08		18.1	0.0
100	QPSK	135	138		16.87		18.1	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		17.01		18.1	0.0
100	64QAM	1	1		17.08		18.1	0.0
100	256QAM	1	1		16.98		18.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.09	17.05	18.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.01	17.00	17.10	18.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	16.99	17.01	18.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.98	17.04	17.03	18.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.08	17.08	17.02	18.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	17.07	17.08	18.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.10	17.00	17.04	18.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.09	17.08	17.05	18.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.00	17.00	17.10	18.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.08	17.03	16.99	18.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.06	17.09	17.00	18.1	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.36	16.31	16.39	17.7	0.0
40	PI/2 BPSK	1	53	16.39	16.39	16.14		
40	PI/2 BPSK	1	104	16.26	16.34	16.23		
40	PI/2 BPSK	50	0	16.23	16.28	16.25	17.7	0.0
40	PI/2 BPSK	50	28	16.31	16.29	16.10	17.7	0.0
40	PI/2 BPSK	50	56	16.26	16.37	16.14	17.7	0.0
40	PI/2 BPSK	100	0	16.28	16.30	16.22		
40	QPSK	1	1	16.39	16.47	16.18	17.7	0.0
40	QPSK	1	53	16.24	16.34	16.16		
40	QPSK	1	104	16.12	16.28	16.11		
40	QPSK	50	0	16.31	16.31	16.15	17.7	0.0
40	QPSK	50	28	16.26	16.36	16.21	17.7	0.0
40	QPSK	50	56	16.24	16.24	16.29	17.7	0.0
40	QPSK	100	0	16.30	16.32	16.06		
40	16QAM	1	1	16.36	16.40	16.28	17.7	0.0
40	64QAM	1	1	16.28	16.35	16.05	17.7	0.0
40	256QAM	1	1	16.16	16.19	16.31	17.7	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.27	16.32	16.08	17.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.33	16.36	16.07	17.7	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.25	16.36	16.35	17.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.27	16.42	16.11	17.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.01	16.04	16.05	16.4	0.0
100	PI/2 BPSK	1	137	16.03	16.07	15.94		
100	PI/2 BPSK	1	271	15.96	16.03	15.88		
100	PI/2 BPSK	135	0	15.91	15.99	15.94	16.4	0.0
100	PI/2 BPSK	135	69	16.04	16.01	15.99	16.4	0.0
100	PI/2 BPSK	135	138	15.93	16.08	15.92	16.4	0.0
100	PI/2 BPSK	270	0	15.94	16.02	15.87		
100	QPSK	1	1	16.08	16.11	15.95	16.4	0.0
100	QPSK	1	137	15.93	16.04	15.99		
100	QPSK	1	271	15.97	15.95	15.87		
100	QPSK	135	0	16.02	16.01	15.91	16.4	0.0
100	QPSK	135	69	15.92	16.09	15.94	16.4	0.0
100	QPSK	135	138	15.90	15.96	15.94	16.4	0.0
100	QPSK	270	0	16.00	16.04	15.99		
100	16QAM	1	1	16.03	16.06	16.00	16.4	0.0
100	64QAM	1	1	15.96	16.00	15.92	16.4	0.0
100	256QAM	1	1	15.96	16.01	16.05	16.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.96	15.95	15.88	16.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.94	15.97	15.90	16.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.99	16.06	15.81	16.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.97	15.98	15.87	16.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.95	16.01	15.80	16.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.92	15.98	15.90	16.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.95	16.00	15.83	16.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.97	16.03	15.89	16.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.00	15.99	15.84	16.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.96	16.05	15.89	16.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.96	16.03	15.89	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.08		16.4	0.0
100	PI/2 BPSK	1	137		16.14			
100	PI/2 BPSK	1	271		16.19			
100	PI/2 BPSK	135	0		16.09		16.4	0.0
100	PI/2 BPSK	135	69		16.06		16.4	0.0
100	PI/2 BPSK	135	138		16.14		16.4	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.27		16.4	0.0
100	QPSK	1	137		16.09			
100	QPSK	1	271		16.07			
100	QPSK	135	0		16.12		16.4	0.0
100	QPSK	135	69		16.21		16.4	0.0
100	QPSK	135	138		16.04		16.4	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.18		16.4	0.0
100	64QAM	1	1		16.16		16.4	0.0
100	256QAM	1	1		16.05		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.13	16.19	16.14	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.15	16.12	16.17	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.12	16.17	16.12	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.16	16.18	16.13	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.23	16.11	16.22	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.20	16.19	16.17	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.13	16.22	16.12	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.19	16.12	16.11	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.13	16.15	16.17	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.12	16.18	16.17	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.12	16.21	16.13	16.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.53		16.4	0.0
100	PI/2 BPSK	1	137		15.69			
100	PI/2 BPSK	1	271		15.69			
100	PI/2 BPSK	135	0		15.61		16.4	0.0
100	PI/2 BPSK	135	69		15.51		16.4	0.0
100	PI/2 BPSK	135	138		15.63		16.4	0.0
100	PI/2 BPSK	270	0		15.68			
100	QPSK	1	1		15.74		16.4	0.0
100	QPSK	1	137		15.65			
100	QPSK	1	271		15.58			
100	QPSK	135	0		15.59		16.4	0.0
100	QPSK	135	69		15.65		16.4	0.0
100	QPSK	135	138		15.57		16.4	0.0
100	QPSK	270	0		15.62			
100	16QAM	1	1		15.68		16.4	0.0
100	64QAM	1	1		15.71		16.4	0.0
100	256QAM	1	1		15.56		16.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.62	15.60	15.63	16.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.59	15.68	15.64	16.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.69	15.64	15.66	16.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.68	15.62	15.62	16.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.62	15.63	15.59	16.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.64	15.58	15.67	16.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.58	15.64	15.63	16.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.68	15.70	15.59	16.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.69	15.58	15.67	16.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.66	15.61	15.70	16.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.66	15.65	15.59	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.64		16.4	0.0
100	PI/2 BPSK	1	137		15.75			
100	PI/2 BPSK	1	271		15.84			
100	PI/2 BPSK	135	0		15.73		16.4	0.0
100	PI/2 BPSK	135	69		15.64		16.4	0.0
100	PI/2 BPSK	135	138		15.70		16.4	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.90		16.4	0.0
100	QPSK	1	137		15.69			
100	QPSK	1	271		15.70			
100	QPSK	135	0		15.72		16.4	0.0
100	QPSK	135	69		15.76		16.4	0.0
100	QPSK	135	138		15.69		16.4	0.0
100	QPSK	270	0		15.78			
100	16QAM	1	1		15.80		16.4	0.0
100	64QAM	1	1		15.78		16.4	0.0
100	256QAM	1	1		15.65		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.85	15.84	15.85	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.78	15.86	15.85	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.77	15.83	15.77	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.80	15.76	15.78	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.78	15.74	15.78	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.82	15.79	15.76	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.77	15.75	15.86	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.83	15.82	15.82	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.76	15.79	15.76	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.82	15.85	15.83	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.85	15.77	15.75	16.4	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.56	19.64	19.53	20.5	0.0
40	PI/2 BPSK	1	53	19.34	19.49	19.38		
40	PI/2 BPSK	1	104	19.32	19.44	19.39		
40	PI/2 BPSK	50	0	19.42	19.60	19.57	20.5	0.0
40	PI/2 BPSK	50	28	19.44	19.56	19.49	20.5	0.0
40	PI/2 BPSK	50	56	19.42	19.45	19.37	20.5	0.0
40	PI/2 BPSK	100	0	19.47	19.57	19.46		
40	QPSK	1	1	19.66	19.68	19.51	20.5	0.0
40	QPSK	1	53	19.37	19.50	19.42		
40	QPSK	1	104	19.32	19.48	19.41		
40	QPSK	50	0	19.44	19.60	19.55	20.5	0.0
40	QPSK	50	28	19.61	19.64	19.54	20.5	0.0
40	QPSK	50	56	19.24	19.42	19.32	20.5	0.0
40	QPSK	100	0	19.50	19.62	19.54		
40	16QAM	1	1	19.39	19.44	19.27	20.5	0.0
40	64QAM	1	1	19.45	19.52	19.37	20.5	0.0
40	256QAM	1	1	19.52	19.56	19.40	20.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.44	19.48	19.24	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.34	19.44	19.23	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.25	19.36	19.35	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.48	19.42	19.20	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.80	17.83	17.76	19.4	0.0
100	PI/2 BPSK	1	137	17.60	17.76	17.64		
100	PI/2 BPSK	1	271	17.53	17.69	17.54		
100	PI/2 BPSK	135	0	17.62	17.73	17.57	19.4	0.0
100	PI/2 BPSK	135	69	17.71	17.81	17.67	19.4	0.0
100	PI/2 BPSK	135	138	17.48	17.65	17.59	19.4	0.0
100	PI/2 BPSK	270	0	17.67	17.75	17.70		
100	QPSK	1	1	17.93	17.99	17.96	19.4	0.0
100	QPSK	1	137	17.68	17.71	17.55		
100	QPSK	1	271	17.51	17.57	17.50		
100	QPSK	135	0	17.62	17.68	17.66	19.4	0.0
100	QPSK	135	69	17.65	17.79	17.66	19.4	0.0
100	QPSK	135	138	17.60	17.66	17.53	19.4	0.0
100	QPSK	270	0	17.74	17.77	17.62		
100	16QAM	1	1	17.43	17.43	17.46	19.4	0.0
100	64QAM	1	1	17.46	17.46	17.42	19.4	0.0
100	256QAM	1	1	17.41	17.56	17.51	19.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.75	17.90	17.83	19.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.81	17.81	17.82	19.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.86	17.83	17.86	19.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.84	17.91	17.90	19.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.77	17.86	17.94	19.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.83	17.96	17.92	19.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.77	17.84	17.86	19.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.85	17.87	17.84	19.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.75	17.95	17.88	19.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.89	17.92	17.83	19.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.87	17.94	17.83	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.52		19.4	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.46		19.4	0.0
100	PI/2 BPSK	135	69		18.53		19.4	0.0
100	PI/2 BPSK	135	138		18.56		19.4	0.0
100	PI/2 BPSK	270	0		18.42			
100	QPSK	1	1		18.66		19.4	0.0
100	QPSK	1	137		18.47			
100	QPSK	1	271		18.55			
100	QPSK	135	0		18.43		19.4	0.0
100	QPSK	135	69		18.51		19.4	0.0
100	QPSK	135	138		18.40		19.4	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.19		19.4	0.0
100	64QAM	1	1		18.03		19.4	0.0
100	256QAM	1	1		18.21		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.47	18.60	18.60	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.40	18.45	18.48	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.43	18.49	18.59	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.33	18.53	18.45	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.34	18.61	18.56	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.42	18.49	18.58	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.42	18.54	18.50	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.41	18.60	18.53	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.46	18.49	18.54	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.43	18.57	18.55	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.48	18.51	18.49	19.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.82		19.4	0.0
100	PI/2 BPSK	1	137		17.57			
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.52		19.4	0.0
100	PI/2 BPSK	135	69		17.63		19.4	0.0
100	PI/2 BPSK	135	138		17.48		19.4	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.78		19.4	0.0
100	QPSK	1	137		17.50			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.48		19.4	0.0
100	QPSK	135	69		17.59		19.4	0.0
100	QPSK	135	138		17.49		19.4	0.0
100	QPSK	270	0		17.58			
100	16QAM	1	1		17.42		19.4	0.0
100	64QAM	1	1		17.41		19.4	0.0
100	256QAM	1	1		17.45		19.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.55	17.68	17.64	19.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.51	17.68	17.64	19.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.57	17.73	17.65	19.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.56	17.71	17.61	19.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.57	17.66	17.61	19.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.51	17.72	17.63	19.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.54	17.74	17.62	19.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.54	17.71	17.66	19.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.55	17.73	17.62	19.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.57	17.70	17.62	19.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.53	17.73	17.60	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.45		19.4	0.0
100	PI/2 BPSK	1	137		18.41			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.40		19.4	0.0
100	PI/2 BPSK	135	69		18.44		19.4	0.0
100	PI/2 BPSK	135	138		18.51		19.4	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.52		19.4	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.48			
100	QPSK	135	0		18.34		19.4	0.0
100	QPSK	135	69		18.44		19.4	0.0
100	QPSK	135	138		18.34		19.4	0.0
100	QPSK	270	0		18.42			
100	16QAM	1	1		18.11		19.4	0.0
100	64QAM	1	1		17.96		19.4	0.0
100	256QAM	1	1		18.15		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.37	18.50	18.50	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.39	18.49	18.49	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.51	18.49	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.38	18.51	18.51	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.38	18.49	18.51	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.38	18.49	18.50	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.35	18.51	18.48	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.39	18.50	18.48	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.37	18.52	18.49	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.37	18.49	18.48	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.37	18.49	18.51	19.4	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	10.05	10.11	10.10	11.3	0.0
40	PI/2 BPSK	1	53	10.13	10.03	10.04		
40	PI/2 BPSK	1	104	10.08	10.08	10.06		
40	PI/2 BPSK	50	0	9.96	10.10	10.11	11.3	0.0
40	PI/2 BPSK	50	28	10.06	10.02	10.07	11.3	0.0
40	PI/2 BPSK	50	56	10.02	10.16	10.10	11.3	0.0
40	PI/2 BPSK	100	0	10.09	10.15	9.96		
40	QPSK	1	1	10.12	10.17	10.10	11.3	0.0
40	QPSK	1	53	10.06	10.16	10.14		
40	QPSK	1	104	10.00	10.12	10.00		
40	QPSK	50	0	10.10	10.11	10.03	11.3	0.0
40	QPSK	50	28	10.07	10.13	10.06	11.3	0.0
40	QPSK	50	56	10.03	10.05	10.04	11.3	0.0
40	QPSK	100	0	10.03	10.09	10.08		
40	16QAM	1	1	10.02	10.02	10.10	11.3	0.0
40	64QAM	1	1	10.05	10.02	10.06	11.3	0.0
40	256QAM	1	1	10.11	10.06	10.05	11.3	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	10.08	10.16	9.97	11.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	10.09	10.12	9.94	11.3	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	10.05	10.16	10.15	11.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	10.11	10.12	10.09	11.3	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.63	11.78	11.71	12.4	0.0
100	PI/2 BPSK	1	137	11.71	11.81	11.70		
100	PI/2 BPSK	1	271	11.55	11.70	11.64		
100	PI/2 BPSK	135	0	11.59	11.69	11.55	12.4	0.0
100	PI/2 BPSK	135	69	11.48	11.62	11.51	12.4	0.0
100	PI/2 BPSK	135	138	11.69	11.81	11.67	12.4	0.0
100	PI/2 BPSK	270	0	11.63	11.69	11.65		
100	QPSK	1	1	11.82	11.88	11.80	12.4	0.0
100	QPSK	1	137	11.69	11.78	11.73		
100	QPSK	1	271	11.64	11.73	11.64		
100	QPSK	135	0	11.56	11.72	11.66	12.4	0.0
100	QPSK	135	69	11.65	11.75	11.70	12.4	0.0
100	QPSK	135	138	11.60	11.71	11.61	12.4	0.0
100	QPSK	270	0	11.66	11.73	11.58		
100	16QAM	1	1	11.64	11.80	11.72	12.4	0.0
100	64QAM	1	1	11.70	11.78	11.67	12.4	0.0
100	256QAM	1	1	11.64	11.69	11.59	12.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.74	11.80	11.81	12.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.80	11.81	11.81	12.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.79	11.79	11.81	12.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.76	11.74	11.79	12.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.76	11.76	11.77	12.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.81	11.75	11.78	12.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.76	11.72	11.83	12.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.79	11.77	11.81	12.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.76	11.78	11.82	12.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.79	11.78	11.76	12.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.72	11.80	11.78	12.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.32		12.4	0.0
100	PI/2 BPSK	1	137		11.30			
100	PI/2 BPSK	1	271		11.25			
100	PI/2 BPSK	135	0		11.19		12.4	0.0
100	PI/2 BPSK	135	69		11.06		12.4	0.0
100	PI/2 BPSK	135	138		11.27		12.4	0.0
100	PI/2 BPSK	270	0		11.14			
100	QPSK	1	1		11.38		12.4	0.0
100	QPSK	1	137		11.29			
100	QPSK	1	271		11.25			
100	QPSK	135	0		11.20		12.4	0.0
100	QPSK	135	69		11.34		12.4	0.0
100	QPSK	135	138		11.18		12.4	0.0
100	QPSK	270	0		11.30			
100	16QAM	1	1		11.29		12.4	0.0
100	64QAM	1	1		11.32		12.4	0.0
100	256QAM	1	1		11.23		12.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	11.34	11.32	11.30	12.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	11.25	11.22	11.31	12.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	11.32	11.26	11.32	12.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	11.30	11.25	11.24	12.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	11.27	11.33	11.30	12.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	11.27	11.27	11.32	12.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.23	11.29	11.28	12.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	11.28	11.28	11.27	12.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	11.22	11.30	11.27	12.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	11.23	11.31	11.30	12.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	11.23	11.24	11.29	12.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.69		12.4	0.0
100	PI/2 BPSK	1	137		11.67			
100	PI/2 BPSK	1	271		11.56			
100	PI/2 BPSK	135	0		11.57		12.4	0.0
100	PI/2 BPSK	135	69		11.54		12.4	0.0
100	PI/2 BPSK	135	138		11.68		12.4	0.0
100	PI/2 BPSK	270	0		11.57			
100	QPSK	1	1		11.79		12.4	0.0
100	QPSK	1	137		11.70			
100	QPSK	1	271		11.68			
100	QPSK	135	0		11.62		12.4	0.0
100	QPSK	135	69		11.64		12.4	0.0
100	QPSK	135	138		11.61		12.4	0.0
100	QPSK	270	0		11.62			
100	16QAM	1	1		11.65		12.4	0.0
100	64QAM	1	1		11.70		12.4	0.0
100	256QAM	1	1		11.61		12.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.73	11.75	11.69	12.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.74	11.71	11.67	12.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.64	11.68	11.69	12.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.64	11.75	11.69	12.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.64	11.66	11.68	12.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.72	11.63	11.70	12.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.71	11.68	11.72	12.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.68	11.64	11.67	12.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.66	11.67	11.67	12.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.72	11.73	11.72	12.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.64	11.70	11.74	12.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.10		12.4	0.0
100	PI/2 BPSK	1	137		11.13			
100	PI/2 BPSK	1	271		11.02			
100	PI/2 BPSK	135	0		10.97		12.4	0.0
100	PI/2 BPSK	135	69		10.81		12.4	0.0
100	PI/2 BPSK	135	138		11.10		12.4	0.0
100	PI/2 BPSK	270	0		10.96			
100	QPSK	1	1		11.19		12.4	0.0
100	QPSK	1	137		11.10			
100	QPSK	1	271		11.08			
100	QPSK	135	0		11.04		12.4	0.0
100	QPSK	135	69		11.11		12.4	0.0
100	QPSK	135	138		11.03		12.4	0.0
100	QPSK	270	0		11.09			
100	16QAM	1	1		11.11		12.4	0.0
100	64QAM	1	1		11.14		12.4	0.0
100	256QAM	1	1		11.07		12.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	11.18	11.09	11.05	12.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	11.13	11.15	11.09	12.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	11.12	11.15	11.14	12.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	11.12	11.15	11.14	12.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	11.17	11.07	11.15	12.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	11.11	11.09	11.11	12.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.12	11.16	11.08	12.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	11.15	11.15	11.11	12.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	11.19	11.15	11.13	12.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	11.17	11.16	11.14	12.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	11.16	11.15	11.07	12.4	0.0

