

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %

10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %

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, Clipping 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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 %
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6 %
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %

10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power Mode

Band 2_Ant 2												
RF (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch./Freq.	Power Lvl Main Ch./Freq.	Power Lvl Sb Ch./Freq.	Time-up Intvl (sec)	APN (dB)				
Channel												
Frequency (MHz)				18000	18000	18000						
20	QPSK	1	0	23.74	23.92	23.82	24.5	0				
20	QPSK	1	40	23.78	23.97	23.86						
20	QPSK	1	80	23.77	23.77	23.73						
20	QPSK	50	0	22.79	22.96	22.84	23.5	1				
20	QPSK	50	24	22.84	22.87	22.83						
20	QPSK	50	50	22.75	22.91	22.88						
20	QPSK	100	0	22.83	22.86	22.82	23.5	1				
20	TDMA	1	0	23.07	23.05	23.17						
20	TDMA	1	40	23.08	23.05	23.09						
20	TDMA	50	0	21.82	21.89	21.88	22.5	2				
20	TDMA	50	24	21.86	21.98	21.82						
20	TDMA	50	50	21.85	21.95	21.82						
20	TDMA	100	0	21.80	21.80	21.82	22.5	2				
20	TDMA	1	0	21.85	21.85	21.85						
20	TDMA	1	40	21.85	22.13	21.96						
20	TDMA	1	80	21.88	22.03	22.00	21.5	3				
20	TDMA	50	0	20.78	20.80	20.80						
20	TDMA	50	24	20.69	20.67	20.68						
20	TDMA	50	50	20.70	20.91	20.87						
20	TDMA	100	0	20.69	20.86	20.81						
Channel												
Frequency (MHz)				18675	18600	18675						
15	QPSK	1	0	23.70	23.86	23.75	24.5	0				
15	QPSK	1	37	23.70	23.74	23.80						
15	QPSK	1	74	23.64	23.74	23.71						
15	QPSK	36	0	22.75	22.81	22.81	23.5	1				
15	QPSK	36	20	22.75	22.84	22.83						
15	QPSK	36	36	22.75	22.75	22.80						
15	TDMA	1	0	23.62	23.68	23.15	23.5	1				
15	TDMA	1	37	23.70	23.43	23.16						
15	TDMA	1	74	23.62	23.02	23.05						
15	TDMA	36	0	21.89	21.80	21.77	22.5	2				
15	TDMA	36	20	21.77	21.74	21.81						
15	TDMA	36	36	21.82	21.85	21.83						
15	TDMA	72	0	21.80	21.81	21.80	22.5	2				
15	TDMA	1	0	21.83	22.01	21.83						
15	TDMA	1	37	21.72	22.01	21.83						
15	TDMA	1	74	21.80	22.00	21.87	21.5	3				
15	TDMA	36	0	20.62	20.62	20.63						
15	TDMA	36	20	20.77	20.85	20.75						
15	TDMA	72	0	20.80	20.81	20.81	21.5	3				
Channel												
Frequency (MHz)				18555	18555	18555						
10	QPSK	1	0	23.66	23.69	23.80				24.5	0	
10	QPSK	1	25	23.67	23.71	23.78						
10	QPSK	1	49	23.62	23.69	23.72						
10	QPSK	25	0	22.69	22.84	22.76	23.5	1				
10	QPSK	25	12	22.74	22.74	22.74						
10	QPSK	25	25	22.70	22.80	22.80						
10	QPSK	50	0	22.61	22.75	22.82	23.5	1				
10	QPSK	1	0	23.65	23.62	23.67						
10	TDMA	1	25	23.21	23.44	23.22						
10	TDMA	1	49	22.85	23.04	22.95	22.5	2				
10	TDMA	25	0	21.74	21.82	21.83						
10	TDMA	25	12	21.80	21.84	21.83						
10	TDMA	25	25	21.75	21.83	21.85	22.5	2				
10	TDMA	50	0	21.78	21.85	21.86						
10	TDMA	1	0	21.82	21.88	21.86						
10	TDMA	1	25	21.76	22.06	21.81	21.5	3				
10	TDMA	1	49	21.80	21.82	21.84						
10	TDMA	25	0	20.65	20.80	20.79						
10	TDMA	25	12	20.62	20.84	20.74	21.5	3				
10	TDMA	25	25	20.70	20.81	20.84						
10	TDMA	50	0	20.77	20.84	20.71						
Channel												
Frequency (MHz)				18625	18600	18775						
5	QPSK	1	0	23.69	23.69	23.78	24.5	0				
5	QPSK	1	12	23.68	23.70	23.76						
5	QPSK	1	24	23.62	23.74	23.64						
5	QPSK	12	0	22.75	22.83	22.78	23.5	1				
5	QPSK	12	6	22.81	22.85	22.82						
5	QPSK	12	12	22.78	22.81	22.75						
5	TDMA	1	0	23.62	23.69	23.15	23.5	1				
5	TDMA	1	12	23.58	23.59	23.53						
5	TDMA	1	24	23.64	23.64	23.66						
5	TDMA	12	0	21.89	21.83	21.83	22.5	2				
5	TDMA	12	6	21.82	21.83	21.79						
5	TDMA	12	12	21.82	21.89	21.75						
5	TDMA	25	0	21.72	21.74	21.78	22.5	2				
5	TDMA	25	12	21.77	21.77	21.77						
5	TDMA	25	25	21.77	22.03	21.89						
5	TDMA	1	0	21.85	21.87	21.81	21.5	3				
5	TDMA	1	12	21.80	21.82	21.82						
5	TDMA	1	24	21.80	21.82	21.82						
5	TDMA	12	0	20.68	20.82	20.80						
5	TDMA	12	6	20.65	20.86	20.80						
5	TDMA	12	12	20.75	20.86	20.83						
5	TDMA	25	0	20.70	20.73	20.70	21.5	3				
Channel												
Frequency (MHz)				18615	18600	18185						
Frequency (MHz)				18515	18500	18515						
3	QPSK	1	0	23.66	23.67	23.77	24.5	0				
3	QPSK	1	8	23.66	23.66	23.77						
3	QPSK	1	14	23.63	23.74	23.66						
3	QPSK	8	0	22.69	22.81	22.82	23.5	1				
3	QPSK	8	4	22.61	22.75	22.74						
3	QPSK	8	7	22.71	22.85	22.78						
3	QPSK	16	0	22.70	22.84	22.76	23.5	1				
3	TDMA	1	0	23.62	22.86	23.14						
3	TDMA	1	8	23.20	23.37	23.24						
3	TDMA	1	14	22.99	23.06	23.01	22.5	2				
3	TDMA	8	0	21.74	21.83	21.78						
3	TDMA	8	4	21.81	21.82	21.83						
3	TDMA	8	7	21.77	21.88	21.79	22.5	2				
3	TDMA	16	0	21.76	21.83	21.71						
3	TDMA	1	0	21.85	21.88	21.87						
3	TDMA	1	8	21.80	22.05	21.87	22.5	2				
3	TDMA	1	14	21.76	21.96	21.89						
3	TDMA	8	0	20.68	20.82	20.80						
3	TDMA	8	4	20.70	20.89	20.79	21.5	3				
3	TDMA	8	7	20.65	20.83	20.75						
3	TDMA	16	0	20.61	20.74	20.75						
Channel												
Frequency (MHz)				18507 <th>18500</th> <th>18507</th> <th></th> <th></th> <th></th>	18500	18507						
1.4	QPSK	1	0	23.72	23.87	23.85	24.5	0				
1.4	QPSK	1	3	23.71	23.75	23.83						
1.4	QPSK	1	5	23.64	23.72	23.71						
1.4	QPSK	3	0	22.68	22.79	22.72	23.5	1				
1.4	QPSK	3	1	22.68	22.66	22.70						
1.4	QPSK	3	3	22.61	22.65	22.66						
1.4	QPSK	6	0	22.72	22.80	22.76	23.5	1				
1.4	TDMA	1	0	23.61	23.66	23.14						
1.4	TDMA	1	3	23.20	23.35	23.24						
1.4	TDMA	1	5	22.99	23.07	23.06	22.5	1				
1.4	TDMA	3	0	23.63	23.66	23.16						
1.4	TDMA	3	1	23.25	23.30	23.22						
1.4	TDMA	3	3	22.96	23.07	23.03	22.5	2				
1.4	TDMA	6	0	21.70	21.77	21.76						
1.4	TDMA	1	0	21.85	21.86	21.85						
1.4	TDMA	1	3	21.75	22.06	21.84	22.5	2				
1.4	TDMA	1	5	21.80	21.91	21.86						
1.4	TDMA	3	0	21.80	21.87	21.85						
1.4	TDMA	3	1	21.75	22.10	21.85	21.5	3				
1.4	TDMA	3	3	21.78	21.95	21.83						
1.4	TDMA	6	0	20.78	20.83	20.80						



Band 4_Ant 2																
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq. (dBm)	Power Ch./Freq. (dBm)	Power Ch./Freq. (dBm)	Time-slot (ms)	MPE (dB)								
Channel Frequency (MHz)																
20050 20175 20350																
30	QPSK	1	0	24.48	24.43	24.53	25.5	0								
20	QPSK	1	49	24.31	24.43	24.53										
10	QPSK	1	99	24.47	24.41	24.47										
30	QPSK	50	0	23.31	23.60	23.43	24.5	1								
20	QPSK	50	24	23.30	23.58	23.48										
10	QPSK	50	99	23.38	23.30	23.30										
30	QPSK	100	0	23.31	23.47	23.45	24.5	1								
20	QPSK	1	0	23.56	23.78	23.68										
10	QPSK	1	49	23.74	23.76	23.75										
30	QPSK	1	99	23.46	23.38	23.35	23.5	2								
20	QPSK	50	0	23.26	23.30	23.25										
10	QPSK	50	24	23.24	23.42	23.45										
30	QPSK	50	50	23.26	23.21	23.28	22.5	3								
20	QPSK	100	0	23.31	23.31	23.45										
10	QPSK	1	0	23.52	23.05	23.52										
30	QPSK	1	49	23.37	23.81	23.59	22.5	2								
20	QPSK	1	99	23.81	23.71	23.70										
10	QPSK	50	0	21.11	21.40	21.38										
30	QPSK	50	24	21.40	21.38	21.55	22.5	3								
20	QPSK	50	50	21.26	21.28	21.31										
20	QPSK	100	0	21.32	21.38	21.47										
Channel Frequency (MHz)																
1727.5 1729.5 1747.5																
15	QPSK	1	0	24.42	24.40	24.45	25.5	0								
10	QPSK	1	37	24.10	24.30	24.41										
10	QPSK	1	74	24.40	24.20	24.15										
15	QPSK	36	0	23.29	23.91	23.30	24.5	1								
10	QPSK	36	36	23.17	23.30	23.38										
10	QPSK	36	37	23.27	23.37	23.38										
15	QPSK	70	0	23.24	23.28	23.27	24.5	1								
10	QPSK	70	37	23.24	23.28	23.27										
10	QPSK	70	38	23.42	23.38	23.41										
15	QPSK	1	37	23.63	23.60	23.61	24.5	1								
10	QPSK	1	74	23.72	23.64	23.64										
10	QPSK	1	99	23.70	23.65	23.65										
15	QPSK	36	0	23.15	23.29	23.42	23.5	2								
10	QPSK	36	37	23.15	23.29	23.31										
10	QPSK	36	38	23.22	23.20	23.22										
15	QPSK	70	0	23.18	23.27	23.29	22.5	2								
10	QPSK	70	37	23.22	23.20	23.22										
10	QPSK	70	38	23.40	23.36	23.39										
15	QPSK	1	0	23.44	23.62	23.45	23.5	2								
10	QPSK	1	37	23.62	23.62	23.63										
10	QPSK	1	74	23.50	23.01	23.22										
15	QPSK	36	0	21.00	21.26	21.30	22.5	3								
10	QPSK	36	37	21.26	21.34	21.46										
10	QPSK	36	38	21.17	21.17	21.15										
15	QPSK	70	0	21.22	21.24	21.41	22.5	3								
Channel Frequency (MHz)																
1712.5 1712.5 1712.5																
5	QPSK	1	0	24.38	24.44	24.36	25.5	0								
10	QPSK	1	26	24.30	24.38	24.38										
10	QPSK	1	49	24.34	24.30	24.11										
10	QPSK	26	0	23.18	23.41	23.41	24.5	1								
10	QPSK	26	12	23.18	23.32	23.32										
10	QPSK	26	13	23.19	23.32	23.32										
10	QPSK	26	26	23.22	23.26	23.20	24.5	1								
10	QPSK	26	27	23.26	23.31	23.26										
10	QPSK	26	28	23.50	23.71	23.59										
10	QPSK	1	26	23.84	23.70	23.65	24.5	1								
10	QPSK	1	49	23.84	23.65	23.65										
10	QPSK	1	99	23.13	23.28	23.30										
10	QPSK	26	12	23.22	23.32	23.37	23.5	2								
10	QPSK	26	13	23.22	23.32	23.37										
10	QPSK	26	26	23.22	23.32	23.37										
10	QPSK	50	0	21.03	21.32	21.41	22.5	3								
10	QPSK	25	12	21.26	21.34	21.46										
10	QPSK	25	13	21.26	21.34	21.46										
10	QPSK	50	0	21.37	21.41	21.42	22.5	3								
Channel Frequency (MHz)																
19975 20175 20350																
5	QPSK	1	0	24.31	24.40	24.40	25.5	0								
5	QPSK	1	24	24.26	24.40	24.41										
5	QPSK	1	49	24.30	24.28	24.08										
5	QPSK	12	0	23.17	23.43	23.29	24.5	1								
5	QPSK	12	13	23.17	23.32	23.32										
5	QPSK	12	13	23.21	23.26	23.25										
5	QPSK	25	0	23.19	23.38	23.37	24.5	1								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	24.5	1								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	23.5	2								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	2								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37	22.5	3								
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1	10	23.18	23.38	23.37										
5	QPSK	1														

Band 7_Ant 2																
SR [MHz]	Modulation	RB Size	RB Offset	Power Lvl Ch./Freq.	Power Margin Ch./Freq.	Power Tgt Ch./Freq.	Time-to- live (sec)	MFR (dB)								
Channel																
Frequency (MHz)																
20	QPSK	1	0	24.80	24.73	24.88	25.0	0								
20	QPSK	1	49	24.56	24.37	24.36										
20	QPSK	1	99	24.58	24.34	24.50										
20	QPSK	50	0	23.26	23.31	23.29										
20	QPSK	50	24	23.27	23.47	23.30	24.0	1								
20	QPSK	50	50	23.12	23.45	23.31										
20	QPSK	100	0	23.21	23.44	23.35										
20	HEGAM	1	0	23.48	23.58	23.39										
20	HEGAM	1	49	23.47	23.09	23.37	24.0	1								
20	HEGAM	1	99	23.44	23.58	23.29										
20	HEGAM	50	0	22.18	22.32	22.30										
20	HEGAM	50	24	22.15	22.35	22.25										
20	HEGAM	50	50	22.28	22.40	22.39	23.0	2								
20	HEGAM	100	0	22.32	22.31	22.28										
20	HEGAM	1	0	21.80	22.28	22.07										
20	HEGAM	1	49	22.25	22.39	22.21										
20	HEGAM	1	99	22.29	22.35	22.02	23.0	2								
20	HEGAM	50	0	21.45	21.78	21.74										
20	HEGAM	50	24	21.64	21.58	21.53										
20	HEGAM	50	50	21.75	21.71	21.63										
20	HEGAM	100	0	21.85	21.62	21.79	22.0	3								
Channel																
Frequency (MHz)																
15	QPSK	1	0	24.20	24.70	24.40	25.0	0								
15	QPSK	1	37	24.21	24.47	24.43										
15	QPSK	1	74	24.28	24.41	24.31										
15	QPSK	36	0	23.28	23.54	23.34										
15	QPSK	36	20	23.27	23.49	23.35	24.0	1								
15	QPSK	36	36	23.31	23.52	23.35										
15	QPSK	75	0	23.23	23.47	23.30										
15	HEGAM	1	0	23.51	23.72	23.45										
15	HEGAM	1	37	23.48	23.70	23.48	24.0	1								
15	HEGAM	1	74	23.49	23.84	23.35										
15	HEGAM	36	0	22.27	22.39	22.42										
15	HEGAM	36	20	22.25	22.45	22.30										
15	HEGAM	36	36	22.36	22.48	22.46	23.0	2								
15	HEGAM	75	0	22.31	22.40	22.35										
15	HEGAM	1	0	22.00	22.31	22.16										
15	HEGAM	1	37	22.30	22.38	22.27										
15	HEGAM	1	74	22.34	22.45	22.09	23.0	2								
15	HEGAM	36	0	21.25	21.88	21.70										
15	HEGAM	36	20	21.76	21.64	21.62										
15	HEGAM	36	36	21.82	21.62	21.71										
15	HEGAM	75	0	21.64	21.67	21.84	22.0	3								
Channel																
Frequency (MHz)																
10	QPSK	1	0	24.00	24.87	24.40	25.0	0								
10	QPSK	1	25	24.25	24.44	24.43										
10	QPSK	1	49	24.25	24.44	24.38										
10	QPSK	25	0	23.27	23.53	23.30										
10	QPSK	25	12	23.26	23.48	23.35	24.0	1								
10	QPSK	25	25	23.21	23.54	23.36										
10	QPSK	50	0	23.24	23.40	23.31										
10	HEGAM	1	0	23.54	23.73	23.45										
10	HEGAM	1	25	23.51	23.79	23.43	24.0	1								
10	HEGAM	1	49	23.54	23.85	23.38										
10	HEGAM	25	0	22.24	22.37	22.37										
10	HEGAM	25	12	22.22	22.43	22.32										
10	HEGAM	25	25	22.26	22.47	22.40	23.0	2								
10	HEGAM	50	0	22.27	22.45	22.36										
10	HEGAM	1	0	21.97	22.32	22.10										
10	HEGAM	1	25	22.20	22.35	22.20										
10	HEGAM	1	49	22.34	22.41	22.11	23.0	2								
10	HEGAM	25	0	21.51	21.84	21.84										
10	HEGAM	25	12	21.71	21.85	21.89										
10	HEGAM	25	25	21.81	21.82	21.71										
10	HEGAM	50	0	21.80	21.70	21.84	22.0	3								
Channel																
Frequency (MHz)																
5	QPSK	1	0	24.20	24.88	24.43	25.0	0								
5	QPSK	1	12	24.20	24.43	24.41										
5	QPSK	1	24	24.20	24.44	24.38										
5	QPSK	12	0	23.30	23.53	23.32										
5	QPSK	12	7	23.31	23.40	23.30	24.0	1								
5	QPSK	12	13	23.20	23.50	23.30										
5	QPSK	25	0	23.22	23.47	23.35										
5	HEGAM	1	0	23.46	23.73	23.44										
5	HEGAM	1	12	23.46	23.78	23.46	24.0	1								
5	HEGAM	1	24	23.51	23.63	23.38										
5	HEGAM	12	0	22.23	22.32	22.20										
5	HEGAM	12	7	22.02	22.41	22.31										
5	HEGAM	12	13	22.34	22.48	22.46	23.0	2								
5	HEGAM	25	0	22.26	22.38	22.23										
5	HEGAM	1	0	21.97	22.34	22.08										
5	HEGAM	1	12	22.30	22.37	22.27										
5	HEGAM	1	24	22.26	22.43	22.11	23.0	2								
5	HEGAM	12	0	21.54	21.85	21.79										
5	HEGAM	12	7	21.73	21.84	21.80										
5	HEGAM	12	13	21.80	21.80	21.89										
5	HEGAM	25	0	21.81	21.87	21.85	22.0	3								

Band 7_Ant 3											
SR [MHz]	Modulation	RB Size	RB Offset	Power Lvl Ch./Freq.	Power Margin Ch./Freq.	Power Tgt Ch./Freq.	Time-to- live (sec)	MFR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	24.28	24.30	24.22	25.0	0			
20	QPSK	1	49	24.24	24.15	24.12					
20	QPSK	1	99	24.18	24.28	24.11					
20	QPSK	50	0	23.22	23.38	23.30					
20	QPSK	50	24	23.23	23.50	23.38	24.0	1			
20	QPSK	50	50	23.17	23.20	23.12					
20	QPSK	100	0	23.14	23.32	23.19					
20	HEGAM	1	0	23.50	23.72	23.47					
20	HEGAM	1	49	23.97	23.35	23.42	24.0	1			
20	HEGAM	1	99	24.07	23.92	23.68	23.0	2			
20	HEGAM	50	0	22.05	22.31	22.25					
20	HEGAM	50	24	22.06	22.38	22.26					
20	HEGAM	100	0	22.17	22.42	22.37					
20	HEGAM	100	24	22.18	22.45	22.41	22.0	3			
20	HEGAM	1	0	22.10	22.46	22.44					
20	HEGAM	1	49	21.93	22.68	22.28					
20	HEGAM	1	99	22.00	22.51	22.25					
20	HEGAM	50	0	21.16	21.26	21.13	22.0	3			
20	HEGAM	50	24	21.28	21.24	21.13					
20	HEGAM	100	0	21.41	21.21	21.13					
20	HEGAM	100	0	21.24	21.34	21.28					
Channel											
Frequency (MHz)											
15	QPSK	1	0	23.84	24.17	23.36	25.0	0			
15	QPSK	1	37	23.84	24.07	24.08					
15	QPSK	1	74	23.84	24.07	24.08					
15	QPSK	50	0	23.14	23.19	23.23					
15	QPSK	50	25	23.13	23.22	23.25	24.0	1			
15	QPSK	50	50	23.15	23.25	23.23					
15	QPSK	75	0	23.02	23.23	23.23					
15	HEGAM	1	0	23.42	23.68	23.37					
15	HEGAM	1	37	23.43	23.64	23.39	23.0	2			
15	HEGAM	1	74	23.41	23.67	23.58					
15	HEGAM	50	0	22.01	22.18	22.21					
15	HEGAM	50	25	22.05	22.17	22.20					
15	HEGAM	50	50	22.03	22.26	22.25	22.0	3			
15	HEGAM	75	0	22.09	22.34	22.17					
15	HEGAM	1	37	21.84	22.59	22.22					
15	HEGAM	1	74	21.85	22.59	22.22					
15	HEGAM	50	0	21.04	21.14	21.10	22.0	3			
15	HEGAM	50	25	21.11	21.07	21.17					
15	HEGAM	50	50	21.08	21.12	21.12					
15	HEGAM	75	0	21.14	21.28	21.17					
Channel											
Frequency (MHz)											
10	QPSK	1	0	23.79	24.25	23.97	25.0	0			
10	QPSK	1	25	23.83	24.12	24.01					
10	QPSK	1	50	23.83	24.12	24.01					
10	QPSK	25	0	23.08	23.35	23.28					
10	QPSK	25	12	23.11	23.21	23.19	24.0	1			
10	QPSK	50	0	23.05	23.18	23.18					
10	HEGAM	1	0	23.39	23.11	23.30					
10	HEGAM	1	25	23.35	23.51	23.39					
10	HEGAM	1	50	23.37	23.51	23.39	24.0	1			
10	HEGAM	1	49	23.41	23.62	23.53					
10	HEGAM	25	0	21.99	22.18	22.16					
10	HEGAM	50	0	22.07	22.20	22.19					
10	HEGAM	50	25	22.07	22.21	22.19	23.0	2			
10	HEGAM	1	25	22.05	22.60	22.14					
10	HEGAM	1	49	22.38	22.41	22.29					
10	HEGAM	1	74	21.03	21.12	21.10					
10	HEGAM	25	12	21.16	21.17	21.14	22.0	3			
10	HEGAM	25	25	21.17	21.21	21.17					
10	HEGAM	50	0	21.11	21.29	21.17					
10	HEGAM	50	25	21.08	21.27	21.15					
Channel											
Frequency (MHz)											
5	QPSK	1	0	23.79	24.18	24.04	25.0	0			
5	QPSK	1	12	23.84	23.97	24.04					
5	QPSK	1	25	23.85	24.17	24.08					
5	QPSK	1	37	23.97	24.28	24.19					
5	QPSK	14	7	23.04	23.22	23.26	24.0	1			
5	HEGAM	1	12	23.10	23.13	23.25					
5	HEGAM	1	25	23.04	23.28	23.24					
5	HEGAM	1	36	23.43	23.69	23.23					
5	HEGAM	14	7	23.15	23.14	23.24	24.0	1			
5	HEGAM	1	24	23.39	23.91	23.48					
5	HEGAM	12	0	21.96	22.18	22.25					
5	HEGAM	12	12	22.02	22.24	22.28					
5	HEGAM	12	15	21.98	22.32	22.34	23.0	2			
5	HEGAM	25	0	22.06	22.17	22.26					
5	HEGAM	1	12	21.96	22.59	22.24					
5	HEGAM	1	24	22.41	22.31	22.38					
5	HEGAM	1	36	21.16	21.17	21.18	22.0	3			
5	HEGAM	12	7	21.20	21.18	21.18					
5	HEGAM	12	15	21.12	21.27	21.28					
5	HEGAM	12	25	21.10	21.16	21.20					

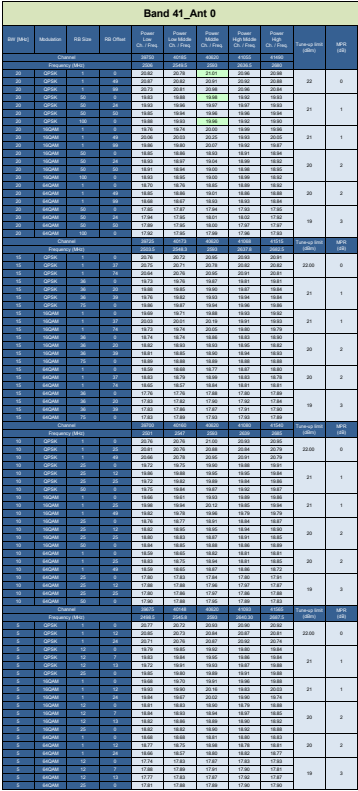


Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Time-slot (sec)	MPN (dB)	
Channel Frequency (MHz)									
23000									
707.5									
10	QPSK	1	0	24.88	24.88	24.87	25.5	0	
10	QPSK	1	25	24.82	24.88	24.89			
10	QPSK	1	49	24.78	24.75	24.86			
10	QPSK	25	0	23.84	23.87	23.84	24.5	1	
10	QPSK	25	25	23.80	23.80	23.87			
10	QPSK	25	50	23.84	23.82	23.81			
10	16QAM	1	0	25.51	25.56	25.52	24.5	1	
10	16QAM	1	25	25.12	25.15	25.19			
10	16QAM	1	49	24.93	24.96	24.97			
10	16QAM	25	0	23.80	23.82	23.82	23.5	2	
10	16QAM	25	12	23.84	23.87	23.85			
10	16QAM	25	25	22.87	22.87	22.84			
10	16QAM	1	0	22.84	22.88	22.92	23.5	2	
10	16QAM	1	25	23.01	23.12	23.45			
10	16QAM	1	49	23.00	23.03	23.05			
10	16QAM	25	0	21.12	21.87	21.98	22.5	3	
10	16QAM	25	12	22.00	21.86	21.86			
10	16QAM	25	25	22.00	21.87	22.02			
10	16QAM	50	0	21.92	21.87	22.05			
Channel Frequency (MHz)									
707.5									
5	QPSK	1	0	24.05	24.75	24.64	25.5	0	
5	QPSK	1	12	24.70	24.70	24.70			
5	QPSK	1	25	24.70	24.60	24.73			
5	QPSK	12	0	23.75	23.80	23.71	24.5	1	
5	QPSK	12	7	23.80	23.88	23.80			
5	QPSK	12	15	23.84	23.86	23.86			
5	QPSK	25	0	23.07	23.03	23.00	24.5	1	
5	16QAM	1	0	24.22	23.81	24.07			
5	16QAM	1	25	24.03	24.00	24.00			
5	16QAM	1	24	23.19	24.30	24.30	24.5	1	
5	16QAM	12	0	22.77	22.80	22.87			
5	16QAM	12	7	22.84	22.87	22.86			
5	16QAM	12	15	22.88	22.91	23.00	23.5	2	
5	16QAM	25	0	22.95	23.00	22.87			
5	16QAM	1	0	22.92	23.07	23.38			
5	16QAM	1	24	22.87	22.80	22.84	22.5	3	
5	16QAM	12	0	21.83	21.87	21.85			
5	16QAM	12	7	21.84	21.83	21.79			
5	16QAM	12	15	21.95	21.85	21.82			
5	16QAM	25	0	21.80	21.80	21.84			
Channel Frequency (MHz)									
707.5									
3	QPSK	1	0	24.00	24.70	24.50	25.5	0	
3	QPSK	1	8	24.74	24.72	24.70			
3	QPSK	1	14	24.74	24.68	24.74			
3	QPSK	8	0	23.88	23.91	23.78	24.5	1	
3	QPSK	8	4	23.92	23.94	23.92			
3	QPSK	8	7	23.80	23.84	23.81			
3	QPSK	16	0	23.73	23.86	23.86	24.5	1	
3	16QAM	1	0	24.22	23.84	24.10			
3	16QAM	1	8	24.01	24.04	24.03			
3	16QAM	1	14	23.84	23.83	23.81	23.5	2	
3	16QAM	8	0	22.88	22.82	22.86			
3	16QAM	8	4	22.94	22.82	22.85			
3	16QAM	16	0	23.00	22.93	22.96	23.5	2	
3	16QAM	1	0	22.71	23.21	23.80			
3	16QAM	1	8	22.89	23.03	23.38			
3	16QAM	1	14	22.89	22.92	22.84	22.5	3	
3	16QAM	8	0	21.89	21.83	21.84			
3	16QAM	8	4	21.89	21.83	21.71			
3	16QAM	8	7	22.01	21.88	21.88			
3	16QAM	15	0	21.76	21.80	21.86			
Channel Frequency (MHz)									
860.7									
707.5									
1.4	QPSK	1	0	24.07	24.70	24.52	25.5	0	
1.4	QPSK	1	8	24.70	24.71	24.70			
1.4	QPSK	1	9	24.73	24.71	24.69			
1.4	QPSK	3	0	24.41	24.54	24.41	24.5	1	
1.4	QPSK	3	3	24.60	24.57	24.71			
1.4	QPSK	3	3	24.58	24.60	24.65			
1.4	QPSK	6	0	23.72	23.83	23.52	24.5	1	
1.4	16QAM	1	0	24.01	23.62	24.03			
1.4	16QAM	1	3	24.04	24.10	24.02			
1.4	16QAM	1	5	24.25	24.41	24.42	24.5	1	
1.4	16QAM	3	0	24.15	23.68	23.84			
1.4	16QAM	3	1	23.80	23.94	24.01			
1.4	16QAM	3	3	24.14	24.32	24.34	23.5	2	
1.4	16QAM	6	0	23.00	22.87	23.03			
1.4	16QAM	1	0	22.83	23.30	23.88			
1.4	16QAM	1	3	22.80	23.07	23.35	23.5	2	
1.4	16QAM	1	5	22.81	22.87	22.85			
1.4	16QAM	3	0	22.86	23.12	22.83			
1.4	16QAM	3	1	22.76	22.87	23.20	22.5	3	
1.4	16QAM	3	3	22.73	22.80	22.70			
1.4	16QAM	6	0	21.79	21.88	21.80			

Band 12_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Time-slot (sec)	MPN (dB)	
Channel Frequency (MHz)									
23000									
707.5									
10	QPSK	1	0	24.08	24.18	23.93	25.5	0	
10	QPSK	1	25	24.10	23.91	24.00			
10	QPSK	1	49	24.03	23.88	24.14			
10	QPSK	25	0	22.94	23.17	23.08	24.5	1	
10	QPSK	25	12	23.18	23.16	23.13			
10	QPSK	25	25	23.14	23.12	23.11			
10	QPSK	50	0	23.04	23.08	23.07	24.5	1	
10	16QAM	1	0	25.08	25.02	25.07			
10	16QAM	1	25	25.49	25.51	25.50			
10	16QAM	1	49	25.51	24.86	23.63	23.5	2	
10	16QAM	25	0	21.03	21.86	21.81			
10	16QAM	25	12	22.21	22.10	21.98			
10	16QAM	25	25	22.24	22.13	22.15	23.5	2	
10	16QAM	50	0	22.22	22.18	22.16			
10	16QAM	1	0	22.09	22.09	21.88			
10	16QAM	1	25	22.38	22.34	22.22	23.5	2	
10	16QAM	1	49	22.28	22.31	22.36			
10	16QAM	25	0	21.03	21.86	21.81			
10	16QAM	25	12	21.17	21.89	21.98	22.5	3	
10	16QAM	25	25	21.13	21.13	21.80			
10	16QAM	50	0	21.19	20.87	21.18			
Channel Frequency (MHz)									
707.5									
5	QPSK	1	0	23.92	23.95	23.75	25.5	0	
5	QPSK	1	12	23.99	23.90	23.91			
5	QPSK	1	24	23.98	23.81	24.08			
5	QPSK	12	0	22.91	23.08	22.97	24.5	1	
5	QPSK	12	7	22.98	22.97	23.02			
5	QPSK	12	15	23.00	23.06	23.07			
5	QPSK	25	0	22.89	22.93	22.93	24.5	1	
5	16QAM	1	0	23.94	23.91	23.14			
5	16QAM	1	25	23.90	23.86	23.90			
5	16QAM	1	24	23.44	23.52	23.48	23.5	2	
5	16QAM	12	0	21.89	22.03	21.99			
5	16QAM	12	7	22.03	22.03	21.80			
5	16QAM	12	15	22.13	22.06	22.02	23.5	2	
5	16QAM	25	0	22.11	21.91	21.98			
5	16QAM	1	12	22.08	22.24	22.11	22.5	3	
5	16QAM	1	24	22.13	22.13	22.13			
5	16QAM	12	0	20.92	20.92	20.94			
5	16QAM	12	7	21.01	21.01	20.98	22.5	3	
5	16QAM	12	15	21.03	21.03	21.03			
5	16QAM	25	0	21.04	20.79	21.01			
Channel Frequency (MHz)									
707.5									
3	QPSK	1	0	23.98	24.01	23.95	25.5	0	
3	QPSK	1	8	23.96	23.83	23.97			
3	QPSK	1	16	23.95	23.80	24.00			
3	QPSK	8	0	22.93	23.10	22.94	24.5	1	
3	QPSK	8	4	22.95	22.94	22.98			
3	QPSK	8	8	22.96	22.93	22.97			
3	QPSK	16	0	22.91	23.01	22.98	24.5	1	
3	16QAM	1	0	23.95	23.93	23.13			
3	16QAM	1	8	23.94	23.81	24.01			
3	QPSK	1	14	23.94	23.81	24.01	24.5	1	
3	16QAM	8	0	21.93	22.04	21.99			
3	16QAM	8	4	22.07	22.07	21.81			
3	QPSK	8	7	22.19	22.13	22.05	23.5	2	
3	16QAM	16	0	22.16	21.81	22.08			
3	16QAM	16	4	22.17	21.81	21.82			
3	QPSK	1	14	22.06	22.06	22.47	22.5	3	
3	16QAM	8	0	20.96	20.96	20.96			
3	16QAM	8	4	21.14	20.98	20.91			
3	16QAM	16	0	21.08	20.94	21.00			
Channel Frequency (MHz)									
707.5									
1.4	QPSK	1	0	23.92	23.95	23.86	25.5	0	
1.4	QPSK	1	3	23.92	23.77	23.93			
1.4	QPSK	1	6	23.90	23.79	23.93			
1.4	QPSK	3	0	22.91	23.02	22.96	24.5	1	
1.4	QPSK	3	3	22.91	22.91	22.96			
1.4	QPSK	3	6	22.94	23.04	23.05			
1.4	QPSK	6	0	22.89	22.90	22.92	24.5	1	
1.4	QPSK	6	3	22.91	22.91	22.91			
1.4	QPSK	6	6	22.95	23.02	23.15			
1.4	16QAM	1	0	23.94	23.91	23.86	24.5	1	
1.4	16QAM	1	3	23.90	23.88	23.92			
1.4	16QAM	1	6	23.40	23.48	23.47			
1.4	16QAM	3	0	21.42	21.42	21.30	23.5	2	
1.4	16QAM	3	3	21.42	21.42	21.30			
1.4	16QAM	3	6	21.45	21.45	21.33			
1.4	16QAM	6	0	23.25	23.48	23.32	23.5	2	
1.4	16QAM	6	3	22.09	21.88	22.05			
1.4	16QAM	6	6	22.05	21.88	21.93			
1.4	16QAM	1	3	23.30	23.18	23.13	23.5	2	
1.4	16QAM	1	6	22.14	22.27	22.45			
1.4	16QAM	1	9	22.14	22.27	22.45			
1.4	16QAM	3	3	21.38	21.48	21.58	22.5	3	
1.4	16QAM	3	6	21.38	21.48	21.58			
1.4	16QAM	3	9	21.38	21.48	21.58			
1.4	16QAM	6	6	22.06	22.11	22.10	22.5	3	
1.4	16QAM	6	9	22.06	22.11	22.10			
1.4	16QAM	6	12	22.06	22.11	22.10			

Band 17_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch./Freq.	Power Margin Ch./Freq.	Power Top Ch./Freq.	Time-up rate (dB)	MFR (dB)	
Channel				23780	23790	23800			
10	QPSK	1	0	24.06	24.07	24.02	25.5	0	
10	QPSK	1	25	24.27	24.09	24.08			
10	QPSK	1	49	24.06	24.08	24.01			
10	QPSK	25	0	23.07	23.08	23.02	24.5	1	
10	QPSK	25	12	23.01	23.07	23.00			
10	QPSK	25	25	23.05	23.07	23.03			
10	16QAM	1	0	24.04	24.06	24.03	24.5	1	
10	16QAM	1	25	24.28	24.07	24.11			
10	16QAM	1	49	24.27	24.06	24.00			
10	16QAM	25	0	23.05	23.06	23.00	23.5	2	
10	16QAM	25	12	22.97	23.10	22.86			
10	16QAM	25	25	22.01	22.89	22.89			
10	84QAM	1	0	23.04	23.09	23.00	23.5	2	
10	84QAM	1	25	22.85	23.16	22.88			
10	84QAM	1	49	23.26	22.05	23.26			
10	84QAM	25	0	22.05	21.96	21.91	22.5	3	
10	84QAM	25	12	22.08	22.08	22.00			
10	84QAM	25	25	21.03	21.10	21.01			
10	84QAM	50	0	22.01	22.02	22.00			
Channel				23785	23790	23805	Time-up rate (dB)	MFR (dB)	
Frequency (MHz)				23785	23790	23805			
5	QPSK	1	0	24.62	24.61	24.61	25.5	0	
5	QPSK	1	12	24.68	24.74	24.71			
5	QPSK	1	24	24.57	24.60	24.84			
5	QPSK	12	0	23.78	23.81	23.81	24.5	1	
5	QPSK	12	7	23.82	23.81	23.88			
5	QPSK	12	13	23.76	23.76	23.81			
5	QPSK	25	0	23.79	23.82	23.82	24.5	1	
5	16QAM	1	0	23.01	24.05	24.26			
5	16QAM	1	12	24.16	24.16	24.01			
5	16QAM	1	24	24.21	24.31	24.48	23.5	2	
5	16QAM	12	0	22.03	22.76	22.98			
5	16QAM	12	13	22.05	22.83	22.88			
5	16QAM	25	0	22.03	22.85	22.80	23.5	2	
5	84QAM	1	0	23.43	23.02	23.43			
5	84QAM	1	12	22.75	23.80	22.76			
5	84QAM	1	24	23.13	22.47	23.14	22.5	3	
5	84QAM	12	0	21.89	21.03	21.82			
5	84QAM	12	7	21.83	22.82	21.87			
5	84QAM	12	13	21.86	21.77	21.76	22.5	3	
5	84QAM	25	0	21.87	21.87	21.80			

Band 17_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Margin Ch. / Freq.	Power Top Ch. / Freq.	Time-up rate (min)	LMT (dB)	
Channel				23790	23790	23800			
Frequency (MHz)									
10	QPSK	1	0	24.05	24.04	23.97	25.5	0	
10	QPSK	1	25	24.21	24.05	24.04			
10	QPSK	1	49	24.13	24.19	24.22			
10	QPSK	25	0	23.13	23.24	23.12	24.5	1	
10	QPSK	25	12	23.22	23.22	23.16			
10	QPSK	25	25	23.15	23.23	23.15			
10	QPSK	50	0	23.24	23.25	23.17	24.5	1	
10	16QAM	1	0	23.69	23.69	23.34			
10	16QAM	1	25	23.83	23.25	23.30			
10	16QAM	1	49	23.62	23.85	23.47	23.5	2	
10	16QAM	25	0	22.26	22.10	22.11			
10	16QAM	25	12	22.43	22.25	22.07			
10	16QAM	25	25	22.23	22.38	22.19	23.5	2	
10	16QAM	50	0	22.05	22.34	22.37			
10	84QAM	1	0	22.48	22.48	22.52	23.5	2	
10	84QAM	1	25	22.24	22.25	22.47			
10	84QAM	1	49	22.48	22.27	22.45			
10	84QAM	25	0	21.15	21.18	21.17	22.5	3	
10	84QAM	25	12	21.27	21.23	21.12			
10	84QAM	25	25	21.13	21.22	21.21			
10	84QAM	50	0	21.22	21.23	21.31			
Channel				23795	23795	23805	Time-up rate (min)	LMT (dB)	
Frequency (MHz)									
5	QPSK	1	0	23.94	24.10	23.90	25.5	0	
5	QPSK	1	12	24.07	23.87	23.89			
5	QPSK	1	24	24.07	24.08	24.15			
5	QPSK	12	0	22.97	23.09	22.97	24.5	1	
5	QPSK	12	7	23.08	23.11	23.07			
5	QPSK	12	13	23.08	23.10	23.04			
5	QPSK	25	0	23.16	23.09	23.10	24.5	1	
5	16QAM	1	0	23.63	22.80	23.28			
5	16QAM	1	12	23.73	23.30	23.28			
5	16QAM	1	24	23.58	23.74	23.20	23.5	2	
5	16QAM	12	0	22.15	22.81	22.06			
5	16QAM	12	13	22.15	22.10	22.10			
5	16QAM	25	0	22.15	22.14	22.11	23.5	2	
5	84QAM	1	0	22.92	22.96	22.40			
5	84QAM	1	12	22.11	22.12	22.01			
5	84QAM	1	24	22.39	22.14	22.01	22.5	3	
5	84QAM	12	0	21.10	21.12	21.09			
5	84QAM	12	7	21.17	21.08	20.98			
5	84QAM	12	13	21.10	21.14	21.14	22.5	3	
5	84QAM	25	0	21.11	21.13	21.21			



Band 41_Ant 1																				
RF (GHz)	Modulation	BS Data	BS Offset	Power (dBm) 1-2	Power (dBm) 3-4	Power (dBm) 5-6	Power (dBm) 7-8	Power (dBm) 9-10	Power (dBm) 11-12	Power (dBm) 13-14	Power (dBm) 15-16	Power (dBm) 17-18	Power (dBm) 19-20	Power (dBm) 21-22	Power (dBm) 23-24	Power (dBm) 25-26	Power (dBm) 27-28	Power (dBm) 29-30	Power (dBm) 31-32	
Channel				2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
2500	OFDM	1	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	2	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	3	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	4	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	5	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	6	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	7	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	8	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	9	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	10	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	11	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	12	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	13	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	14	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	15	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	16	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	17	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	18	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	19	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	20	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	21	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	22	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	23	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	24	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	25	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	26	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	27	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	28	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	29	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	30	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	31	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	32	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	33	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	34	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	35	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	36	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	37	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	38	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	39	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	40	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	41	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	42	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	43	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	44	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	45	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	46	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	47	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	48	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	49	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	50	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	51	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	52	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	53	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	54	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	55	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	56	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	57	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	58	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76
2500	OFDM	59	0	24.76	24.81	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76	24.76					

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Band 42_Ant 5									
Ref. #Ant.	Accession	Est Date	Old Owner	Year from 1900	Year from 1950	Year from 2000	Year from 2050	Yield (kg/ha)	Yield (t/ha)
Fragaria (Ant 5)									
15	OPERA	1	0	184.8	184.8	184.8	184.8	23.7	0
15	OPERA	1	0	185.17	185.17	185.17	185.17		
15	OPERA	1	0	185.76	185.76	185.76	185.76		
15	OPERA	1	0	186.88	186.88	186.88	186.88	24.7	1
15	OPERA	1	0	187.56	187.56	187.56	187.56		
15	OPERA	1	0	188.76	188.76	188.76	188.76		
15	OPERA	1	0	189.76	189.76	189.76	189.76	24.7	1
15	OPERA	1	0	190.76	190.76	190.76	190.76		
15	OPERA	1	0	191.76	191.76	191.76	191.76		
15	OPERA	1	0	192.76	192.76	192.76	192.76	23.7	0
15	OPERA	1	0	193.76	193.76	193.76	193.76		
15	OPERA	1	0	194.76	194.76	194.76	194.76		
15	OPERA	1	0	195.76	195.76	195.76	195.76	23.7	0
15	OPERA	1	0	196.76	196.76	196.76	196.76		
15	OPERA	1	0	197.76	197.76	197.76	197.76		
15	OPERA	1	0	198.76	198.76	198.76	198.76	23.7	0
15	OPERA	1	0	199.76	199.76	199.76	199.76		
15	OPERA	1	0	200.76	200.76	200.76	200.76		
15	OPERA	1	0	201.76	201.76	201.76	201.76	23.7	0
15	OPERA	1	0	202.76	202.76	202.76	202.76		
15	OPERA	1	0	203.76	203.76	203.76	203.76		
15	OPERA	1	0	204.76	204.76	204.76	204.76	23.7	0
15	OPERA	1	0	205.76	205.76	205.76	205.76		
15	OPERA	1	0	206.76	206.76	206.76	206.76		
15	OPERA	1	0	207.76	207.76	207.76	207.76	23.7	0
15	OPERA	1	0	208.76	208.76	208.76	208.76		
15	OPERA	1	0	209.76	209.76	209.76	209.76		
15	OPERA	1	0	210.76	210.76	210.76	210.76	23.7	0
15	OPERA	1	0	211.76	211.76	211.76	211.76		
15	OPERA	1	0	212.76	212.76	212.76	212.76		
15	OPERA	1	0	213.76	213.76	213.76	213.76	23.7	0
15	OPERA	1	0	214.76	214.76	214.76	214.76		
15	OPERA	1	0	215.76	215.76	215.76	215.76		
15	OPERA	1	0	216.76	216.76	216.76	216.76	23.7	0
15	OPERA	1	0	217.76	217.76	217.76	217.76		
15	OPERA	1	0	218.76	218.76	218.76	218.76		
15	OPERA	1	0	219.76	219.76	219.76	219.76	23.7	0
15	OPERA	1	0	220.76	220.76	220.76	220.76		
15	OPERA	1	0	221.76	221.76	221.76	221.76		
15	OPERA	1	0	222.76	222.76	222.76	222.76	23.7	0
15	OPERA	1	0	223.76	223.76	223.76	223.76		
15	OPERA	1	0	224.76	224.76	224.76	224.76		
15	OPERA	1	0	225.76	225.76	225.76	225.76	23.7	0
15	OPERA	1	0	226.76	226.76	226.76	226.76		
15	OPERA	1	0	227.76	227.76	227.76	227.76		
15	OPERA	1	0	228.76	228.76	228.76	228.76	23.7	0
15	OPERA	1	0	229.76	229.76	229.76	229.76		
15	OPERA	1	0	230.76	230.76	230.76	230.76		
15	OPERA	1	0	231.76	231.76	231.76	231.76	23.7	0
15	OPERA	1	0	232.76	232.76	232.76	232.76		
15	OPERA	1	0	233.76	233.76	233.76	233.76		
15	OPERA	1	0	234.76	234.76	234.76	234.76	23.7	0
15	OPERA	1	0	235.76	235.76	235.76	235.76		
15	OPERA	1	0	236.76	236.76	236.76	236.76		
15	OPERA	1	0	237.76	237.76	237.76	237.76	23.7	0
15	OPERA	1	0	238.76	238.76	238.76	238.76		
15	OPERA	1	0	239.76	239.76	239.76	239.76		
15	OPERA	1	0	240.76	240.76	240.76	240.76	23.7	0
15	OPERA	1	0	241.76	241.76	241.76	241.76		
15	OPERA	1	0	242.76	242.76	242.76	242.76		
15	OPERA	1	0	243.76	243.76	243.76	243.76	23.7	0
15	OPERA	1	0	244.76	244.76	244.76	244.76		
15	OPERA	1	0	245.76	245.76	245.76	245.76		
15	OPERA	1	0	246.76	246.76	246.76	246.76	23.7	0
15	OPERA	1	0	247.76	247.76	247.76	247.76		
15	OPERA	1	0	248.76	248.76	248.76	248.76		
15	OPERA	1	0	249.76	249.76	249.76	249.76	23.7	0
15	OPERA	1	0	250.76	250.76	250.76	250.76		
15	OPERA	1	0	251.76	251.76	251.76	251.76		
15	OPERA	1	0	252.76	252.76	252.76	252.76	23.7	0
15	OPERA	1	0	253.76	253.76	253.76	253.76		
15	OPERA	1	0	254.76	254.76	254.76	254.76		
15	OPERA	1	0	255.76	255.76	255.76	255.76	23.7	0
15	OPERA	1	0	256.76	256.76	256.76	256.76		
15	OPERA	1	0	257.76	257.76	257.76	257.76		
15	OPERA	1	0	258.76	258.76	258.76	258.76	23.7	0
15	OPERA	1	0	259.76	259.76	259.76	259.76		
15	OPERA	1	0	260.76	260.76	260.76	260.76		
15	OPERA	1	0	261.76	261.76	261.76	261.76	23.7	0
15	OPERA	1	0	262.76	262.76	262.76	262.76		
15	OPERA	1	0	263.76	263.76	263.76	263.76		
15	OPERA	1	0	264.76	264.76	264.76	264.76	23.7	0
15	OPERA	1	0	265.76	265.76	265.76	265.76		
15	OPERA	1	0	266.76	266.76	266.76	266.76		
15	OPERA	1	0	267.76	267.76	267.76	267.76	23.7	0
15	OPERA	1	0	268.76	268.76	268.76	268.76		
15	OPERA	1	0	269.76	269.76	269.76	269.76		
15	OPERA	1	0	270.76	270.76	270.76	270.76	23.7	0
15	OPERA	1	0	271.76	271.76	271.76	271.76		
15	OPERA	1	0	272.76	272.76	272.76	272.76		
15	OPERA	1	0	273.76	273.76	273.76	273.76	23.7	0
15	OPERA	1	0	274.76	274.76	274.76	274.76		
15	OPERA	1	0	275.76	275.76	275.76	275.76		
15	OPERA	1	0	276.76	276.76	276.76	276.76	23.7	0
15	OPERA	1	0	277.76	277.76	277.76	277.76		
15	OPERA	1	0	278.76	278.76	278.76	278.76		
15	OPERA	1	0	279.76	279.76	279.76	279.76	23.7	0
15	OPERA	1	0	280.76	280.76	280.76	280.76		
15	OPERA	1	0	281.76	281.76	281.76	281.76		
15	OPERA	1	0	282.76	282.76	282.76	282.76	23.7	0
15	OPERA	1	0	283.76	283.76	283.76	283.76		
15	OPERA	1	0	284.76	284.76	284.76	284.76		
15	OPERA	1	0	285.76	285.76	285.76	285.76	23.7	0
15	OPERA	1	0	286.76	286.76	286.76	286.76		
15	OPERA	1	0	287.76	287.76	287.76	287.76		
15	OPERA	1	0	288.76	288.76	288.76	288.76	23.7	0
15	OPERA	1	0	289.76	289.76	289.76	289.76		
15	OPERA	1	0	290.76	290.76	290.76	290.76		
15	OPERA	1	0	291.76	291.76	291.76	291.76	23.7	0
15	OPERA	1	0	292.76	292.76	292.76	292.76		
15	OPERA	1	0	293.76	293.76	293.76	293.76		
15	OPERA	1	0	294.76	294.76	294.76	294.76	23.7	0
15	OPERA	1	0	295.76	295.76	295.76	295.76		
15	OPERA	1	0	296.76	296.76	296.76	296.76		
15	OPERA	1	0	297.76	297.76	297.76	297.76	23.7	0
15	OPERA	1	0	298.76	298.76	298.76	298.76		
15	OPERA	1	0	299.76	299.76	299.76	299.76		
15	OPERA	1	0	300.76	300.76	300.76	300.76	23.7	0
15	OPERA	1	0	301.76	301.76	301.76	301.76		
15	OPERA	1	0	302.76	302.76	302.76	302.76		
15	OPERA	1	0	303.76	303.76	303.76	303.76	23.7	0
15	OPERA	1	0	304.76	304.76	304.76	304.76		
15	OPERA	1	0	305.76	305.76	305.76	305.76		
15	OPERA	1	0	306.76	306.76	306.76	306.76	23.7	0
15	OPERA	1	0	307.76	307.76	307.76	307.76		
15	OPERA	1	0	308.76	308.76	308.76	308.76		
15	OPERA	1	0	309.76	309.76	309.76	309.76	23.7	0
15	OPERA	1	0	310.76	310.76	310.76	310.76		
15	OPERA	1	0	311.76	311.76	311.76	311.76		
15	OPERA	1	0	312.76	312.76	312.76	312.76	23.7	0
15	OPERA	1	0	313.76	313.76	313.76	313.76		
15	OPERA	1	0	314.76	314.76	314.76	314.76		
15	OPERA	1	0	315.76	315.76	315.76	315.76	23.7	0
15	OPERA	1	0	316.76	316.76	316.76	316.76		
15	OPERA	1	0	317.76	317.76	317.76	317.76		
15	OPERA	1	0	318.76	318.76	318.76	318.76	23.7	0
15	OPERA	1	0	319.76	319.76	319.76	319.76		
15	OPERA	1	0	320.76	320.76	320.76	320.76		
15	OPERA	1	0	321.76	321.76	321.76	321.76	23.7	0
15	OPERA	1	0	322.76	322.76	322.76	322.76		
15	OPERA	1	0	323.76	323.76	323.76	323.76		
15	OPERA	1	0	324.76	324.76	324.76	324.76	23.7	0
15	OPERA	1	0	325.76	325.76	325.76	325.76		
15	OPERA	1	0	326.76	326.76	326.76	326.76		
15	OPERA	1	0	327.76	327.76	327.76	327.76	23.7	0
15	OPERA	1	0	328.76	328.76	328.76	328.76		
15	OPERA	1	0	329.76	329.76	329.76	329.76		
15	OPERA	1	0	330.76	330.76	330.76	330.76	23.7	0
15	OPERA	1	0	331.76	331.76	331.76	331.76		
15	OPERA	1	0	332.76	332.76	332.76	332.76		
15	OPERA	1	0	333.76	333.76	333.76	333.76	23.7	0</

Band 42_Ant 6									
Corr (deg)	Frequency	Std. Dev.	Std. Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Frequency (MHz)									
20	OFF	0	0	14.48	14.50	14.51			
20	OFF	1	0	24.43	24.43	24.44	24	0	
20	OFF	2	0	24.48	24.48	24.48			
20	OFF	3	0	24.56	24.57	24.57			
20	OFF	4	0	24.58	24.58	24.58	24	1	
20	OFF	5	0	24.66	24.66	24.66			
20	OFF	6	0	24.70	24.70	24.70			
20	OFF	7	0	24.72	24.72	24.72	24		
20	OFF	8	0	24.74	24.74	24.74			
20	OFF	9	0	24.76	24.76	24.76	24	1	
20	OFF	10	0	24.78	24.78	24.78			
20	OFF	11	0	24.80	24.80	24.80	24	1	
20	OFF	12	0	24.82	24.82	24.82			
20	OFF	13	0	24.84	24.84	24.84			
20	OFF	14	0	24.86	24.86	24.86	24	0	
20	OFF	15	0	24.88	24.88	24.88			
20	OFF	16	0	24.90	24.90	24.90			
20	OFF	17	0	24.92	24.92	24.92	24	0	
20	OFF	18	0	24.94	24.94	24.94			
20	OFF	19	0	24.96	24.96	24.96			
20	OFF	20	0	24.98	24.98	24.98	24	0	
20	OFF	21	0	25.00	25.00	25.00			
20	OFF	22	0	25.02	25.02	25.02	24	0	
20	OFF	23	0	25.04	25.04	25.04			
20	OFF	24	0	25.06	25.06	25.06			
20	OFF	25	0	25.08	25.08	25.08	24	0	
20	OFF	26	0	25.10	25.10	25.10			
20	OFF	27	0	25.12	25.12	25.12	24	0	
20	OFF	28	0	25.14	25.14	25.14			
20	OFF	29	0	25.16	25.16	25.16			
20	OFF	30	0	25.18	25.18	25.18	24	0	
Frequency (MHz)									
15	OFF	1	0	24.45	24.45	24.45			
15	OFF	2	0	24.51	24.50	24.50	24	0	
15	OFF	3	0	24.52	24.51	24.51			
15	OFF	4	0	24.58	24.57	24.57	24	0	
15	OFF	5	0	24.60	24.59	24.59			
15	OFF	6	0	24.62	24.61	24.61			
15	OFF	7	0	24.67	24.65	24.65	24	0	
15	OFF	8	0	24.68	24.67	24.67			
15	OFF	9	0	24.70	24.69	24.69			
15	OFF	10	0	24.72	24.71	24.71	24	0	
15	OFF	11	0	24.73	24.72	24.72			
15	OFF	12	0	24.75	24.74	24.74			
15	OFF	13	0	24.76	24.75	24.75	24	0	
15	OFF	14	0	24.78	24.77	24.77			
15	OFF	15	0	24.79	24.78	24.78			
15	OFF	16	0	24.81	24.80	24.80	24	0	
15	OFF	17	0	24.82	24.81	24.81			
15	OFF	18	0	24.83	24.82	24.82			
15	OFF	19	0	24.84	24.83	24.83	24	0	
15	OFF	20	0	24.85	24.84	24.84			
15	OFF	21	0	24.86	24.85	24.85			
15	OFF	22	0	24.87	24.86	24.86	24	0	
15	OFF	23	0	24.88	24.87	24.87			
15	OFF	24	0	24.89	24.88	24.88			
15	OFF	25	0	24.90	24.89	24.89	24	0	
15	OFF	26	0	24.91	24.90	24.90			
15	OFF	27	0	24.92	24.91	24.91			
15	OFF	28	0	24.93	24.92	24.92	24	0	
15	OFF	29	0	24.94	24.93	24.93			
15	OFF	30	0	24.95	24.94	24.94			
15	OFF	31	0	24.96	24.95	24.95	24	0	
15	OFF	32	0	24.97	24.96	24.96			
15	OFF	33	0	24.98	24.97	24.97			
15	OFF	34	0	24.99	24.98	24.98	24	0	
15	OFF	35	0	25.00	25.00	25.00			
15	OFF	36	0	25.01	25.01	25.01	24	0	
15	OFF	37	0	25.02	25.02	25.02			
15	OFF	38	0	25.03	25.03	25.03			
15	OFF	39	0	25.04	25.04	25.04	24	0	
15	OFF	40	0	25.05	25.05	25.05			
15	OFF	41	0	25.06	25.06	25.06			
15	OFF	42	0	25.07	25.07	25.07	24	0	
15	OFF	43	0	25.08	25.08	25.08			
15	OFF	44	0	25.09	25.09	25.09			
15	OFF	45	0	25.10	25.10	25.10	24	0	
15	OFF	46	0	25.11	25.11	25.11			
15	OFF	47	0	25.12	25.12	25.12			
15	OFF	48	0	25.13	25.13	25.13	24	0	
15	OFF	49	0	25.14	25.14	25.14			
15	OFF	50	0	25.15	25.15	25.15			
15	OFF	51	0	25.16	25.16	25.16	24	0	
15	OFF	52	0	25.17	25.17	25.17			
15	OFF	53	0	25.18	25.18	25.18			
15	OFF	54	0	25.19	25.19	25.19	24	0	
15	OFF	55	0	25.20	25.20	25.20			
15	OFF	56	0	25.21	25.21	25.21			
15	OFF	57	0	25.22	25.22	25.22	24	0	
15	OFF	58	0	25.23	25.23	25.23			
15	OFF	59	0	25.24	25.24	25.24			
15	OFF	60	0	25.25	25.25	25.25	24	0	
15	OFF	61	0	25.26	25.26	25.26			
15	OFF	62	0	25.27	25.27	25.27			
15	OFF	63	0	25.28	25.28	25.28	24	0	
15	OFF	64	0	25.29	25.29	25.29			
15	OFF	65	0	25.30	25.30	25.30			
15	OFF	66	0	25.31	25.31	25.31	24	0	
15	OFF	67	0	25.32	25.32	25.32			
15	OFF	68	0	25.33	25.33	25.33			
15	OFF	69	0	25.34	25.34	25.34	24	0	
15	OFF	70	0	25.35	25.35	25.35			
15	OFF	71	0	25.36	25.36	25.36			
15	OFF	72	0	25.37	25.37	25.37	24	0	
15	OFF	73	0	25.38	25.38	25.38			
15	OFF	74	0	25.39	25.39	25.39			
15	OFF	75	0	25.40	25.40	25.40	24	0	
15	OFF	76	0	25.41	25.41	25.41			
15	OFF	77	0	25.42	25.42	25.42			
15	OFF	78	0	25.43	25.43	25.43	24	0	
15	OFF	79	0	25.44	25.44	25.44			
15	OFF	80	0	25.45	25.45	25.45			
15	OFF	81	0	25.46	25.46	25.46	24	0	
15	OFF	82	0	25.47	25.47	25.47			
15	OFF	83	0	25.48	25.48	25.48			
15	OFF	84	0	25.49	25.49	25.49	24	0	
15	OFF	85	0	25.50	25.50	25.50			
15	OFF	86	0	25.51	25.51	25.51			
15	OFF	87	0	25.52	25.52	25.52	24	0	
15	OFF	88	0	25.53	25.53	25.53			
15	OFF	89	0	25.54	25.54	25.54			
15	OFF	90	0	25.55	25.55	25.55	24	0	
15	OFF	91	0	25.56	25.56	25.56			
15	OFF	92	0	25.57	25.57	25.57			
15	OFF	93	0	25.58	25.58	25.58	24	0	
15	OFF	94	0	25.59	25.59	25.59			
15	OFF	95	0	25.60	25.60	25.60			
15	OFF	96	0	25.61	25.61	25.61	24	0	
15	OFF	97	0	25.62	25.62	25.62			
15	OFF	98	0	25.63	25.63	25.63			
15	OFF	99	0	25.64	25.64	25.64	24	0	
15	OFF	100	0	25.65	25.65	25.65			
15	OFF	101	0	25.66	25.66	25.66			
15	OFF	102	0	25.67	25.67	25.67	24	0	
15	OFF	103	0	25.68	25.68	25.68			
15	OFF	104	0	25.69	25.69	25.69			
15	OFF	105	0	25.70	25.70	25.70	24	0	
15	OFF	106	0	25.71	25.71	25.71			
15	OFF	107	0	25.72	25.72	25.72			
15	OFF	108	0	25.73	25.73	25.73	24	0	
15	OFF	109	0	25.74	25.74	25.74			
15	OFF	110	0	25.75	25.75	25.75			
15	OFF	111	0	25.76	25.76	25.76	24	0	
15	OFF	112	0	25.77	25.77	25.77			
15	OFF	113	0	25.78	25.78	25.78			
15	OFF	114	0	25.79	25.79	25.79	24	0	
15	OFF	115	0	25.80	25.80	25.80			
15	OFF	116	0	25.81	25.81	25.81			
15	OFF	117	0	25.82	25.82	25.82	24	0	
15	OFF	118	0	25.83	25.83	25.83			
15	OFF	119	0	25.84	25.84	25.84			
15	OFF	120	0	25.85	25.85	25.85	24	0	
15	OFF	121	0	25.86	25.86	25.86			
15	OFF	122	0	25.87	25.87	25.87			
15	OFF	123	0	25.88	25.88	25.88	24	0	
15	OFF	124	0	25.89	25.89	25.89			
15	OFF	125	0	25.90	25.90	25.90			
15	OFF	126	0	25.91	25.91	25.91	24	0	
15	OFF	127	0	25.92	25.92	25.92			
15	OFF	128	0	25.93	25.93	25.93			
15	OFF	129	0	25.94	25.94	25.94	24	0	
15	OFF	130	0	25.95	25.95	25.95			
15	OFF	131	0	25.96	25.96	25.96			
15	OFF	132	0	25.97	25.97	25.97	24	0	
15	OFF	133	0	25.98	25.98	25.98			
15	OFF	134	0	25.99	25.99	25.99			
15	OFF	135	0	26.00	26.00	26.00			