Reduced Power Level for 5GNR ECI6

n2 Ant0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.10	20.08	20.24	21.4	0.0
40	PI/2 BPSK	1	108	20.16	20.19	20.00		
40	PI/2 BPSK	1	214	20.04	20.20	20.07		
40	PI/2 BPSK	108	0	20.07	20.12	20.07	21.4	0.0
40	PI/2 BPSK	108	54	20.16	20.11	20.06	21.4	0.0
40	PI/2 BPSK	108	108	20.10	20.16	20.00	21.4	0.0
40	PI/2 BPSK	216	0	20.08	20.15	20.01		
40	QPSK	1	1	20.25	20.31	20.17	21.4	0.0
40	QPSK	1	108	20.06	20.12	20.11		
40	QPSK	1	214	19.98	20.07	20.06		
40	QPSK	108	0	20.06	20.10	20.15	21.4	0.0
40	QPSK	108	54	20.07	20.25	20.10	21.4	0.0
40	QPSK	108	108	20.06	20.12	20.17	21.4	0.0
40	QPSK	216	0	20.15	20.21	20.16		
40	16QAM	1	1	20.12	20.20	20.03	21.4	0.0
40	64QAM	1	1	20.06	20.17	20.07	21.4	0.0
40	256QAM	1	1	20.05	20.15	20.09	21.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.23	20.18	20.03	21.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.13	20.30	20.14	21.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.03	20.13	20.14	21.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.00	20.26	20.00	21.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.06	20.26	19.97	21.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.99	20.22	19.95	21.4	0.0

n5 Ant0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.72	22.82	22.78	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.92	22.84		
20	PI/2 BPSK	1	104	22.79	22.86	22.80		
20	PI/2 BPSK	50	0	22.20	22.26	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.72	22.83	22.79	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.29	22.24		
20	QPSK	1	1	22.79	23.11	22.84	24.0	0.0
20	QPSK	1	53	22.92	22.96	22.89		
20	QPSK	1	104	22.68	22.81	22.73		
20	QPSK	50	0	21.79	21.87	21.73	23.0	1.0
20	QPSK	50	28	22.70	22.79	22.71	24.0	0.0
20	QPSK	50	56	21.82	21.90	21.77	23.0	1.0
20	QPSK	100	0	21.68	21.77	21.61		
20	16QAM	1	1	21.43	21.46	21.55	23.0	1.0
20	64QAM	1	1	19.99	20.01	20.02	21.5	2.5
20	256QAM	1	1	18.89	18.87	18.93	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.64	22.77	22.63	24.0	0.0
Channel				165850	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.73	22.85	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.80	22.75	24.0	0.0

n66 Ant0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.49	19.36	19.47	20.8	0.0
40	PI/2 BPSK	1	108	19.50	19.46	19.37		
40	PI/2 BPSK	1	214	19.40	19.43	19.36		
40	PI/2 BPSK	108	0	19.33	19.39	19.41	20.8	0.0
40	PI/2 BPSK	108	54	19.38	19.43	19.40	20.8	0.0
40	PI/2 BPSK	108	108	19.31	19.44	19.37	20.8	0.0
40	PI/2 BPSK	216	0	19.35	19.40	19.33		
40	QPSK	1	1	19.46	19.76	19.42	20.8	0.0
40	QPSK	1	108	19.28	19.41	19.44		
40	QPSK	1	214	19.33	19.39	19.31		
40	QPSK	108	0	19.41	19.36	19.38	20.8	0.0
40	QPSK	108	54	19.33	19.46	19.35	20.8	0.0
40	QPSK	108	108	19.30	19.30	19.43	20.8	0.0
40	QPSK	216	0	19.41	19.42	19.39		
40	16QAM	1	1	19.40	19.44	19.41	20.8	0.0
40	64QAM	1	1	19.32	19.43	19.39	20.8	0.0
40	256QAM	1	1	18.33	18.37	18.33	20.3	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.34	19.45	19.37	20.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.37	19.39	19.34	20.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.34	19.36	19.29	20.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.33	19.46	19.35	20.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.34	19.38	19.31	20.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.40	19.44	19.36	20.8	0.0

n2 Ant1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.21	19.05	19.17	20.4	0.0
40	PI/2 BPSK	1	108	19.19	19.19	18.99		
40	PI/2 BPSK	1	214	19.04	19.16	18.99		
40	PI/2 BPSK	108	0	19.08	19.12	19.04	20.4	0.0
40	PI/2 BPSK	108	54	19.09	19.13	19.12	20.4	0.0
40	PI/2 BPSK	108	108	19.01	19.18	19.02	20.4	0.0
40	PI/2 BPSK	216	0	19.08	19.07	18.96		
40	QPSK	1	1	19.14	19.28	19.10	20.4	0.0
40	QPSK	1	108	19.01	19.10	19.13		
40	QPSK	1	214	19.04	19.13	19.05		
40	QPSK	108	0	19.11	19.01	19.06	20.4	0.0
40	QPSK	108	54	19.02	19.16	19.03	20.4	0.0
40	QPSK	108	108	19.03	19.04	19.14	20.4	0.0
40	QPSK	216	0	19.07	19.12	19.02		
40	16QAM	1	1	19.12	19.25	19.11	20.4	0.0
40	64QAM	1	1	19.03	19.14	19.02	20.4	0.0
40	256QAM	1	1	19.11	19.05	19.00	20.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.02	19.11	18.90	20.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.99	19.11	19.10	20.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.01	19.21	19.00	20.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.09	19.22	19.03	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.10	19.14	18.99	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.03	19.16	18.98	20.4	0.0