Band 42_Ant 7									
Site (AA)	Antenna	Alt. Size	Alt. Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Frequency (MHz)									
25	QF001	10	0	23.600	23.610	23.610			
25	QF001	10	1	23.600	23.610	23.610			
25	QF001	10	2	23.600	23.610	23.610			
25	QF001	10	3	23.600	23.610	23.610			
25	QF001	10	4	23.600	23.610	23.610			
25	QF001	10	5	23.600	23.610	23.610			
25	QF001	10	6	23.600	23.610	23.610			
25	QF001	10	7	23.600	23.610	23.610			
25	QF001	10	8	23.600	23.610	23.610			
25	QF001	10	9	23.600	23.610	23.610			
25	QF001	10	10	23.600	23.610	23.610			
25	QF001	10	11	23.600	23.610	23.610			
25	QF001	10	12	23.600	23.610	23.610			
25	QF001	10	13	23.600	23.610	23.610			
25	QF001	10	14	23.600	23.610	23.610			
25	QF001	10	15	23.600	23.610	23.610			
25	QF001	10	16	23.600	23.610	23.610			
25	QF001	10	17	23.600	23.610	23.610			
25	QF001	10	18	23.600	23.610	23.610			
25	QF001	10	19	23.600	23.610	23.610			
25	QF001	10	20	23.600	23.610	23.610			
25	QF001	10	21	23.600	23.610	23.610			
25	QF001	10	22	23.600	23.610	23.610			
25	QF001	10	23	23.600	23.610	23.610			
25	QF001	10	24	23.600	23.610	23.610			
25	QF001	10	25	23.600	23.610	23.610			
25	QF001	10	26	23.600	23.610	23.610			
25	QF001	10	27	23.600	23.610	23.610			
25	QF001	10	28	23.600	23.610	23.610			
25	QF001	10	29	23.600	23.610	23.610			
25	QF001	10	30	23.600	23.610	23.610			
25	QF001	10	31	23.600	23.610	23.610			
25	QF001	10	32	23.600	23.610	23.610			
25	QF001	10	33	23.600	23.610	23.610			
25	QF001	10	34	23.600	23.610	23.610			
25	QF001	10	35	23.600	23.610	23.610			
25	QF001	10	36	23.600	23.610	23.610			
25	QF001	10	37	23.600	23.610	23.610			
25	QF001	10	38	23.600	23.610	23.610			
25	QF001	10	39	23.600	23.610	23.610			
25	QF001	10	40	23.600	23.610	23.610			
25	QF001	10	41	23.600	23.610	23.610			
25	QF001	10	42	23.600	23.610	23.610			
25	QF001	10	43	23.600	23.610	23.610			
25	QF001	10	44	23.600	23.610	23.610			
25	QF001	10	45	23.600	23.610	23.610			
25	QF001	10	46	23.600	23.610	23.610			
25	QF001	10	47	23.600	23.610	23.610			
25	QF001	10	48	23.600	23.610	23.610			
25	QF001	10	49	23.600	23.610	23.610			
25	QF001	10	50	23.600	23.610	23.610			
25	QF001	10	51	23.600	23.610	23.610			
25	QF001	10	52	23.600	23.610	23.610			
25	QF001	10	53	23.600	23.610	23.610			
25	QF001	10	54	23.600	23.610	23.610			
25	QF001	10	55	23.600	23.610	23.610			
25	QF001	10	56	23.600	23.610	23.610			
25	QF001	10	57	23.600	23.610	23.610			
25	QF001	10	58	23.600	23.610	23.610			
25	QF001	10	59	23.600	23.610	23.610			
25	QF001	10	60	23.600	23.610	23.610			
25	QF001	10	61	23.600	23.610	23.610			
25	QF001	10	62	23.600	23.610	23.610			
25	QF001	10	63	23.600	23.610	23.610			
25	QF001	10	64	23.600	23.610	23.610			
25	QF001	10	65	23.600	23.610	23.610			
25	QF001	10	66	23.600	23.610	23.610			
25	QF001	10	67	23.600	23.610	23.610			
25	QF001	10	68	23.600	23.610	23.610			
25	QF001	10	69	23.600	23.610	23.610			
25	QF001	10	70	23.600	23.610	23.610			
25	QF001	10	71	23.600	23.610	23.610			
25	QF001	10	72	23.600	23.610	23.610			
25	QF001	10	73	23.600	23.610	23.610			
25	QF001	10	74	23.600	23.610	23.610			
25	QF001	10	75	23.600	23.610	23.610			
25	QF001	10	76	23.600	23.610	23.610			
25	QF001	10	77	23.600	23.610	23.610			
25	QF001	10	78	23.600	23.610	23.610			
25	QF001	10	79	23.600	23.610	23.610			
25	QF001	10	80	23.600	23.610	23.610			
25	QF001	10	81	23.600	23.610	23.610			
25	QF001	10	82	23.600	23.610	23.610			
25	QF001	10	83	23.600	23.610	23.610			
25	QF001	10	84	23.600	23.610	23.610			
25	QF001	10	85	23.600	23.610	23.610			
25	QF001	10	86	23.600	23.610	23.610			
25	QF001	10	87	23.600	23.610	23.610			
25	QF001	10	88	23.600	23.610	23.610			
25	QF001	10	89	23.600	23.610	23.610			
25	QF001	10	90	23.600	23.610	23.610			
25	QF001	10	91	23.600	23.610	23.610			
25	QF001	10	92	23.600	23.610	23.610			
25	QF001	10	93	23.600	23.610	23.610			
25	QF001	10	94	23.600	23.610	23.610			
25	QF001	10	95	23.600	23.610	23.610			
25	QF001	10	96	23.600	23.610	23.610			
25	QF001	10	97	23.600	23.610	23.610			
25	QF001	10	98	23.600	23.610	23.610			
25	QF001	10	99	23.600	23.610	23.610			
25	QF001	10	100	23.600	23.610	23.610			
25	QF001	10	101	23.600	23.610	23.610			
25	QF001	10	102	23.600	23.610	23.610			
25	QF001	10	103	23.600	23.610	23.610			
25	QF001	10	104	23.600	23.610	23.610			
25	QF001	10	105	23.600	23.610	23.610			
25	QF001	10	106	23.600	23.610	23.610			
25	QF001	10	107	23.600	23.610	23.610			
25	QF001	10	108	23.600	23.610	23.610			
25	QF001	10	109	23.600	23.610	23.610			
25	QF001	10	110	23.600	23.610	23.610			
25	QF001	10	111	23.600	23.610	23.610			
25	QF001	10	112	23.600	23.610	23.610			
25	QF001	10	113	23.600	23.610	23.610			
25	QF001	10	114	23.600	23.610	23.610			
25	QF001	10	115	23.600	23.610	23.610			
25	QF001	10	116	23.600	23.610	23.610			
25	QF001	10	117	23.600	23.610	23.610			
25	QF001	10	118	23.600	23.610	23.610			
25	QF001	10	119	23.600	23.610	23.610			
25	QF001	10	120	23.600	23.610	23.610			
25	QF001	10	121	23.600	23.610	23.610			
25	QF001	10	122	23.600	23.610	23.610			
25	QF001	10	123	23.600	23.610	23.610			
25	QF001	10	124	23.600	23.610	23.610			
25	QF001	10	125	23.600	23.610	23.610			
25	QF001	10	126	23.600	23.610	23.610			
25	QF001	10	127	23.600	23.610	23.610			
25	QF001	10	128	23.600	23.610	23.610			
25	QF001	10	129	23.600	23.610	23.610			
25	QF001	10	130	23.600	23.610	23.610			
25	QF001	10	131	23.600	23.610	23.610			
25	QF001	10	132	23.600	23.610	23.610			
25	QF001	10	133	23.600	23.610	23.610			
25	QF001	10	134	23.600	23.610	23.610			
25	QF001	10	135	23.600	23.610	23.610			
25	QF001	10	136	23.600	23.610	23.610			
25	QF001	10	137	23.600	23.610	23.610			
25	QF001	10	138	23.600	23.610	23.610			
25	QF001	10	139	23.600	23.610	23.610			
25	QF001	10	140	23.600	23.610	23.610			
25	QF001	10	141	23.600	23.610	23.610			
25	QF001	10	142	23.600	23.610	23.610			
25	QF001	10	143	23.600	23.610	23.610			
25	QF001	10	144	23.600	23.610	23.610			
25	QF001	10	145	23.600	23.610	23.610			
25	QF001	10	146	23.600	23.610	23.610			
25	QF001	10	147	23.600	23.610	23.610			
25	QF001	10	148	23.600	23.610	23.610			
25	QF001	10	149	23.600	23.610	23.610			
25	QF001	10	150	23.600	23.610	23.610			
25	QF001	10	151	23.600	23.610	23.610			
25	QF001	10	152	23.600	23.610</				



Reduced Power for DSI 1

Band 2_Ant 2												
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch. (Frac)	Power Media Ch. (Frac)	Power High Ch. (Frac)	Time-up limit (secs)	MPH (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.74	23.52	23.82	24.5	0				
20	QPSK	1	49	23.78	23.77	23.88						
20	QPSK	1	99	23.67	23.77	23.78						
20	QPSK	50	0	22.79	22.88	23.84						
20	QPSK	50	24	22.84	22.87	23.83	23.5	1				
20	QPSK	50	50	22.78	22.81	22.88						
20	QPSK	100	0	22.83	22.88	23.82						
20	16QAM	1	0	23.07	23.05	23.17						
20	16QAM	1	49	23.28	23.46	23.29	23.5	1				
20	16QAM	1	99	23.08	23.13	23.08						
20	16QAM	50	0	21.82	21.89	21.88						
20	16QAM	50	24	21.88	21.86	21.85						
20	16QAM	50	50	21.85	21.85	21.82	22.5	2				
20	16QAM	100	0	21.88	21.89	21.82						
20	16QAM	1	8	21.68	22.05	21.69						
20	16QAM	1	49	21.83	22.13	21.86						
20	16QAM	1	99	21.88	22.03	22.00	21.5	3				
20	16QAM	50	38	20.78	20.98	20.80						
20	16QAM	50	24	20.89	20.97	20.88						
20	16QAM	50	50	20.79	20.81	20.87						
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.88	23.88	23.73	24.5	0				
15	QPSK	1	37	23.79	23.74	23.88						
15	QPSK	1	74	23.64	23.74	23.71						
15	QPSK	24	0	22.73	22.81	22.78						
15	QPSK	24	50	22.79	22.84	22.81	23.5	1				
15	QPSK	30	30	22.79	22.81	22.81						
15	QPSK	75	0	22.73	22.75	22.81						
15	16QAM	1	0	23.62	23.88	23.16						
15	16QAM	1	37	23.19	23.43	23.18	23.5	1				
15	16QAM	1	74	23.08	23.08	23.08						
15	16QAM	36	0	21.69	21.80	21.77						
15	16QAM	36	20	21.77	21.94	21.80						
15	16QAM	36	30	21.88	21.88	21.87	22.5	2				
15	16QAM	75	0	21.82	21.87	21.88						
15	16QAM	1	0	21.83	22.01	21.84						
15	16QAM	1	37	21.73	22.01	21.87						
15	16QAM	1	74	21.78	22.00	21.87	22.5	2				
15	16QAM	36	0	20.85	20.85	20.87						
15	16QAM	36	20	20.79	20.85	20.85						
15	16QAM	36	30	20.75	20.88	20.78						
15	16QAM	75	0	20.85	20.81	20.77	21.5	3				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.98	23.98	23.80	24.5	0				
10	QPSK	1	25	23.88	23.71	23.79						
10	QPSK	1	49	23.62	23.89	23.78						
10	QPSK	25	0	22.89	22.84	22.78						
10	QPSK	25	12	22.75	22.78	22.78	23.5	1				
10	QPSK	25	25	22.75	22.80	22.80						
10	QPSK	50	0	22.81	22.75	22.80						
10	16QAM	1	0	23.98	23.98	23.80						
10	16QAM	1	25	23.27	23.84	23.22	23.5	1				
10	16QAM	1	49	22.88	23.04	22.96						
10	16QAM	25	12	21.80	21.84	21.83						
10	16QAM	25	25	21.73	21.83	21.85						
10	16QAM	25	25	21.73	21.83	21.85	22.5	2				
10	16QAM	50	0	21.88	21.88	21.88						
10	16QAM	1	49	21.88	21.93	21.87						
10	16QAM	25	0	21.82	21.89	21.88						
10	16QAM	25	12	21.78	22.06	21.88	21.5	3				
10	16QAM	25	25	20.89	20.80	20.79						
10	16QAM	50	12	20.82	20.84	20.74						
10	16QAM	50	25	20.78	20.81	20.81						
10	16QAM	50	50	20.77	20.84	20.71						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.89	23.88	23.78	24.5	0				
5	QPSK	1	12	23.68	23.70	23.78						
5	QPSK	1	24	23.69	23.74	23.84						
5	QPSK	12	0	22.70	22.83	22.78						
5	QPSK	12	7	22.81	22.85	22.72	23.5	1				
5	QPSK	12	12	22.72	22.78	22.78						
5	QPSK	25	0	22.78	22.81	22.78						
5	16QAM	1	0	23.50	23.59	23.10						
5	16QAM	1	12	23.28	23.28	23.08	23.5	1				
5	16QAM	1	24	23.04	23.04	23.08						
5	16QAM	12	0	21.89	21.83	21.83						
5	16QAM	12	7	21.88	21.88	21.78						
5	16QAM	12	13	21.82	21.89	21.79	22.5	2				
5	16QAM	25	0	21.72	21.74	21.78						
5	16QAM	1	0	21.88	22.08	21.88						
5	16QAM	1	12	21.77	22.00	21.89						
5	16QAM	1	24	21.85	21.87	21.91	22.5	2				
5	16QAM	12	0	20.88	20.82	20.82						
5	16QAM	12	7	20.80	20.88	20.80						
5	16QAM	12	13	20.73	20.88	20.83						
5	16QAM	25	0	20.75	20.73	20.78	21.5	3				
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.88	23.87	23.77	24.5	0				
3	QPSK	1	8	23.69	23.85	23.77						
3	QPSK	1	14	23.63	23.74	23.68						
3	QPSK	8	0	22.82	22.81	22.82						
3	QPSK	8	4	22.87	22.79	22.74	23.5	1				
3	QPSK	8	7	22.71	22.85	22.78						
3	QPSK	16	0	22.78	22.84	22.78						
3	16QAM	1	0	23.00	23.09	23.14						
3	16QAM	1	8	23.20	23.37	23.24	23.5	1				
3	16QAM	1	14	23.08	23.08	23.07						
3	16QAM	8	0	21.74	21.83	21.78						
3	16QAM	8	4	21.81	21.82	21.83						
3	16QAM	8	7	21.77	22.08	21.78	22.5	2				
3	16QAM	16	0	21.78	21.83	21.71						
3	16QAM	1	0	21.85	21.98	21.87						
3	16QAM	1	8	21.88	22.05	21.87						
3	16QAM	1	14	21.78	21.96	21.88	21.5	3				
3	16QAM	8	0	20.88	20.82	20.80						
3	16QAM	8	4	20.79	20.83	20.78						
3	16QAM	8	7	20.68	20.82	20.75						
3	16QAM	15	0	20.81	20.74	20.75	21.5	3				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.72	23.87	23.80	24.5	0				
1.4	QPSK	1	3	23.71	23.73	23.80						
1.4	QPSK	1	5	23.54	23.72	23.71						
1.4	QPSK	3	0	23.68	23.79	23.72						
1.4	QPSK	3	1	23.68	23.68	23.78	23.5	1				
1.4	QPSK	3	3	23.57	23.85	23.68						
1.4	QPSK	5	0	22.73	22.85	22.78						
1.4	16QAM	1	0	23.01	23.08	23.14						
1.4	16QAM	1	3	23.20	23.30	23.24	23.5	1				
1.4	16QAM	1	5	23.08	23.07	23.08						
1.4	16QAM	3	0	23.03	23.09	23.18						
1.4	16QAM	3	1	23.28	23.30	23.22						
1.4	16QAM	5	3	23.05	23.07	23.03	22.8	2				
1.4	16QAM	8	0	21.75	21.77	21.78						
1.4	16QAM	1	0	21.89	21.88	21.95						
1.4	16QAM	1	3	21.73	22.06	21.84	22.5	2				
1.4	16QAM	1	5	21.80	21.91	21.87						
1.4	16QAM	3	0	21.87	21.97	21.88						
1.4	16QAM	3	1	21.73	22.05	21.85						
1.4	16QAM	5	3	21.80	21.86	21.83	21.5	3				
1.4	16QAM	8	0	20.78	20.83	20.80						
1.4	16QAM	8	4	20.76	20.83	20.80						

Band 4_Ant 2										
BS (MHz)	Modulation	TBS (bit)	TBS (COT)	Power (dBm) 15.5	Power (dBm) 15.5	Power (dBm) 15.5	Power (dBm) 15.5	Turnup time (sec)	MFR (dB)	
Channel										
Frequency (MHz)										
30	QPSK	1	0	24.48	24.48	24.48	24.53			
30	QPSK	1	48	24.31	24.31	24.31	24.53	25.5	0	
30	QPSK	56	80	24.46	24.46	24.46	24.53			
30	QPSK	56	80	25.31	25.31	25.31	24.53			
30	QPSK	50	24	23.30	23.30	23.38	24.53	24.5		
30	QPSK	50	24	23.30	23.30	23.38	24.53			
30	QPSK	100	0	23.31	23.31	23.47	24.53			
30	QPSK	1	0	23.85	23.78	23.88				
30	QPSK	1	56	23.85	23.78	23.88		24.5	1	
30	QPSK	50	50	22.25	22.25	22.33	22.56			
30	QPSK	50	50	22.25	22.25	22.33	22.56	23.5	2	
30	QPSK	100	0	22.31	22.31	22.33	22.56			
30	QPSK	100	0	22.31	22.31	22.33	22.56			
30	QPSK	1	48	22.37	22.61	22.59		23.5	2	
30	QPSK	1	56	22.61	22.11	22.38				
30	QPSK	50	24	21.40	21.40	21.43	22.56			
30	QPSK	50	24	21.40	21.40	21.43	22.56			
30	QPSK	50	50	21.26	21.28	21.31	22.56			
30	QPSK	100	56	21.26	21.28	21.31	22.56			
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.55	17.55	17.47	17.5	Turnup time (sec)	MFR (dB)	
15	QPSK	1	32	24.16	24.16	24.24	24.53	25.5	0	
15	QPSK	1	76	24.40	24.29	24.31				
15	QPSK	36	20	23.17	23.17	23.17	24.53	24.5	1	
15	QPSK	36	20	23.17	23.16	23.16	24.53			
15	QPSK	36	36	23.27	23.27	23.38				
15	QPSK	36	36	23.27	23.27	23.38				
15	QPSK	1	1	23.42	23.66	23.65				
15	QPSK	1	32	23.63	23.69	23.61		24.5	1	
15	QPSK	36	36	23.63	23.69	23.61				
15	QPSK	36	36	22.15	22.29	22.25				
15	QPSK	36	36	22.15	22.29	22.25				
15	QPSK	36	36	22.15	22.29	22.25		23.5	2	
15	QPSK	75	0	22.18	22.27	22.25				
15	QPSK	1	0	22.44	22.62	22.48				
15	QPSK	1	0	22.44	22.62	22.48				
15	QPSK	1	74	22.50	22.51	22.22		23.5	2	
15	QPSK	36	36	22.50	22.51	22.22				
15	QPSK	36	36	21.00	21.28	21.38				
15	QPSK	36	36	21.00	21.28	21.38		22.5	3	
15	QPSK	75	0	21.22	21.24	21.41				
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.38	24.38	24.44	24.53	25.5	0	
10	QPSK	1	24	24.20	24.30	24.38				
10	QPSK	1	24	24.34	24.30	24.31				
10	QPSK	25	12	23.16	23.16	23.16	24.53	24.5	1	
10	QPSK	25	12	23.16	23.16	23.16	24.53			
10	QPSK	25	12	23.16	23.16	23.16	24.53			
10	QPSK	50	0	23.23	23.23	23.23				
10	QPSK	1	0	23.42	23.66	23.65				
10	QPSK	1	32	23.63	23.69	23.61		24.5	1	
10	QPSK	36	36	23.63	23.69	23.61				
10	QPSK	36	36	22.15	22.29	22.25				
10	QPSK	36	36	22.15	22.29	22.25				
10	QPSK	36	36	22.15	22.29	22.25		23.5	2	
10	QPSK	75	0	22.18	22.27	22.25				
10	QPSK	1	0	22.44	22.62	22.48				
10	QPSK	1	0	22.44	22.62	22.48				
10	QPSK	1	74	22.50	22.51	22.22		23.5	2	
10	QPSK	36	36	22.50	22.51	22.22				
10	QPSK	36	36	21.00	21.28	21.38				
10	QPSK	36	36	21.00	21.28	21.38		22.5	3	
10	QPSK	75	0	21.22	21.24	21.41				
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.31	24.31	24.49	24.48	25.5	0	
5	QPSK	1	12	24.26	24.46	24.41	24.48			
5	QPSK	1	24	24.30	24.38	24.38				
5	QPSK	1	24	24.37	24.43	24.39				
5	QPSK	12	7	23.17	23.25	23.24	24.53	24.5	1	
5	QPSK	12	13	23.21	23.28	23.23				
5	QPSK	12	13	23.21	23.28	23.23				
5	QPSK	12	13	23.21	23.28	23.23				
5	QPSK	1	0	23.41	23.78	23.57				
5	QPSK	1	12	23.61	23.63	23.68		24.5	1	
5	QPSK	1	12	23.61	23.63	23.68				
5	QPSK	12	12	23.67	23.33	23.45				
5	QPSK	12	12	23.67	23.33	23.45				
5	QPSK	12	7	23.16	23.24	23.24	24.53	23.5	2	
5	QPSK	12	7	23.16	23.24	23.24	24.53			
5	QPSK	25	0	22.12	22.20	22.22				
5	QPSK	1	0	22.46	22.67	22.38				
5	QPSK	1	12	22.66	22.67	22.38		23.5	2	
5	QPSK	12	0	21.60	21.56	21.51				
5	QPSK	12	0	21.60	21.56	21.51				
5	QPSK	12	13	21.19	21.15	21.14	24.53	22.5	2	
5	QPSK	12	13	21.19	21.15	21.14	24.53			
Channel										
Frequency (MHz)										
3	QPSK	1	0	24.38	24.38	24.44	24.53	Turnup time (sec)	MFR (dB)	
3	QPSK	1	0	24.38	24.38	24.44	24.53	25.5	0	
3	QPSK	1	14	24.33	24.25	24.31				
3	QPSK	8	6	23.23	23.24	23.24	24.53	24.5	1	
3	QPSK	8	6	23.23	23.24	23.24	24.53			
3	QPSK	15	0	23.12	23.24	23.23				
3	QPSK	15	0	23.12	23.24	23.23				
3	QPSK	1	8	23.71	23.68	23.68				
3	QPSK	1	8	23.71	23.67	23.65		24.5	1	
3	QPSK	1	14	23.30	23.10	23.26				
3	QPSK	1	14	23.30	23.10	23.26				
3	QPSK	8	4	22.17	22.18	22.18	24.53	23.5	2	
3	QPSK	8	4	22.15	22.31	22.34				
3	QPSK	8	7	22.12	22.18	22.18				
3	QPSK	1	0	22.42	22.58	22.44				
3	QPSK	1	0	22.42	22.58	22.44		23.5	2	
3	QPSK	8	0	22.27	22.32	22.27				
3	QPSK	8	0	22.27	22.32	22.27				
3	QPSK	8	0	20.96	21.39	21.31				
3	QPSK	8	4	21.23	21.10	21.15		22.5	3	
3	QPSK	15	0	21.18	21.35	21.31				
3	QPSK	15	0	21.18	21.35	21.31				
Channel										
Frequency (MHz)										
14	QPSK	1	0	17.57	17.57	17.52	17.5	Turnup time (sec)	MFR (dB)	
14	QPSK	1	0	24.30	24.38	24.43				
14	QPSK	1	3	24.31	24.37	24.38				
14	QPSK	1	3	24.32	24.37	24.38		25.5	0	
14	QPSK	3	0	24.30	24.38	24.38				
14	QPSK	3	1	24.13	24.29	24.28				
14	QPSK	6	0	23.14	23.28	23.33	24.53	24.5	1	
14	QPSK	6	0	23.14	23.28	23.33	24.53			
14	QPSK	1	0	23.40	23.69	23.52				
14	QPSK	1	0	23.40	23.69	23.52				
14	QPSK	1	6	23.27	23.68	23.65		24.5	1	
14	QPSK	3	0	23.26	23.53	23.46				
14	QPSK	3	0	23.26	23.53	23.46				
14	QPSK	6	0	23.21	23.61	23.62				
14	QPSK	6	0	23.27	22.50	23.33	23.5	23.5	2	
14	QPSK	3	1	22.44	22.44	22.44				
14	QPSK	3	1	22.44	22.44	22.44		23.5	2	
14	QPSK	3	1	22.16	22.38	22.51				
14	QPSK	3	3	22.46	21.88	22.05		22.5	3	

Band 4_Ant 3										
RF (MHz)	Instance	RB Size	RB Offset	Power (mW) Ch. 1	Power (mW) Ch. 2	Power (mW) Ch. 3	Time-on-air (s)	MIMO (dB)		
Channel 1										
Frequency (MHz)				20000	20175	20350				
26	QPSK	1	0	20.08	20.12	20.18				
26	QPSK	1	49	20.10	20.20	20.21	21.5	0		
26	QPSK	1	98	20.12	20.18	20.20				
26	QPSK	50	0	20.08	20.18	20.12				
26	QPSK	50	24	19.91	20.11	20.08	21.5	0		
26	QPSK	100	0	20.08	20.12	20.18				
26	HQAM	1	0	20.07	20.12	20.10				
26	HQAM	1	49	20.08	20.18	20.12	21.5	0		
26	HQAM	1	99	20.10	20.12	20.10				
26	HQAM	50	0	19.87	20.08	19.86				
26	HQAM	50	24	19.84	20.08	19.86	21.5	0		
26	HQAM	100	0	19.90	20.10	19.82				
26	HQAM	100	0	19.90	20.10	19.82				
26	HQAM	1	49	19.98	20.17	20.02	21.5			
26	HQAM	1	99	20.18	20.18	20.16				
26	HQAM	50	24	19.84	20.07	19.87				
26	HQAM	50	50	19.98	20.20	20.15				
26	HQAM	50	0	19.88	20.20	19.85				
Channel 2										
Frequency (MHz)				20025	20199	20325	Time-on-air (s)	MIMO (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	20.21	20.14	20.17				
15	QPSK	1	49	20.08	20.13	20.11	21.5	0		
15	QPSK	1	98	20.10	20.20	20.19				
15	QPSK	50	0	20.08	20.18	20.12				
15	QPSK	50	24	19.78	20.07	19.83	21.5	0		
15	QPSK	100	0	20.02	20.11	20.07				
15	QPSK	100	0	19.98	20.11	19.87				
15	HQAM	1	0	20.21	20.13	20.10				
15	HQAM	1	49	19.91	20.12	19.88	21.5	0		
15	HQAM	1	98	20.08	20.18	20.19				
15	HQAM	50	0	19.98	20.18	19.92				
15	HQAM	50	24	19.78	19.98	19.82				
15	HQAM	100	0	19.82	20.02	19.83	21.5	0		
15	HQAM	100	0	19.82	20.02	19.83				
15	HQAM	1	49	19.91	20.04	19.84				
15	HQAM	1	98	20.08	20.18	20.14				
15	HQAM	50	24	19.71	20.13	19.84	21.5	0		
15	HQAM	50	0	19.84	20.09	19.84				
15	HQAM	50	24	19.71	20.13	19.84				
15	HQAM	50	50	19.97	20.07	19.93	21.5	0		
15	HQAM	50	0	19.88	20.05	19.82				
Channel 3										
Frequency (MHz)				19975	20175	20375	Time-on-air (s)	MIMO (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
10	QPSK	1	0	20.03	20.10	20.12				
10	QPSK	1	49	19.98	20.11	20.05	21.5	0		
10	QPSK	1	98	20.05	20.10	20.08				
10	QPSK	25	0	20.00	20.09	20.09				
10	QPSK	25	12	19.87	20.09	19.85	21.5	0		
10	QPSK	25	25	19.87	20.09	19.85				
10	QPSK	50	0	19.87	19.99	20.03				
10	QPSK	50	12	19.89	19.94	20.01				
10	QPSK	50	25	19.89	19.94	20.01				
10	HQAM	1	0	20.03	20.10	20.12				
10	HQAM	1	49	19.98	20.11	20.05	21.5	0		
10	HQAM	1	98	20.05	20.10	20.08				
10	HQAM	25	0	19.99	20.08	20.08				
10	HQAM	25	12	19.89	20.07	19.85	21.5	0		
10	HQAM	25	25	19.89	20.07	19.85				
10	HQAM	50	0	19.84	20.07	19.84				
10	HQAM	50	12	19.87	20.06	19.84				
10	HQAM	50	25	19.84	20.07	19.84				
10	HQAM	1	49	19.97	20.14	20.07				
10	HQAM	1	98	20.02	20.09	20.07				
10	HQAM	25	0	19.98	20.08	19.97				
10	HQAM	25	12	19.88	20.06	19.85	21.5	0		
10	HQAM	25	25	19.88	20.06	19.85				
10	HQAM	50	0	19.84	20.07	19.84				
10	HQAM	50	12	19.87	20.06	19.84				
10	HQAM	50	25	19.84	20.07	19.84				
10	HQAM	1	49	19.97	20.14	20.07				
10	HQAM	1	98	20.02	20.09	20.07				
10	HQAM	25	0	19.98	20.08	19.97				
10	HQAM	25	12	19.88	20.06	19.85	21.5	0		
10	HQAM	25	25	19.88	20.06	19.85				
10	HQAM	50	0	19.84	20.07	19.84				
10	HQAM	50	12	19.87	20.06	19.84				
10	HQAM	50	25	19.84	20.07	19.84				
10	HQAM	15	0	19.86	19.99	19.89				
Channel 4										
Frequency (MHz)				19975	20175	20375	Time-on-air (s)	MIMO (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
1.4	QPSK	1	0	20.03	20.10	20.11				
1.4	QPSK	1	49	19.98	20.13	20.11	21.5	0		
1.4	QPSK	1	98	20.05	20.10	20.08				
1.4	QPSK	3	0	19.98	20.10	20.03				
1.4	QPSK	3	1	19.85	20.07	19.85	21.5	0		
1.4	QPSK	3	2	19.85	20.07	19.85				
1.4	QPSK	6	0	19.98	20.10	19.98				
1.4	HQAM	1	0	20.03	20.09	20.10				
1.4	HQAM	1	49	19.98	20.10	20.09	21.5	0		
1.4	HQAM	1	98	20.01	20.08	20.09				
1.4	HQAM	3	0	19.90	20.07	19.97				
1.4	HQAM	3	1	19.82	20.05	19.82	21.5	0		
1.4	HQAM	3	2	19.82	20.05	19.82				
1.4	HQAM	6	0	19.97	20.10	19.94				
1.4	HQAM	6	1	19.83	20.02	19.83	21.5	0		
1.4	HQAM	6	2	19.83	20.02	19.83				
1.4	HQAM	1	49	19.97	20.10	20.08				
1.4	HQAM	1	98	20.02	20.10	20.14				
1.4	HQAM	3	0	19.90	20.07	19.98				
1.4	HQAM	3	1	19.82	20.04	19.82	21.5	0		
1.4	HQAM	3	2	19.82	20.04	19.82				

Band 5_Ant 0										
Int (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. Power (dBm)	Power Level MPE (dBm)	Power Level Tx Power (dBm)	Time-slot (ms)	Mgmt (dB)		
Channel										
Frequency (MHz)										
18	QPSK	1	0	24.38	24.47	24.58				
18	QPSK	1	26	24.18	24.28	24.23		25.5	0	
18	QPSK	1	46	24.37	24.27	24.21				
18	QPSK	26	0	23.23	23.47	23.25				
18	QPSK	26	12	23.27	23.20	23.31		24.5	1	
18	QPSK	26	38	23.30	23.30	23.30				
18	QPSK	26	0	23.28	23.19	23.19				
18	16QAM	1	3	23.88	23.58	23.42				
18	16QAM	1	26	23.88	23.58	23.42		24.5	1	
18	16QAM	1	46	23.55	23.67	23.53				
18	16QAM	26	3	23.28	23.20	23.24				
18	16QAM	26	12	23.27	23.27	23.21		23.5	2	
18	16QAM	26	38	23.27	23.27	23.21				
18	16QAM	26	0	23.28	23.21	23.20				
18	16QAM	26	0	23.28	23.21	23.20				
18	8QAM	1	26	23.29	23.37	23.23		23.5	2	
18	8QAM	1	46	23.17	23.38	23.21				
18	8QAM	26	0	23.24	23.23	23.21				
18	8QAM	26	12	21.14	21.27	21.27		22.5	1	
18	8QAM	26	38	21.15	21.28	21.14				
18	8QAM	26	0	21.15	21.28	21.14				
Channel										
Frequency (MHz)										
9	QPSK	1	0	82.5	83.5	84.5		Time-slot (ms)	Mgmt (dB)	
9	QPSK	1	12	24.31	24.25	24.28		25.5	0	
9	QPSK	1	24	24.13	24.18	24.18				
9	QPSK	12	0	24.10	24.00	24.15				
9	QPSK	12	7	23.15	23.17	23.12		24.5	1	
9	QPSK	12	13	23.21	23.07	23.11				
9	16QAM	1	0	23.52	23.50	23.40				
9	16QAM	1	12	23.81	23.58	23.39		24.5	1	
9	16QAM	1	24	23.81	23.58	23.39				
9	16QAM	12	0	23.25	23.14	23.11				
9	16QAM	12	7	22.08	22.10	22.26		23.5	2	
9	16QAM	12	13	22.09	22.10	22.26				
9	16QAM	26	3	22.22	22.10	22.22				
9	8QAM	1	0	23.83	23.27	23.05				
9	8QAM	1	12	23.05	23.12	23.25		23.5	2	
9	8QAM	1	24	23.03	23.29	23.08				
9	8QAM	12	0	21.15	21.18	21.12				
9	8QAM	12	7	21.05	21.10	21.28		22.5	3	
9	8QAM	12	13	21.08	21.17	21.12				
9	8QAM	26	0	21.09	21.10	21.25				
Channel										
Frequency (MHz)										
2	QPSK	1	0	24.24	24.31	24.21		Time-slot (ms)	Mgmt (dB)	
2	QPSK	1	8	24.13	24.15	24.16		25.5	0	
2	QPSK	1	14	24.10	24.00	24.15				
2	QPSK	8	0	23.07	23.23	23.08				
2	QPSK	8	7	23.17	23.11	23.08		24.5	1	
2	QPSK	16	0	23.22	23.24	23.27				
2	16QAM	1	0	23.59	23.50	23.42		24.5	1	
2	16QAM	1	8	23.15	23.14	23.18				
2	16QAM	1	14	23.04	23.20	23.05				
2	16QAM	8	7	22.08	22.10	22.26		23.5	2	
2	16QAM	8	0	23.15	23.15	23.18				
2	8QAM	1	8	22.28	22.20	22.15		23.5		
2	8QAM	1	14	22.04	22.24	22.19				
2	8QAM	8	0	21.09	21.20	21.27		22.5	3	
2	8QAM	8	7	21.07	21.12	21.29				
2	8QAM	16	0	21.04	21.17	21.12				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.22	24.28	24.24		Time-slot (ms)	Mgmt (dB)	
1.4	QPSK	1	3	24.05	24.10	24.08		25.5	0	
1.4	QPSK	1	6	24.12	24.20	24.15				
1.4	QPSK	3	0	23.11	24.10	24.08				
1.4	QPSK	3	1	23.85	24.00	23.91				
1.4	QPSK	3	3	23.88	24.05	24.12		24.5	1	
1.4	16QAM	1	0	23.54	23.57	23.52				
1.4	16QAM	1	0	23.58	23.47	23.46				
1.4	16QAM	1	3	23.56	23.66	23.41				
1.4	16QAM	1	6	23.44	23.61	23.53		24.5	1	
1.4	16QAM	3	0	23.47	23.52	23.50				
1.4	16QAM	3	1	23.47	23.54	23.53				
1.4	16QAM	3	3	23.40	23.44	23.34				
1.4	16QAM	6	0	22.19	22.20	22.18		23.5	2	
1.4	8QAM	1	0	22.88	22.24	22.83				
1.4	8QAM	1	3	22.18	22.18	22.20				
1.4	8QAM	1	6	22.03	22.20	22.11		23.5	2	
1.4	8QAM	3	0	22.12	22.12	22.45				
1.4	8QAM	3	1	22.08	22.08	22.13				
1.4	8QAM	3	3	21.86	22.20	22.08				
1.4	8QAM	6	0	21.98	21.08	21.17		22.5	3	

Band 5_Ant 1										
[W, MHz]	[Modulation]	[RS Size]	[RS Offset]	[Ch. Power (dBm)]	[Power Flux Density (dBm/Hz)]	[Power Flux Density (dBm/Hz)]	[Power Flux Density (dBm/Hz)]	[Turn-on time (dBm)]	[MFR (dB)]	
Channel										
16	QPSK	1	0	21.52	-13.75	21.52	21.52			
16	QPSK	1	25	21.51	-13.75	21.51	21.51	23.5	0	
16	QPSK	25	0	21.58	-13.67	21.58	21.58			
16	QPSK	25	9	21.58	-13.71	21.57	21.57			
16	QPSK	25	12	21.55	-13.67	21.51	21.51	23.5	0	
16	QPSK	25	15	21.55	-13.67	21.51	21.51			
16	QPSK	50	0	21.52	-13.62	21.52	21.52			
16	ISDM	1	0	21.51	-13.62	21.52	21.52			
16	ISDM	1	25	21.51	-13.65	21.56	21.56	23.5	0	
16	ISDM	1	49	21.50	-13.71	21.58	21.51			
16	ISDM	25	0	21.52	-13.68	21.57	21.57	23.5	0	
16	ISDM	25	12	21.53	-13.67	21.55	21.55			
16	ISDM	50	0	21.56	-13.67	21.54	21.54			
16	ISDM	50	9	21.56	-13.67	21.54	21.54	23.5	0	
16	ISDM	1	25	21.57	-13.70	21.55	21.55			
16	ISDM	1	49	21.50	-13.71	21.58	21.51			
16	ISDM	25	0	21.52	-13.68	21.57	21.57	23.5	0	
16	ISDM	25	12	21.52	-13.71	21.58	21.58			
16	ISDM	25	15	21.52	-13.71	21.58	21.58	23.5	0	
16	ISDM	50	0	21.52	-13.71	21.58	21.58			
16	ISDM	50	9	21.52	-13.71	21.58	21.58	23.5	0	
Channel										
Frequency (MHz)				620.5	620.5	620.5	620.5	Turn-on time (dBm)	MFR (dB)	
5	QPSK	1	0	21.59	-13.72	21.58	21.58			
5	QPSK	1	24	21.53	-13.75	21.52	21.52	23.5	0	
5	QPSK	12	0	21.58	-13.65	21.57	21.57			
5	QPSK	12	7	21.58	-13.65	21.57	21.57	23.5	0	
5	ISDM	1	0	21.59	-13.74	21.58	21.58			
5	ISDM	1	24	21.57	-13.77	21.52	21.52			
5	ISDM	12	0	21.53	-13.65	21.57	21.57	23.5	0	
5	ISDM	12	7	21.52	-13.62	21.56	21.56			
5	ISDM	25	0	21.53	-13.65	21.54	21.54	23.5	0	
5	ISDM	25	9	21.52	-13.65	21.55	21.55			
5	ISDM	1	0	21.60	-13.67	21.61	21.61			
5	ISDM	1	24	21.57	-13.67	21.52	21.52	23.5	0	
5	ISDM	12	0	21.59	-13.74	21.58	21.58			
5	ISDM	12	7	21.58	-13.63	21.57	21.57	23.5	0	
5	ISDM	12	13	21.53	-13.71	21.52	21.52			
5	ISDM	25	0	21.67	-13.68	21.55	21.55	23.5	0	
Channel										
Frequency (MHz)				620.5	620.5	620.5	620.5	Turn-on time (dBm)	MFR (dB)	
3	QPSK	1	0	21.58	-13.68	21.58	21.58			
3	QPSK	1	4	21.54	-13.67	21.53	21.53	23.5	0	
3	QPSK	14	0	21.64	-13.54	21.63	21.63			
3	QPSK	8	0	21.61	-13.60	21.62	21.62	23.5	0	
3	QPSK	8	4	21.63	-13.61	21.63	21.63			
3	QPSK	8	7	21.59	-13.54	21.63	21.63	23.5	0	
3	QPSK	16	0	21.62	-13.52	21.64	21.64			
3	ISDM	1	0	21.59	-13.69	21.58	21.58			
3	ISDM	1	14	21.63	-13.55	21.54	21.54	23.5	0	
3	ISDM	8	0	21.57	-13.58	21.56	21.56			
3	ISDM	8	4	21.59	-13.63	21.61	21.61			
3	ISDM	8	7	21.52	-13.56	21.56	21.56	23.5	0	
3	ISDM	16	0	21.61	-13.63	21.61	21.61			
3	ISDM	16	4	21.56	-13.67	21.53	21.53	23.5	0	
3	ISDM	1	8	21.52	-13.61	21.60	21.60			
3	ISDM	8	14	21.59	-13.58	21.58	21.58			
3	ISDM	8	16	21.57	-13.70	21.51	21.51			
3	ISDM	8	4	21.52	-13.57	21.52	21.52	23.5	0.5	
3	ISDM	16	7	21.55	-13.61	21.57	21.57			
3	ISDM	16	11	21.55	-13.61	21.57	21.57			
3	ISDM	16	15	21.53	-13.61	21.57	21.57	23.5	0	
Channel										
Frequency (MHz)				620.7	620.7	620.7	620.7	Turn-on time (dBm)	MFR (dB)	
14	QPSK	1	0	21.57	-13.70	21.56	21.56			
14	QPSK	1	3	21.53	-13.60	21.62	21.62	23.5	0	
14	QPSK	1	6	21.50	-13.53	21.62	21.62			
14	QPSK	14	0	21.58	-13.62	21.59	21.59			
14	QPSK	8	0	21.52	-13.54	21.61	21.61			
14	QPSK	8	3	21.51	-13.55	21.60	21.60	23.5	0	
14	ISDM	1	0	21.51	-13.54	21.59	21.59			
14	ISDM	1	3	21.52	-13.59	21.60	21.60	23.5	0	
14	ISDM	1	6	21.51	-13.59	21.57	21.57			
14	ISDM	14	0	21.59	-13.59	21.60	21.60			
14	ISDM	8	0	21.53	-13.65	21.61	21.61	23.5	0	
14	ISDM	8	3	21.50	-13.62	21.56	21.56			
14	ISDM	8	6	21.59	-13.68	21.52	21.52	23.5	0	
14	ISDM	14	0	21.62	-13.59	21.61	21.61			
14	ISDM	14	3	21.62	-13.63	21.57	21.57			
14	ISDM	14	6	21.61	-13.69	21.53	21.53	23.5	0.5	
14	ISDM	8	0	21.59	-13.62	21.58	21.58			



Band 7_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPH (dB)		
Channel				20850	21100	21350				
Frequency (MHz)										
20	QPSK	1	0	24.50	24.73	24.68	25.5	0		
20	QPSK	1	49	24.58	24.37	24.50				
20	QPSK	1	99	24.58	24.34	24.58				
20	QPSK	50	0	23.28	23.51	23.28	24.5	1		
20	QPSK	50	24	23.21	23.41	23.28				
20	QPSK	50	50	23.12	23.43	23.31				
20	16QAM	1	0	24.51	24.68	24.37	24.5	1		
20	16QAM	1	49	24.41	24.58	24.29				
20	16QAM	50	0	22.18	22.22	22.32				
20	16QAM	50	24	22.15	22.40	22.38	23.5	2		
20	16QAM	50	50	22.25	22.40	22.38				
20	16QAM	100	0	22.22	22.31	22.28				
20	16QAM	1	0	21.28	22.28	22.21	23.5	2		
20	16QAM	1	49	22.25	22.35	22.21				
20	16QAM	1	99	22.29	22.35	22.32				
20	16QAM	50	0	21.28	21.79	21.74	22.5	3		
20	16QAM	50	24	21.84	21.58	21.83				
20	16QAM	50	50	21.75	21.73	21.83				
20	16QAM	100	0	21.28	21.83	21.79				
Channel				20850	21100	21350	Tune-up limit (dBm)	MPH (dB)		
Frequency (MHz)										
15	QPSK	1	0	24.23	24.70	24.40	25.5	0		
15	QPSK	1	37	24.21	24.47	24.43				
15	QPSK	1	74	24.29	24.41	24.31				
15	QPSK	36	0	23.28	23.54	23.34	24.5	1		
15	QPSK	36	20	23.27	23.49	23.38				
15	QPSK	36	36	23.21	23.52	23.38				
15	16QAM	1	0	23.53	23.67	23.45	24.5	1		
15	16QAM	1	37	23.51	23.72	23.45				
15	16QAM	1	74	23.48	23.79	23.48				
15	16QAM	1	37	23.48	23.79	23.48	23.5	2		
15	16QAM	36	0	22.25	22.45	22.34				
15	16QAM	36	20	22.28	22.48	22.35				
15	16QAM	36	36	22.31	22.48	22.32	22.5	2		
15	16QAM	75	0	22.31	22.48	22.32				
15	16QAM	1	0	22.26	22.31	22.27				
15	16QAM	1	37	22.28	22.38	22.27	23.5	2		
15	16QAM	1	74	22.29	22.45	22.32				
15	16QAM	36	0	21.55	21.88	21.79				
15	16QAM	36	20	21.75	21.84	21.75	22.5	3		
15	16QAM	36	36	21.62	21.82	21.71				
15	16QAM	75	0	21.84	21.87	21.84				
Channel				20850	21100	21350	Tune-up limit (dBm)	MPH (dB)		
Frequency (MHz)										
10	QPSK	1	0	24.23	24.87	24.42	25.5	0		
10	QPSK	1	25	24.25	24.44	24.42				
10	QPSK	1	49	24.25	24.44	24.38				
10	QPSK	25	0	23.27	23.53	23.35	24.5	1		
10	QPSK	25	12	23.28	23.49	23.37				
10	QPSK	25	25	23.21	23.54	23.38				
10	QPSK	50	0	23.24	23.49	23.37	24.5	1		
10	16QAM	1	0	23.54	23.79	23.48				
10	16QAM	1	49	23.54	23.65	23.38				
10	16QAM	25	0	22.24	22.27	22.37	23.5	2		
10	16QAM	25	12	22.22	22.43	22.32				
10	16QAM	25	25	22.25	22.47	22.48				
10	16QAM	1	0	21.87	22.32	22.10	23.5	2		
10	16QAM	1	25	22.35	22.35	22.38				
10	16QAM	1	49	22.34	22.47	22.11				
10	16QAM	25	0	21.81	21.84	21.84	22.5	3		
10	16QAM	25	12	21.71	21.85	21.87				
10	16QAM	25	25	21.81	21.82	21.71				
10	16QAM	50	0	21.80	21.78	21.84				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPH (dB)		
Frequency (MHz)										
5	QPSK	1	0	24.22	24.88	24.43	25.5	0		
5	QPSK	1	12	24.23	24.45	24.41				
5	QPSK	1	24	24.28	24.44	24.38				
5	QPSK	12	0	23.26	23.53	23.32	24.5	1		
5	QPSK	12	7	23.31	23.49	23.38				
5	QPSK	12	13	23.28	23.50	23.39				
5	QPSK	25	0	23.22	23.47	23.38	24.5	1		
5	16QAM	1	0	23.58	23.73	23.44				
5	16QAM	1	12	23.58	23.76	23.48				
5	16QAM	1	24	23.57	23.63	23.35	23.5	2		
5	16QAM	12	0	22.25	22.32	22.38				
5	16QAM	12	7	22.25	22.41	22.31				
5	16QAM	12	13	22.28	22.48	22.45	23.5	2		
5	16QAM	25	0	22.30	22.38	22.35				
5	16QAM	1	0	21.89	22.34	22.04				
5	16QAM	1	12	22.32	22.37	22.27	22.5	3		
5	16QAM	1	24	22.38	22.43	22.11				
5	16QAM	12	0	21.54	21.85	21.78				
5	16QAM	12	7	21.73	21.84	21.80	22.5	3		
5	16QAM	12	13	21.80	21.89	21.89				
5	16QAM	25	0	21.81	21.87	21.85				

Band 7_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPH (dB)		
Channel				20850	21100	21380				
Frequency (MHz)										
20	QPSK	1	0	25.21	25.27	25.21	21.2	0		
20	QPSK	1	49	25.03	25.17	25.07				
20	QPSK	1	99	25.00	25.13	25.04				
20	QPSK	50	0	19.87	20.00	19.88	21.2	0		
20	QPSK	50	24	19.77	19.84	19.88				
20	QPSK	50	50	19.77	19.93	19.88				
20	QPSK	100	0	20.00	20.05	19.95	21.2	0		
20	16QAM	1	0	20.22	20.25	20.20				
20	16QAM	1	49	20.08	20.12	19.88				
20	16QAM	1	99	19.99	20.15	20.07	21.2	0		
20	16QAM	50	0	19.92	20.04	19.88				
20	16QAM	50	24	19.84	19.97	19.87				
20	16QAM	50	50	19.75	19.92	19.75	21.2	0		
20	16QAM	100	0	19.83	19.86	19.83				
20	16QAM	1	0	20.08	20.22	20.08	21.2	0		
20	16QAM	1	49	20.18	20.25	20.21				
20	16QAM	1	99	20.06	20.12	20.08				
20	16QAM	50	0	19.86	20.08	19.88	21.2	0		
20	16QAM									
Channel				20850	21100	21380				
Frequency (MHz)										
15	QPSK	1	0	25.19	25.28	25.13	21.2	0		
15	QPSK	1	37	24.94	25.06	25.03				
15	QPSK	1	81	25.01	25.13	25.01				
15	QPSK	36	0	19.82	19.86	19.81	21.2	0		
15	QPSK	36	36	19.73	19.89	19.80				
15	QPSK	36	72	19.74	19.81	19.77				
15	QPSK	72	0	19.67	19.97	19.83	21.2	0		
15	QPSK	72	36	19.67	19.77	19.77				
15	QPSK	72	72	19.67	19.82	19.77				
15	16QAM	1	37	25.02	25.01	25.01	21.2	0		
15	16QAM	1	74	25.06	25.03	25.09				
15	16QAM	1	111	25.07	25.03	25.09				
15	16QAM	36	36	19.81	19.87	19.86	21.2	0		
15	16QAM	36	72	19.73	19.86	19.77				
15	16QAM	36	108	19.73	19.86	19.77				
15	16QAM	72	0	19.64	19.92	19.76	21.2	0		
15	16QAM	72	37	19.63	19.93	19.73				
15	16QAM	72	73	19.63	19.93	19.73				
15	16QAM	36	0	19.77	19.83	19.86	21.2	0		
15	16QAM	36	36	19.68	19.82	19.87				
15	16QAM	36	72	19.68	19.82	19.87				
15	16QAM	72	0	19.69	19.95	19.80	21.2	0		
15	16QAM	72	36	19.69	19.95	19.80				
15	16QAM	72	72	19.69	19.95	19.80				
Channel				20850	21100	21380				
Frequency (MHz)										
10	QPSK	1	0	25.19	25.22	25.15	21.2	0		
10	QPSK	1	25	25.04	25.09	25.04				
10	QPSK	1	50	25.01	25.07	25.01				
10	QPSK	25	0	19.78	19.86	19.82	21.2	0		
10	QPSK	25	12	19.74	19.84	19.76				
10	QPSK	25	25	19.75	19.88	19.81				
10	QPSK	50	0	19.67	20.03	19.85	21.2	0		
10	QPSK	50	25	19.75	20.20	20.18				
10	QPSK	50	50	19.86	20.07	19.95				
10	16QAM	1	49	25.02	25.02	25.00	21.2	0		
10	16QAM	1	99	25.06	25.01	25.06				
10	16QAM	25	12	19.84	19.86	19.83				
10	16QAM	25	25	19.84	19.95	19.74	21.2	0		
10	16QAM	50	0	19.76	19.86	19.86				
10	16QAM	50	25	19.75	19.92	19.87				
10	16QAM	1	25	25.07	25.23	25.07	21.2	0		
10	16QAM	1	50	25.05	25.12	25.02				
10	16QAM	25	0	19.79	20.02	19.77				
10	16QAM	25	12	19.82	19.99	19.80	21.2	0		
10	16QAM	25	25	19.82	19.99	19.80				
10	16QAM	50	0	19.68	19.93	19.81				
10	16QAM									
Channel				20775	21100	21425				
Frequency (MHz)										
5	QPSK	1	0	25.19	25.25	25.15	21.2	0		
5	QPSK	1	12	24.99	25.14	25.02				
5	QPSK	1	24	25.01	25.13	25.01				
5	QPSK	12	0	19.77	19.93	19.80	21.2	0		
5	QPSK	12	7	19.65	19.87	19.73				
5	QPSK	12	13	19.65	19.87	19.73				
5	QPSK	25	0	19.66	20.01	19.80	21.2	0		
5	16QAM	1	0	25.20	25.17	25.07				
5	16QAM	1	12	25.01	25.13	25.01				
5	16QAM	1	24	25.07	25.09	25.04	21.2	0		
5	16QAM	12	0	19.86	20.00	19.80				
5	16QAM	12	6	19.84	19.94	19.84				
5	16QAM	12	13	19.73	19.79	19.66	21.2	0		
5	16QAM	25	0	19.65	20.00	19.82				
5	16QAM	25	1	19.65	20.16	19.80				
5	16QAM	1	12	25.05	25.17	25.18	21.2	0		
5	16QAM	1	24	25.01	25.13	25.01				
5	16QAM	12	0	19.86	19.93	19.86				
5	16QAM	12	7	19.65	19.91	19.81	21.2	0		
5	16QAM	12	13	19.74	19.84	19.74				
5	16QAM	25	0	19.63	19.84	19.65				

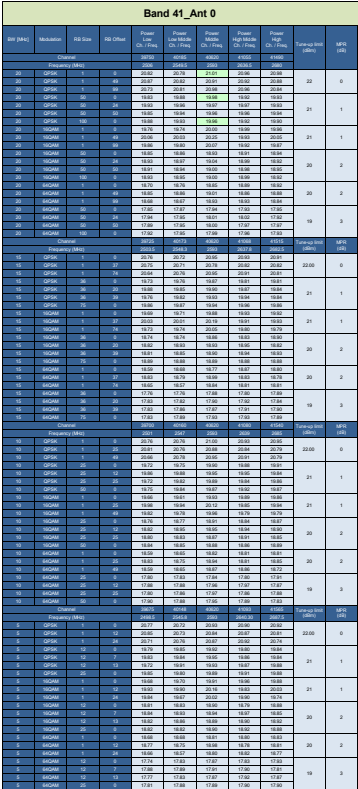


Band 12_Ant 0											
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch. (Frac.)	Power Media Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (Sec)	MFR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	24.68	24.56	24.47					
10	QPSK	1	25	24.52	24.58	24.58	25.5	0			
10	QPSK	1	49	24.89	24.75	24.66					
10	QPSK	25	0	23.84	23.67	23.54					
10	QPSK	25	12	23.86	23.61	23.47	24.5	1			
10	QPSK	25	25	23.89	23.67	23.55					
10	QPSK	50	0	23.84	23.62	23.51					
10	16QAM	1	0	24.31	23.94	24.20					
10	16QAM	1	25	24.12	24.15	24.15	24.5	1			
10	16QAM	1	49	24.33	24.58	24.47					
10	16QAM	25	0	22.96	22.92	22.92					
10	16QAM	25	12	23.04	23.01	23.03	23.5	2			
10	16QAM	25	25	22.97	22.97	23.01					
10	16QAM	50	0	23.00	23.06	23.01					
10	16QAM	1	0	22.84	22.88	22.92					
10	16QAM	1	25	23.01	23.12	23.43	23.5	2			
10	16QAM	1	49	23.00	23.03	22.99					
10	16QAM	25	0	21.72	21.67	21.68					
10	16QAM	25	12	22.08	21.98	21.86	22.5	3			
10	16QAM	25	25	22.09	21.87	22.02					
10	16QAM	50	0	21.82	21.87	22.03					
Channel											
Frequency (MHz)											
5	QPSK	1	0	24.55	24.79	24.84					
5	QPSK	1	12	24.79	24.79	24.76	25.5	0			
5	QPSK	1	24	24.76	24.65	24.75					
5	QPSK	12	0	23.75	23.80	23.71					
5	QPSK	12	7	23.80	23.86	23.86	24.5	1			
5	QPSK	12	13	23.84	23.85	23.79					
5	QPSK	25	0	23.67	23.63	23.60					
5	QPSK	25	12	24.22	23.81	23.89					
5	16QAM	1	0	24.02	24.02	24.09	24.5	1			
5	16QAM	1	24	24.04	23.97	23.91					
5	16QAM	12	0	22.77	22.90	22.87					
5	16QAM	12	7	22.94	22.93	22.94	23.5	2			
5	16QAM	12	13	22.96	22.91	22.93					
5	16QAM	25	0	22.05	22.02	22.07					
5	16QAM	1	0	22.70	23.23	22.89					
5	16QAM	1	12	23.86	23.87	23.78	23.5	2			
5	16QAM	1	24	22.97	22.90	22.94					
5	16QAM	12	0	21.63	21.87	21.85					
5	16QAM	12	7	21.84	21.83	21.72	22.5	3			
5	16QAM	12	13	21.99	21.85	21.92					
5	16QAM	25	0	21.80	21.89	21.94					
Channel											
Frequency (MHz)											
3	QPSK	1	0	24.52	24.72	24.50					
3	QPSK	1	0	24.74	24.79	24.76	25.5	0			
3	QPSK	1	14	24.74	24.68	24.74					
3	QPSK	8	0	22.88	23.81	23.70					
3	QPSK	8	4	23.86	23.94	23.84	24.5	1			
3	QPSK	8	7	23.85	23.84	23.81					
3	QPSK	16	0	22.72	23.86	23.89					
3	16QAM	1	0	24.02	23.94	24.10					
3	16QAM	1	8	24.01	24.05	24.03	24.5	1			
3	16QAM	1	14	24.28	24.44	24.37					
3	16QAM	8	0	22.84	22.83	22.81					
3	16QAM	8	4	22.94	22.82	22.89	23.5	2			
3	16QAM	8	7	22.87	22.87	22.89					
3	16QAM	16	0	22.80	22.99	22.96					
3	16QAM	1	0	22.71	23.21	22.89	23.5	2			
3	16QAM	1	8	22.89	23.63	23.36					
3	16QAM	1	14	23.86	23.90	23.84					
3	16QAM	8	0	21.89	21.81	21.71	22.5	3			
3	16QAM	8	4	21.83	21.83	21.83					
3	16QAM	8	7	21.87	21.88	21.86					
3	16QAM	16	0	21.76	21.90	21.89					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	24.57	24.70	24.52					
1.4	QPSK	1	3	24.75	24.71	24.72	25.5	0			
1.4	QPSK	1	0	24.73	24.71	24.69					
1.4	QPSK	3	0	24.41	24.64	24.41					
1.4	QPSK	3	1	24.63	24.57	24.71					
1.4	QPSK	3	1	24.59	24.69	24.69					
1.4	QPSK	6	0	23.72	23.83	23.82	24.5	1			
1.4	16QAM	1	0	24.21	23.82	24.03					
1.4	16QAM	1	3	24.26	24.41	24.42	24.5	1			
1.4	16QAM	1	3	24.25	24.41	24.34					
1.4	16QAM	3	0	24.15	23.88	23.94					
1.4	16QAM	3	1	23.86	23.94	24.01					
1.4	16QAM	3	3	24.14	24.25	24.24					
1.4	16QAM	6	0	22.83	22.87	22.85	23.5	2			
1.4	16QAM	1	0	22.82	22.90	22.86					
1.4	16QAM	1	3	22.99	22.97	22.95	23.5	2			
1.4	16QAM	3	0	22.86	23.12	22.83					
1.4	16QAM	3	1	22.76	22.97	23.20					
1.4	16QAM	3	3	22.73	22.83	22.72					
1.4	16QAM	6	0	21.75	21.86	21.83	22.5	3			

Band 12_Ant 1											
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch. (Frac.)	Power Media Ch. (Frac.)	Power High Ch. (Frac.)	Turnup time (sec)	MFR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	23.47	23.52	23.37					
10	QPSK	1	25	23.43	23.36	23.36	25	0			
10	QPSK	1	49	23.43	23.34	23.37					
10	QPSK	25	0	22.83	23.18	23.14					
10	QPSK	25	12	22.83	22.96	22.87	24.5	0.5			
10	QPSK	25	25	22.81	23.02	22.79					
10	QPSK	50	0	22.80	22.95	22.72					
10	16QAM	1	0	22.77	22.89	22.82					
10	16QAM	1	25	22.81	22.81	22.87	24.5	0.5			
10	16QAM	1	49	22.79	22.85	22.85					
10	16QAM	25	0	21.92	22.09	21.85					
10	16QAM	25	12	22.45	21.96	21.83	23.5	1.5			
10	16QAM	25	25	22.05	22.05	22.03					
10	16QAM	50	0	22.08	21.84	22.03					
10	16QAM	1	0	22.02	22.05	21.77					
10	16QAM	1	25	22.26	22.26	22.10	23.5	1.5			
10	16QAM	1	49	22.14	22.16	22.47					
10	16QAM	25	0	20.93	20.97	20.86					
10	16QAM	25	12	21.06	21.00	20.97	22.5	2.5			
10	16QAM	25	25	21.06	21.06	21.04					
10	16QAM	50	0	21.09	20.75	21.07					
Channel											
Frequency (MHz)											
5	QPSK	1	0	23.37	23.05	23.28					
5	QPSK	1	12	23.34	23.48	23.31	25	0			
5	QPSK	1	24	23.37	23.06	23.23					
5	QPSK	12	0	22.72	22.82	22.69					
5	QPSK	12	7	22.77	22.87	22.80	24.5	0.5			
5	QPSK	12	13	22.81	22.87	22.86					
5	QPSK	24	0	22.84	22.87	22.87					
5	16QAM	1	0	22.67	22.88	22.87					
5	16QAM	1	12	22.68	22.74	22.59	24.5	0.5			
5	16QAM	1	12	22.82	22.85	22.83					
5	16QAM	12	0	21.89	21.88	21.79					
5	16QAM	12	7	22.02	21.86	21.72	23.5	1.5			
5	16QAM	12	13	22.04	21.86	21.87					
5	16QAM	24	0	21.86	21.78	21.85					
5	16QAM	1	0	21.87	21.94	21.68					
5	16QAM	1	12	22.04	22.06	22.04	23.5	1.5			
5	16QAM	1	24	22.08	22.11	22.41					
5	16QAM	12	0	20.82	20.86	20.83					
5	16QAM	12	7	21.00	21.00	21.00					
5	16QAM	12	13	20.99	20.87	20.97	22.5	2.5			
5	16QAM	25	0	20.92	20.84	20.89					
Channel					-63.4	-63.6	-61.7	Turnup time (sec)	MFR (dB)		
Frequency (MHz)											
1.4	QPSK	1	0	23.96	23.91	23.95					
1.4	QPSK	1	3	23.93	23.46	23.91	25	0			
1.4	QPSK	1	6	23.93	23.52	23.92					
1.4	QPSK	1	9	23.91	23.36	23.91					
1.4	QPSK	3	1	23.20	23.32	23.18					
1.4	QPSK	3	4	23.20	23.32	23.18	25	0			
1.4	QPSK	3	7	23.18	23.32	23.18					
1.4	QPSK	3	10	22.76	22.85	22.67	24.5	0.5			
1.4	QPSK	6	1	22.71	22.69	22.58					
1.4	QPSK	6	4	22.71	22.69	22.58	24.5	0.5			
1.4	QPSK	6	7	22.68	22.67	22.67					
1.4	QPSK	6	10	22.68	22.68	22.51					
1.4	16QAM	1	0	22.96	22.84	22.95					
1.4	16QAM	1	3	22.96	22.84	22.92	24.5	0.5			
1.4	16QAM	1	6	22.94	22.71	22.91	23.5	1.5			
1.4	16QAM	1	9	22.91	22.65	22.91					
1.4	16QAM	3	1	22.23	22.10	22.36					
1.4	16QAM	3	4	22.23	21.83	22.36	23.5	1.5			
1.4	16QAM	3	7	22.09	22.05	22.11					
1.4	16QAM	3	10	21.97	22.00	22.07					
1.4	16QAM	6	1	21.97	21.98	21.97	22.5	2.5			