n5 Ant1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.51	22.66	22.54	24.0	0.0
20	PI/2 BPSK	1	53	22.56	22.61	22.47		
20	PI/2 BPSK	1	104	22.63	22.74	22.59		
20	PI/2 BPSK	50	0	22.07	22.19	22.09	23.5	0.5
20	PI/2 BPSK	50	28	22.60	22.66	22.58	24.0	0.0
20	PI/2 BPSK	53	56	22.07	22.21	22.16	23.5	0.5
20	PI/2 BPSK	100	0	22.01	22.14	22.07		
20	QPSK	1	1	22.53	22.79	22.63	24.0	0.0
20	QPSK	1	53	22.58	22.65	22.52		
20	QPSK	1	104	22.64	22.72	22.65		
20	QPSK	50	0	21.38	21.52	21.46	23.0	1.0
20	QPSK	50	28	22.48	22.62	22.47	24.0	0.0
20	QPSK	50	56	21.58	21.67	21.52	23.0	1.0
20	QPSK	100	0	21.49	21.63	21.58		
20	16QAM	1	1	21.21	21.29	21.25	23.0	1.0
20	64QAM	1	1	19.79	19.88	19.83	21.5	2.5
20	256QAM	1	1	18.70	18.68	18.71	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.59	22.63	23.49	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.45	22.55	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.48	22.58	22.44	24.0	0.0

n66 Ant1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.98	18.80	18.91	19.3	0.0
40	PI/2 BPSK	1	108	19.04	18.99	18.74		
40	PI/2 BPSK	1	214	18.90	18.96	18.81		
40	PI/2 BPSK	108	0	18.94	19.04	18.88	19.3	0.0
40	PI/2 BPSK	108	54	18.83	18.98	18.96	19.3	0.0
40	PI/2 BPSK	108	108	18.78	19.02	18.86	19.3	0.0
40	PI/2 BPSK	216	0	18.87	18.83	18.78		
40	QPSK	1	1	19.06	19.11	18.93	19.3	0.0
40	QPSK	1	108	18.86	18.91	18.96		
40	QPSK	1	214	18.87	18.92	18.91		
40	QPSK	108	0	18.95	18.83	18.80	19.3	0.0
40	QPSK	108	54	18.85	19.02	18.88	19.3	0.0
40	QPSK	108	108	18.84	18.87	18.89	19.3	0.0
40	QPSK	216	0	18.88	18.97	18.84		
40	16QAM	1	1	18.87	19.04	18.91	19.3	0.0
40	64QAM	1	1	18.77	18.89	18.80	19.3	0.0
40	256QAM	1	1	18.87	18.82	18.78	19.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.20	19.26	19.06	19.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.15	19.20	18.97	19.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.17	19.22	19.05	19.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.22	19.17	19.02	19.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.14	19.18	19.01	19.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.17	19.15	19.01	19.3	0.0