Band 17_Ant 0														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tot Power (dBm)	MVR (dB)						
Channel														
Frequency (MHz)														
10	QPSK	1	0	24.96	24.97	24.92	25.5	0						
10	QPSK	1	25	24.77	24.89	24.85								
10	QPSK	1	49	24.68	24.88	24.81								
10	QPSK	25	0	23.87	23.98	23.92								
10	QPSK	25	12	23.91	23.97	23.96								
10	QPSK	25	25	23.90	23.87	23.83	24.5	1						
10	QPSK	50	0	23.91	24.06	24.03								
10	16QAM	1	0	24.04	24.20	24.23								
10	16QAM	1	25	24.26	24.07	24.11								
10	16QAM	1	49	24.27	24.26	24.50								
10	16QAM	25	0	23.00	22.92	23.04	23.5	2						
10	16QAM	25	12	22.87	22.76	22.88								
10	16QAM	25	25	23.01	22.99	23.06								
10	16QAM	50	0	22.94	23.01	23.02								
10	16QAM	1	0	22.59	22.87	22.71								
10	64QAM	1	25	22.85	23.16	22.88	23.5	2						
10	64QAM	1	49	23.28	22.86	23.28								
10	64QAM	25	0	22.88	21.96	21.81								
10	64QAM	25	12	22.08	22.08	22.00								
10	64QAM	25	25	21.83	21.92	21.81								
10	64QAM	50	0	22.01	22.02	22.00								
Channel														
Frequency (MHz)														
5	QPSK	1	0	24.82	24.81	24.71	25.5	0						
5	QPSK	1	12	24.68	24.74	24.71								
5	QPSK	1	24	24.57	24.86	24.84								
5	QPSK	12	0	23.79	23.82	23.82								
5	QPSK	12	7	23.82	23.81	23.88								
5	QPSK	12	13	23.78	23.76	23.81	24.5	1						
5	QPSK	25	0	23.79	23.82	23.82								
5	16QAM	1	0	23.81	24.00	24.26								
5	16QAM	1	12	24.18	24.03	24.01								
5	16QAM	1	24	24.21	24.31	24.48								
5	16QAM	12	0	22.83	22.76	22.96	23.5	2						
5	16QAM	12	7	22.85	22.95	22.77								
5	16QAM	12	13	22.89	22.88	22.89								
5	16QAM	25	0	22.83	22.85	22.95								
5	64QAM	1	0	23.43	23.02	22.63								
5	64QAM	1	12	23.70	23.06	22.76	23.5	2						
5	64QAM	1	24	23.13	22.47	23.14								
5	64QAM	12	0	21.89	21.93	21.82								
5	64QAM	12	7	21.83	22.82	21.87								
5	64QAM	12	13	21.88	21.77	21.76								
5	64QAM	25	0	21.87	21.87	21.89								

Band 17_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tot Power (dBm)	MVR (dB)						
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.59	23.74	23.45	25	0						
10	QPSK	1	25	23.73	23.51	23.92								
10	QPSK	1	49	23.68	23.67	23.72								
10	QPSK	25	0	23.14	23.27	23.14								
10	QPSK	25	12	23.20	23.18	23.12								
10	QPSK	25	25	23.23	23.28	23.13	24.5	0.5						
10	QPSK	50	0	23.29	23.36	23.21								
10	16QAM	1	0	23.65	23.67	23.38								
10	16QAM	1	25	23.39	23.24	23.40								
10	16QAM	1	49	23.61	23.35	23.69								
10	16QAM	25	0	22.23	22.12	22.19	23.5	1.5						
10	16QAM	25	12	22.48	22.49	22.16								
10	16QAM	25	25	22.25	22.25	22.15								
10	16QAM	50	0	22.21	22.28	22.27								
10	16QAM	1	0	22.51	22.49	22.28								
10	64QAM	1	25	22.25	22.30	22.51	23.5	1.5						
10	64QAM	1	49	22.50	22.24	22.45								
10	64QAM	25	0	21.26	21.19	21.18								
10	64QAM	25	12	21.25	21.24	21.13								
10	64QAM	25	25	21.18	21.23	21.24								
10	64QAM	50	0	21.27	21.28	21.28								
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.51	23.66	23.38	25	0						
5	QPSK	1	12	23.60	23.44	23.44								
5	QPSK	1	24	23.65	23.61	23.89								
5	QPSK	12	0	23.11	23.17	23.04								
5	QPSK	12	7	23.15	23.15	23.05								
5	QPSK	12	13	23.15	23.13	23.05	24.5	0.5						
5	QPSK	25	0	23.17	23.05	23.18								
5	16QAM	1	0	23.53	23.65	23.25								
5	16QAM	1	12	23.24	23.13	23.31								
5	16QAM	1	24	23.58	23.35	23.48								
5	16QAM	12	0	22.20	22.08	22.13	23.5	1.5						
5	16QAM	12	7	22.33	22.22	21.94								
5	16QAM	12	13	22.18	22.14	22.07								
5	16QAM	25	0	22.05	22.25	22.15								
5	64QAM	1	0	22.48	22.37	22.42								
5	64QAM	1	12	22.22	22.24	22.44	23.5	1.5						
5	64QAM	1	24	22.41	22.13	22.42								
5	64QAM	12	0	21.68	21.16	21.05								
5	64QAM	12	7	21.51	21.10	21.07								
5	64QAM	12	13	21.68	21.12	21.14								
5	64QAM	25	0	21.23	21.18	21.23								

[illegible][illegible][illegible]

Band 42_Ant 4										
SR [MHz]	Modulation	RB Size	RB Offset	Power (E-Flux)	Power (E-Flux)	Power (E-Flux)	Transmit Band (MHz)	SR [MHz]	Modulation	RB Size
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.76	21.77	21.78	215	0		
20	QPSK	1	80	21.76	21.77	21.78				
20	QPSK	1	160	21.81	21.81	21.82				
20	QPSK	80	0	21.76	21.76	21.76				
20	QPSK	30	24	21.76	21.77	21.80	215	0		
20	QPSK	30	24	21.76	21.77	21.80				
20	QPSK	160	0	21.76	21.77	21.87				
20	QPSK	1	80	21.76	21.76	21.80	215	0		
20	QPSK	1	160	21.77	21.78	21.80				
20	QPSK	30	0	21.76	21.76	21.80				
20	QPSK	30	24	21.77	21.80	21.80	21	0.5		
20	QPSK	30	24	21.77	21.80	21.80				
20	QPSK	160	0	21.77	21.77	21.87				
20	QPSK	1	80	21.77	21.78	21.80	21	0.5		
20	QPSK	1	160	21.78	21.80	21.81				
20	QPSK	30	0	21.77	21.78	21.80				
20	QPSK	30	24	21.78	21.80	21.80	21	1.5		
20	QPSK	30	24	21.78	21.80	21.80				
20	QPSK	160	0	21.78	21.80	21.87				
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.88	21.88	21.91	215	0		
15	QPSK	1	80	21.88	21.88	21.91				
15	QPSK	1	160	21.88	21.88	21.91				
15	QPSK	30	0	21.88	21.88	21.91				
15	QPSK	30	24	21.88	21.88	21.91	215	0		
15	QPSK	30	24	21.88	21.88	21.91				
15	QPSK	160	0	21.88	21.88	21.91				
15	QPSK	1	80	21.79	21.79	21.88	215	0		
15	QPSK	1	160	21.84	21.84	21.88				
15	QPSK	30	0	21.84	21.84	21.88				
15	QPSK	30	24	21.87	21.87	21.87	21	0.5		
15	QPSK	30	24	21.87	21.87	21.87				
15	QPSK	160	0	21.87	21.87	21.91				
15	QPSK	1	80	21.87	21.87	21.88	21	0.5		
15	QPSK	1	160	21.88	21.88	21.88				
15	QPSK	30	0	21.87	21.87	21.88				
15	QPSK	30	24	21.89	21.89	21.89	21	1.5		
15	QPSK	30	24	21.89	21.89	21.89				
15	QPSK	160	0	21.89	21.89	21.91				
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.92	21.93	21.93	215	0		
10	QPSK	1	80	21.92	21.92	21.93				
10	QPSK	1	160	21.92	21.92	21.93				
10	QPSK	30	0	21.92	21.92	21.93				
10	QPSK	30	24	21.92	21.92	21.93	215	0		
10	QPSK	30	24	21.92	21.92	21.93				
10	QPSK	160	0	21.92	21.92	21.93				
10	QPSK	1	80	21.93	21.93	21.93	215	0		
10	QPSK	1	160	21.93	21.93	21.93				
10	QPSK	30	0	21.93	21.93	21.93				
10	QPSK	30	24	21.93	21.93	21.93	21	0.5		
10	QPSK	30	24	21.93	21.93	21.93				
10	QPSK	160	0	21.93	21.93	21.93				
10	QPSK	1	80	21.93	21.93	21.93	21	0.5		
10	QPSK	1	160	21.93	21.93	21.93				
10	QPSK	30	0	21.93	21.93	21.93				
10	QPSK	30	24	21.93	21.93	21.93	21	1.5		
10	QPSK	30	24	21.93	21.93	21.93				
10	QPSK	160	0	21.93	21.93	21.93				

Band 42_Ant 5										
SR [MHz]	Modulation	RB Size	RB Offset	Power (E-Flux)	Power (E-Flux)	Power (E-Flux)	Transmit Band (MHz)	SR [MHz]	Modulation	RB Size
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.92	21.92	21.92	212	0		
20	QPSK	1	80	21.92	21.92	21.92				
20	QPSK	1	160	21.92	21.92	21.92				
20	QPSK	30	0	21.92	21.92	21.92				
20	QPSK	30	24	21.92	21.92	21.92	212	0		
20	QPSK	30	24	21.92	21.92	21.92				
20	QPSK	160	0	21.92	21.92	21.92				
20	QPSK	1	80	21.92	21.92	21.92	212	0		
20	QPSK	1	160	21.92	21.92	21.92				
20	QPSK	30	0	21.92	21.92	21.92				
20	QPSK	30	24	21.92	21.92	21.92	212	0		
20	QPSK	30	24	21.92	21.92	21.92				
20	QPSK	160	0	21.92	21.92	21.92				
20	QPSK	1	80	21.92	21.92	21.92	212	0		
20	QPSK	1	160	21.92	21.92	21.92				
20	QPSK	30	0	21.92	21.92	21.92				
20	QPSK	30	24	21.92	21.92	21.92	212	0		
20	QPSK	30	24	21.92	21.92	21.92				
20	QPSK	160	0	21.92	21.92	21.92				
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.92	21.92	21.92	212	0		
15	QPSK	1	80	21.92	21.92	21.92				
15	QPSK	1	160	21.92	21.92	21.92				
15	QPSK	30	0	21.92	21.92	21.92				
15	QPSK	30	24	21.92	21.92	21.92	212	0		
15	QPSK	30	24	21.92	21.92	21.92				
15	QPSK	160	0	21.92	21.92	21.92				
15	QPSK	1	80	21.92	21.92	21.92	212	0		
15	QPSK	1	160	21.92	21.92	21.92				
15	QPSK	30	0	21.92	21.92	21.92				
15	QPSK	30	24	21.92	21.92	21.92	212	0		
15	QPSK	30	24	21.92	21.92	21.92				
15	QPSK	160	0	21.92	21.92	21.92				
15	QPSK	1	80	21.92	21.92	21.92	212	0		
15	QPSK	1	160	21.92	21.92	21.92				
15	QPSK	30	0	21.92	21.92	21.92				
15	QPSK	30	24	21.92	21.92	21.92	212	0		
15	QPSK	30	24	21.92	21.92	21.92				
15	QPSK	160	0	21.92	21.92	21.92				
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.92	21.92	21.92	212	0		
10	QPSK	1	80	21.92	21.92	21.92				
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		
10	QPSK	30	24	21.92	21.92	21.92				
10	QPSK	160	0	21.92	21.92	21.92				
10	QPSK	1	80	21.92	21.92	21.92	212	0		
10	QPSK	1	160	21.92	21.92	21.92				
10	QPSK	30	0	21.92	21.92	21.92				
10	QPSK	30	24	21.92	21.92	21.92	212	0		

Reduced Power for DSI 3

Band 2_Ant 2									
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power Low Ch. Freq.	Power High Ch. Freq.	Turn-up time (sec)	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.74	23.74	23.82	23.82	24.5	0
20	QPSK	1	49	23.78	23.77	23.88	23.88		
20	QPSK	1	99	23.87	23.77	23.88	23.88		
20	QPSK	24	0	23.74	23.87	23.83	23.83		
20	QPSK	50	0	23.75	23.51	23.88	23.88	23.5	1
20	QPSK	100	0	23.54	23.54	23.82	23.82		
20	16QAM	1	0	23.07	23.05	23.27	23.27		
20	16QAM	1	49	23.28	23.23	23.29	23.29		
20	16QAM	1	99	23.28	23.13	23.29	23.29	23.5	1
20	16QAM	50	0	21.82	21.89	21.88	21.88		
20	16QAM	50	24	21.85	21.96	21.85	21.85		
20	16QAM	50	50	21.85	21.85	21.85	21.85		
20	16QAM	100	0	21.85	21.85	21.82	21.82	22.5	2
20	16QAM	1	0	21.85	22.05	21.99	21.99		
20	16QAM	1	49	21.85	22.13	21.96	21.96		
20	16QAM	1	99	21.88	22.05	22.05	22.05		
20	16QAM	50	24	20.80	20.97	20.86	20.86	21.5	3
20	16QAM	50	50	20.79	20.91	20.87	20.87		
20	16QAM	100	0	20.85	20.86	20.81	20.81		
20	16QAM	100	0	20.85	20.86	20.81	20.81		
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.70	23.70	23.75	23.75	24.5	0
15	QPSK	1	97	23.70	23.74	23.85	23.85		
15	QPSK	1	14	23.64	23.74	23.71	23.71		
15	QPSK	36	0	23.75	23.81	23.78	23.78		
15	QPSK	36	36	23.75	23.81	23.81	23.81	23.5	1
15	QPSK	36	36	23.75	23.84	23.81	23.81		
15	16QAM	1	0	23.02	23.08	23.15	23.15		
15	16QAM	1	37	23.19	23.43	23.18	23.18		
15	16QAM	1	74	23.63	23.65	23.65	23.65	22.5	2
15	16QAM	36	0	21.89	22.00	21.77	21.77		
15	16QAM	36	36	21.77	21.84	21.80	21.80		
15	16QAM	36	39	21.82	21.85	21.83	21.83		
15	16QAM	1	0	21.93	22.01	21.94	21.94	22.5	2
15	16QAM	1	37	21.72	22.01	21.83	21.83		
15	16QAM	36	0	20.80	20.86	20.87	20.87		
15	16QAM	36	25	20.77	20.85	20.78	20.78		
15	16QAM	75	0	20.80	20.81	20.77	20.77	Turn-up time (sec)	MPR (dB)
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.60	23.50	23.65	23.65	24.5	0
10	QPSK	1	25	23.61	23.71	23.79	23.79		
10	QPSK	1	49	23.62	23.62	23.76	23.76		
10	QPSK	25	0	23.60	23.64	23.76	23.76		
10	QPSK	25	12	23.74	23.74	23.75	23.75	23.5	1
10	QPSK	25	25	23.75	23.75	23.80	23.80		
10	QPSK	50	0	23.57	23.75	23.50	23.50		
10	QPSK	50	0	23.65	23.59	23.97	23.97		
10	16QAM	1	25	23.21	23.44	23.22	23.22	23.5	1
10	16QAM	1	49	23.59	23.54	23.58	23.58		
10	16QAM	25	0	21.74	21.82	21.88	21.88		
10	16QAM	25	12	21.85	21.84	21.83	21.83		
10	16QAM	25	25	21.79	21.83	21.85	21.85	22.5	2
10	16QAM	50	0	21.78	21.80	21.78	21.78		
10	16QAM	50	0	21.85	21.78	21.85	21.85		
10	16QAM	1	25	21.78	22.06	21.86	21.86		
10	16QAM	1	49	21.85	21.82	21.84	21.84	21.5	3
10	16QAM	25	0	20.88	20.89	20.79	20.79		
10	16QAM	25	12	20.82	20.94	20.74	20.74		
10	16QAM	25	25	20.77	20.84	20.71	20.71		
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.69	23.68	23.75	23.75	24.5	0
5	QPSK	1	12	23.60	23.70	23.76	23.76		
5	QPSK	1	24	23.65	23.74	23.84	23.84		
5	QPSK	12	0	23.75	23.83	23.78	23.78		
5	QPSK	12	7	23.81	23.85	23.72	23.72	23.5	1
5	QPSK	12	13	23.78	23.79	23.75	23.75		
5	QPSK	25	0	23.76	23.81	23.75	23.75		
5	QPSK	25	0	23.82	23.85	23.78	23.78		
5	16QAM	1	0	23.62	23.69	23.74	23.74	23.5	1
5	16QAM	1	12	23.58	23.59	23.23	23.23		
5	16QAM	1	24	23.61	23.74	23.24	23.24		
5	16QAM	12	0	21.89	21.83	21.83	21.83		
5	16QAM	12	7	21.85	21.89	21.83	21.83	22.5	2
5	16QAM	12	13	21.82	21.78	21.85	21.85		
5	16QAM	25	0	21.72	21.74	21.76	21.76		
5	16QAM	25	0	21.82	21.86	21.90	21.90		
5	16QAM	1	0	21.82	21.98	21.87	21.87	22.5	2
5	16QAM	1	12	21.77	22.03	21.88	21.88		
5	16QAM	1	24	21.80	21.97	21.81	21.81		
5	16QAM	12	0	20.85	20.82	20.77	20.77		
5	16QAM	12	7	20.80	20.86	20.80	20.80	21.5	3
5	16QAM	12	13	20.73	20.88	20.83	20.83		
5	16QAM	25	0	20.75	20.73	20.70	20.70		
5	16QAM	25	0	20.75	20.73	20.70	20.70		
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.69	23.87	23.77	23.77	24.5	0
3	QPSK	1	8	23.65	23.85	23.77	23.77		
3	QPSK	1	14	23.63	23.74	23.68	23.68		
3	QPSK	8	0	23.69	23.81	23.82	23.82		
3	QPSK	8	4	23.81	23.75	23.74	23.74	23.5	1
3	QPSK	8	7	23.71	23.85	23.78	23.78		
3	QPSK	15	0	23.75	23.84	23.79	23.79		
3	QPSK	15	0	23.82	23.86	23.78	23.78		
3	16QAM	1	0	23.62	23.69	23.74	23.74	23.5	1
3	16QAM	1	14	23.65	23.68	23.61	23.61		
3	16QAM	8	0	21.74	21.83	21.78	21.78		
3	16QAM	8	4	21.81	21.82	21.83	21.83		
3	16QAM	8	7	21.77	21.89	21.79	21.79	22.5	2
3	16QAM	15	0	21.78	21.83	21.71	21.71		
3	16QAM	1	0	21.82	21.98	21.87	21.87		
3	16QAM	1	0	21.85	22.05	21.87	21.87		
3	16QAM	14	0	21.78	21.86	21.89	21.89	21.5	3
3	16QAM	0	0	20.80	20.82	20.80	20.80		
3	16QAM	8	4	20.78	20.85	20.79	20.79		
3	16QAM	8	7	20.80	20.81	20.75	20.75		
3	16QAM	15	0	20.81	20.74	20.75	20.75	Turn-up time (sec)	MPR (dB)
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	23.72	23.87	23.85	23.85	24.5	0
1.4	QPSK	1	3	23.73	23.73	23.85	23.85		
1.4	QPSK	1	5	23.84	23.72	23.71	23.71		
1.4	QPSK	3	0	23.68	23.79	23.72	23.72		
1.4	QPSK	3	1	23.68	23.69	23.70	23.70	23.5	1
1.4	QPSK	3	3	23.67	23.65	23.66	23.66		
1.4	QPSK	6	0	23.75	23.86	23.76	23.76		
1.4	16QAM	1	0	23.67	23.60	23.74	23.74	23.5	1
1.4	16QAM	1	3	23.67	23.62	23.69	23.69		
1.4	16QAM	3	0	23.68	23.72	23.72	23.72		
1.4	16QAM	3	3	23.69	23.72	23.74	23.74	22.5	2
1.4	16QAM	6	0	23.72	23.80	23.76	23.76		
1.4	16QAM	3	3	23.69	23.70	23.71	23.71		
1.4	16QAM	6	0	23.75	23.77	23.78	23.78	22.5	2
1.4	16QAM	3	3	23.69	23.70	23.71	23.71		
1.4	16QAM	1	0	21.73	22.08	21.84	21.84		
1.4	16QAM	1	0	21.80	21.81	21.88	21.88	22.5	2
1.4	16QAM	1	3	21.79	21.87	21.87	21.87		
1.4	16QAM	3	0	21.73	22.10	21.85	21.85		
1.4	16QAM	3	3	21.78	22.00	21.93	21.93	21.5	3
1.4	16QAM	6	0	20.83	20.89	20.84	20.84		
1.4	16QAM	6	3	20.80	20.81	20.76	20.76		



Band 4_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (W)	Power High (W)	Power High (W)	Turn-up (min)	APRS (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.06	22.06	22.06				
20	QPSK	1	49	22.04	22.06	22.04	23	0		
20	QPSK	1	99	22.02	22.04	22.02				
20	QPSK	50	0	22.02	22.06	22.02				
20	QPSK	50	24	21.94	22.04	21.94	23	0		
20	QPSK	50	50	21.95	21.95	21.95				
20	16QAM	1	0	21.97	22.02	21.98				
20	16QAM	1	49	21.97	21.97	22.01	23	0		
20	16QAM	1	99	22.01	22.03	22.03				
20	16QAM	50	0	21.95	21.97	21.98				
20	16QAM	50	24	21.87	21.87	21.87	23	0		
20	16QAM	50	50	21.945	21.93	21.941				
20	16QAM	100	0	21.94	21.93	21.93				
20	16QAM	1	0	21.95	21.97	21.95				
20	16QAM	1	49	21.95	22	21.94	23	0		
20	16QAM	1	99	21.98	21.98	21.92				
20	16QAM	50	0	21.12	21.48	21.52				
20	16QAM	50	24	21.43	21.41	21.51	22.5	0.5		
20	16QAM	50	50	21.28	21.31	21.34				
20	16QAM	100	0	21.34	21.4	21.45				
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.88	21.88	21.88				
15	QPSK	1	37	21.88	21.87	21.83	23	0		
15	QPSK	1	74	21.96	21.96	22				
15	QPSK	36	0	21.82	21.81	21.85				
15	QPSK	36	18	21.82	21.84	21.85	23	0		
15	QPSK	36	59	21.84	21.87	21.89				
15	QPSK	75	0	21.85	21.88	21.85				
15	16QAM	1	0	21.79	21.84	21.85				
15	16QAM	1	37	21.72	21.77	21.77	23	0		
15	16QAM	1	74	21.89	21.9	21.91				
15	16QAM	36	0	21.87	21.87	21.84				
15	16QAM	36	20	21.69	21.85	21.54	23	0		
15	16QAM	36	59	21.43	21.44	21.29				
15	16QAM	75	0	21.52	21.42	21.58				
15	16QAM	1	0	21.91	21.89	21.79	23	0		
15	16QAM	1	37	21.95	21.96	21.95				
15	16QAM	1	74	21.81	21.8	21.83	23	0		
15	16QAM	36	0	20.58	20.86	20.89				
15	16QAM	36	20	20.62	20.87	21.01	22.5	0.5		
15	16QAM	36	59	20.76	20.92	20.91				
15	16QAM	75	0	20.76	20.8	20.84				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.03	22.03	22.04				
10	QPSK	1	25	22.02	21.97	21.91	23	0		
10	QPSK	12	0	21.96	21.96	21.96				
10	QPSK	25	0	21.93	21.93	21.93				
10	QPSK	25	12	21.9	21.91	21.91	23	0		
10	QPSK	25	25	21.88	21.86	21.88				
10	QPSK	50	0	21.88	21.93	21.93				
10	16QAM	1	0	21.88	21.83	21.84	23	0		
10	16QAM	1	12	21.71	21.72	21.72				
10	16QAM	1	49	21.95	22	21.9				
10	16QAM	25	0	21.87	21.88	21.85				
10	16QAM	25	12	21.4	21.49	21.31	23	0		
10	16QAM	50	0	21.53	21.54	21.52				
10	16QAM	50	25	21.5	21.49	21.4	23	0		
10	16QAM	1	0	21.91	21.89	21.82	23	0		
10	16QAM	1	25	22.03	21.9	21.45				
10	16QAM	25	0	21.85	20.82	20.87	22.5	0.5		
10	16QAM	25	25	20.76	20.76	20.71				
10	16QAM	50	0	20.81	20.82	20.81				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.03	22.03	22.03				
5	QPSK	1	12	21.98	21.93	21.9	23	0		
5	QPSK	1	24	21.93	21.83	22.01				
5	QPSK	8	0	21.85	21.82	21.82				
5	QPSK	8	4	21.85	21.86	21.87	23	0		
5	QPSK	15	0	21.91	21.82	21.87				
5	16QAM	1	0	21.78	21.93	21.82				
5	16QAM	1	6	21.78	21.73	21.76	23	0		
5	16QAM	1	14	21.9	21.82	21.81				
5	16QAM	8	0	21.87	21.82	21.86				
5	16QAM	8	4	21.61	21.62	21.53	23	0		
5	16QAM	15	0	21.53	21.4	21.31				
5	16QAM	15	6	21.54	21.55	21.58	23	0		
5	16QAM	1	0	21.82	21.82	21.84				
5	16QAM	1	6	21.86	21.81	21.84	23	0		
5	16QAM	1	14	21.87	21.85	21.81				
5	16QAM	8	0	21.1	21.48	21.42				
5	16QAM	8	4	21.4	21.3	21.48	22.5	0.5		
5	16QAM	8	14	21.24	21.27	21.25				
5	16QAM	15	0	21.3	21.27	21.41				
Channel										
Frequency (MHz)										
0.4	QPSK	1	0	22	22.03	22				
0.4	QPSK	1	3	21.95	22.04	21.91	23	0		
0.4	QPSK	3	0	21.92	22.02	21.89				
0.4	QPSK	3	1	21.88	21.91	21.84				
0.4	QPSK	3	1	21.88	21.88	21.87				
0.4	QPSK	6	0	21.87	21.88	21.85	23	0		
0.4	16QAM	1	0	21.82	21.86	21.85				
0.4	16QAM	1	21.72	21.82	21.78					
0.4	16QAM	1	0	21.86	21.82	21.85	23	0		
0.4	16QAM	3	0	21.53	21.65	21.61				
0.4	16QAM	3	1	21.58	21.63	21.55				
0.4	16QAM	3	3	21.58	21.49	21.37	23	0		
0.4	16QAM	6	0	21.81	21.83	21.5	23	0		
0.4	16QAM	1	0	21.89	21.82	21.79				
0.4	16QAM	1	3	21.82	21.85	21.81				
0.4	16QAM	1	6	21.83	21.87	21.84	23	0		
0.4	16QAM	3	1	21.87	21.77	21.82				
0.4	16QAM	3	1	21.89	22	21.85				
0.4	16QAM	3	3	21.58	21.51	21.45				
0.4	16QAM	6	0	21.25	21.34	21.43	22.5	0.5		