n48 Ant3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.87	21.75	21.79	23.4	0.0
40	PI/2 BPSK	1	53	21.91	21.90	21.63		
40	PI/2 BPSK	1	104	21.80	21.89	21.72		
40	PI/2 BPSK	50	0	21.79	21.86	21.73	23.4	0.0
40	PI/2 BPSK	50	28	21.79	21.71	21.84	23.4	0.0
40	PI/2 BPSK	50	56	21.78	21.90	21.63	23.4	0.0
40	PI/2 BPSK	100	0	21.89	21.73	21.89		
40	QPSK	1	1	21.90	21.97	21.72	23.4	0.0
40	QPSK	1	53	21.76	21.85	21.67		
40	QPSK	1	104	21.83	21.88	21.82		
40	QPSK	50	0	21.31	21.46	21.39	22.9	0.5
40	QPSK	50	28	21.77	21.93	21.66	23.4	0.0
40	QPSK	50	56	21.03	21.18	21.11	22.9	0.5
40	QPSK	100	0	21.28	21.33	21.18		
40	16QAM	1	1	21.10	21.15	21.05	22.9	0.5
40	64QAM	1	1	19.67	19.77	19.61	21.4	2.0
40	256QAM	1	1	18.31	18.33	18.24	19.4	4.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.74	21.92	21.61	23.4	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.75	21.87	21.58	23.4	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.25	21.36	21.35	23.4	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.80	21.82	21.64	23.4	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.65	19.80	19.73	21.0	0.0
100	PI/2 BPSK	1	137	19.81	19.92	19.78		
100	PI/2 BPSK	1	271	19.67	19.81	19.72		
100	PI/2 BPSK	135	0	19.64	19.76	19.64	21.0	0.0
100	PI/2 BPSK	135	69	19.70	19.78	19.68	21.0	0.0
100	PI/2 BPSK	135	138	19.71	19.85	19.78	21.0	0.0
100	PI/2 BPSK	270	0	19.73	19.80	19.72		
100	QPSK	1	1	19.88	19.96	19.85	21.0	0.0
100	QPSK	1	137	19.64	19.80	19.66		
100	QPSK	1	271	19.71	19.77	19.72		
100	QPSK	135	0	19.63	19.67	19.56	21.0	0.0
100	QPSK	135	69	19.87	19.95	19.86	21.0	0.0
100	QPSK	135	138	19.68	19.78	19.63	21.0	0.0
100	QPSK	270	0	19.72	19.88	19.76		
100	16QAM	1	1	19.60	19.67	19.52	21.0	0.0
100	64QAM	1	1	19.73	19.85	19.80	21.0	0.0
100	256QAM	1	1	19.58	19.69	19.58	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.83	19.90	19.70	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.73	19.81	19.73	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.73	19.92	19.74	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.73	19.86	19.70	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3955.02		
50	QPSK	1	1	19.82	19.83	19.74	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.73	19.90	19.77	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.80	19.86	19.77	21.0	0.0
Channel				647500	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.79	19.84	19.80	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.83	19.80	19.76	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.77	19.83	19.73	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.80	19.89	19.80	21.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.01		21.0	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.01			
100	PI/2 BPSK	135	0		20.02		21.0	0.0
100	PI/2 BPSK	135	69		20.02		21.0	0.0
100	PI/2 BPSK	135	138		20.11		21.0	0.0
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.23		21.0	0.0
100	QPSK	1	137		20.10			
100	QPSK	1	271		20.03			
100	QPSK	135	0		19.96		21.0	0.0
100	QPSK	135	69		20.19		21.0	0.0
100	QPSK	135	138		20.09		21.0	0.0
100	QPSK	270	0		20.17			
100	16QAM	1	1		19.96		21.0	0.0
100	64QAM	1	1		20.15		21.0	0.0
100	256QAM	1	1		19.90		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.10	20.18	20.13	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.10	20.14	20.10	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.18	20.19	20.07	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.11	20.16	20.17	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.14	20.14	20.17	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.11	20.10	20.11	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.16	20.19	20.09	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.08	20.15	20.15	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.14	20.19	20.17	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.11	20.16	20.18	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.19	20.18	20.11	21.0	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		19.55		21.0	0.0
100	Pi/2 BPSK	1	137		19.70			
100	Pi/2 BPSK	1	271		19.65			
100	Pi/2 BPSK	135	0		19.53		21.0	0.0
100	Pi/2 BPSK	135	69		19.59		21.0	0.0
100	Pi/2 BPSK	135	138		19.67		21.0	0.0
100	Pi/2 BPSK	270	0		19.66			
100	QPSK	1	1		19.74		21.0	0.0
100	QPSK	1	137		19.56			
100	QPSK	1	271		19.52			
100	QPSK	135	0		19.50		21.0	0.0
100	QPSK	135	69		19.72		21.0	0.0
100	QPSK	135	138		19.64		21.0	0.0
100	QPSK	270	0		19.66			
100	16QAM	1	1		19.42		21.0	0.0
100	64QAM	1	1		19.58		21.0	0.0
100	256QAM	1	1		18.13		19.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.62	19.59	19.66	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.64	19.67	19.63	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.67	19.60	19.60	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.69	19.61	19.62	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.62	19.63	19.62	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.65	19.68	19.66	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.64	19.64	19.60	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.67	19.65	19.68	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3792.02		
20	QPSK	1	1	19.61	19.68	19.63	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.63	19.65	19.66	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.65	19.66	19.67	21.0	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					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		19.41		21.0	0.0
100	Pi/2 BPSK	1	137		19.60			
100	Pi/2 BPSK	1	271		19.49			
100	Pi/2 BPSK	135	0		19.42		21.0	0.0
100	Pi/2 BPSK	135	69		19.45		21.0	0.0
100	Pi/2 BPSK	135	138		19.61		21.0	0.0
100	Pi/2 BPSK	270	0		19.57			
100	QPSK	1	1		19.65		21.0	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.43			
100	QPSK	135	0		19.42		20.0	1.0
100	QPSK	135	69		19.63		21.0	0.0
100	QPSK	135	138		19.48		20.0	1.0
100	QPSK	270	0		19.56			
100	16QAM	1	1		19.30		21.0	0.0
100	64QAM	1	1		19.64		21.0	0.0
100	256QAM	1	1		18.21		19.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.56	19.51	19.55	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.55	19.55	19.61	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.58	19.59	19.51	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.57	19.49	19.57	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.58	19.50	19.52	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.53	19.54	19.49	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.55	19.49	19.50	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.55	19.57	19.57	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.56	19.59	19.54	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.55	19.53	19.57	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.52	19.52	19.59	21.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.16	18.92	19.15	20.8	0.0
40	PI/2 BPSK	1	53	19.07	19.14	18.86		
40	PI/2 BPSK	1	104	19.00	19.04	18.96		
40	PI/2 BPSK	50	0	19.00	19.01	19.00	20.8	0.0
40	PI/2 BPSK	50	28	19.05	19.11	19.00	20.8	0.0
40	PI/2 BPSK	50	56	18.97	19.13	18.92	20.8	0.0
40	PI/2 BPSK	100	0	19.01	19.00	18.84		
40	QPSK	1	1	19.11	19.29	19.07	20.8	0.0
40	QPSK	1	53	18.97	18.98	19.06		
40	QPSK	1	104	18.93	19.08	18.92		
40	QPSK	50	0	19.02	18.89	18.95	20.8	0.0
40	QPSK	50	28	19.03	19.26	19.02	20.8	0.0
40	QPSK	50	56	19.01	18.93	19.11	20.8	0.0
40	QPSK	100	0	19.02	19.04	18.98		
40	16QAM	1	1	19.08	19.20	19.04	20.8	0.0
40	64QAM	1	1	19.15	19.12	19.16	20.8	0.0
40	256QAM	1	1	17.84	17.88	17.79	19.3	1.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3566.02	3624.99	3684.99		
30	QPSK	1	1	19.19	19.21	19.24	20.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.20	19.17	19.18	20.8	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.25	19.36	19.35	20.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.24	19.13	19.20	20.8	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.15	17.47	17.13	18.8	0.0
100	PI/2 BPSK	1	137	17.31	17.48	17.18		
100	PI/2 BPSK	1	271	17.17	17.50	17.12		
100	PI/2 BPSK	135	0	17.14	17.52	17.04	18.8	0.0
100	PI/2 BPSK	135	69	17.20	17.48	17.08	18.8	0.0
100	PI/2 BPSK	135	138	17.21	17.51	17.18	18.8	0.0
100	PI/2 BPSK	270	0	17.23	17.52	17.12		
100	QPSK	1	1	17.38	17.47	17.25	18.8	0.0
100	QPSK	1	137	17.14	17.57	17.06		
100	QPSK	1	271	17.21	17.44	17.12		
100	QPSK	135	0	17.13	17.46	16.96	18.8	0.0
100	QPSK	135	69	17.37	17.49	17.26	18.8	0.0
100	QPSK	135	138	17.18	17.40	17.03	18.8	0.0
100	QPSK	270	0	17.22	17.43	17.16		
100	16QAM	1	1	17.10	17.45	16.92	18.8	0.0
100	64QAM	1	1	17.23	17.55	17.20	18.8	0.0
100	256QAM	1	1	17.08	17.42	16.98	18.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.42	17.50	17.48	18.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.43	17.51	17.52	18.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.43	17.48	17.47	18.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.51	17.42	17.43	18.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.45	17.52	17.53	18.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.48	17.44	17.48	18.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.52	17.53	17.50	18.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.45	17.48	17.44	18.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.45	17.46	17.49	18.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.46	17.52	17.46	18.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.46	17.49	17.50	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.57		18.8	0.0
100	PI/2 BPSK	1	137		17.55			
100	PI/2 BPSK	1	271		17.56			
100	PI/2 BPSK	135	0		17.61		18.8	0.0
100	PI/2 BPSK	135	69		17.59		18.8	0.0
100	PI/2 BPSK	135	138		17.61		18.8	0.0
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		17.54		18.8	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.55			
100	QPSK	135	0		17.55		18.8	0.0
100	QPSK	135	69		17.56		18.8	0.0
100	QPSK	135	138		17.48		18.8	0.0
100	QPSK	270	0		17.49			
100	16QAM	1	1		17.53		18.8	0.0
100	64QAM	1	1		17.63		18.8	0.0
100	256QAM	1	1		17.53		18.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.66	17.59	17.66	18.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.58	17.61	17.63	18.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.64	17.67	17.61	18.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.58	17.57	17.58	18.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.67	17.58	17.61	18.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.60	17.60	17.59	18.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.61	17.63	17.62	18.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.63	17.61	17.59	18.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.62	17.62	17.64	18.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.61	17.59	17.65	18.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.61	17.66	17.58	18.8	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.03		18.8	0.0
100	PI/2 BPSK	1	137		17.04			
100	PI/2 BPSK	1	271		17.08			
100	PI/2 BPSK	135	0		17.16		18.8	0.0
100	PI/2 BPSK	135	69		17.06		18.8	0.0
100	PI/2 BPSK	135	138		17.07		18.8	0.0
100	PI/2 BPSK	270	0		17.11			
100	QPSK	1	1		17.26		18.8	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.04		18.8	0.0
100	QPSK	135	69		17.10		18.8	0.0
100	QPSK	135	138		17.01		18.8	0.0
100	QPSK	270	0		16.96			
100	16QAM	1	1		17.01		18.8	0.0
100	64QAM	1	1		17.16		18.8	0.0
100	256QAM	1	1		17.02		18.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.12	17.21	17.22	18.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.14	17.21	17.10	18.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.20	17.14	17.15	18.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.12	17.16	17.13	18.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.20	17.11	17.19	18.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.10	17.21	17.11	18.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.19	17.17	17.16	18.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.22	17.18	17.18	18.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.11	17.15	17.14	18.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.15	17.14	17.17	18.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.18	17.22	17.13	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.18		18.8	0.0
100	PI/2 BPSK	1	137		17.15			
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.29		18.8	0.0
100	PI/2 BPSK	135	69		17.12		18.8	0.0
100	PI/2 BPSK	135	138		17.20		18.8	0.0
100	PI/2 BPSK	270	0		17.29			
100	QPSK	1	1		17.37		18.8	0.0
100	QPSK	1	137		17.29			
100	QPSK	1	271		17.19			
100	QPSK	135	0		17.18		18.8	0.0
100	QPSK	135	69		17.20		18.8	0.0
100	QPSK	135	138		17.07		18.8	0.0
100	QPSK	270	0		17.05			
100	16QAM	1	1		17.09		18.8	0.0
100	64QAM	1	1		17.23		18.8	0.0
100	256QAM	1	1		17.09		18.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.24	17.26	17.32	18.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.25	17.22	17.32	18.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.26	17.31	17.33	18.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.23	17.31	17.26	18.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.27	17.26	17.29	18.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.26	17.21	17.32	18.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.26	17.32	17.24	18.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.29	17.32	17.25	18.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.29	17.31	17.27	18.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.25	17.31	17.27	18.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.23	17.26	17.30	18.8	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.03	21.07	20.92	21.9	0.0
40	PI/2 BPSK	1	53	21.09	21.10	21.00		
40	PI/2 BPSK	1	104	21.04	21.09	20.94		
40	PI/2 BPSK	50	0	20.89	21.03	20.87	21.9	0.0
40	PI/2 BPSK	50	28	20.85	20.96	20.82	21.9	0.0
40	PI/2 BPSK	50	56	20.92	20.94	20.80	21.9	0.0
40	PI/2 BPSK	100	0	20.82	20.98	20.86		
40	QPSK	1	1	21.01	21.11	21.09	21.9	0.0
40	QPSK	1	53	21.03	21.03	21.02		
40	QPSK	1	104	21.10	21.05	20.96		
40	QPSK	50	0	20.96	21.04	21.00	21.9	0.0
40	QPSK	50	28	20.95	21.06	20.99	21.9	0.0
40	QPSK	50	56	20.92	20.99	20.96	21.9	0.0
40	QPSK	100	0	20.97	21.02	20.92		
40	16QAM	1	1	20.70	20.83	20.72	21.9	0.0
40	64QAM	1	1	20.81	20.88	20.78	21.9	0.0
40	256QAM	1	1	19.29	19.43	19.30	19.9	2.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3566.02	3624.99	3684.99		
30	QPSK	1	1	21.05	21.09	20.97	21.9	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.05	21.09	20.96	21.9	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.95	21.06	21.05	21.9	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565	3624.99	3684.98		
10	QPSK	1	1	21.09	21.03	21.08	21.9	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.64	19.80	19.77	21.4	0.0
100	PI/2 BPSK	1	137	19.74	19.92	19.87		
100	PI/2 BPSK	1	271	19.61	19.75	19.68		
100	PI/2 BPSK	135	0	19.76	19.93	19.80	21.4	0.0
100	PI/2 BPSK	135	69	19.90	20.04	19.86	21.4	0.0
100	PI/2 BPSK	135	138	19.73	19.90	19.86	21.4	0.0
100	PI/2 BPSK	270	0	19.92	19.97	19.85		
100	QPSK	1	1	20.22	20.24	20.10	21.4	0.0
100	QPSK	1	137	19.74	19.91	19.88		
100	QPSK	1	271	19.97	20.12	19.97		
100	QPSK	135	0	19.90	19.99	19.87	21.4	0.0
100	QPSK	135	69	19.99	20.08	20.04	21.4	0.0
100	QPSK	135	138	19.67	19.83	19.73	21.4	0.0
100	QPSK	270	0	19.88	19.95	19.87		
100	16QAM	1	1	19.52	19.57	19.48	21.4	0.0
100	64QAM	1	1	19.61	19.64	19.48	21.4	0.0
100	256QAM	1	1	19.69	19.78	19.61	21.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.07	20.13	19.94	21.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.10	20.15	20.07	21.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.12	20.18	19.98	21.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.12	20.11	20.07	21.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.13	20.09	19.94	21.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.12	20.08	20.07	21.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.09	20.19	20.05	21.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.18	20.17	20.07	21.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.06	20.16	19.95	21.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.08	20.07	20.06	21.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.07	20.21	20.00	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.02		21.4	0.0
100	PI/2 BPSK	1	137		20.05			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		19.99		21.4	0.0
100	PI/2 BPSK	135	69		20.07		21.4	0.0
100	PI/2 BPSK	135	138		20.06		21.4	0.0
100	PI/2 BPSK	270	0		20.08			
100	QPSK	1	1		20.31		21.4	0.0
100	QPSK	1	137		20.10			
100	QPSK	1	271		20.04			
100	QPSK	135	0		19.87		21.4	0.0
100	QPSK	135	69		20.21		21.4	0.0
100	QPSK	135	138		20.14		21.4	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.78		21.4	0.0
100	64QAM	1	1		19.75		21.4	0.0
100	256QAM	1	1		19.85		21.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.18	20.17	20.19	21.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.26	20.21	20.29	21.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.27	20.22	20.14	21.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.23	20.23	20.24	21.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.18	20.25	20.16	21.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.26	20.27	20.22	21.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.19	20.19	20.20	21.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.27	20.18	20.28	21.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.28	20.28	20.20	21.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.19	20.24	20.13	21.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.23	20.15	20.19	21.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.57		21.4	0.0
100	PI/2 BPSK	1	137		19.76			
100	PI/2 BPSK	1	271		19.56			
100	PI/2 BPSK	135	0		19.78		21.4	0.0
100	PI/2 BPSK	135	69		19.84		21.4	0.0
100	PI/2 BPSK	135	138		19.73		21.4	0.0
100	PI/2 BPSK	270	0		19.77			
100	QPSK	1	1		20.04		21.4	0.0
100	QPSK	1	137		19.67			
100	QPSK	1	271		19.92			
100	QPSK	135	0		19.80		21.4	0.0
100	QPSK	135	69		19.89		21.4	0.0
100	QPSK	135	138		19.67		21.4	0.0
100	QPSK	270	0		19.77			
100	16QAM	1	1		19.47		21.4	0.0
100	64QAM	1	1		19.41		21.4	0.0
100	256QAM	1	1		19.57		21.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.83	19.91	19.75	21.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.87	19.91	19.78	21.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.86	19.92	19.77	21.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.83	19.91	19.72	21.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3775.02		
50	QPSK	1	1	19.91	19.98	19.79	21.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.83	19.98	19.74	21.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.89	19.94	19.72	21.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.85	19.90	19.74	21.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.85	19.90	19.74	21.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.86	19.92	19.74	21.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.82	19.91	19.78	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.85		21.4	0.0
100	PI/2 BPSK	1	137		19.90			
100	PI/2 BPSK	1	271		19.92			
100	PI/2 BPSK	135	0		19.80		21.4	0.0
100	PI/2 BPSK	135	69		19.91		21.4	0.0
100	PI/2 BPSK	135	138		19.85		21.4	0.0
100	PI/2 BPSK	270	0		19.86			
100	QPSK	1	1		20.12		21.4	0.0
100	QPSK	1	137		19.92			
100	QPSK	1	271		19.86			
100	QPSK	135	0		19.83		21.4	0.0
100	QPSK	135	69		20.02		21.4	0.0
100	QPSK	135	138		19.94		21.4	0.0
100	QPSK	270	0		19.91			
100	16QAM	1	1		19.58		21.4	0.0
100	64QAM	1	1		19.60		21.4	0.0
100	256QAM	1	1		19.68		21.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.93	20.01	20.01	21.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.99	19.99	20.03	21.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.03	20.01	19.95	21.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.99	19.99	19.95	21.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.02	19.98	20.01	21.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.02	19.93	19.98	21.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.96	20.01	20.00	21.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.97	19.92	20.01	21.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.03	19.93	20.03	21.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.01	19.96	19.98	21.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.00	19.92	19.97	21.4	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				638000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.15	17.07	17.15	18.0	0.0
40	PI/2 BPSK	1	53	17.13	17.14	16.96		
40	PI/2 BPSK	1	104	17.06	17.18	16.99		
40	PI/2 BPSK	50	0	17.05	17.14	17.00	18.0	0.0
40	PI/2 BPSK	50	28	17.13	17.16	17.08	18.0	0.0
40	PI/2 BPSK	50	56	16.97	17.15	17.06	18.0	0.0
40	PI/2 BPSK	100	0	17.08	17.01	16.91		
40	QPSK	1	1	17.09	17.24	17.14	18.0	0.0
40	QPSK	1	53	17.02	17.14	17.16		
40	QPSK	1	104	16.99	17.06	17.00		
40	QPSK	50	0	17.08	16.99	17.06	18.0	0.0
40	QPSK	50	28	16.96	17.16	17.00	18.0	0.0
40	QPSK	50	56	17.06	17.01	17.07	18.0	0.0
40	QPSK	100	0	17.10	17.12	16.97		
40	16QAM	1	1	17.01	17.09	17.08	18.0	0.0
40	64QAM	1	1	16.99	17.17	16.96	18.0	0.0
40	256QAM	1	1	17.13	17.03	17.02	18.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3566.02	3624.99	3684.99		
30	QPSK	1	1	16.99	17.11	17.07	18.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.03	17.15	17.10	18.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.05	17.16	17.15	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.00	17.18	17.03	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.92	16.01	15.96	17.3	0.0
100	PI/2 BPSK	1	137	16.03	16.07	16.02		
100	PI/2 BPSK	1	271	16.04	16.14	16.09		
100	PI/2 BPSK	135	0	16.02	16.08	16.00	17.3	0.0
100	PI/2 BPSK	135	69	16.06	16.18	16.12	17.3	0.0
100	PI/2 BPSK	135	138	16.05	16.13	16.07	17.3	0.0
100	PI/2 BPSK	270	0	15.92	16.06	15.92		
100	QPSK	1	1	16.14	16.20	16.09	17.3	0.0
100	QPSK	1	137	16.05	16.14	16.08		
100	QPSK	1	271	15.89	16.03	15.99		
100	QPSK	135	0	15.87	15.93	15.86	17.3	0.0
100	QPSK	135	69	16.12	16.18	16.04	17.3	0.0
100	QPSK	135	138	15.92	15.96	15.88	17.3	0.0
100	QPSK	270	0	15.97	16.10	16.03		
100	16QAM	1	1	15.99	16.04	15.98	17.3	0.0
100	64QAM	1	1	15.97	16.11	15.97	17.3	0.0
100	256QAM	1	1	15.85	16.00	15.91	17.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.01		
90	QPSK	1	1	16.09	16.10	16.05	17.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.03	16.04	16.02	17.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.04	16.08	15.95	17.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.01	16.12	15.97	17.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.02	16.07	16.00	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.02	16.14	15.95	17.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.06	16.11	15.93	17.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.06	16.04	15.98	17.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.09	16.08	15.99	17.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.05	16.15	16.01	17.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.07	16.05	15.94	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.75		17.3	0.0
100	PI/2 BPSK	1	137		15.79			
100	PI/2 BPSK	1	271		15.83			
100	PI/2 BPSK	135	0		15.79		17.3	0.0
100	PI/2 BPSK	135	69		15.91		17.3	0.0
100	PI/2 BPSK	135	138		15.87		17.3	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.92		17.3	0.0
100	QPSK	1	137		15.86			
100	QPSK	1	271		15.72			
100	QPSK	135	0		15.71		17.3	0.0
100	QPSK	135	69		15.89		17.3	0.0
100	QPSK	135	138		15.65		17.3	0.0
100	QPSK	270	0		15.85			
100	16QAM	1	1		15.72		17.3	0.0
100	64QAM	1	1		15.87		17.3	0.0
100	256QAM	1	1		15.67		17.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.78	15.81	15.85	17.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.87	15.87	15.88	17.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.86	15.79	15.78	17.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.85	15.77	15.79	17.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.84	15.80	15.86	17.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.81	15.77	15.78	17.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.88	15.87	15.87	17.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.84	15.77	15.77	17.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.76	15.82	15.77	17.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.84	15.81	15.78	17.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.81	15.87	15.84	17.3	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.06		17.3	0.0
100	PI/2 BPSK	1	137		16.10			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.08		17.3	0.0
100	PI/2 BPSK	135	69		16.03		17.3	0.0
100	PI/2 BPSK	135	138		16.09		17.3	0.0
100	PI/2 BPSK	270	0		16.09			
100	QPSK	1	1		16.18		17.3	0.0
100	QPSK	1	137		16.08			
100	QPSK	1	271		16.07			
100	QPSK	135	0		15.95		16.3	1.0
100	QPSK	135	69		16.16		17.3	0.0
100	QPSK	135	138		15.91		16.3	1.0
100	QPSK	270	0		15.80			
100	16QAM	1	1		16.02		17.3	0.0
100	64QAM	1	1		16.06		17.3	0.0
100	256QAM	1	1		16.01		17.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.10	16.11	16.07	17.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.07	16.03	16.10	17.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.02	16.02	16.10	17.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.05	16.05	16.11	17.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3775.02		
50	QPSK	1	1	16.11	16.08	16.08	17.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.05	16.11	16.08	17.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.12	16.09	16.03	17.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.07	16.03	16.06	17.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.10	16.03	16.05	17.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.13	16.08	16.07	17.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.13	16.05	16.10	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.50		17.3	0.0
100	PI/2 BPSK	1	137		15.58			
100	PI/2 BPSK	1	271		15.62			
100	PI/2 BPSK	135	0		15.64		17.3	0.0
100	PI/2 BPSK	135	69		15.65		17.3	0.0
100	PI/2 BPSK	135	138		15.66		17.3	0.0
100	PI/2 BPSK	270	0		15.56			
100	QPSK	1	1		15.71		17.3	0.0
100	QPSK	1	137		15.62			
100	QPSK	1	271		15.49			
100	QPSK	135	0		15.45		17.3	0.0
100	QPSK	135	69		15.74		17.3	0.0
100	QPSK	135	138		15.49		17.3	0.0
100	QPSK	270	0		15.64			
100	16QAM	1	1		15.47		17.3	0.0
100	64QAM	1	1		15.64		17.3	0.0
100	256QAM	1	1		15.50		17.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.57	15.65	15.63	17.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.55	15.58	17.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.61	15.60	15.63	17.3	0.0
Channel				632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.60	15.63	15.59	17.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.66	15.66	15.65	17.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.64	15.55	15.66	17.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.67	15.61	15.63	17.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.62	15.58	15.62	17.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.63	15.60	15.58	17.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.64	15.59	15.62	17.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.59	15.67	15.66	17.3	0.0