Band 4_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Turnup (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.63	21.63	21.63				
20	QPSK	1	49	21.13	21.20	21.48	23	0		
20	QPSK	1	99	21.16	21.45	21.41				
20	QPSK	50	0	21.22	21.37	21.52				
20	QPSK	50	24	21.22	21.31	21.48				
20	QPSK	50	50	21.16	21.28	21.38	23	0		
20	QPSK	100	0	21.27	21.46	21.45				
20	16QAM	1	0	21.12	21.42	21.39				
20	16QAM	1	43	21.32	21.66	21.37	23	0		
20	16QAM	1	99	21.13	21.45	21.54				
20	16QAM	50	0	21.17	21.38	21.37				
20	16QAM	50	24	21.11	21.16	21.48	23	0		
20	16QAM	100	0	21.29	21.33	21.58				
20	16QAM	100	24	21.27	21.47	21.47				
20	16QAM	1	49	21.17	21.63	21.49	23	0		
20	16QAM	1	99	21.22	21.62	21.57				
20	16QAM	50	0	21.16	21.37	21.48				
20	16QAM	50	24	20.17	20.32	20.53	23	0		
20	16QAM	50	50	20.29	20.37	20.28				
20	16QAM	100	0	20.31	20.37	20.28				
20	16QAM	100	24	20.31	20.37	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.17	17.17	17.17			Turnup (min)	MFR (dB)
15	QPSK	1	37	16.05	17.18	17.31	23	0		
15	QPSK	1	14	17.04	17.41	17.29				
15	QPSK	14	0	17.04	17.34	17.41				
15	QPSK	38	0	17.14	17.28	17.42				
15	QPSK	38	19	17.04	17.22	17.25				
15	QPSK	38	56	17.04	17.25	17.43	23	0		
15	QPSK	1	0	17.04	17.05	17.15				
15	QPSK	1	37	17.23	17.47	17.32				
15	QPSK	1	14	17.23	17.53	17.41	23	0		
15	QPSK	14	0	17.13	17.33	17.32				
15	QPSK	38	0	17.21	17.19	17.48				
15	QPSK	38	19	17.21	17.19	17.48	23	0		
15	QPSK	38	56	17.21	17.22	17.43				
15	QPSK	1	0	17.21	17.44	17.42	23	0		
15	QPSK	1	14	17.21	17.38	17.63				
15	QPSK	14	0	17.08	17.34	17.37				
15	QPSK	14	14	17.08	17.34	17.37	23	0		
15	QPSK	38	0	17.08	17.34	17.37				
15	QPSK	38	19	17.08	17.34	17.37	23	0		
15	QPSK	38	56	17.08	17.34	17.37				
15	QPSK	75	0	16.1	16.39	16.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.15	17.15			Turnup (min)	MFR (dB)
15	QPSK	1	0	21.61	21.62	21.60				
15	QPSK	1	49	21.11	21.17	21.48	23	0		
15	QPSK	1	99	21.11	21.45	21.41				
15	QPSK	25	0	21.14	21.46	21.48				
15	QPSK	25	24	21.14	21.46	21.48	23	0		
15	QPSK	25	25	21.11	21.17	21.20				
15	QPSK	50	0	21.19	21.41	21.42				
15	QPSK	50	24	21.19	21.41	21.42	23	0		
15	QPSK	1	25	21.19	21.05	21.27				
15	16QAM	1	49	20.88	21.61	21.25				
15	16QAM	1	99	20.88	21.61	21.25	23	0		
15	16QAM	50	0	20.88	21.34	21.40				
15	16QAM	50	24	20.88	21.34	21.40	23	0		
15	16QAM	75	0	21.12	21.34	21.40				
15	16QAM	1	0	21.12	21.22	21.43	23	0		
15	16QAM	1	14	21.21	21.38	21.63				
15	16QAM	14	0	20.88	21.34	21.37				
15	16QAM	14	14	20.88	21.34	21.37	23	0		
15	16QAM	38	0	20.28	20.34	20.27				
15	16QAM	38	19	20.28	20.34	20.27	23	0		
15	16QAM	38	56	20.28	20.34	20.27				
15	16QAM	75	0	20.1	20.39	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.15	17.15			Turnup (min)	MFR (dB)
15	QPSK	1	0	21.61	21.62	21.60				
15	QPSK	1	49	21.11	21.17	21.48	23	0		
15	QPSK	1	99	21.11	21.45	21.41				
15	QPSK	25	0	21.14	21.46	21.48				
15	QPSK	25	24	21.14	21.46	21.48	23	0		
15	QPSK	25	25	21.11	21.17	21.20				
15	QPSK	50	0	21.19	21.41	21.42				
15	QPSK	50	24	21.19	21.41	21.42	23	0		
15	QPSK	1	25	21.19	21.05	21.27				
15	16QAM	1	49	20.88	21.61	21.25				
15	16QAM	1	99	20.88	21.61	21.25	23	0		
15	16QAM	50	0	20.88	21.34	21.40				
15	16QAM	50	24	20.88	21.34	21.40	23	0		
15	16QAM	75	0	21.12	21.34	21.40				
15	16QAM	1	0	21.12	21.22	21.43	23	0		
15	16QAM	1	14	21.21	21.38	21.63				
15	16QAM	14	0	20.88	21.34	21.37				
15	16QAM	14	14	20.88	21.34	21.37	23	0		
15	16QAM	38	0	20.28	20.34	20.27				
15	16QAM	38	19	20.28	20.34	20.27	23	0		
15	16QAM	38	56	20.28	20.34	20.27				
15	16QAM	75	0	20.1	20.39	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.15	17.15			Turnup (min)	MFR (dB)
15	QPSK	1	0	21.61	21.62	21.60				
15	QPSK	1	49	21.11	21.17	21.48	23	0		
15	QPSK	1	99	21.11	21.45	21.41				
15	QPSK	25	0	21.14	21.46	21.48				
15	QPSK	25	24	21.14	21.46	21.48	23	0		
15	QPSK	25	25	21.11	21.17	21.20				
15	QPSK	50	0	21.19	21.41	21.42				
15	QPSK	50	24	21.19	21.41	21.42	23	0		
15	QPSK	1	25	21.19	21.05	21.27				
15	16QAM	1	49	20.88	21.61	21.25				
15	16QAM	1	99	20.88	21.61	21.25	23	0		
15	16QAM	50	0	20.88	21.34	21.40				
15	16QAM	50	24	20.88	21.34	21.40	23	0		
15	16QAM	75	0	21.12	21.34	21.40				
15	16QAM	1	0	21.12	21.22	21.43	23	0		
15	16QAM	1	14	21.21	21.38	21.63				
15	16QAM	14	0	20.88	21.34	21.37				
15	16QAM	14	14	20.88	21.34	21.37	23	0		
15	16QAM	38	0	20.28	20.34	20.27				
15	16QAM	38	19	20.28	20.34	20.27	23	0		
15	16QAM	38	56	20.28	20.34	20.27				
15	16QAM	75	0	20.1	20.39	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.15	17.15			Turnup (min)	MFR (dB)
15	QPSK	1	0	21.61	21.62	21.60				
15	QPSK	1	49	21.11	21.17	21.48	23	0		
15	QPSK	1	99	21.11	21.45	21.41				
15	QPSK	25	0	21.14	21.46	21.48				
15	QPSK	25	24	21.14	21.46	21.48	23	0		
15	QPSK	25	25	21.11	21.17	21.20				
15	QPSK	50	0	21.19	21.41	21.42				
15	QPSK	50	24	21.19	21.41	21.42	23	0		
15	QPSK	1	25	21.19	21.05	21.27				
15	16QAM	1	49	20.88	21.61	21.25				
15	16QAM	1	99	20.88	21.61	21.25	23	0		
15	16QAM	50	0	20.88	21.34	21.40				
15	16QAM	50	24	20.88	21.34	21.40	23	0		
15	16QAM	75	0	21.12	21.34	21.40				
15	16QAM	1	0	21.12	21.22	21.43	23	0		
15	16QAM	1	14	21.21	21.38	21.63				
15	16QAM	14	0	20.88	21.34	21.37				
15	16QAM	14	14	20.88	21.34	21.37	23	0		
15	16QAM	38	0	20.28	20.34	20.27				
15	16QAM	38	19	20.28	20.34	20.27	23	0		
15	16QAM	38	56	20.28	20.34	20.27				
15	16QAM	75	0	20.1	20.39	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.15	17.15	17.15			Turnup (min)	MFR (dB)
15	QPSK	1	0	21.61	21.62	21.60				
15	QPSK	1	49	21.11	21.17	21.48	23	0		
15	QPSK	1	99	21.11	21.45	21.41				
15	QPSK	25	0	21.14	21.46	21.48				
15	QPSK	25	24	21.14	21.46	21.48	23	0		
15	QPSK	25	25	21.11	21.17	21.20				
15	QPSK	50	0	21.19	21.41	21.42				
15	QPSK	50	24	21.19	21.41	21.42	23	0		
15	QPSK	1	25	21.19	21.05	21.27				
15	16QAM	1	49	20.88	21.61	21.25				
15	16QAM	1	99	20.88	21.61	21.25	23	0		
15	16QAM	50	0	20.88	21.34	21.40				
15	16QAM	50	24	20.88	21.34	21.40	23	0		
15	16QAM	75</								



Band 7_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low dBm/100K	Power Median dBm/100K	Power High dBm/100K	Turn-up level (dBm)	MFR (dB)			
Channel				2550	2100	2150					
Frequency (MHz)				2550	2535	2535					
20	QPSK	1	0	2180	2178	2154		22.5	0		
20	QPSK	1	49	2181	2182	2187					
20	QPSK	1	99	2187	2183	2181					
20	QPSK	50	0	218	2173	2181		22.5	0		
20	QPSK	50	24	2188	2183	2184					
20	QPSK	50	50	2184	2188	2188					
20	WCDMA	100	0	2155	2168	2154		22.5	0		
20	WCDMA	1	0	2187	2188	2188					
20	WCDMA	1	49	2186	2184	2188					
20	WCDMA	1	99	2188	2187	2182		22.5	0		
20	WCDMA	50	24	2187	2187	2188					
20	WCDMA	50	50	2188	2188	2188					
20	WCDMA	100	0	2188	2188	2188		22.5	0		
20	WCDMA	100	0	2188	2188	2188					
20	WCDMA	100	0	2188	2188	2188					
20	WCDMA	1	0	2188	2187	2188		22.5	0		
20	WCDMA	1	49	2188	2182	2181					
20	WCDMA	1	99	2181	2182	2187					
20	WCDMA	50	0	2188	2183	2182		22.5	0		
20	WCDMA	50	24	2187	2187	2188					
20	WCDMA	50	50	2188	2188	2188					
20	WCDMA	100	0	2184	2185	2181		22.5	0		
20	WCDMA	100	0	2184	2185	2181					
20	WCDMA	100	0	2184	2185	2181					
Channel				2557.5	2535	2552.5	Turn-up level (dBm)	MFR (dB)			
Frequency (MHz)				2557.5	2535	2552.5					
15	QPSK	1	0	2181	2175	2182		22.5	0		
15	QPSK	1	37	2187	2183	2188					
15	QPSK	1	74	2185	2185	2148					
15	QPSK	36	0	2147	2184	2147		22.5	0		
15	QPSK	36	36	2182	2187	2147					
15	QPSK	36	36	2142	2186	2182					
15	QPSK	75	0	2145	2188	2181		22.5	0		
15	WCDMA	1	0	2181	2188	2188					
15	WCDMA	1	37	2183	2182	2148					
15	WCDMA	1	74	2184	2188	2143		22.5	0		
15	WCDMA	36	0	2184	2188	2148					
15	WCDMA	36	20	2144	2181	2148					
15	WCDMA	36	36	2185	2181	2181		22.5	0		
15	WCDMA	75	0	2187	2181	2181					
15	WCDMA	75	0	2187	2181	2181					
15	WCDMA	1	0	2188	2182	2182		22.5	0		
15	WCDMA	1	37	2187	2188	2148					
15	WCDMA	1	74	2188	2183	2148					
15	WCDMA	36	0	2147	2187	2148		22.5	0		
15	WCDMA	36	20	2144	2187	2148					
15	WCDMA	36	36	2181	2181	2148					
15	WCDMA	75	0	2184	2181	2148		22.5	0		
15	WCDMA	75	0	2184	2181	2148					
15	WCDMA	75	0	2184	2181	2148					
Channel				2555	2100	2150	Turn-up level (dBm)	MFR (dB)			
Frequency (MHz)				2555	2535	2555					
10	QPSK	1	0	2181	2175	2148		22.5	0		
10	QPSK	1	25	2181	2185	2152					
10	QPSK	1	49	2188	2184	2182					
10	QPSK	25	0	2188	2188	2141		22.5	0		
10	QPSK	25	12	2188	2188	2144					
10	QPSK	25	26	2182	2183	2182					
10	QPSK	50	0	2142	2184	2188		22.5	0		
10	WCDMA	1	0	2185	2187	2185					
10	WCDMA	1	26	2147	2182	2185					
10	WCDMA	1	49	2184	2184	2187		22.5	0		
10	WCDMA	25	0	2182	2188	2148					
10	WCDMA	25	12	2188	2188	2148					
10	WCDMA	50	0	2144	2187	2148		22.5	0		
10	WCDMA	50	0	2144	2187	2148					
10	WCDMA	50	0	2144	2187	2148					
10	WCDMA	1	0	2188	2187	2181		22.5	0		
10	WCDMA	1	25	2147	2188	2148					
10	WCDMA	1	49	2188	2183	2181					
10	WCDMA	25	0	2182	2181	2148		22.5	0		
10	WCDMA	25	12	2185	2183	2144					
10	WCDMA	25	25	2182	2142	2148					
10	WCDMA	50	0	2144	2187	2148		22.5	0		
10	WCDMA	50	0	2144	2187	2148					
10	WCDMA	50	0	2144	2187	2148					
Channel				2557.5	2100	2150	Turn-up level (dBm)	MFR (dB)			
Frequency (MHz)				2557.5	2535	2557.5					
5	QPSK	1	0	2183	2175	2148		22.5	0		
5	QPSK	1	12	2184	2188	2148					
5	QPSK	1	24	2183	2188	2188					
5	QPSK	12	0	2188	2188	2143		22.5	0		
5	QPSK	12	7	2188	2181	2182					
5	QPSK	12	13	2149	2188	2182					
5	QPSK	20	0	2147	2188	2148		22.5	0		
5	WCDMA	1	0	2181	2182	2148					
5	WCDMA	1	12	2182	2182	2148					
5	WCDMA	1	24	2185	2188	2147		22.5	0		
5	WCDMA	12	0	2148	2188	2185					
5	WCDMA	12	7	2148	2188	2147					
5	WCDMA	12	13	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188	2188	2188					
5	WCDMA	12	13	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182		22.5	0		
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	20	0	2188	2182	2182					
5	WCDMA	1	0	2184	2184	2188		22.5	0		
5	WCDMA	1	12	2188	2188	2188					
5	WCDMA	1	24	2181	2182	2182					
5	WCDMA	12	0	2188	2187	2188		22.5	0		
5	WCDMA	12	7	2188							



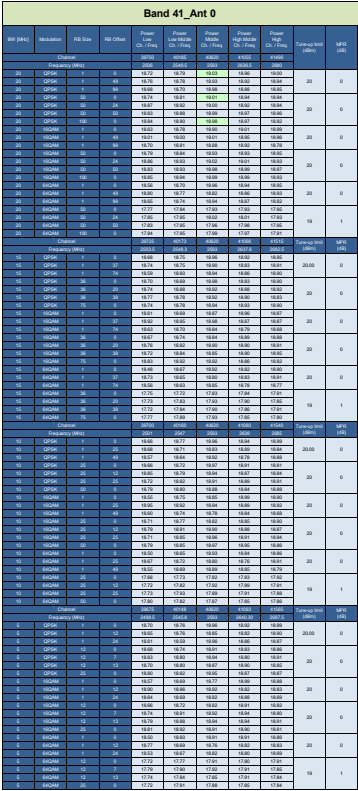
Band 12_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Modulo Ch. / Freq.	Power High Ch. / Freq.	Turn-up (sec. (dB))		MFR (dB)		
Channel											
Frequency (MHz)											
704.5 707.5 711.5											
10	QPSK	1	0	24.00	24.70	24.80	25.5	0			
10	QPSK	1	25	24.02	24.80	24.80					
10	QPSK	1	40	24.00	24.70	24.80					
10	QPSK	25	0	23.98	23.97	23.98	24.5	1			
10	QPSK	25	10	23.98	23.97	23.97					
10	QPSK	25	25	23.90	23.80	23.80					
10	QPSK	10	0	23.94	23.90	23.91	24.0	1.5			
10	16QAM	1	25	24.12	24.10	24.10					
10	16QAM	1	40	24.31	24.24	24.25					
10	16QAM	25	0	23.99	23.92	23.92	23.5	2			
10	16QAM	25	10	23.94	23.81	23.80					
10	16QAM	25	25	23.87	23.87	23.86					
10	16QAM	50	0	23.90	23.88	23.87	22.5	3			
10	8QAM	1	0	22.84	23.28	23.02					
10	8QAM	1	25	23.01	23.12	23.43					
10	8QAM	1	40	23.00	23.03	23.00	22.0	4			
10	8QAM	25	0	21.72	21.87	21.86					
10	8QAM	25	10	21.80	21.80	21.80					
10	8QAM	25	25	22.08	21.97	22.00	21.5	5			
10	8QAM	50	0	21.92	21.87	22.03					
Channel											
Frequency (MHz)											
701.5 707.5 713.5											
5	QPSK	1	0	24.00	24.70	24.80	25.5	0			
5	QPSK	1	10	24.70	24.70	24.70					
5	QPSK	1	24	24.78	24.80	24.70					
5	QPSK	12	0	23.70	23.80	23.71	24.5	1			
5	QPSK	12	10	23.80	23.86	23.86					
5	QPSK	12	13	23.84	23.80	23.79					
5	QPSK	25	0	23.87	23.83	23.80	24.0	1.5			
5	16QAM	1	0	24.02	23.96	23.96					
5	16QAM	1	10	23.93	24.02	24.00					
5	16QAM	1	24	24.19	24.30	24.35	23.5	2			
5	16QAM	12	0	23.94	23.90	23.94					
5	16QAM	12	13	23.86	23.90	23.94					
5	16QAM	25	0	23.86	23.87	23.80	23.0	3			
5	8QAM	1	0	22.70	23.20	22.89					
5	8QAM	1	10	22.92	23.07	23.30					
5	8QAM	1	24	23.87	23.80	23.80	22.5	4			
5	8QAM	12	0	21.63	21.87	21.80					
5	8QAM	12	13	21.94	21.83	21.72					
5	8QAM	25	0	21.80	21.80	21.80	22.0	5			
5	8QAM	25	0	21.81	21.69	21.64					
Channel											
Frequency (MHz)											
700.5 707.5 713.5											
1.4	QPSK	1	0	24.02	24.72	24.70	25.5	0			
1.4	QPSK	1	5	24.74	24.70	24.70					
1.4	QPSK	1	14	24.74	24.66	24.71					
1.4	QPSK	8	0	23.98	23.91	23.70	24.5	1			
1.4	QPSK	8	4	23.82	23.84	23.82					
1.4	QPSK	8	7	23.80	23.84	23.81					
1.4	QPSK	16	0	23.73	23.88	23.80	24.0	1.5			
1.4	16QAM	1	0	24.22	23.84	24.10					
1.4	16QAM	1	8	24.61	24.04	24.03					
1.4	16QAM	1	14	24.28	24.40	24.37	23.5	2			
1.4	16QAM	8	0	22.84	22.83	22.81					
1.4	16QAM	8	7	22.87	22.87	22.86					
1.4	16QAM	16	0	22.80	22.83	22.85	23.0	3			
1.4	8QAM	1	0	22.71	23.21	22.80					
1.4	8QAM	1	8	22.86	23.03	23.30					
1.4	8QAM	1	14	22.89	22.92	22.84	22.5	4			
1.4	8QAM	8	0	21.69	21.83	21.84					
1.4	8QAM	8	4	21.83	21.81	21.71					
1.4	8QAM	8	7	22.01	21.80	21.80	22.0	5			
1.4	8QAM	16	0	21.76	21.80	21.80					
Channel											
Frequency (MHz)											
700.7 707.5 713.5											
1.4	QPSK	1	0	24.02	24.70	24.70	25.5	0			
1.4	QPSK	1	5	24.73	24.71	24.69					
1.4	QPSK	1	14	24.73	24.71	24.69					
1.4	QPSK	8	0	23.97	23.94	23.81	24.5	1			
1.4	QPSK	8	4	23.85	23.87	23.71					
1.4	QPSK	8	7	23.80	23.80	23.80					
1.4	QPSK	16	0	23.72	23.80	23.82	24.0	1.5			
1.4	16QAM	1	0	24.21	23.82	24.00					
1.4	16QAM	1	3	24.04	24.10	24.02					
1.4	16QAM	1	8	24.05	24.41	24.40	23.5	2			
1.4	16QAM	3	0	24.10	23.88	23.94					
1.4	16QAM	3	1	23.90	23.94	24.01					
1.4	16QAM	3	5	24.14	24.30	24.24	23.0	3			
1.4	16QAM	6	0	22.83	22.87	22.83					
1.4	16QAM	1	0	22.82	23.20	22.80					
1.4	8QAM	1	0	22.60	23.07	22.70	22.5	4			
1.4	8QAM	1	5	22.81	22.97	22.80					
1.4	8QAM	3	0	22.80	23.12	22.83					
1.4	8QAM	3	1	22.70	22.97	22.70	22.0	5			
1.4	8QAM	3	3	22.73	22.83	22.72					
1.4	8QAM	6	0	21.79	21.88	21.80					

Band 12_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Modulo Ch. / Freq.	Power High Ch. / Freq.	Turn-up (sec. (dB))		MFR (dB)		
Channel											
Frequency (MHz)											
704.5 707.5 711.5											
10	QPSK	1	0	24.00	24.70	24.80					
10	QPSK	1	25	24.70	23.91	24.01	25.0				
10	QPSK	1	40	24.03	23.88	24.14					
10	QPSK	25	0	23.94	23.97	23.90					
10	QPSK	25	12	23.70	23.08	23.13	24.5	1			
10	QPSK	25	25	23.14	23.12	23.11					
10	QPSK	50	0	23.94	23.08	23.07					
10	QPSK	50	25	23.65	23.07	23.06					
10	QPSK	1	25	24.00	23.91	23.90	24.5	1			
10	QPSK	1	40	23.91	23.85	23.83					
10	QPSK	1	75	23.85	23.79	23.78					
10	QPSK	25	12	22.21	22.10	21.98	23.5	2			
10	QPSK	25	25	22.24	22.13	22.10					
10	QPSK	50	0	22.24	21.98	21.97					
10	QPSK	1	0	22.00	22.00	21.99					
10	QPSK	1	25	22.00	22.24	22.22	23.5	2			
10	QPSK	1	40	22.00	22.00	22.00					
10	QPSK	25	0	21.03	21.01	21.01					
10	QPSK	25	12	21.17	21.09	21.09	22.5	3			
10	QPSK	25	25	21.13	21.13	21.13					
10	QPSK	50	0	21.13	21.07	21.10					
10	QPSK	50	25	21.09	20.87	21.10	Turn-up (sec. (dB))		MFR (dB)		
Channel											
Frequency (MHz)											
704.5 707.5 711.5											
5	QPSK	1	0	23.90	23.90	23.91					
5	QPSK	1	12	23.90	23.90	23.91	25.0	0			
5	QPSK	1	25	23.91	23.91	23.91					
5	QPSK	12	0	22.91	22.98	22.97					
5	QPSK	12	7	22.98	22.97	23.02	24.5	1			
5	QPSK	12	14	22.98	22.98	23.02					
5	QPSK	25	0	22.89	22.93	22.93					
5	QPSK	1	0	23.04	23.01	23.14					
5	QPSK	1	25	23.04	23.04	23.04	24.5	1			
5	QPSK	1	24	23.44	23.52	23.46					
5	QPSK	12	0	22.93	22.93	22.99					
5	QPSK	12	0	22.93	22.93	22.99	23.5	2			
5	QPSK	12	18	22.13	22.08	22.08					
5	QPSK	12	18	22.08	22.08	22.08					
5	QPSK	1	12	22.08	22.24	22.11	23.5	2			
5	QPSK	1	25	22.08	22.08	22.08					
5	QPSK	12	0	20.92	20.92	20.94					
5	QPSK	12	7	21.01	21.01	21.06	22.5	3			
5	QPSK	12	13	21.01	21.01	21.06					
5	QPSK	25	0	21.04	20.99	21.06					
Channel											
Frequency (MHz)											
704.5 707.5 711.5											
3	QPSK	1	0	23.98	24.01	23.95					
3	QPSK	1	8	23.98	24.05	23.97	25.0	0			
3	QPSK	1	16	23.98	24.05	24.01					
3	QPSK	8	0	22.92	23.10	22.96					
3	QPSK	8	4	22.95	22.94	22.98					
3	QPSK	8	8	22.95	22.95	22.97	24.5	1			
3	QPSK	16	0	22.91	23.01	22.98					
3	QPSK	1	0	23.05	23.40	23.11					
3	QPSK	1	8	23.05	23.40	23.11					
3	QPSK	1	16	23.04	23.41	23.10	24.5	1			
3	QPSK	8	0	21.93	22.04	21.99					
3	QPSK	8	4	22.07	22.07	22.07					
3	QPSK	8	7	21.99	22.13	21.96	23.5	2			
3	QPSK	16	0	22.18	21.81	22.00					
3	QPSK	16	8	22.01	21.81	22.00					
3	QPSK	1	8	22.29	22.19	22.02	23.5	2			
3	QPSK	1	16	22.29	22.29	22.29					
3	QPSK	8	0	20.96	20.96	20.97					
3	QPSK	8	4	20.96	20.96	20.96					
3	QPSK	8	4	21.14	20.88	21.01	22.5	3			
3	QPSK	8	8	21.14	20.88	21.01					
3	QPSK	16	0	21.08	20.84	21.09					
3	QPSK	16	0	21.08	20.84	21.09	Turn-up (sec. (dB))		MFR (dB)		
Channel											
Frequency (MHz)											
704.5 707.5 711.5											
1.4	QPSK	1	0	23.90	23.90	23.90					
1.4	QPSK	1	3	23.92	23.77	23.83					
1.4	QPSK	1	6	23.90	23.79	23.80	25.0	0			
1.4	QPSK	3	0	23.83	23.82	23.78					
1.4	QPSK	3	1	23.84	23.84	23.80					
1.4	QPSK	3	2	23.85	23.85	23.81					
1.4	QPSK	6	0	23.01	23.03	23.04	24.5	1			
1.4	QPSK	1	0	23.85	23.82	23.75					
1.4	QPSK	1	3	23.85	23.85	23.85					
1.4	QPSK	1	6	23.84	23.84	23.84	24.5	1			
1.4	QPSK	3	0	23.40	23.40	23.47					
1.4	QPSK	3	3	23.40	23.40	23.47					
1.4	QPSK	3	6	23.40	23.40	23.47	24.5	1			
1.4	QPSK	6	0	22.09	22.09	22.05	23.5	2			
1.4	QPSK	6	3	22.07	22.07	22.07					
1.4	QPSK	1	3	22.10	22.10	22.13					
1.4	QPSK	1	6	22.14	22.27	22.40	23.5	2			
1.4	QPSK	3	0	21.94	21.94	21.91					
1.4	QPSK	3	1	21.96	22.06	21.94					
1.4	QPSK	3	2	21.96	22.06	21.94					
1.4	QPSK	6	0	21.12	20.85	21.01	22.5	3			

Band 17_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 17 Ant.0	Power Meds Ch. 17 Ant.0	Power High Ch. 17 Ant.0	Turn-up (mW offset)	APR3 (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.88	24.87	24.83			
10	QPSK	1	25	24.77	24.89	24.85	25.5	0	
10	QPSK	1	49	24.65	24.98	24.91			
10	QPSK	25	0	23.87	23.86	23.82			
10	QPSK	25	12	23.51	23.57	23.56			
10	QPSK	25	25	23.50	23.67	23.63	24.5	1	
10	QPSK	50	0	23.01	24.06	24.03			
10	16QAM	1	0	24.04	24.20	24.15			
10	16QAM	1	25	24.26	24.67	24.11	24.5	1	
10	16QAM	1	49	24.27	24.36	24.62			
10	16QAM	25	0	23.00	22.92	23.04			
10	16QAM	25	12	22.97	23.10	22.88			
10	16QAM	25	25	23.01	22.98	23.80	23.5	2	
10	16QAM	50	0	22.94	23.01	23.02			
10	64QAM	1	0	23.50	23.07	22.71			
10	64QAM	1	25	22.85	23.16	23.80	23.5	2	
10	64QAM	1	49	23.28	22.80	23.28			
10	64QAM	25	0	22.00	21.99	21.91			
10	64QAM	25	12	22.08	22.08	23.00			
10	64QAM	25	25	21.88	21.90	21.91	22.5	3	
10	64QAM	50	0	22.01	22.02	22.80			
Channel				710.5	710	710.5			
Frequency (MHz)				708.5	710	710.5			
5	QPSK	1	0	24.82	24.91	24.71			
5	QPSK	1	12	24.88	24.74	24.71			
5	QPSK	1	24	24.57	24.80	24.84	25.5	0	
5	QPSK	12	0	23.75	23.85	23.82			
5	QPSK	12	7	23.80	23.81	23.80			
5	QPSK	12	13	23.78	23.78	23.81	24.5	1	
5	QPSK	25	0	23.79	23.82	23.82			
5	16QAM	1	0	23.91	24.06	24.06			
5	16QAM	1	12	24.18	24.08	24.01	24.5	1	
5	16QAM	1	24	24.21	24.31	24.40			
5	16QAM	12	0	22.85	22.76	23.80			
5	16QAM	12	7	22.85	22.95	22.77			
5	16QAM	12	13	22.85	22.83	22.89	23.5	2	
5	16QAM	25	0	22.83	22.85	22.80			
5	64QAM	1	0	23.43	23.82	22.83			
5	64QAM	1	12	22.70	23.00	22.78	23.5	2	
5	64QAM	1	24	23.13	22.47	23.14			
5	64QAM	12	0	21.89	21.85	21.82			
5	64QAM	12	7	21.85	22.02	21.87			
5	64QAM	12	13	21.89	21.77	21.78	22.5	3	
5	64QAM	25	0	21.87	21.87	21.86			

Band 17_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 17 Ant.1	Power Meds Ch. 17 Ant.1	Power High Ch. 17 Ant.1	Turn-up (mW offset)	APR3 (dB)	
Channel				23790	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.88	24.86	23.87			
10	QPSK	1	25	24.21	24.05	24.04	25.5	0	
10	QPSK	1	49	24.13	24.10	24.22			
10	QPSK	25	0	23.19	23.24	23.13			
10	QPSK	25	12	23.22	23.22	23.15			
10	QPSK	25	25	23.19	23.23	23.15	24.5	1	
10	QPSK	50	0	23.24	23.25	23.17			
10	16QAM	1	0	23.65	23.05	23.34			
10	16QAM	1	25	23.83	23.20	23.39	24.5	1	
10	16QAM	1	49	24.62	23.62	23.47			
10	16QAM	25	0	22.28	22.10	22.11			
10	16QAM	25	12	22.43	22.28	22.07			
10	16QAM	25	25	22.23	22.26	22.19	23.5	2	
10	16QAM	50	0	22.28	22.34	22.27			
10	64QAM	1	0	22.48	22.40	22.52			
10	64QAM	1	25	22.24	22.25	22.47	23.5	2	
10	64QAM	1	49	22.48	22.21	22.45			
10	64QAM	25	0	21.15	21.18	21.17			
10	64QAM	25	0	21.07	21.20	21.12			
10	64QAM	25	25	21.19	21.20	21.23	22.5	3	
10	64QAM	50	0	21.22	21.23	21.21			
Channel				710.5	710	710.5			
Frequency (MHz)				708.5	710	710.5			
5	QPSK	1	0	23.94	24.10	23.90			
5	QPSK	1	12	24.07	23.97	23.99			
5	QPSK	1	24	24.07	24.08	24.15	25.5	0	
5	QPSK	12	0	22.87	23.88	22.87			
5	QPSK	12	7	23.08	23.11	23.07			
5	QPSK	12	13	23.09	23.15	23.04	24.5	1	
5	QPSK	25	0	23.18	23.80	23.10			
5	16QAM	1	0	23.63	23.80	23.38			
5	16QAM	1	12	23.73	23.30	23.28	24.5	1	
5	16QAM	1	24	23.68	23.74	23.39			
5	16QAM	12	0	22.15	22.01	22.08			
5	16QAM	12	7	22.34	22.12	22.02	23.5	2	
5	16QAM	12	13	22.15	22.19	22.10			
5	16QAM	25	0	22.15	22.14	22.11			
5	64QAM	1	0	22.37	22.36	22.40			
5	64QAM	1	12	22.11	22.12	22.21	23.5	2	
5	64QAM	1	24	22.30	22.14	22.21			
5	64QAM	12	0	21.10	21.12	21.08			
5	64QAM	12	7	21.17	21.80	20.88			
5	64QAM	12	13	21.10	21.10	21.14	22.5	3	
5	64QAM	25	0	21.11	21.10	21.21			

Band 38_Ant 3									
Enr Date	Accession	Est Cost	Est Offset	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Frequency (MHz)	Ant. Type
1. Frequency (MHz)									
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.57	21.57	21.57		23.7	0
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59		23.7	0
10	OTPS	10	0	21.58	21.58	21.58			
10	OTPS	10	0	21.59	21.59	21.59		23.7	0
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0
10	OTPS	10	0	21.59	21.59	21.59			
10	OTPS	1	0	21.58	21.58	21.58			
10	OTPS	1	0	21.59	21.59	21.59			
10	OTPS	10	0	21.58	21.58	21.58		23.7	0