Reduced Power Level for 5GNR
ECI7

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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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	15.08	15.07	14.91	16.1	0.0
40	PI/2 BPSK	1	108	14.93	15.14	15.14		
40	PI/2 BPSK	1	214	14.86	14.98	14.83		
40	PI/2 BPSK	108	0	15.14	15.14	15.10	16.1	0.0
40	PI/2 BPSK	108	54	15.19	15.21	14.94	16.1	0.0
40	PI/2 BPSK	108	108	15.04	15.15	15.05	16.1	0.0
40	PI/2 BPSK	216	0	14.98	15.12	15.06		
40	QPSK	1	1	15.05	15.22	15.01	16.1	0.0
40	QPSK	1	108	15.02	14.95	15.08		
40	QPSK	1	214	14.85	15.08	15.01		
40	QPSK	108	0	15.15	15.07	15.07	16.1	0.0
40	QPSK	108	54	15.01	15.21	15.16	16.1	0.0
40	QPSK	108	108	15.12	15.14	14.91	16.1	0.0
40	QPSK	216	0	15.12	15.14	15.11		
40	16QAM	1	1	15.19	14.99	14.93	16.1	0.0
40	64QAM	1	1	15.00	15.10	15.19	16.1	0.0
40	256QAM	1	1	15.04	15.05	15.12	16.1	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	15.03	15.04	14.87	16.1	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	14.93	15.04	15.02	16.1	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.00	15.11	14.96	16.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.87	15.09	15.05	16.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.98	14.88	15.04	16.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.83	14.97	15.11	16.1	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		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.72	22.82	22.78	24.0	0.0
20	PI/2 BPSK	1	53	22.78	22.92	22.84		
20	PI/2 BPSK	1	104	22.79	22.86	22.80		
20	PI/2 BPSK	50	0	22.20	22.26	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.72	22.83	22.79	24.0	0.0
20	PI/2 BPSK	50	56	22.29	22.44	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.29	22.24		
20	QPSK	1	1	22.79	23.11	22.84	24.0	0.0
20	QPSK	1	53	22.92	22.96	22.89		
20	QPSK	1	104	22.68	22.81	22.73		
20	QPSK	50	0	21.79	21.87	21.73	23.0	1.0
20	QPSK	50	28	22.70	22.79	22.71	24.0	0.0
20	QPSK	50	56	21.82	21.90	21.77	23.0	1.0
20	QPSK	100	0	21.68	21.77	21.61		
20	16QAM	1	1	21.43	21.46	21.55	23.0	1.0
20	64QAM	1	1	19.99	20.01	20.02	21.5	2.5
20	256QAM	1	1	18.89	18.87	18.93	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.64	22.77	22.63	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.73	22.85	22.69	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.72	22.80	22.75	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.35	15.77	15.47	16.3	0.0
40	PI/2 BPSK	1	108	15.60	15.75	15.45		
40	PI/2 BPSK	1	214	15.66	15.59	15.69		
40	PI/2 BPSK	108	0	15.63	15.73	15.41	16.3	0.0
40	PI/2 BPSK	108	54	15.61	15.53	15.26	16.3	0.0
40	PI/2 BPSK	108	108	15.72	15.71	15.51	16.3	0.0
40	PI/2 BPSK	216	0	15.39	15.73	15.50		
40	QPSK	1	1	15.47	15.81	15.53	16.3	0.0
40	QPSK	1	108	15.64	15.60	15.55		
40	QPSK	1	214	15.58	15.55	15.70		
40	QPSK	108	0	15.50	15.58	15.45	16.3	0.0
40	QPSK	108	54	15.53	15.73	15.40	16.3	0.0
40	QPSK	108	108	15.58	15.65	15.26	16.3	0.0
40	QPSK	216	0	15.40	15.68	15.50		
40	16QAM	1	1	15.55	15.53	15.55	16.3	0.0
40	64QAM	1	1	15.44	15.65	15.49	16.3	0.0
40	256QAM	1	1	15.26	15.64	15.59	16.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.25	15.61	15.50	16.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.27	15.67	15.32	16.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.23	15.59	15.40	16.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.30	15.64	15.41	16.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.27	15.69	15.36	16.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.22	15.74	15.49	16.3	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	15.84	15.96	15.91	17.5	0.0
40	PI/2 BPSK	1	108	15.83	16.00	15.85		
40	PI/2 BPSK	1	214	15.75	15.84	15.77		
40	PI/2 BPSK	108	0	15.99	16.12	16.09	17.5	0.0
40	PI/2 BPSK	108	54	16.04	16.14	16.06	17.5	0.0
40	PI/2 BPSK	108	108	15.94	16.05	15.97	17.5	0.0
40	PI/2 BPSK	216	0	15.94	16.14	15.96		
40	QPSK	1	1	15.91	16.18	16.09	17.5	0.0
40	QPSK	1	108	15.95	16.03	15.98		
40	QPSK	1	214	15.78	16.05	15.81		
40	QPSK	108	0	15.97	16.04	15.99	17.5	0.0
40	QPSK	108	54	15.88	16.05	16.00	17.5	0.0
40	QPSK	108	108	15.93	16.01	15.92	17.5	0.0
40	QPSK	216	0	15.89	15.98	15.92		
40	16QAM	1	1	15.73	15.83	15.63	17.5	0.0
40	64QAM	1	1	15.76	15.86	15.77	17.5	0.0
40	256QAM	1	1	15.89	16.02	15.89	17.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	15.81	16.11	15.93	17.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.75	15.98	15.90	17.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.80	16.03	16.00	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.72	15.87	15.77	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.77	15.83	15.78	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.72	15.88	15.76	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.51	22.66	22.54	23.5	0.0
20	PI/2 BPSK	1	53	22.56	22.61	22.47		
20	PI/2 BPSK	1	104	22.63	22.74	22.59		
20	PI/2 BPSK	50	0	22.07	22.19	22.09	23.5	0.0
20	PI/2 BPSK	50	28	22.60	22.66	22.58	23.5	0.0
20	PI/2 BPSK	50	56	22.07	22.21	22.16	23.5	0.0
20	PI/2 BPSK	100	0	22.01	22.14	22.07		
20	QPSK	1	1	22.53	22.79	22.63	23.5	0.0
20	QPSK	1	53	22.58	22.65	22.52		
20	QPSK	1	104	22.64	22.72	22.65		
20	QPSK	50	0	21.38	21.52	21.46	23.0	0.5
20	QPSK	50	28	22.48	22.62	22.47	23.5	0.0
20	QPSK	50	56	21.58	21.67	21.52	23.0	0.5
20	QPSK	100	0	21.49	21.63	21.58		
20	16QAM	1	1	21.21	21.29	21.25	23.0	0.5
20	64QAM	1	1	19.79	19.88	19.83	21.5	2.0
20	256QAM	1	1	18.70	18.68	18.71	19.5	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.59	22.63	23.49	23.5	0.0
Channel				165500	167500	169500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.45	22.55	22.54	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.48	22.58	22.44	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.87	16.34	15.91	16.7	0.0
40	PI/2 BPSK	1	108	15.76	15.89	15.81		
40	PI/2 BPSK	1	214	16.20	16.40	16.25		
40	PI/2 BPSK	108	0	16.31	16.49	16.37	16.7	0.0
40	PI/2 BPSK	108	54	15.97	16.30	16.06	16.7	0.0
40	PI/2 BPSK	108	108	15.97	16.33	16.20	16.7	0.0
40	PI/2 BPSK	216	0	15.99	16.15	16.08		
40	QPSK	1	1	15.99	16.58	16.05	16.7	0.0
40	QPSK	1	108	15.99	16.32	16.13		
40	QPSK	1	214	16.15	16.15	16.06		
40	QPSK	108	0	15.81	16.16	16.03	16.7	0.0
40	QPSK	108	54	16.10	16.54	16.15	16.7	0.0
40	QPSK	108	108	16.31	16.46	16.27	16.7	0.0
40	QPSK	216	0	15.97	16.27	16.09		
40	16QAM	1	1	15.68	15.94	15.74	16.7	0.0
40	64QAM	1	1	16.43	16.08	16.15	16.7	0.0
40	256QAM	1	1	16.47	16.12	16.22	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.61	16.03	15.66	16.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.75	15.82	15.70	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.67	16.04	15.67	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.68	15.98	15.62	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.74	16.00	15.63	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.72	15.84	15.63	16.7	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.33	17.29	17.38	18.7	0.0
40	PI/2 BPSK	1	53	17.33	17.38	17.10		
40	PI/2 BPSK	1	104	17.24	17.33	17.26		
40	PI/2 BPSK	50	0	17.20	17.29	17.27	18.7	0.0
40	PI/2 BPSK	50	28	17.33	17.26	17.15	18.7	0.0
40	PI/2 BPSK	50	56	17.27	17.38	17.19	18.7	0.0
40	PI/2 BPSK	100	0	17.28	17.35	17.22		
40	QPSK	1	1	17.39	17.48	17.14	18.7	0.0
40	QPSK	1	53	17.21	17.34	17.12		
40	QPSK	1	104	17.08	17.28	17.09		
40	QPSK	50	0	17.33	17.30	17.10	18.7	0.0
40	QPSK	50	28	17.27	17.36	17.21	18.7	0.0
40	QPSK	50	56	17.20	17.25	17.26	18.7	0.0
40	QPSK	100	0	17.33	17.34	17.08		
40	16QAM	1	1	17.41	17.42	17.02	18.7	0.0
40	64QAM	1	1	17.33	17.30	17.08	18.7	0.0
40	256QAM	1	1	17.20	17.21	17.29	18.7	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.29	17.43	17.10	18.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.32	17.44	17.05	18.7	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.25	17.36	17.35	18.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.32	17.41	17.07	18.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.73	17.71	17.69	18.1	0.0
100	PI/2 BPSK	1	137	17.66	17.70	17.49		
100	PI/2 BPSK	1	271	17.62	17.75	17.57		
100	PI/2 BPSK	135	0	17.53	17.70	17.57	18.1	0.0
100	PI/2 BPSK	135	69	17.64	17.62	17.50	18.1	0.0
100	PI/2 BPSK	135	138	17.61	17.68	17.59	18.1	0.0
100	PI/2 BPSK	270	0	17.68	17.71	17.58		
100	QPSK	1	1	17.72	17.79	17.52	18.1	0.0
100	QPSK	1	137	17.61	17.75	17.49		
100	QPSK	1	271	17.44	17.64	17.44		
100	QPSK	135	0	17.69	17.65	17.46	18.1	0.0
100	QPSK	135	69	17.60	17.75	17.61	18.1	0.0
100	QPSK	135	138	17.52	17.59	17.60	18.1	0.0
100	QPSK	270	0	17.70	17.73	17.40		
100	16QAM	1	1	17.78	17.74	17.38	18.1	0.0
100	64QAM	1	1	17.75	17.72	17.44	18.1	0.0
100	256QAM	1	1	17.51	17.51	17.71	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.68	17.67	17.41	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.57	17.70	17.38	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.59	17.71	17.38	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.59	17.73	17.46	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.61	17.66	17.43	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.66	17.65	17.39	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.65	17.66	17.38	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.57	17.63	17.37	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.66	17.65	17.39	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.61	17.71	17.43	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.63	17.64	17.44	18.1	0.0

0.00

17.79

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.51		18.1	0.0
100	PI/2 BPSK	1	137		17.54			
100	PI/2 BPSK	1	271		17.55			
100	PI/2 BPSK	135	0		17.57		18.1	0.0
100	PI/2 BPSK	135	69		17.51		18.1	0.0
100	PI/2 BPSK	135	138		17.50		18.1	0.0
100	PI/2 BPSK	270	0		17.56			
100	QPSK	1	1		17.65		18.1	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.49			
100	QPSK	135	0		17.54		18.1	0.0
100	QPSK	135	69		17.57		18.1	0.0
100	QPSK	135	138		17.42		18.1	0.0
100	QPSK	270	0		17.53			
100	16QAM	1	1		17.53		18.1	0.0
100	64QAM	1	1		17.61		18.1	0.0
100	256QAM	1	1		17.34		18.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.53	17.61	17.50	18.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.56	17.54	17.53	18.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.52	17.53	17.53	18.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.58	17.59	17.60	18.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.58	17.55	17.52	18.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.59	17.51	17.55	18.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.57	17.49	17.58	18.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.59	17.54	17.53	18.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.58	17.50	17.58	18.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.58	17.56	17.53	18.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.54	17.57	17.49	18.1	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.10		18.1	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.12		18.1	0.0
100	PI/2 BPSK	135	69		17.10		18.1	0.0
100	PI/2 BPSK	135	138		17.13		18.1	0.0
100	PI/2 BPSK	270	0		17.14			
100	QPSK	1	1		17.28		18.1	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.03			
100	QPSK	135	0		17.09		18.1	0.0
100	QPSK	135	69		17.20		18.1	0.0
100	QPSK	135	138		17.00		18.1	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.15		18.1	0.0
100	64QAM	1	1		17.19		18.1	0.0
100	256QAM	1	1		16.91		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.19	17.14	17.22	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.15	17.16	17.12	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.23	17.18	17.18	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.22	17.12	17.15	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.14	17.13	17.21	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.18	17.23	17.17	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.13	17.21	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.18	17.17	17.23	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.15	17.21	17.17	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.21	17.14	17.20	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.21	17.20	17.12	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.04		18.1	0.0
100	PI/2 BPSK	1	137		16.96			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		16.97		18.1	0.0
100	PI/2 BPSK	135	69		17.01		18.1	0.0
100	PI/2 BPSK	135	138		17.00		18.1	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14		18.1	0.0
100	QPSK	1	137		17.10			
100	QPSK	1	271		16.96			
100	QPSK	135	0		17.05		18.1	0.0
100	QPSK	135	69		17.08		18.1	0.0
100	QPSK	135	138		16.87		18.1	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		17.01		18.1	0.0
100	64QAM	1	1		17.08		18.1	0.0
100	256QAM	1	1		16.98		18.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.09	17.05	18.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.01	17.00	17.10	18.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	16.99	17.01	18.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.98	17.04	17.03	18.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.08	17.08	17.02	18.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	17.07	17.08	18.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.10	17.00	17.04	18.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.09	17.08	17.05	18.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.00	17.00	17.10	18.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.08	17.03	16.99	18.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.06	17.09	17.00	18.1	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.36	16.31	16.39	17.7	0.0
40	PI/2 BPSK	1	53	16.39	16.39	16.14		
40	PI/2 BPSK	1	104	16.26	16.34	16.23		
40	PI/2 BPSK	50	0	16.23	16.28	16.25	17.7	0.0
40	PI/2 BPSK	50	28	16.31	16.29	16.10	17.7	0.0
40	PI/2 BPSK	50	56	16.26	16.37	16.14	17.7	0.0
40	PI/2 BPSK	100	0	16.28	16.30	16.22		
40	QPSK	1	1	16.39	16.47	16.18	17.7	0.0
40	QPSK	1	53	16.24	16.34	16.16		
40	QPSK	1	104	16.12	16.28	16.11		
40	QPSK	50	0	16.31	16.31	16.15	17.7	0.0
40	QPSK	50	28	16.26	16.36	16.21	17.7	0.0
40	QPSK	50	56	16.24	16.24	16.29	17.7	0.0
40	QPSK	100	0	16.30	16.32	16.06		
40	16QAM	1	1	16.36	16.40	16.28	17.7	0.0
40	64QAM	1	1	16.28	16.35	16.05	17.7	0.0
40	256QAM	1	1	16.16	16.19	16.31	17.7	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.27	16.32	16.08	17.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.33	16.36	16.07	17.7	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.25	16.36	16.35	17.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.27	16.42	16.11	17.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.01	16.04	16.05	16.4	0.0
100	PI/2 BPSK	1	137	16.03	16.07	15.94		
100	PI/2 BPSK	1	271	15.96	16.03	15.88		
100	PI/2 BPSK	135	0	15.91	15.99	15.94	16.4	0.0
100	PI/2 BPSK	135	69	16.04	16.01	15.99	16.4	0.0
100	PI/2 BPSK	135	138	15.93	16.08	15.92	16.4	0.0
100	PI/2 BPSK	270	0	15.94	16.02	15.87		
100	QPSK	1	1	16.08	16.11	15.95	16.4	0.0
100	QPSK	1	137	15.93	16.04	15.99		
100	QPSK	1	271	15.97	15.95	15.87		
100	QPSK	135	0	16.02	16.01	15.91	16.4	0.0
100	QPSK	135	69	15.92	16.09	15.94	16.4	0.0
100	QPSK	135	138	15.90	15.96	15.94	16.4	0.0
100	QPSK	270	0	16.00	16.04	15.99		
100	16QAM	1	1	16.03	16.06	16.00	16.4	0.0
100	64QAM	1	1	15.96	16.00	15.92	16.4	0.0
100	256QAM	1	1	15.96	16.01	16.05	16.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.96	15.95	15.88	16.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.94	15.97	15.90	16.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.99	16.06	15.81	16.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.97	15.98	15.87	16.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.95	16.01	15.80	16.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.92	15.98	15.90	16.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.95	16.00	15.83	16.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.97	16.03	15.89	16.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.00	15.99	15.84	16.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.96	16.05	15.89	16.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.96	16.03	15.89	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.08		16.4	0.0
100	PI/2 BPSK	1	137		16.14			
100	PI/2 BPSK	1	271		16.19			
100	PI/2 BPSK	135	0		16.09		16.4	0.0
100	PI/2 BPSK	135	69		16.06		16.4	0.0
100	PI/2 BPSK	135	138		16.14		16.4	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.27		16.4	0.0
100	QPSK	1	137		16.09			
100	QPSK	1	271		16.07			
100	QPSK	135	0		16.12		16.4	0.0
100	QPSK	135	69		16.21		16.4	0.0
100	QPSK	135	138		16.04		16.4	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.18		16.4	0.0
100	64QAM	1	1		16.16		16.4	0.0
100	256QAM	1	1		16.05		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.13	16.19	16.14	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.15	16.12	16.17	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.12	16.17	16.12	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.16	16.18	16.13	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.23	16.11	16.22	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.20	16.19	16.17	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.13	16.22	16.12	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.19	16.12	16.11	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.13	16.15	16.17	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.12	16.18	16.17	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.12	16.21	16.13	16.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.53		16.4	0.0
100	PI/2 BPSK	1	137		15.69			
100	PI/2 BPSK	1	271		15.69			
100	PI/2 BPSK	135	0		15.61		16.4	0.0
100	PI/2 BPSK	135	69		15.51		16.4	0.0
100	PI/2 BPSK	135	138		15.63		16.4	0.0
100	PI/2 BPSK	270	0		15.68			
100	QPSK	1	1		15.74		16.4	0.0
100	QPSK	1	137		15.65			
100	QPSK	1	271		15.58			
100	QPSK	135	0		15.59		16.4	0.0
100	QPSK	135	69		15.65		16.4	0.0
100	QPSK	135	138		15.57		16.4	0.0
100	QPSK	270	0		15.62			
100	16QAM	1	1		15.68		16.4	0.0
100	64QAM	1	1		15.71		16.4	0.0
100	256QAM	1	1		15.56		16.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.62	15.60	15.63	16.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.59	15.68	15.64	16.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.69	15.64	15.66	16.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.68	15.62	15.62	16.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.62	15.63	15.59	16.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.64	15.58	15.67	16.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.58	15.64	15.63	16.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.68	15.70	15.59	16.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.69	15.58	15.67	16.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.66	15.61	15.70	16.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.66	15.65	15.59	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.64		16.4	0.0
100	PI/2 BPSK	1	137		15.75			
100	PI/2 BPSK	1	271		15.84			
100	PI/2 BPSK	135	0		15.73		16.4	0.0
100	PI/2 BPSK	135	69		15.64		16.4	0.0
100	PI/2 BPSK	135	138		15.70		16.4	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.90		16.4	0.0
100	QPSK	1	137		15.69			
100	QPSK	1	271		15.70			
100	QPSK	135	0		15.72		16.4	0.0
100	QPSK	135	69		15.76		16.4	0.0
100	QPSK	135	138		15.69		16.4	0.0
100	QPSK	270	0		15.78			
100	16QAM	1	1		15.80		16.4	0.0
100	64QAM	1	1		15.78		16.4	0.0
100	256QAM	1	1		15.65		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.85	15.84	15.85	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.78	15.86	15.85	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.77	15.83	15.77	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.80	15.76	15.78	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.78	15.74	15.78	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.82	15.79	15.76	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.77	15.75	15.86	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.83	15.82	15.82	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.76	15.79	15.76	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.82	15.85	15.83	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.85	15.77	15.75	16.4	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.56	19.64	19.53	20.5	0.0
40	PI/2 BPSK	1	53	19.34	19.49	19.38		
40	PI/2 BPSK	1	104	19.32	19.44	19.39		
40	PI/2 BPSK	50	0	19.42	19.60	19.57	20.5	0.0
40	PI/2 BPSK	50	28	19.44	19.56	19.49	20.5	0.0
40	PI/2 BPSK	50	56	19.42	19.45	19.37	20.5	0.0
40	PI/2 BPSK	100	0	19.47	19.57	19.46		
40	QPSK	1	1	19.66	19.68	19.51	20.5	0.0
40	QPSK	1	53	19.37	19.50	19.42		
40	QPSK	1	104	19.32	19.48	19.41		
40	QPSK	50	0	19.44	19.60	19.55	20.5	0.0
40	QPSK	50	28	19.61	19.64	19.54	20.5	0.0
40	QPSK	50	56	19.24	19.42	19.32	20.5	0.0
40	QPSK	100	0	19.50	19.62	19.54		
40	16QAM	1	1	19.39	19.44	19.27	20.5	0.0
40	64QAM	1	1	19.45	19.52	19.37	20.5	0.0
40	256QAM	1	1	19.52	19.56	19.40	20.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.44	19.48	19.24	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.34	19.44	19.23	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.25	19.36	19.35	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.48	19.42	19.20	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.80	17.83	17.76	19.4	0.0
100	PI/2 BPSK	1	137	17.60	17.76	17.64		
100	PI/2 BPSK	1	271	17.53	17.69	17.54		
100	PI/2 BPSK	135	0	17.62	17.73	17.57	19.4	0.0
100	PI/2 BPSK	135	69	17.71	17.81	17.67	19.4	0.0
100	PI/2 BPSK	135	138	17.48	17.65	17.59	19.4	0.0
100	PI/2 BPSK	270	0	17.67	17.75	17.70		
100	QPSK	1	1	17.93	17.99	17.96	19.4	0.0
100	QPSK	1	137	17.68	17.71	17.55		
100	QPSK	1	271	17.51	17.57	17.50		
100	QPSK	135	0	17.62	17.68	17.66	19.4	0.0
100	QPSK	135	69	17.65	17.79	17.66	19.4	0.0
100	QPSK	135	138	17.60	17.66	17.53	19.4	0.0
100	QPSK	270	0	17.74	17.77	17.62		
100	16QAM	1	1	17.43	17.43	17.46	19.4	0.0
100	64QAM	1	1	17.46	17.46	17.42	19.4	0.0
100	256QAM	1	1	17.41	17.56	17.51	19.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.75	17.90	17.83	19.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.81	17.81	17.82	19.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.86	17.83	17.86	19.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.84	17.91	17.90	19.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.77	17.86	17.94	19.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.83	17.96	17.92	19.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.77	17.84	17.86	19.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.85	17.87	17.84	19.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.75	17.95	17.88	19.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.89	17.92	17.83	19.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.87	17.94	17.83	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.52		19.4	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.46		19.4	0.0
100	PI/2 BPSK	135	69		18.53		19.4	0.0
100	PI/2 BPSK	135	138		18.56		19.4	0.0
100	PI/2 BPSK	270	0		18.42			
100	QPSK	1	1		18.66		19.4	0.0
100	QPSK	1	137		18.47			
100	QPSK	1	271		18.55			
100	QPSK	135	0		18.43		19.4	0.0
100	QPSK	135	69		18.51		19.4	0.0
100	QPSK	135	138		18.40		19.4	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.19		19.4	0.0
100	64QAM	1	1		18.03		19.4	0.0
100	256QAM	1	1		18.21		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.47	18.60	18.60	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.40	18.45	18.48	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.43	18.49	18.59	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.33	18.53	18.45	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.34	18.61	18.56	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.42	18.49	18.58	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.42	18.54	18.50	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.41	18.60	18.53	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.46	18.49	18.54	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.43	18.57	18.55	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.48	18.51	18.49	19.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.82		19.4	0.0
100	PI/2 BPSK	1	137		17.57			
100	PI/2 BPSK	1	271		17.45			
100	PI/2 BPSK	135	0		17.52		19.4	0.0
100	PI/2 BPSK	135	69		17.63		19.4	0.0
100	PI/2 BPSK	135	138		17.48		19.4	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.78		19.4	0.0
100	QPSK	1	137		17.50			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.48		19.4	0.0
100	QPSK	135	69		17.59		19.4	0.0
100	QPSK	135	138		17.49		19.4	0.0
100	QPSK	270	0		17.58			
100	16QAM	1	1		17.42		19.4	0.0
100	64QAM	1	1		17.41		19.4	0.0
100	256QAM	1	1		17.45		19.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.55	17.68	17.64	19.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.51	17.68	17.64	19.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.57	17.73	17.65	19.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.56	17.71	17.61	19.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.57	17.66	17.61	19.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.51	17.72	17.63	19.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.54	17.74	17.62	19.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.54	17.71	17.66	19.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.55	17.73	17.62	19.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.57	17.70	17.62	19.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.53	17.73	17.60	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.45		19.4	0.0
100	PI/2 BPSK	1	137		18.41			
100	PI/2 BPSK	1	271		18.30			
100	PI/2 BPSK	135	0		18.40		19.4	0.0
100	PI/2 BPSK	135	69		18.44		19.4	0.0
100	PI/2 BPSK	135	138		18.51		19.4	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.52		19.4	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.48			
100	QPSK	135	0		18.34		19.4	0.0
100	QPSK	135	69		18.44		19.4	0.0
100	QPSK	135	138		18.34		19.4	0.0
100	QPSK	270	0		18.42			
100	16QAM	1	1		18.11		19.4	0.0
100	64QAM	1	1		17.96		19.4	0.0
100	256QAM	1	1		18.15		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.37	18.50	18.50	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.39	18.49	18.49	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.51	18.49	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.38	18.51	18.51	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.38	18.49	18.51	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.38	18.49	18.50	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.35	18.51	18.48	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.39	18.50	18.48	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.37	18.52	18.49	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.37	18.49	18.48	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.37	18.49	18.51	19.4	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	10.05	10.11	10.10	11.3	0.0
40	PI/2 BPSK	1	53	10.13	10.03	10.04		
40	PI/2 BPSK	1	104	10.08	10.08	10.06		
40	PI/2 BPSK	50	0	9.96	10.10	10.11	11.3	0.0
40	PI/2 BPSK	50	28	10.06	10.02	10.07	11.3	0.0
40	PI/2 BPSK	50	56	10.02	10.16	10.10	11.3	0.0
40	PI/2 BPSK	100	0	10.09	10.15	9.96		
40	QPSK	1	1	10.12	10.17	10.10	11.3	0.0
40	QPSK	1	53	10.06	10.16	10.14		
40	QPSK	1	104	10.00	10.12	10.00		
40	QPSK	50	0	10.10	10.11	10.03	11.3	0.0
40	QPSK	50	28	10.07	10.13	10.06	11.3	0.0
40	QPSK	50	56	10.03	10.05	10.04	11.3	0.0
40	QPSK	100	0	10.03	10.09	10.08		
40	16QAM	1	1	10.02	10.02	10.10	11.3	0.0
40	64QAM	1	1	10.05	10.02	10.06	11.3	0.0
40	256QAM	1	1	10.11	10.06	10.05	11.3	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	10.08	10.16	9.97	11.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	10.09	10.12	9.94	11.3	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	10.05	10.16	10.15	11.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	10.11	10.12	10.09	11.3	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.63	11.78	11.71	12.4	0.0
100	PI/2 BPSK	1	137	11.71	11.81	11.70		
100	PI/2 BPSK	1	271	11.55	11.70	11.64		
100	PI/2 BPSK	135	0	11.59	11.69	11.55	12.4	0.0
100	PI/2 BPSK	135	69	11.48	11.62	11.51	12.4	0.0
100	PI/2 BPSK	135	138	11.69	11.81	11.67	12.4	0.0
100	PI/2 BPSK	270	0	11.63	11.69	11.65		
100	QPSK	1	1	11.82	11.88	11.80	12.4	0.0
100	QPSK	1	137	11.69	11.78	11.73		
100	QPSK	1	271	11.64	11.73	11.64		
100	QPSK	135	0	11.56	11.72	11.66	12.4	0.0
100	QPSK	135	69	11.65	11.75	11.70	12.4	0.0
100	QPSK	135	138	11.60	11.71	11.61	12.4	0.0
100	QPSK	270	0	11.66	11.73	11.58		
100	16QAM	1	1	11.64	11.80	11.72	12.4	0.0
100	64QAM	1	1	11.70	11.78	11.67	12.4	0.0
100	256QAM	1	1	11.64	11.69	11.59	12.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.74	11.80	11.81	12.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.80	11.81	11.81	12.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.79	11.79	11.81	12.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.76	11.74	11.79	12.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.76	11.76	11.77	12.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.81	11.75	11.78	12.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.76	11.72	11.83	12.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.79	11.77	11.81	12.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.76	11.78	11.82	12.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.79	11.78	11.76	12.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.72	11.80	11.78	12.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.32		12.4	0.0
100	PI/2 BPSK	1	137		11.30			
100	PI/2 BPSK	1	271		11.25			
100	PI/2 BPSK	135	0		11.19		12.4	0.0
100	PI/2 BPSK	135	69		11.06		12.4	0.0
100	PI/2 BPSK	135	138		11.27		12.4	0.0
100	PI/2 BPSK	270	0		11.14			
100	QPSK	1	1		11.38		12.4	0.0
100	QPSK	1	137		11.29			
100	QPSK	1	271		11.25			
100	QPSK	135	0		11.20		12.4	0.0
100	QPSK	135	69		11.34		12.4	0.0
100	QPSK	135	138		11.18		12.4	0.0
100	QPSK	270	0		11.30			
100	16QAM	1	1		11.29		12.4	0.0
100	64QAM	1	1		11.32		12.4	0.0
100	256QAM	1	1		11.23		12.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	11.34	11.32	11.30	12.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	11.25	11.22	11.31	12.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	11.32	11.26	11.32	12.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	11.30	11.25	11.24	12.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	11.27	11.33	11.30	12.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	11.27	11.27	11.32	12.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.23	11.29	11.28	12.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	11.28	11.28	11.27	12.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	11.22	11.30	11.27	12.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	11.23	11.31	11.30	12.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	11.23	11.24	11.29	12.4	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.69		12.4	0.0
100	PI/2 BPSK	1	137		11.67			
100	PI/2 BPSK	1	271		11.56			
100	PI/2 BPSK	135	0		11.57		12.4	0.0
100	PI/2 BPSK	135	69		11.54		12.4	0.0
100	PI/2 BPSK	135	138		11.68		12.4	0.0
100	PI/2 BPSK	270	0		11.57			
100	QPSK	1	1		11.79		12.4	0.0
100	QPSK	1	137		11.70			
100	QPSK	1	271		11.68			
100	QPSK	135	0		11.62		12.4	0.0
100	QPSK	135	69		11.64		12.4	0.0
100	QPSK	135	138		11.61		12.4	0.0
100	QPSK	270	0		11.62			
100	16QAM	1	1		11.65		12.4	0.0
100	64QAM	1	1		11.70		12.4	0.0
100	256QAM	1	1		11.61		12.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.73	11.75	11.69	12.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.74	11.71	11.67	12.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.64	11.68	11.69	12.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.64	11.75	11.69	12.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.64	11.66	11.68	12.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.72	11.63	11.70	12.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.71	11.68	11.72	12.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.68	11.64	11.67	12.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.66	11.67	11.67	12.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.72	11.73	11.72	12.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.64	11.70	11.74	12.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.10		12.4	0.0
100	PI/2 BPSK	1	137		11.13			
100	PI/2 BPSK	1	271		11.02			
100	PI/2 BPSK	135	0		10.97		12.4	0.0
100	PI/2 BPSK	135	69		10.81		12.4	0.0
100	PI/2 BPSK	135	138		11.10		12.4	0.0
100	PI/2 BPSK	270	0		10.96			
100	QPSK	1	1		11.19		12.4	0.0
100	QPSK	1	137		11.10			
100	QPSK	1	271		11.08			
100	QPSK	135	0		11.04		12.4	0.0
100	QPSK	135	69		11.11		12.4	0.0
100	QPSK	135	138		11.03		12.4	0.0
100	QPSK	270	0		11.09			
100	16QAM	1	1		11.11		12.4	0.0
100	64QAM	1	1		11.14		12.4	0.0
100	256QAM	1	1		11.07		12.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	11.18	11.09	11.05	12.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	11.13	11.15	11.09	12.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	11.12	11.15	11.14	12.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	11.12	11.15	11.14	12.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	11.17	11.07	11.15	12.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	11.11	11.09	11.11	12.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.12	11.16	11.08	12.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	11.15	11.15	11.11	12.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	11.19	11.15	11.13	12.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	11.17	11.16	11.14	12.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	11.16	11.15	11.07	12.4	0.0