Band 41_Ant 1										
RF Freq.	Subcarrier	RB Size	SC Freq.	Frame 1 (L1)	Frame 2 (L1)	Frame 3 (L1)	Frame 4 (L1)	Frame 5 (L1)	Frame 6 (L1)	Frame 7 (L1)
Channel				1000	1000	1000	1000	1000	1000	
00	0000000000000000	00	1000	1000	1000	1000	1000	1000	1000	
01	0000000000000000	01	1000	1000	1000	1000	1000	1000	1000	
02	0000000000000000	02	1000	1000	1000	1000	1000	1000	1000	
03	0000000000000000	03	1000	1000	1000	1000	1000	1000	1000	
04	0000000000000000	04	1000	1000	1000	1000	1000	1000	1000	
05	0000000000000000	05	1000	1000	1000	1000	1000	1000	1000	
06	0000000000000000	06	1000	1000	1000	1000	1000	1000	1000	
07	0000000000000000	07	1000	1000	1000	1000	1000	1000	1000	
08	0000000000000000	08	1000	1000	1000	1000	1000	1000	1000	
09	0000000000000000	09	1000	1000	1000	1000	1000	1000	1000	
10	0000000000000000	10	1000	1000	1000	1000	1000	1000	1000	
11	0000000000000000	11	1000	1000	1000	1000	1000	1000	1000	
12	0000000000000000	12	1000	1000	1000	1000	1000	1000	1000	
13	0000000000000000	13	1000	1000	1000	1000	1000	1000	1000	
14	0000000000000000	14	1000	1000	1000	1000	1000	1000	1000	
15	0000000000000000	15	1000	1000	1000	1000	1000	1000	1000	
16	0000000000000000	16	1000	1000	1000	1000	1000	1000	1000	
17	0000000000000000	17	1000	1000	1000	1000	1000	1000	1000	
18	0000000000000000	18	1000	1000	1000	1000	1000	1000	1000	
19	0000000000000000	19	1000	1000	1000	1000	1000	1000	1000	
20	0000000000000000	20	1000	1000	1000	1000	1000	1000	1000	
21	0000000000000000	21	1000	1000	1000	1000	1000	1000	1000	
22	0000000000000000	22	1000	1000	1000	1000	1000	1000	1000	
23	0000000000000000	23	1000	1000	1000	1000	1000	1000	1000	
24	0000000000000000	24	1000	1000	1000	1000	1000	1000	1000	
25	0000000000000000	25	1000	1000	1000	1000	1000	1000	1000	
26	0000000000000000	26	1000	1000	1000	1000	1000	1000	1000	
27	0000000000000000	27	1000	1000	1000	1000	1000	1000	1000	
28	0000000000000000	28	1000	1000	1000	1000	1000	1000	1000	
29	0000000000000000	29	1000	1000	1000	1000	1000	1000	1000	
30	0000000000000000	30	1000	1000	1000	1000	1000	1000	1000	
31	0000000000000000	31	1000	1000	1000	1000	1000	1000	1000	
32	0000000000000000	32	1000	1000	1000	1000	1000	1000	1000	
33	0000000000000000	33	1000	1000	1000	1000	1000	1000	1000	
34	0000000000000000	34	1000	1000	1000	1000	1000	1000	1000	
35	0000000000000000	35	1000	1000	1000	1000	1000	1000	1000	
Channel				1000	1000	1000	1000	1000	1000	
00	0000000000000000	00	1000	1000	1000	1000	1000	1000	1000	
01	0000000000000000	01	1000	1000	1000	1000	1000	1000	1000	
02	0000000000000000	02	1000	1000	1000	1000	1000	1000	1000	
03	0000000000000000	03	1000	1000	1000	1000	1000	1000	1000	
04	0000000000000000	04	1000	1000	1000	1000	1000	1000	1000	
05	0000000000000000	05	1000	1000	1000	1000	1000	1000	1000	
06	0000000000000000	06	1000	1000	1000	1000	1000	1000	1000	
07	0000000000000000	07	1000	1000	1000	1000	1000	1000	1000	
08	0000000000000000	08	1000	1000	1000	1000	1000	1000	1000	
09	0000000000000000	09	1000	1000	1000	1000	1000	1000	1000	
10	0000000000000000	10	1000	1000	1000	1000	1000	1000	1000	
11	0000000000000000	11	1000	1000	1000	1000	1000	1000	1000	
12	0000000000000000	12	1000	1000	1000	1000	1000	1000	1000	
13	0000000000000000	13	1000	1000	1000	1000	1000	1000	1000	
14	0000000000000000	14	1000	1000	1000	1000	1000	1000	1000	
15	0000000000000000	15	1000	1000	1000	1000	1000	1000	1000	
16	0000000000000000	16	1000	1000	1000	1000	1000	1000	1000	
17	0000000000000000	17	1000	1000	1000	1000	1000	1000	1000	
18	0000000000000000	18	1000	1000	1000	1000	1000	1000	1000	
19	0000000000000000	19	1000	1000	1000	1000	1000	1000	1000	
20	0000000000000000	20	1000	1000	1000	1000	1000	1000	1000	
21	0000000000000000	21	1000	1000	1000	1000	1000	1000	1000	
22	0000000000000000	22	1000	1000	1000	1000	1000	1000	1000	
23	0000000000000000	23	1000	1000	1000	1000	1000	1000	1000	
24	0000000000000000	24	1000	1000	1000	1000	1000	1000	1000	
25	0000000000000000	25	1000	1000	1000	1000	1000	1000	1000	
26	0000000000000000	26	1000	1000	1000	1000	1000	1000	1000	
27	0000000000000000	27	1000	1000	1000	1000	1000	1000	1000	
28	0000000000000000	28	1000	1000	1000	1000	1000	1000	1000	
29	0000000000000000	29	1000	1000	1000	1000	1000	1000	1000	
30	0000000000000000	30	1000	1000	1000	1000	1000	1000	1000	
31	0000000000000000	31	1000	1000	1000	1000	1000	1000	1000	
32	0000000000000000	32	1000	1000	1000	1000	1000	1000	1000	
33	0000000000000000	33	1000	1000	1000	1000	1000	1000	1000	
34	0000000000000000	34	1000	1000	1000	1000	1000	1000	1000	
35	0000000000000000	35	1000	1000	1000	1000	1000	1000	1000	
Channel				1000	1000	1000	1000	1000	1000	
00	0000000000000000	00	1000	1000	1000	1000	1000	1000	1000	
01	0000000000000000	01	1000	1000	1000	1000	1000	1000	1000	
02	0000000000000000	02	1000	1000	1000	1000	1000	1000	1000	
03	0000000000000000	03	1000	1000	1000	1000	1000	1000	1000	
04	0000000000000000	04	1000	1000	1000	1000	1000	1000	1000	
05	0000000000000000	05	1000	1000	1000	1000	1000	1000	1000	
06	0000000000000000	06	1000	1000	1000	1000	1000	1000	1000	
07	0000000000000000	07	1000	1000	1000	1000	1000	1000	1000	
08	0000000000000000	08	1000	1000	1000	1000	1000	1000	1000	
09	0000000000000000	09	1000	1000	1000	1000	1000	1000	1000	
10	0000000000000000	10	1000	1000	1000	1000	1000	1000	1000	
11	0000000000000000	11	1000	1000	1000	1000	1000	1000	1000	
12	0000000000000000	12	1000	1000	1000	1000	1000	1000	1000	
13	0000000000000000	13	1000	1000	1000	1000	1000	1000	1000	
14	0000000000000000	14	1000	1000	1000	1000	1000	1000	1000	
15	0000000000000000	15	1000	1000	1000	1000	1000	1000	1000	
16	0000000000000000	16	1000	1000	1000	1000	1000	1000	1000	
17	0000000000000000	17	1000	1000	1000	1000	1000	1000	1000	
18	0000000000000000	18	1000	1000	1000	1000	1000	1000	1000	
19	0000000000000000	19	1000	1000	1000	1000	1000	1000	1000	
20	0000000000000000	20	1000	1000	1000	1000	1000	1000	1000	
21	0000000000000000	21	1000	1000	1000	1000	1000	1000	1000	
22	0000000000000000	22	1000	1000	1000	1000	1000	1000	1000	
23	0000000000000000	23	1000	1000	1000	1000	1000	1000	1000	
24	0000000000000000	24	1000	1000	1000	1000	1000	1000	1000	
25	0000000000000000	25	1000	1000	1000	1000	1000	1000	1000	
26	0000000000000000	26	1000	1000	1000	1000	1000	1000	1000	
27	0000000000000000	27	1000	1000	1000	1000	1000	1000	1000	
28	0000000000000000	28	1000	1000	1000	1000	1000	1000	1000	
29	0000000000000000	29	1000	1000	1000	1000	1000	1000	1000	
30	0000000000000000	30	1000	1000	1000	1000	1000	1000	1000	
31	0000000000000000	31	1000	1000	1000	1000	1000	1000	1000	
32	0000000000000000	32	1000	1000	1000	1000	1000	1000	1000	
33	0000000000000000	33	1000	1000	1000	1000	1000	1000	1000	
34	0000000000000000	34	1000	1000	1000	1000	1000	1000	1000	
35	0000000000000000	35	1000	1000	1000	1000	1000	1000	1000	
Channel				1000	1000	1000	1000	1000	1000	
00	0000000000000000	00	1000	1000	1000	1000	1000	1000	1000	
01	0000000000000000	01	1000	1000	1000	1000	1000	1000	1000	
02	0000000000000000	02	1000	1000	1000	1000	1000	1000	1000	
03	0000000000000000	03	1000	1000	1000	1000	1000	1000	1000	
04	0000000000000000	04	1000	1000	1000	1000	1000	1000	1	

[illegible][illegible]



Band 42_Ant 4									
SR (MHz)	Modulation	RB Size	RB Offset	Power (E-17W)	Power (E-17W)	Power (E-17W)	Transmit Slot (ms)	MRB (MHz)	
Channels									
Frequency (MHz)				MRB	MRB	MRB			
20	QPSK	1	0	21.26	21.27	21.28	20	0	
20	QPSK	1	80	21.26	21.27	21.28	20	0	
20	QPSK	1	160	21.26	21.27	21.28	20	0	
20	QPSK	80	0	21.27	21.28	21.29	20	0	
20	QPSK	80	80	21.27	21.28	21.29	20	0	
20	QPSK	80	160	21.27	21.28	21.29	20	0	
20	QPSK	160	0	21.28	21.29	21.30	20	0	
20	QPSK	160	80	21.28	21.29	21.30	20	0	
20	QPSK	160	160	21.28	21.29	21.30	20	0	
20	QPSK	1	0	21.29	21.30	21.31	20	0	
20	QPSK	1	80	21.29	21.30	21.31	20	0	
20	QPSK	1	160	21.29	21.30	21.31	20	0	
20	QPSK	80	0	21.30	21.31	21.32	20	0	
20	QPSK	80	80	21.30	21.31	21.32	20	0	
20	QPSK	80	160	21.30	21.31	21.32	20	0	
20	QPSK	160	0	21.31	21.32	21.33	20	0	
20	QPSK	160	80	21.31	21.32	21.33	20	0	
20	QPSK	160	160	21.31	21.32	21.33	20	0	
20	QPSK	1	0	21.32	21.33	21.34	20	0	
20	QPSK	1	80	21.32	21.33	21.34	20	0	
20	QPSK	1	160	21.32	21.33	21.34	20	0	
20	QPSK	80	0	21.33	21.34	21.35	20	0	
20	QPSK	80	80	21.33	21.34	21.35	20	0	
20	QPSK	80	160	21.33	21.34	21.35	20	0	
20	QPSK	160	0	21.34	21.35	21.36	20	0	
20	QPSK	160	80	21.34	21.35	21.36	20	0	
20	QPSK	160	160	21.34	21.35	21.36	20	0	
20	QPSK	1	0	21.35	21.36	21.37	20	0	
20	QPSK	1	80	21.35	21.36	21.37	20	0	
20	QPSK	1	160	21.35	21.36	21.37	20	0	
20	QPSK	80	0	21.36	21.37	21.38	20	0	
20	QPSK	80	80	21.36	21.37	21.38	20	0	
20	QPSK	80	160	21.36	21.37	21.38	20	0	
20	QPSK	160	0	21.37	21.38	21.39	20	0	
20	QPSK	160	80	21.37	21.38	21.39	20	0	
20	QPSK	160	160	21.37	21.38	21.39	20	0	
20	QPSK	1	0	21.38	21.39	21.40	20	0	
20	QPSK	1	80	21.38	21.39	21.40	20	0	
20	QPSK	1	160	21.38	21.39	21.40	20	0	
20	QPSK	80	0	21.39	21.40	21.41	20	0	
20	QPSK	80	80	21.39	21.40	21.41	20	0	
20	QPSK	80	160	21.39	21.40	21.41	20	0	
20	QPSK	160	0	21.40	21.41	21.42	20	0	
20	QPSK	160	80	21.40	21.41	21.42	20	0	
20	QPSK	160	160	21.40	21.41	21.42	20	0	
20	QPSK	1	0	21.41	21.42	21.43	20	0	
20	QPSK	1	80	21.41	21.42	21.43	20	0	
20	QPSK	1	160	21.41	21.42	21.43	20	0	
20	QPSK	80	0	21.42	21.43	21.44	20	0	
20	QPSK	80	80	21.42	21.43	21.44	20	0	
20	QPSK	80	160	21.42	21.43	21.44	20	0	
20	QPSK	160	0	21.43	21.44	21.45	20	0	
20	QPSK	160	80	21.43	21.44	21.45	20	0	
20	QPSK	160	160	21.43	21.44	21.45	20	0	
20	QPSK	1	0	21.44	21.45	21.46	20	0	
20	QPSK	1	80	21.44	21.45	21.46	20	0	
20	QPSK	1	160	21.44	21.45	21.46	20	0	
20	QPSK	80	0	21.45	21.46	21.47	20	0	
20	QPSK	80	80	21.45	21.46	21.47	20	0	
20	QPSK	80	160	21.45	21.46	21.47	20	0	
20	QPSK	160	0	21.46	21.47	21.48	20	0	
20	QPSK	160	80	21.46	21.47	21.48	20	0	
20	QPSK	160	160	21.46	21.47	21.48	20	0	
20	QPSK	1	0	21.47	21.48	21.49	20	0	
20	QPSK	1	80	21.47	21.48	21.49	20	0	
20	QPSK	1	160	21.47	21.48	21.49	20	0	
20	QPSK	80	0	21.48	21.49	21.50	20	0	
20	QPSK	80	80	21.48	21.49	21.50	20	0	
20	QPSK	80	160	21.48	21.49	21.50	20	0	
20	QPSK	160	0	21.49	21.50	21.51	20	0	
20	QPSK	160	80	21.49	21.50	21.51	20	0	
20	QPSK	160	160	21.49	21.50	21.51	20	0	
20	QPSK	1	0	21.50	21.51	21.52	20	0	
20	QPSK	1	80	21.50	21.51	21.52	20	0	
20	QPSK	1	160	21.50	21.51	21.52	20	0	
20	QPSK	80	0	21.51	21.52	21.53	20	0	
20	QPSK	80	80	21.51	21.52	21.53	20	0	
20	QPSK	80	160	21.51	21.52	21.53	20	0	
20	QPSK	160	0	21.52	21.53	21.54	20	0	
20	QPSK	160	80	21.52	21.53	21.54	20	0	
20	QPSK	160	160	21.52	21.53	21.54	20	0	
20	QPSK	1	0	21.53	21.54	21.55	20	0	
20	QPSK	1	80	21.53	21.54	21.55	20	0	
20	QPSK	1	160	21.53	21.54	21.55	20	0	
20	QPSK	80	0	21.54	21.55	21.56	20	0	
20	QPSK	80	80	21.54	21.55	21.56	20	0	
20	QPSK	80	160	21.54	21.55	21.56	20	0	
20	QPSK	160	0	21.55	21.56	21.57	20	0	
20	QPSK	160	80	21.55	21.56	21.57	20	0	
20	QPSK	160	160	21.55	21.56	21.57	20	0	
20	QPSK	1	0	21.56	21.57	21.58	20	0	
20	QPSK	1	80	21.56	21.57	21.58	20	0	
20	QPSK	1	160	21.56	21.57	21.58	20	0	
20	QPSK	80	0	21.57	21.58	21.59	20	0	
20	QPSK	80	80	21.57	21.58	21.59	20	0	
20	QPSK	80	160	21.57	21.58	21.59	20	0	
20	QPSK	160	0	21.58	21.59	21.60	20	0	
20	QPSK	160	80	21.58	21.59	21.60	20	0	
20	QPSK	160	160	21.58	21.59	21.60	20	0	
20	QPSK	1	0	21.59	21.60	21.61	20	0	
20	QPSK	1	80	21.59	21.60	21.61	20	0	
20	QPSK	1	160	21.59	21.60	21.61	20	0	
20	QPSK	80	0	21.60	21.61	21.62	20	0	
20	QPSK	80	80	21.60	21.61	21.62	20	0	
20	QPSK	80	160	21.60	21.61	21.62	20	0	
20	QPSK	160	0	21.61	21.62	21.63	20	0	
20	QPSK	160	80	21.61	21.62	21.63	20	0	
20	QPSK	160	160	21.61	21.62	21.63	20	0	
20	QPSK	1	0	21.62	21.63	21.64	20	0	
20	QPSK	1	80	21.62	21.63	21.64	20	0	
20	QPSK	1	160	21.62	21.63	21.64	20	0	
20	QPSK	80	0	21.63	21.64	21.65	20	0	
20	QPSK	80	80	21.63	21.64	21.65	20	0	
20	QPSK	80	160	21.63	21.64	21.65	20	0	
20	QPSK	160	0	21.64	21.65	21.66	20	0	
20	QPSK	160	80	21.64	21.65	21.66	20	0	
20	QPSK	160	160	21.64	21.65	21.66	20	0	
20	QPSK	1	0	21.65	21.66	21.67	20	0	
20	QPSK	1	80	21.65	21.66	21.67	20	0	
20	QPSK	1	160	21.65	21.66	21.67	20	0	
20	QPSK	80	0	21.66	21.67	21.68	20	0	
20	QPSK	80	80	21.66	21.67	21.68	20	0	
20	QPSK	80	160	21.66	21.67	21.68	20	0	
20	QPSK	160	0	21.67	21.68	21.69	20	0	
20	QPSK	160	80	21.67	21.68	21.69	20	0	
20	QPSK	160	160	21.67	21.68	21.69	20	0	
20	QPSK	1	0	21.68	21.69	21.70	20	0	
20	QPSK	1	80	21.68	21.69	21.70	20	0	
20	QPSK	1	160	21.68	21.69	21.70	20	0	
20	QPSK	80	0	21.69	21.70	21.71	20	0	
20	QPSK	80	80	21.69	21.70	21.71	20	0	
20	QPSK	80	160	21.69	21.70	21.71	20	0	
20	QPSK	160	0	21.70	21.71	21.72	20	0	
20	QPSK	160	80	21.70	21.71	21.72	20	0	
20	QPSK	160	160	21.70	21.71	21.72	20	0	
20	QPSK	1	0	21.71	21.72	21.73	20	0	
20	QPSK	1	80	21.71	21.72	21.73	20	0	
20	QPSK	1	160	21.71	21.72	21.73	20	0	
20	QPSK	80	0	21.72	21.73	21.74	20	0	
20	QPSK	80	80	21.72	21.73	21.74	20	0	
20	QPSK	80	160	21.72	21.73	21.74	20	0	
20	QPSK	160	0	21.73	21.74	21.75	20	0	
20	QPSK	160	80	21.73	21.74	21.75	20	0	
20	QPSK	160	160	21.73	21.74	21.75	20	0	
20	QPSK	1	0	21.74	21.75	21.76	20	0	
20	QPSK	1	80	21.74	21.75	21.76	20	0	
20	QPSK	1	160	21.74	21.75	21.76	20	0	
20	QPSK	80	0	21.75	21.76	21.77	20	0	
20	QPSK	80	80	21.75	21.76	21.77	20	0	
20	QPSK	80	160	21.75					



Reduced Power for DSI 4

Band 2_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Media (dBm)	Power High (dBm)	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.74	23.50	23.82	24.5	0				
20	QPSK	1	48	23.78	23.77	23.88						
20	QPSK	1	96	23.67	23.77	23.78						
20	QPSK	50	0	22.79	22.88	23.84						
20	QPSK	50	24	22.84	22.87	23.83	23.5	1				
20	QPSK	50	50	22.15	22.81	22.88						
20	QPSK	100	0	22.81	22.88	23.82						
20	16QAM	1	0	23.07	23.06	23.17						
20	16QAM	1	48	23.28	23.46	23.29	23.5	1				
20	16QAM	1	96	23.08	23.13	23.09						
20	16QAM	50	0	21.80	21.89	21.84						
20	16QAM	50	24	21.85	21.85	21.82						
20	16QAM	50	50	21.85	21.85	21.82	22.5	2				
20	16QAM	100	0	21.80	21.80	21.82						
20	16QAM	1	0	21.85	22.05	21.99						
20	16QAM	1	48	21.85	22.13	21.98						
20	16QAM	1	96	21.88	22.03	22.00	21.5	3				
20	16QAM	50	0	20.74	20.80	20.80						
20	16QAM	50	24	20.85	20.87	20.88						
20	16QAM	50	50	20.79	20.81	20.87						
20	16QAM	100	0	20.82	20.88	20.83	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.60	23.80	23.75	24.5	0				
15	QPSK	1	37	23.70	23.74	23.88						
15	QPSK	1	74	23.64	23.74	23.71						
15	QPSK	96	0	22.73	22.81	22.81						
15	QPSK	36	0	22.75	22.81	22.81	23.5	1				
15	QPSK	36	36	22.75	22.84	22.81						
15	QPSK	79	0	22.73	22.75	22.80						
15	16QAM	1	0	23.60	23.88	23.75						
15	16QAM	1	37	23.10	23.43	23.16	23.5	1				
15	16QAM	1	74	23.60	23.80	23.69						
15	16QAM	36	0	21.80	21.81	21.80						
15	16QAM	36	20	21.77	21.94	21.80						
15	16QAM	36	36	21.82	21.88	21.88	22.5	2				
15	16QAM	79	0	21.80	21.81	21.80						
15	16QAM	1	0	21.80	22.01	21.94						
15	16QAM	1	37	21.77	21.88	21.87						
15	16QAM	1	74	21.88	22.00	21.87	21.5	3				
15	16QAM	36	0	20.80	20.80	20.87						
15	16QAM	36	20	20.77	20.88	20.78						
15	16QAM	36	36	20.75	20.85	20.75						
15	16QAM	79	0	20.80	20.81	20.77	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.80	23.90	23.85	24.5	0				
10	QPSK	1	25	23.80	23.70	23.79						
10	QPSK	1	49	23.65	23.69	23.72						
10	QPSK	25	0	22.80	22.84	22.76						
10	QPSK	25	12	22.75	22.74	22.70	23.5	1				
10	QPSK	50	0	22.75	22.80	22.80						
10	QPSK	50	0	22.87	22.75	22.80						
10	16QAM	1	0	23.85	22.80	23.07						
10	16QAM	1	25	23.25	23.44	23.20	23.5	1				
10	16QAM	1	49	22.80	23.04	22.98						
10	16QAM	25	0	21.74	21.48	21.80						
10	16QAM	25	12	21.75	21.84	21.83						
10	16QAM	25	25	21.73	21.83	21.85	22.5	2				
10	16QAM	50	0	21.78	21.88	21.88						
10	16QAM	1	0	21.82	21.88	21.88						
10	16QAM	1	25	21.78	22.06	21.88						
10	16QAM	1	49	21.88	22.00	21.87	21.5	3				
10	16QAM	25	0	20.80	20.80	20.79						
10	16QAM	25	12	20.80	20.84	20.74						
10	16QAM	25	25	20.77	20.84	20.71						
10	16QAM	50	0	20.77	20.84	20.71	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.40	23.88	23.78	24.5	0				
5	QPSK	1	12	23.68	23.70	23.76						
5	QPSK	1	24	23.55	23.74	23.84						
5	QPSK	12	0	22.70	22.83	22.78						
5	QPSK	12	7	22.81	22.85	22.72	23.5	1				
5	QPSK	12	12	22.76	22.78	22.75						
5	QPSK	25	0	22.75	22.81	22.78						
5	16QAM	1	0	23.50	23.89	23.10						
5	16QAM	1	12	23.04	23.04	22.98	23.5	1				
5	16QAM	1	24	23.04	23.04	22.98						
5	16QAM	12	0	21.80	21.81	21.83						
5	16QAM	12	7	21.80	21.88	21.79						
5	16QAM	12	13	21.82	21.89	21.79	22.5	2				
5	16QAM	25	0	21.72	21.74	21.76						
5	16QAM	1	0	21.80	21.88	21.80						
5	16QAM	1	12	21.77	22.07	21.89						
5	16QAM	1	24	21.85	21.97	21.91	21.5	3				
5	16QAM	12	0	20.80	20.82	20.75						
5	16QAM	12	7	20.80	20.88	20.80						
5	16QAM	12	13	20.73	20.88	20.83						
5	16QAM	25	0	20.73	20.73	20.70	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.88	23.80	23.77	24.5	0				
3	QPSK	1	8	23.88	23.80	23.77						
3	QPSK	1	14	23.63	23.74	23.88						
3	QPSK	8	0	22.80	22.81	22.82						
3	QPSK	8	4	22.81	22.75	22.74	23.5	1				
3	QPSK	8	7	22.71	22.85	22.78						
3	QPSK	16	0	22.78	22.84	22.70						
3	16QAM	1	0	23.00	22.88	23.14						
3	16QAM	1	8	23.20	23.37	23.24	23.5	1				
3	16QAM	1	14	22.80	23.08	23.07						
3	16QAM	8	0	21.74	21.83	21.78						
3	16QAM	8	4	21.81	21.90	21.83						
3	16QAM	8	7	21.77	21.88	21.79	22.5	2				
3	16QAM	16	0	21.70	21.83	21.71						
3	16QAM	1	0	21.85	21.98	21.87						
3	16QAM	1	8	21.80	22.05	21.87						
3	16QAM	1	14	21.78	21.90	21.89	21.5	3				
3	16QAM	8	0	20.88	20.80	20.80						
3	16QAM	8	4	20.73	20.88	20.78						
3	16QAM	8	7	20.68	20.83	20.75						
3	16QAM	16	0	20.81	20.74	20.75	Time-up (ms)	MPH (dB)				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.72	23.87	23.80	24.5	0				
1.4	QPSK	1	3	23.77	23.72	23.83						
1.4	QPSK	3	0	23.68	23.79	23.72						
1.4	QPSK	3	1	23.67	23.70	23.69						
1.4	QPSK	3	3	23.57	23.85	23.68	23.5	1				
1.4	QPSK	8	0	22.73	22.80	22.78						
1.4	16QAM	1	0	23.90	23.08	23.14						
1.4	16QAM	1	3	23.20	23.70	23.24						
1.4	16QAM	1	5	23.88	23.97	22.98	23.5	1				
1.4	16QAM	3	0	23.80	23.90	23.18						
1.4	16QAM	3	1	23.20	23.70	23.22						
1.4	16QAM	3	3	23.85	23.97	22.93						
1.4	16QAM	8	0	21.70	21.77	21.78	22.5	2				
1.4	16QAM	8	1	21.78	21.88	21.80						
1.4	16QAM	8	3	21.73	22.06	21.84						
1.4	16QAM	8	5	21.80	21.97	21.81						
1.4	16QAM	8	7	21.72	22.00	21.85	21.5	3				
1.4	16QAM	16	0	20.78	20.83	20.80						
1.4	16QAM	16	1	20.73	20.88	20.78						
1.4	16QAM	16	3	20.68	20.83	20.75						



Band 4_Ant 2															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Fwd	Power Meds Ch./Fwd	Power High Ch./Fwd	Turn-up (dB)	MPE (dB)							
Channel															
Frequency (MHz)															
20	QPSK	1	0	24.46	24.43	24.53			25.5	0					
20	QPSK	1	49	24.31	24.43	24.53									
20	QPSK	1	99	24.45	24.41	24.17									
20	QPSK	50	0	23.31	23.40	23.43									
20	QPSK	50	24	23.30	23.38	23.49									
20	QPSK	50	50	23.38	23.38	23.30									
20	QPSK	100	0	23.31	23.47	23.46			24.5	1					
20	16QAM	1	0	23.55	23.78	23.89									
20	16QAM	1	49	23.73	23.74	23.70									
20	16QAM	1	99	23.46	23.78	23.95									
20	16QAM	50	0	23.25	23.30	23.26									
20	16QAM	50	24	23.24	23.42	23.46			23.5	2					
20	16QAM	50	50	23.25	23.21	23.36									
20	16QAM	100	0	23.31	23.31	23.40									
20	16QAM	1	0	23.52	23.59	23.50									
20	16QAM	1	49	23.37	23.61	23.59									
20	16QAM	1	99	23.61	23.11	23.26			22.5	3					
20	16QAM	50	0	23.11	23.49	23.43									
20	16QAM	50	24	23.46	23.35	23.36									
20	16QAM	50	50	23.26	23.18	23.31									
20	16QAM	100	0	23.25	23.39	23.47									
20	16QAM	1	0	23.50	23.68	23.66									
20	16QAM	1	49	23.30	23.67	23.69									
Channel															
Frequency (MHz)															
15	QPSK	1	0	24.42	24.46	24.43			25.5	0					
15	QPSK	1	37	24.18	24.39	24.41									
15	QPSK	1	74	24.40	24.29	24.15									
15	QPSK	36	0	23.23	23.31	23.30									
15	QPSK	36	36	23.17	23.38	23.36									
15	QPSK	36	36	23.27	23.27	23.19			24.5	1					
15	16QAM	1	0	23.42	23.66	23.63									
15	16QAM	1	37	23.63	23.69	23.61									
15	16QAM	1	74	23.57	23.64	23.66									
15	16QAM	36	0	23.15	23.28	23.42									
15	16QAM	36	20	23.19	23.25	23.40			23.5	2					
15	16QAM	36	36	23.24	23.28	23.27									
15	16QAM	75	0	23.18	23.27	23.28									
15	16QAM	1	0	23.44	23.52	23.49									
15	16QAM	1	49	23.30	23.61	23.59									
15	16QAM	1	74	23.60	23.07	23.22			22.5	3					
15	16QAM	36	0	23.00	23.26	23.30									
15	16QAM	36	36	23.17	23.37	23.35									
15	16QAM	36	36	23.17	23.17	23.15									
15	16QAM	75	0	23.22	23.24	23.41									
Channel															
Frequency (MHz)															
10	QPSK	1	0	24.36	24.44	24.39			25.5	0					
10	QPSK	1	25	24.24	24.30	24.36									
10	QPSK	1	50	24.34	24.30	24.41									
10	QPSK	25	0	23.16	23.51	23.34									
10	QPSK	25	12	23.19	23.32	23.30									
10	QPSK	25	25	23.25	23.25	23.30			24.5	1					
10	QPSK	50	0	23.23	23.32	23.30									
10	16QAM	1	0	23.50	23.71	23.66									
10	16QAM	1	49	23.34	23.76	23.69									
10	16QAM	1	99	23.34	23.65	23.65									
10	16QAM	25	0	23.12	23.39	23.43			23.5	2					
10	16QAM	25	25	23.16	23.38	23.40									
10	16QAM	50	0	23.22	23.22	23.28									
10	16QAM	50	25	23.11	23.25	23.31									
10	16QAM	50	50	23.14	23.39	23.40									
10	16QAM	1	0	23.46	23.66	23.62			22.5	3					
10	16QAM	1	49	23.30	23.67	23.69									
10	16QAM	25	0	23.08	23.36	23.39									
10	16QAM	25	25	23.12	23.12	23.14									
10	16QAM	50	0	23.27	23.21	23.42									
Channel															
Frequency (MHz)															
11.5	QPSK	1	0	24.38	24.47	24.39			25.5	0					
11.5	QPSK	1	24	24.24	24.30	24.36									
11.5	QPSK	1	49	24.37	24.33	24.45									
11.5	QPSK	12	0	23.17	23.25	23.40									
11.5	QPSK	12	12	23.17	23.25	23.40									
11.5	QPSK	12	12	23.21	23.29	23.43			24.5	1					
11.5	QPSK	25	0	23.16	23.25	23.41									
11.5	QPSK	25	7	23.20	23.28	23.23									
11.5	QPSK	15	0	23.12	23.34	23.39									
11.5	QPSK	15	0	23.16	23.25	23.41									
11.5	16QAM	1	0	23.41	23.76	23.57			24.5	1					
11.5	16QAM	1	24	23.26	23.57	23.62									
11.5	16QAM	12	0	23.07	23.33	23.40									
11.5	16QAM	12	12	23.13	23.17	23.29									
11.5	16QAM	25	0	23.12	23.20	23.25									
11.5	16QAM	25	0	23.12	23.20	23.25			23.5	2					
11.5	16QAM	25	25	23.15	23.17	23.29									
11.5	16QAM	50	0	23.22	23.27	23.32									
11.5	16QAM	50	24	23.27	23.49	23.49									
11.5	16QAM	100	0	23.31	23.41	23.49									
11.5	16QAM	1	0	23.67	23.88	23.85			22.5	3					
11.5	16QAM	1	49	23.51	23.90	23.86									
11.5	16QAM	1	99	23.84	23.30	23.39									
11.5	16QAM	50	0	23.19	23.30	23.36									
11.5	16QAM	50	24	23.24	23.46	23.46									
11.5	16QAM	100	0	23.31	23.41	23.49			22.5	2					
11.5	16QAM	1	0	23.92	24.13	24.10									
11.5	16QAM	1	49	24.06	24.45	24.41									
11.5	16QAM	1	99	24.39	23.84	23.93									
11.5	16QAM	50	0	23.26	23.36	23.42									
11.5	16QAM	50	24	23.31	23.53	23.53			22.5	3					
11.5	16QAM	50	50	23.36	23.36	23.45									
11.5	16QAM	100	0	23.41	23.51	23.59									
11.5	16QAM	1	0	23.77	23.98	23.95									
11.5	16QAM	1	49	23.61	24.00	23.96									
11.5	16QAM	1	99	23.94	23.39	23.48			22.5	2					
11.5	16QAM	50	0	23.20	23.30	23.36									
11.5	16QAM	50	24	23.25	23.47	23.47									
11.5	16QAM	100	0	23.31	23.41	23.49									
Channel															
Frequency (MHz)															
14	QPSK	1	0	24.32	24.38	24.43			25.5	0					
14	QPSK	1	3	24.21	24.27	24.38									
14	QPSK	1	24	24.44	24.20	24.21									
14	QPSK	1	3	24.30	24.38	24.35									
14	QPSK	3	0	24.13	24.20	24.28									
14	QPSK	3	1	24.19	24.18	24.24			24.5	1					
14	QPSK	6	0	23.14	23.26	23.33									
14	QPSK	6	1	23.40	23.40	23.52									
14	QPSK	6	2	23.42	23.42	23.55									
14	QPSK	6	3	23.27	23.68	23.63									
14	QPSK	3	0	23.26	23.53	23.49			24.5	1					
14	QPSK	3	1	23.49	23.49	23.62									
14	QPSK	3	2	23.21	23.61	23.62									
14	QPSK	6	0	23.27	23.20	23.23									
14	QPSK	6	1	23.47	23.47	23.54									
14	QPSK	1	0	23.23	23.48	23.54			23.5	2					
14	QPSK	1	3	22.49	23.03	23.17									
14	QPSK	3	1	23.16	23.29	23.38									
14	QPSK	3	2	23.40	23.68	23.68									
14	QPSK	3	3	23.15	23.49	23.49									