WLAN/Bluetooth Power

Ant 2+9 Full Power Bodyworn(Standalone) Handheld(Standalone) Handheld(Simultaneous)						Ant 2+9 Head (Standalone)		Ant 2+9 Head(Simultaneous) Hotspot		Ant 2+9 Bodyworn(Simultaneous)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.76	24.50	22.32	24.00	17.85	19.50	18.86	20.50	
		6	2437	22.66	24.50	22.53	24.00	18.06	19.50	19.11	20.50	99.52
		11	2462	21.91	23.50	21.91	23.50	17.98	19.50	19.03	20.50	
	802.11g 6Mbps	1	2412	21.41	23.00	21.41	23.00		19.50		20.50	
		6	2437	21.66	23.00	21.66	23.00		19.50		20.50	96.53
		11	2462	19.38	21.00	19.38	21.00		19.50		20.50	
	802.11n-HT20 MCS0	1	2412	20.10	21.50		21.50		19.50		20.50	
		6	2437	21.61	23.00		23.00		19.50		20.50	96.30
		10	2457	20.82	22.00		22.00		19.50		20.50	
		11	2462	17.08	18.50		18.50		18.50		18.50	
	802.11n-HT40 MCS0	3	2422	18.86	20.00		20.00		19.50		20.00	
		6	2437	19.06	20.50		20.50		19.50		20.50	
		7	2442	17.56	19.00		19.00		19.00		19.00	94.20
		8	2447	15.16	16.50		16.50		16.50		16.50	
		9	2452	15.77	17.00		17.00		17.00		17.00	
	802.11ac-VHT20 MCS0	1	2412	19.96	21.50		21.50		19.50		20.50	
		6	2437	21.31	23.00		23.00		19.50		20.50	97.04
		10	2457	20.62	22.00		22.00	Not Required	19.50	Not Required	20.50	
		11	2462	16.93	18.50	Not Required	18.50		18.50		18.50	
	802.11ac-VHT40 MCS0	3	2422	18.66	20.00		20.00		19.50		20.00	
		6	2437	18.96	20.50		20.50		19.50		20.50	
		7	2442	17.46	19.00		19.00		19.50		19.00	94.29
		8	2447	15.11	16.50		16.50		16.50		16.50	
		9	2452	15.47	17.00		17.00		17.00		17.00	
	802.11ax-HE20 MCS0	1	2412	18.01	19.50		19.50		19.50		19.50	
		2	2417	21.26	23.00		23.00		19.50		20.50	
		6	2437	21.96	23.50		23.50		19.50		20.50	96.19
		10	2457	19.16	20.50		20.50		19.50		20.50	
		11	2462	16.10	17.50		17.50		17.50		17.50	
	802.11ax-HE40 MCS0	3	2422	17.26	19.00		19.00		19.00		19.00	
		6	2437	18.56	20.00		20.00		19.50		20.00	93.10
		9	2452	18.42	18.00		18.00		18.00		18.00	

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

Ant 2+9 Full Power Handheld (Standalone)						Ant 2+9 Head (Standalone)		Ant 2+9 Head(Simultaneous)		Ant 2+9 Bodyworn(Standalone)		Ant 2+9 Bodyworn(Simultaneous)		Ant 2+9 Hotspot		Ant 2+9 Handheld(Simultaneous)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.50	19.00		19.00		14.00		19.00		15.50		14.00		19.50	
		40	5200	20.42	22.00		21.00		14.00		21.50		15.50		14.00		19.50	97.22
		44	5220	20.48	22.00		21.00		14.00		21.50		15.50		14.00		19.50	
		48	5240	20.50	22.00	Not Required	21.00		14.00	Not Required	21.50		15.50		14.00	Not Required	19.50	
	802.11n-HT20 MCS0	36	5180	15.99	17.50		17.50		14.00		17.50		15.50		14.00		17.50	
		40	5200	20.29	22.00		21.00		14.00		21.50		15.50		14.00		19.50	97.01
		44	5220	20.33	22.00		21.00		14.00		21.50		15.50		14.00		19.50	
		48	5240	20.40	22.00		21.00	Not Required	14.00		21.50	Not Required	15.50	Not Required	14.00		19.50	
	802.11n-HT40 MCS0	38	5190	15.73	17.00	15.73	17.00		14.00	15.73	17.00		15.50		14.00	15.73	17.00	94.12
		46	5230	20.61	22.00	19.75	21.00		14.00	20.14	21.50		15.50		14.00	17.76	19.50	
	802.11ac-VHT20 MCS0	36	5180	15.93	17.50		17.50		14.00		17.50		15.50		14.00		17.50	
		40	5200	20.20	22.00		21.00		14.00		21.50		15.50		14.00		19.50	97.04
		44	5220	20.27	22.00		21.00		14.00		21.50		15.50		14.00		19.50	
		48	5240	20.32	22.00		21.00		14.00		21.50		15.50		14.00		19.50	
	802.11ac-VHT40 MCS0	38	5190	15.65	17.00		17.00		14.00		17.00		15.50		14.00		17.00	94.29
		46	5230	20.52	22.00		21.00		14.00		21.50		15.50		14.00		19.50	
	802.11ac-VHT80 MCS0	42	5210	15.05	16.50	Not Required	16.50	12.48	14.00	Not Required	16.50	13.88	15.50	12.28	14.00	Not Required	16.50	89.19
	802.11ax-HE20 MCS0	36	5180	15.93	17.50		17.50		14.00		17.50		15.50		14.00		17.50	
		40	5200	20.37	22.00		21.00		14.00		21.50		15.50		14.00		19.50	96.19
		44	5220	18.56	20.00		20.00		14.00		20.00		15.50		14.00		19.50	
		48	5240	18.48	20.00		20.00	Not Required	14.00		20.00	Not Required	15.50	Not Required	14.00		19.50	
	802.11ax-HE40 MCS0	38	5190	15.63	17.00		17.00		14.00		17.00		15.50		14.00		17.00	91.38
		46	5230	18.62	20.00		20.00		14.00		20.00		15.50		14.00		19.50	
	802.11ax-HE80 MCS0	42	5210	14.30	16.00		16.00		14.00		16.00		15.50		14.00		16.00	85.29

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

Ant 2+9 Full Power Handheld(Standalone)						Ant 2+9 Head (Standalone)		Ant 2+9 Head (Simultaneous)		Ant 2+9 Bodyworn(Standalone)		Ant 2+9 Bodyworn(Simultaneous)		Ant 2+9 Handheld(Simultaneous)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.18	22.00		21.00		14.00		21.50		15.50		19.50	
		56	5280	20.10	22.00		21.00		14.00		21.50		15.50		19.50	97.22
		60	5300	20.23	22.00		21.00		14.00		21.50		15.50		19.50	
		64	5320	17.23	18.50	Not Required	18.50		14.00	Not Required	18.50		15.50	Not Required	18.50	
	802.11n-HT20 MCS0	52	5260	20.33	22.00		21.00		14.00		21.50		15.50		19.50	
		56	5280	20.13	22.00		21.00		14.00		21.50		15.50		19.50	97.01
		60	5300	20.15	22.00		21.00		14.00		21.50		15.50		19.50	
		64	5320	16.88	18.50		18.50	Not Required	14.00		18.50	Not Required	15.50		18.50	
	802.11n-HT40 MCS0	54	5270	20.21	22.00	19.33	21.00		14.00	19.78	21.50		15.50	17.85	19.50	94.12
		62	5310	16.62	18.00	16.62	18.00		14.00	16.62	18.00		15.50	16.62	18.00	
	802.11ac-VHT20 MCS0	52	5260	20.25	22.00		21.00		14.00		21.50		15.50		19.50	
		56	5280	20.08	22.00		21.00		14.00		21.50		15.50		19.50	97.04
		60	5300	20.05	21.50		21.00		14.00		21.50		15.50		19.50	
		64	5320	16.82	18.50		18.50		14.00		18.50		15.50		18.50	
	802.11ac-VHT40 MCS0	54	5270	20.13	22.00		21.00		14.00		21.50		15.50		19.50	94.29
		62	5310	16.53	18.00		18.00		14.00		18.00		15.50		18.00	
	802.11ac-VHT80 MCS0	58	5290	14.76	16.50	Not Required	16.50	12.42	14.00	Not Required	16.50	14.12	15.50	Not Required	16.50	89.19
	802.11ax-HE20 MCS0	52	5260	18.26	20.00		20.00		14.00		20.00		15.50		19.50	
		56	5280	18.24	20.00		20.00		14.00		20.00		15.50		19.50	96.19
		60	5300	18.23	19.50		19.50		14.00		19.50		15.50		19.50	
		64	5320	16.79	18.50		18.50	Not Required	14.00		18.50	Not Required	15.50		18.50	
	802.11ax-HE40 MCS0	54	5270	18.22	19.50		19.50		14.00		19.50		15.50		19.50	91.38
		62	5310	15.77	17.50		17.50		14.00		17.50		15.50		17.50	
	802.11ax-HE80 MCS0	58	5290	13.95	15.50		15.50		14.00		15.50		15.50		15.50	85.29

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

Ant 2+9 Full Power Head (Standalone) Handheld(Standalone)						Ant 2+9 Head(Simultaneous)		Ant 2+9 Bodyworn(Standalone)		Ant 2+9 Bodyworn(Simultaneous)		Ant 2+9 Handheld(Simultaneous)		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.41	21.00		18.50		19.00		14.50		17.00	
		116	5580	19.73	21.50		18.50		19.00		14.50		17.00	97.22
		132	5660	19.82	21.50		18.50		19.00		14.50		17.00	
		140	5700	17.15	18.50	Not Required	18.50	Not Required	18.50		14.50	Not Required	17.00	
	802.11n-HT20 MCS0	100	5500	17.96	19.50		18.50		19.00		14.50		17.00	
		116	5580	19.83	21.50		18.50		19.00		14.50		17.00	97.01
		132	5660	19.78	21.50		18.50		19.00		14.50		17.00	
		140	5700	17.01	18.50		18.50		18.50		14.50		17.00	
	802.11n-HT40 MCS0	102	5510	15.75	17.50	15.75	17.50	15.75	17.50	Not Required	14.50	15.75	17.00	
		110	5550	20.38	22.00	16.95	18.50	17.43	19.00		14.50	15.47	17.00	94.12
		134	5670	18.18	19.50	16.92	18.50	17.32	19.00		14.50	15.29	17.00	
	802.11ac-VHT20 MCS0	100	5500	17.90	19.50		18.50		19.00		14.50		17.00	
		116	5580	19.76	21.50		18.50		19.00		14.50		17.00	97.04
		132	5660	19.71	21.50		18.50		19.00		14.50		17.00	
		140	5700	16.69	18.00		18.00		18.00		14.50		17.00	
	802.11ac-VHT40 MCS0	102	5510	15.69	17.00		17.00		17.00		14.50		17.00	
		110	5550	20.25	22.00		18.50		19.00		14.50		17.00	94.29
		134	5670	18.11	19.50		18.50		19.00		14.50		17.00	
	802.11ac-VHT80 MCS0	106	5530	13.48	15.00	Not Required	15.00	Not Required	15.00	13.02	14.50	Not Required	15.00	89.19
	802.11ax-HE20 MCS0	100	5500	18.62	20.00		18.50		19.00		14.50		17.00	
		116	5580	18.16	19.50		18.50		19.00		14.50		17.00	96.19
		132	5660	18.62	20.00		18.50		19.00		14.50		17.00	
		140	5700	17.22	18.50		18.50		18.50		14.50		17.00	
	802.11ax-HE40 MCS0	102	5510	16.73	18.50		18.50		18.50		14.50		17.00	
		110	5550	18.66	20.00		18.50		19.00		14.50		17.00	91.38
		134	5670	18.26	19.50		18.50		19.00		14.50		17.00	
	802.11ax-HE80 MCS0	106	5530	14.52	16.00		16.00		16.00		14.50		16.00	85.29

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

Ant 2+9 Full Power Handheld(Standalone)						Ant 2+9 Head (Standalone)		Ant 2+9 Head(Simultaneous)		Ant 2+9 Bodyworn(Standalone) Handheld(Simultaneous)		Ant 2+9 Bodyworn(Simultaneous) Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.61	22.00		19.50		15.00		18.50		14.50	
		157	5785	20.83	22.50		19.50		15.00		18.50		14.50	97.22
		165	5825	20.62	22.00		19.50		15.00		18.50		14.50	
	802.11n-HT20 MCS0	149	5745	20.44	22.00		19.50		15.00		18.50		14.50	
		157	5785	20.84	22.50		19.50		15.00		18.50		14.50	97.01
		165	5825	20.48	22.00		19.50		15.00		18.50		14.50	
	802.11n-HT40 MCS0	151	5755	20.73	22.50	Not Required	19.50	Not Required	15.00	Not Required	18.50	Not Required	14.50	94.12
		159	5795	20.59	22.00		19.50		15.00		18.50		14.50	
	802.11ac-VHT20 MCS0	149	5745	20.37	22.00		19.50		15.00		18.50		14.50	
		157	5785	20.79	22.50		19.50		15.00		18.50		14.50	97.04
		165	5825	20.44	22.00		19.50		15.00		18.50		14.50	
	802.11ac-VHT40 MCS0	151	5795	20.66	22.50		19.50		15.00		18.50		14.50	94.29
		159	5795	20.51	22.00		19.50		15.00		18.50		14.50	
	802.11ac-VHT80 MCS0	155	5775	20.61	22.50	18.15	19.50	13.26	15.00	17.36	18.50	12.83	14.50	89.19
	802.11ax-HE20 MCS0	149	5745	18.57	20.00		19.50		15.00		18.50		14.50	
		157	5785	18.70	20.00		19.50		15.00		18.50		14.50	96.19
		165	5825	18.42	20.00		19.50		15.00		18.50		14.50	
	802.11ax-HE40 MCS0	151	5755	18.80	20.50	Not Required	19.50	Not Required	15.00	Not Required	18.50	Not Required	14.50	91.38
		159	5795	18.86	20.50		19.50		15.00		18.50		14.50	
	802.11ax-HE80 MCS0	155	5775	18.59	20.00		19.00		15.00		18.50		14.50	85.29

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

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.00	14.60	14.70
	CH 39	2441	18.10	15.50	15.60
	CH 78	2480	17.20	14.80	14.90
Tune-up Limit			18.5	16	16

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.80
	CH 19	2440	7.40
	CH 39	2480	5.70
Tune-up Limit			7.5

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.80
	CH 19	2440	7.20
	CH 39	2480	5.70
Tune-up Limit			7.5