Band 7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Midline Ch. Freq.	Power High Ch. Freq.	Turn-up (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	24.50	24.73	24.88			
20	QPSK	1	49	24.56	24.37	24.50	25.5	0	
20	QPSK	1	99	24.58	24.24	24.58			
20	QPSK	50	0	23.28	23.51	23.28			
20	QPSK	50	24	23.21	23.41	23.28	24.5	1	
20	QPSK	50	50	23.12	23.45	23.31			
20	QPSK	100	0	23.21	23.44	23.30			
20	16QAM	1	0	23.46	23.66	23.38			
20	16QAM	1	49	23.41	23.69	23.37	24.5	1	
20	16QAM	1	99	23.44	23.55	23.29			
20	16QAM	50	0	22.19	22.22	22.32			
20	16QAM	50	24	22.15	22.35	22.26	23.5	2	
20	16QAM	50	50	22.28	22.45	22.30			
20	16QAM	100	0	22.32	22.31	22.38			
20	64QAM	1	0	21.82	22.28	22.31			
20	64QAM	1	49	22.25	22.36	22.21	23.5	2	
20	64QAM	1	99	22.29	22.35	22.32			
20	64QAM	50	0	21.62	21.78	21.74			
20	64QAM	50	24	21.64	21.56	21.53	22.5	3	
20	64QAM	50	50	21.75	21.73	21.83			
20	64QAM	100	0	21.28	21.65	21.79			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.23	24.70	24.40			
15	QPSK	1	37	24.21	24.47	24.43	25.5	0	
15	QPSK	1	74	24.29	24.41	24.31			
15	QPSK	36	0	23.28	23.54	23.34			
15	QPSK	36	28	23.27	23.49	23.38	24.5	1	
15	QPSK	36	36	23.21	23.52	23.38			
15	16QAM	75	0	23.53	23.47	23.39			
15	16QAM	1	0	23.81	23.72	23.63			
15	16QAM	1	37	23.48	23.79	23.48	24.5	1	
15	16QAM	1	74	23.49	23.84	23.59			
15	16QAM	36	0	22.27	22.36	22.42			
15	16QAM	36	28	22.25	22.45	22.34	23.5	2	
15	16QAM	36	36	22.38	22.48	22.38			
15	16QAM	75	0	22.31	22.45	22.35			
15	64QAM	1	0	22.89	22.31	22.87			
15	64QAM	1	37	22.38	22.41	22.39	23.5	2	
15	64QAM	1	74	22.34	22.45	22.88			
15	64QAM	36	0	21.55	21.88	21.79			
15	64QAM	36	28	21.75	21.84	21.88			
15	64QAM	36	36	21.70	21.82	21.71	22.5	3	
15	64QAM	75	0	21.84	21.87	21.84			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.23	24.67	24.42			
10	QPSK	1	25	24.22	24.44	24.43	25.5	0	
10	QPSK	1	49	24.25	24.45	24.38			
10	QPSK	25	0	23.27	23.53	23.35			
10	QPSK	25	12	23.25	23.48	23.35	24.5	1	
10	QPSK	25	25	23.21	23.54	23.36			
10	QPSK	50	0	23.24	23.49	23.37			
10	16QAM	1	0	23.54	23.73	23.48			
10	16QAM	1	25	23.51	23.79	23.43	24.5	1	
10	16QAM	1	49	23.54	23.65	23.38			
10	16QAM	25	0	22.24	22.37	22.37			
10	16QAM	25	12	22.22	22.43	22.32	23.5	2	
10	16QAM	25	25	22.35	22.47	22.49			
10	16QAM	50	0	22.27	22.40	22.39			
10	64QAM	1	0	21.87	22.32	22.10			
10	64QAM	1	25	22.30	22.35	22.30	23.5	2	
10	64QAM	1	49	22.34	22.47	22.11			
10	64QAM	25	0	21.51	21.84	21.84			
10	64QAM	25	12	21.71	21.85	21.88			
10	64QAM	25	25	21.81	21.82	21.71	22.5	3	
10	64QAM	50	0	21.80	21.79	21.84			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.22	24.68	24.43			
5	QPSK	1	12	24.20	24.45	24.41	25.5	0	
5	QPSK	1	24	24.25	24.44	24.38			
5	QPSK	12	0	23.20	23.53	23.32			
5	QPSK	12	7	23.21	23.49	23.36	24.5	1	
5	QPSK	12	13	23.40	23.50	23.39			
5	QPSK	25	0	23.22	23.47	23.38			
5	16QAM	1	0	23.58	23.73	23.44			
5	16QAM	1	12	23.58	23.76	23.46	24.5	1	
5	16QAM	1	24	23.51	23.63	23.38			
5	16QAM	12	0	22.21	22.32	22.38			
5	16QAM	12	7	22.25	22.41	22.31	23.5	2	
5	16QAM	12	13	22.24	22.48	22.48			
5	16QAM	25	0	22.26	22.38	22.33			
5	64QAM	1	0	21.88	22.34	22.18			
5	64QAM	1	12	22.32	22.37	22.27	23.5	2	
5	64QAM	1	24	22.36	22.43	22.11			
5	64QAM	12	0	21.84	21.86	21.79			
5	64QAM	12	7	21.75	21.84	21.85			
5	64QAM	12	13	21.89	21.88	21.89	22.5	3	
5	64QAM	25	0	21.81	21.87	21.88			

Band 7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Midline Ch. Freq.	Power High Ch. Freq.	Turn-up (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	24.28	24.53	24.22			
20	QPSK	1	49	24.24	24.15	24.12	25.2	0	
20	QPSK	1	99	24.18	24.28	24.11			
20	QPSK	50	0	23.22	23.38	23.38			
20	QPSK	50	24	23.23	23.35	23.35	24.2	1	
20	QPSK	50	50	23.17	23.29	23.52			
20	QPSK	100	0	23.14	23.32	23.19			
20	16QAM	1	0	23.50	23.12	23.47			
20	16QAM	1	49	23.97	23.95	23.43	24.2	1	
20	16QAM	1	99	23.47	23.22	23.64			
20	16QAM	50	0	22.65	22.31	22.29			
20	16QAM	50	24	22.18	22.32	22.28	23.2	2	
20	16QAM	50	50	22.17	22.42	22.17			
20	16QAM	100	0	22.23	22.32	22.24			
20	64QAM	1	0	22.10	22.48	22.48			
20	64QAM	1	49	21.83	22.68	22.25	23.2	2	
20	64QAM	1	99	22.47	22.47	22.49			
20	64QAM	50	0	21.16	21.29	21.13			
20	64QAM	50	24	21.25	21.24	21.15	22.2	3	
20	64QAM	50	50	21.20	21.41	21.38			
20	64QAM	100	0	21.24	21.34	21.22			
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.84	24.17	23.88			
15	QPSK	1	37	23.84	24.07	24.03	25.2	0	
15	QPSK	1	74	23.83	24.19	24.01			
15	QPSK	36	0	23.14	23.19	23.23			
15	QPSK	36	28	23.13	23.22	23.26	24.2	1	
15	QPSK	36	36	23.05	23.21	23.19			
15	16QAM	75	0	23.02	23.23	23.09			
15	16QAM	1	0	23.42	23.98	23.37			
15	16QAM	1	37	23.83	23.54	23.34	24.2	1	
15	16QAM	1	74	23.41	23.87	23.98			
15	16QAM	36	0	22.81	22.18	22.21			
15	16QAM	36	28	22.10	22.17	22.23	23.2	2	
15	16QAM	36	36	22.03	22.26	22.28			
15	16QAM	75	0	22.09	22.14	22.17			
15	64QAM	1	0	21.95	22.29	22.37			
15	64QAM	1	37	21.84	22.24	22.24	23.2	2	
15	64QAM	1	74	22.30	22.32	22.28			
15	64QAM	36	0	21.04	21.18	21.03			
15	64QAM	36	28	21.11	21.07	21.17			
15	64QAM	36	36	21.13	21.25	21.25	22.2	3	
15	64QAM	75	0	21.14	21.28	21.17			
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.79	24.25	23.87			
10	QPSK	1	25	23.83	24.12	24.01	25.2	0	
10	QPSK	1	49	23.83	24.13	23.98			
10	QPSK	25	0	23.66	23.28	23.16			
10	QPSK	25	12	23.11	23.21	23.18	24.2	1	
10	QPSK	25	25	23.15	23.20	23.23			
10	QPSK	50	0	23.05	23.19	23.08			
10	16QAM	1	0	23.59	23.11	23.36			
10	16QAM	1	25	23.59	23.25	23.31	24.2	1	
10	16QAM	1	49	23.41	23.22	23.55			
10	16QAM	25	0	22.99	22.16	22.19			
10	16QAM	25	12	22.11	22.25	22.25	23.2	2	
10	16QAM	25	25	22.06	22.25	22.19			
10	16QAM	50	0	22.05	22.09	22.10			
10	16QAM	50	12	22.05	22.27	22.23			
10	16QAM	1	25	22.65	22.60	22.54	23.2	2	
10	16QAM	1	49	22.65	22.61	22.59			
10	16QAM	25	0	21.03	21.12	21.02			
10	16QAM	25	12	21.16	21.17	21.14	22.2	3	
10	16QAM	25	25	21.09	21.28	21.28			
10	16QAM	50	0	21.08	21.27	21.21			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.79	24.18	24.04			
5	QPSK	1	12	23.84	23.97	24.04	25.2	0	
5	QPSK	1	24	23.84	24.01	24.01			
5	QPSK	12	0	23.07	23.28	23.20			
5	QPSK	12	7	23.04	23.22	23.28	24.2	1	
5	QPSK	12	12	23.04	23.22	23.28			
5	QPSK	25	0	23.04	23.28	23.14			
5	16QAM	1	0	23.43	23.29	23.33			
5	16QAM	1	12	23.43	23.24	23.43	24.2	1	
5	16QAM	1	24	23.39	23.51	23.48			
5	16QAM	12	0	21.86	21.18	22.25			
5	16QAM	12	7	21.86	21.18	22.23	23.2	2	
5	16QAM	12	12	21.86	21.18	22.24			
5	16QAM	25	0	22.06	22.17	22.12			
5	16QAM	25	7	22.09	22.36	22.36			
5	16QAM	1	12	21.79	22.59	22.24	22.2	2	
5	16QAM	1	24	22.41	22.41	22.36			
5	16QAM	12	7	21.20	21.19	21.18	22.2	3	
5	16QAM	12	12	21.27	21.18	21.18			
5	16QAM	25	0	21.10	21.16	21.25			

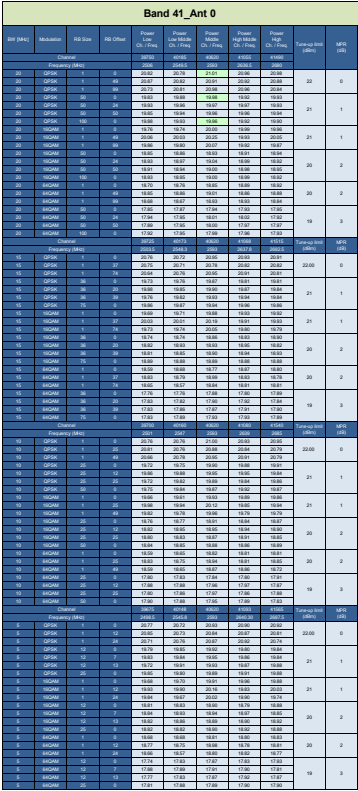


Band 12_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up time (dBm)	MPE (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.03	24.03	24.03				
10	QPSK	1	25	24.02	24.00	24.00	25.5	0		
10	QPSK	1	49	24.00	24.75	24.85				
10	QPSK	25	0	23.94	23.97	23.94				
10	QPSK	25	12	23.90	23.91	23.87	24.5	1		
10	QPSK	25	25	23.90	23.90	23.85				
10	QPSK	50	0	23.84	23.92	23.91				
10	16QAM	1	25	24.12	24.10	24.10	24.5	1		
10	16QAM	1	49	24.00	24.00	24.07				
10	16QAM	25	0	22.90	22.92	23.00				
10	16QAM	25	25	22.97	22.97	22.94	23.5	2		
10	16QAM	50	0	22.90	22.90	22.91				
10	16QAM	1	0	22.94	22.98	22.92				
10	16QAM	1	25	23.91	23.10	23.45	23.5	2		
10	16QAM	1	49	23.00	23.00	22.90				
10	16QAM	25	0	21.72	21.87	21.86				
10	16QAM	25	12	21.00	21.90	21.86	22.5	3		
10	16QAM	25	25	22.00	21.97	22.02				
10	16QAM	50	0	21.80	21.81	22.10				
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.03	24.75	24.84				
5	QPSK	1	12	24.79	24.79	24.76	25.5	0		
5	QPSK	1	24	24.78	24.60	24.75				
5	QPSK	12	0	23.75	23.80	23.71				
5	QPSK	12	6	23.80	23.86	23.87	24.5	1		
5	QPSK	12	13	23.84	23.85	23.78				
5	QPSK	25	0	23.87	23.83	23.80				
5	16QAM	1	0	24.22	23.81	24.07				
5	16QAM	1	12	24.03	24.02	24.00	24.5	1		
5	16QAM	1	24	24.19	24.30	24.30				
5	16QAM	12	0	22.77	22.80	22.82				
5	16QAM	12	7	22.94	22.90	22.94	23.5	2		
5	16QAM	12	13	22.85	22.90	22.87				
5	16QAM	25	0	22.70	22.70	22.69				
5	16QAM	1	0	22.70	22.70	22.69	23.5	2		
5	16QAM	1	24	22.97	22.90	22.84				
5	16QAM	12	0	21.83	21.87	21.85				
5	16QAM	12	6	21.84	21.86	21.79	22.5	3		
5	16QAM	12	13	21.00	21.80	21.70				
5	16QAM	25	0	21.80	21.80	21.84				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.52	24.72	24.50				
1.4	QPSK	1	0	24.74	24.70	24.70	25.5	0		
1.4	QPSK	1	3	24.70	24.60	24.70				
1.4	QPSK	3	0	23.66	23.61	23.70				
1.4	QPSK	3	4	23.62	23.64	23.62	24.5	1		
1.4	QPSK	3	8	23.80	23.84	23.81				
1.4	QPSK	15	0	23.73	23.86	23.86				
1.4	16QAM	1	0	24.22	23.94	24.10				
1.4	16QAM	1	0	24.01	24.04	24.03	24.5	1		
1.4	16QAM	1	14	24.20	24.46	24.37				
1.4	16QAM	8	0	22.84	22.80	22.81				
1.4	16QAM	8	7	22.94	22.82	22.86	23.5	2		
1.4	16QAM	8	7	22.87	22.87	22.89				
1.4	16QAM	15	0	22.80	22.90	22.84				
1.4	16QAM	1	0	22.71	22.71	22.69				
1.4	16QAM	1	8	22.89	23.03	23.30	23.5	2		
1.4	16QAM	8	7	21.80	21.80	21.80				
1.4	16QAM	8	7	21.89	21.83	21.84				
1.4	16QAM	8	4	21.83	21.81	21.71	22.5	3		
1.4	16QAM	8	7	21.87	21.80	21.80				
1.4	16QAM	15	0	21.79	21.90	21.80				
Channel										
Frequency (MHz)										
1.4	QPSK	1	1	24.70	24.70	24.70				
1.4	QPSK	1	3	24.70	24.71	24.70	25.5	0		
1.4	QPSK	3	0	24.41	24.54	24.41				
1.4	QPSK	3	1	24.80	24.57	24.71				
1.4	QPSK	3	7	24.59	24.69	24.60				
1.4	QPSK	4	0	23.72	23.83	23.82	24.5	1		
1.4	16QAM	1	0	24.21	23.82	24.00				
1.4	16QAM	1	0	24.25	24.41	24.42	24.5	1		
1.4	16QAM	3	0	24.13	23.88	23.94				
1.4	16QAM	3	0	23.94	23.94	24.01				
1.4	16QAM	3	3	24.14	24.02	24.34				
1.4	16QAM	8	0	22.83	22.87	22.85	23.5	2		
1.4	16QAM	1	0	22.80	22.70	22.80				
1.4	16QAM	1	3	22.90	22.97	23.10				
1.4	16QAM	1	5	22.91	22.97	22.85	23.5	2		
1.4	16QAM	3	1	22.80	22.72	22.83				
1.4	16QAM	3	7	22.78	22.97	23.10				
1.4	16QAM	3	3	22.73	22.83	22.72				
1.4	16QAM	8	0	21.79	21.86	21.80	22.5	3		

Band 12_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-on time (dBm)	MPE (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.06	24.16	23.03				
10	QPSK	1	25	24.10	23.91	24.01	25.5	0		
10	QPSK	1	49	24.02	23.80	24.14				
10	QPSK	25	0	22.94	23.17	23.00				
10	QPSK	25	12	23.10	23.06	23.13	24.5	1		
10	QPSK	25	25	23.14	23.12	23.11				
10	QPSK	50	0	23.04	23.08	23.07				
10	16QAM	1	0	23.59	23.82	23.27				
10	16QAM	1	25	23.49	23.51	23.00	24.5	1		
10	16QAM	1	49	23.51	23.85	23.53				
10	16QAM	25	0	22.91	22.13	22.00				
10	16QAM	25	12	22.21	22.10	22.08	23.5	2		
10	16QAM	25	25	22.24	22.11	22.10				
10	16QAM	50	0	22.22	21.99	22.16				
10	16QAM	1	0	22.09	22.09	21.89				
10	16QAM	1	25	22.30	22.34	22.22	23.5	2		
10	16QAM	1	49	22.29	22.31	22.26				
10	16QAM	25	0	21.82	21.86	21.81				
10	16QAM	25	12	21.17	21.08	21.00	22.5	3		
10	16QAM	25	25	21.13	21.13	21.09				
10	16QAM	50	0	21.10	21.07	21.10				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.92	23.90	23.70				
5	QPSK	1	12	23.99	23.90	23.91	25.5	0		
5	QPSK	1	24	23.88	23.81	24.07				
5	QPSK	12	0	22.91	23.00	22.97				
5	QPSK	12	7	22.96	22.97	23.02	24.5	1		
5	QPSK	12	13	23.00	23.09	22.96				
5	QPSK	25	0	22.89	22.93	22.93				
5	16QAM	1	0	23.94	23.91	23.14				
5	16QAM	1	12	23.41	23.42	22.98	24.5	1		
5	16QAM	1	24	23.44	23.52	23.46				
5	16QAM	12	0	21.80	22.03	21.90				
5	16QAM	12	7	22.03	22.03	21.85	23.5	2		
5	16QAM	12	13	22.03	22.06	22.00				
5	16QAM	25	0	22.11	21.91	21.88				
5	16QAM	1	0	21.90	21.89	21.78	23.5	2		
5	16QAM	1	12	22.03	22.06	22.00				
5	16QAM	1	24	22.20	22.20	22.44				
5	16QAM	12	0	20.92	20.92	20.84				
5	16QAM	12	7	21.24	21.22	21.00	22.5	3		
5	16QAM	12	13	21.23	21.13	20.96				
5	16QAM	25	0	21.04	20.79	21.00				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.96	24.01	23.85				
3	QPSK	1	8	23.90	23.80	23.97	25.5	0		
3	QPSK	1	14	23.92	23.82	24.02				
3	QPSK	8	0	22.92	23.10	22.94				
3	QPSK	8	4	22.96	22.94	22.98	24.5	1		
3	QPSK	8	7	22.98	23.00	23.07				
3	QPSK	15	0	22.91	23.01	22.98				
3	16QAM	1	0	23.93	23.93	23.11				
3	16QAM	1	8	23.42	23.42	22.98	24.5	1		
3	16QAM	1	14	23.45	23.45	23.01				
3	16QAM	8	0	22.93	23.11	22.97				
3	16QAM	8	7	22.10	22.13	21.00	23.5	2		
3	16QAM	15	0	22.91	23.01	22.98				
3	16QAM	1	8	22.20	22.19	22.00	23.5	2		
3	16QAM	8	0	21.90	21.89	21.78				
3	16QAM	8	4	21.14	20.98	20.91	22.5	3		
3	16QAM	8	7	21.17	21.16	20.98				
3	16QAM	15	0	21.06	20.84	21.00				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.90	23.95	23.90				
1.4	QPSK	1	3	23.92	23.77	23.89				
1.4	QPSK	1	6	23.93	23.76	23.86	25.5	0		
1.4	QPSK	3	0	23.83	23.82	23.78				
1.4	QPSK	3	1	23.84	23.84	23.80				
1.4	QPSK	3	2	23.85	23.85	23.82				
1.4	QPSK	6	0	23.81	23.83	23.84	24.5	1		
1.4	QPSK	6	3	23.82	23.80	23.87				
1.4	QPSK	6	6	23.83	23.82	23.81				
1.4	QPSK	3	0	23.42	23.40	23.47				
1.4	QPSK	3	3	23.43	23.39	23.41	24.5	1		
1.4	QPSK	3	6	23.44	23.40	23.41				
1.4	QPSK	6	0	23.45	23.43	23.42				
1.4	QPSK	6	3	23.46	23.42	23.43				
1.4	QPSK	6	6	23.47	23.43	23.44	23.5	2		
1.4	QPSK	1	0	23.20	23.16	23.12				
1.4	QPSK	1	3	23.21	23.27	23.26				
1.4	QPSK	1	6	23.22	23.24	23.24	23.5	2		
1.4	QPSK	3	0	23.18	23.08	23.04				
1.4	QPSK	3	3	23.19	23.11	23.06				
1.4	QPSK	3	6	23.20	23.05	23.01	22.5	3		
1.4	QPSK	6	0	23.12	23.03	23.01				

Band 17_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Meds Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPN (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				706.5	710	713.5			
10	QPSK	1	0	24.05	24.07	24.02	25.5	0	
10	QPSK	1	25	24.77	24.80	24.85			
10	QPSK	1	49	24.65	24.68	24.81			
10	QPSK	25	0	23.87	23.98	23.92	24.5	1	
10	QPSK	25	12	23.81	23.97	23.96			
10	QPSK	25	25	23.90	23.87	23.93			
10	16QAM	1	0	24.04	24.20	24.33	24.5	1	
10	16QAM	1	25	24.26	24.87	24.11			
10	16QAM	1	49	24.27	24.36	24.50			
10	16QAM	25	0	23.90	23.92	23.94	23.5	2	
10	16QAM	25	12	22.97	23.10	22.88			
10	16QAM	25	25	23.01	22.80	23.98			
10	16QAM	50	0	22.94	23.01	23.02	23.5	2	
10	8QAM	1	0	23.90	23.97	22.71			
10	8QAM	1	25	22.85	23.16	23.86			
10	8QAM	1	49	23.28	22.80	23.28	22.5	3	
10	8QAM	25	0	22.69	21.99	21.91			
10	8QAM	25	12	22.08	22.08	22.00			
10	8QAM	25	25	21.93	21.82	21.81	22.5	3	
10	8QAM	50	0	21.97	21.95	21.90			
Channel				23785	23790	23805			Time-up (ms)
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.02	24.31	24.71	25.5	0	
5	QPSK	1	12	24.46	24.74	24.71			
5	QPSK	1	24	24.57	24.80	24.84			
5	QPSK	12	0	23.76	23.80	23.82	24.5	1	
5	QPSK	12	7	23.82	23.81	23.88			
5	QPSK	12	13	23.78	23.76	23.81			
5	QPSK	25	0	23.79	23.82	23.82	24.5	1	
5	16QAM	1	0	23.81	24.05	24.26			
5	16QAM	1	12	24.18	24.05	24.01			
5	16QAM	1	24	24.21	24.31	24.40	23.5	2	
5	16QAM	12	0	22.80	22.76	22.90			
5	16QAM	12	7	22.85	22.95	22.77			
5	16QAM	12	13	22.80	22.83	22.89	23.5	2	
5	16QAM	25	0	22.83	22.80	22.80			
5	8QAM	1	0	23.43	23.02	22.63			
5	8QAM	1	12	22.77	23.06	22.78	23.5	2	
5	8QAM	1	24	23.13	22.47	23.14			
5	8QAM	12	0	21.89	21.95	21.82			
5	8QAM	12	7	21.89	20.86	21.87	22.5	3	
5	8QAM	12	13	21.98	21.77	21.76			
5	8QAM	25	0	21.87	21.87	21.89			

Band 17_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Meds Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPN (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				710	713	716.5			
10	QPSK	1	0	24.05	24.24	23.95	25.5		
10	QPSK	1	25	24.21	24.05	24.04			
10	QPSK	1	49	24.13	24.18	24.22			
10	QPSK	25	0	23.13	23.94	23.12	24.5		1
10	QPSK	25	12	23.22	23.22	23.18			
10	QPSK	25	25	23.19	23.23	23.15			
10	QPSK	50	0	23.24	23.24	23.17	24.5		1
10	16QAM	1	0	23.60	23.02	23.94			
10	16QAM	1	25	23.83	23.88	23.80			
10	16QAM	1	49	23.82	23.82	23.87	23.5		2
10	16QAM	25	0	22.36	22.10	22.71			
10	16QAM	25	12	22.43	22.28	22.81			
10	16QAM	25	25	22.23	22.25	22.19	23.5		2
10	16QAM	50	0	22.36	22.34	22.27			
10	8QAM	1	0	22.48	22.46	22.52			
10	8QAM	1	25	22.24	22.25	22.07	23.5		2
10	8QAM	1	49	22.48	22.27	22.45			
10	8QAM	25	0	21.15	21.16	21.17			
10	8QAM	25	12	21.27	21.23	21.12	22.5		3
10	8QAM	25	25	21.19	21.22	21.23			
10	8QAM	50	0	21.22	21.23	21.17			
Channel				23785	23790	23805	Time-up (ms)	MPN (dB)	
Frequency (MHz)				710	713	716.5			
5	QPSK	1	0	23.94	24.10	23.80	25.5		
5	QPSK	1	12	24.07	23.87	23.89			
5	QPSK	1	24	24.07	24.06	24.16			
5	QPSK	12	0	22.97	23.98	22.87	24.5		
5	QPSK	12	7	23.08	23.11	23.07			
5	QPSK	12	13	23.09	23.10	23.04			
5	QPSK	25	0	23.18	23.05	23.10	24.5		1
5	16QAM	1	0	23.83	22.86	23.28			
5	16QAM	1	12	23.73	23.20	23.28			
5	16QAM	1	24	23.98	23.94	23.98	23.5		2
5	16QAM	12	0	22.15	22.01	22.06			
5	16QAM	12	7	22.34	22.12	22.02			
5	16QAM	12	13	22.15	22.16	22.16	23.5		2
5	16QAM	25	0	22.15	22.14	22.11			
5	8QAM	1	0	22.37	22.38	22.40			
5	8QAM	1	12	22.11	22.12	22.11	23.5		2
5	8QAM	1	24	22.30	22.14	22.31			
5	8QAM	12	0	21.10	21.12	21.09			
5	8QAM	12	7	21.17	21.08	20.98	22.5		3
5	8QAM	12	13	21.10	21.15	21.14			
5	8QAM	25	0	21.11	21.13	21.21			

[illegible][illegible][illegible]



Reduced Power for DSI 5

Band 2_Ant 2												
RF [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. 1 [FdB]	Power Level Ch. 2 [FdB]	Power Level Ch. 3 [FdB]	Turn-up time (dBm)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.37	23.37	23.30	24	0				
20	QPSK	1	40	23.35	23.35	23.30						
20	QPSK	1	80	23.32	23.32	23.30						
20	QPSK	50	0	22.80	22.80	22.80						
20	QPSK	10	24	22.80	22.80	22.80	23.5	0.5				
20	QPSK	50	50	22.80	22.80	22.80						
20	QPSK	100	0	22.64	22.67	22.70						
20	QPSK	100	0	23.34	23.31	23.07						
20	16QAM	1	40	23.20	23.30	23.25	23.5	0.5				
20	16QAM	1	80	22.80	23.34	22.90						
20	16QAM	50	0	21.87	21.80	21.80						
20	16QAM	50	24	21.80	21.80	21.80						
20	16QAM	100	0	21.80	21.80	21.80	23.5	1.5				
20	16QAM	100	0	21.80	21.80	21.80						
20	16QAM	100	0	21.80	21.80	21.80						
20	16QAM	100	0	21.80	21.80	21.80						
20	64QAM	1	0	21.80	21.80	21.80	22.5	1.5				
20	64QAM	1	40	21.80	21.80	21.80						
20	64QAM	1	80	21.70	21.70	21.68						
20	64QAM	1	80	21.70	21.70	21.68						
20	64QAM	50	0	20.80	20.80	20.87	21.5	2.5				
20	64QAM	50	24	20.80	20.80	20.80						
20	64QAM	50	50	20.87	20.80	20.80						
20	64QAM	100	0	20.84	20.87	20.84						
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.20	23.34	23.20	24	0				
15	QPSK	1	37	23.21	23.31	23.31						
15	QPSK	1	74	23.20	23.25	23.20						
15	QPSK	50	0	22.74	22.80	22.70						
15	QPSK	10	30	22.71	22.70	22.77	23.5	0.5				
15	QPSK	30	30	22.74	22.80	22.80						
15	QPSK	30	30	22.74	22.80	22.80						
15	QPSK	30	30	22.74	22.80	22.80						
15	16QAM	1	0	22.74	22.80	22.70	23.5	0.5				
15	16QAM	1	74	22.70	22.70	22.70						
15	16QAM	1	37	23.20	23.10	23.17						
15	16QAM	1	0	23.00	23.00	23.00						
15	16QAM	30	0	21.77	21.70	21.70	23.5	1.5				
15	16QAM	30	20	21.77	21.84	21.72						
15	16QAM	30	30	21.70	21.87	21.80						
15	16QAM	30	0	21.80	21.70	21.68						
15	64QAM	1	0	21.87	21.80	21.80	23.5	1.5				
15	64QAM	1	37	21.84	21.80	21.84						
15	64QAM	1	74	21.80	20.92	21.80						
15	64QAM	50	0	20.70	20.70	20.77						
15	64QAM	30	20	20.70	20.84	20.70	21.5	2.5				
15	64QAM	30	30	20.70	20.80	20.80						
15	64QAM	30	0	20.70	20.80	20.70						
15	64QAM	100	0	20.70	20.80	20.70						
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.20	23.34	23.20	24	0				
10	QPSK	1	25	23.24	23.31	23.24						
10	QPSK	1	40	23.10	23.20	23.21						
10	QPSK	25	0	22.70	22.70	22.70						
10	QPSK	25	12	22.70	22.70	22.70	23.5	0.5				
10	QPSK	25	25	22.68	22.60	22.60						
10	QPSK	25	0	22.60	22.61	22.60						
10	QPSK	25	0	22.60	22.61	22.60						
10	16QAM	1	0	23.00	23.04	23.00	23.5	0.5				
10	16QAM	1	25	23.20	23.20	23.10						
10	16QAM	1	40	22.77	23.20	23.00						
10	16QAM	25	0	21.71	21.80	21.70						
10	16QAM	25	12	21.70	21.84	21.77	23.5	1.5				
10	16QAM	25	25	21.81	21.80	21.70						
10	16QAM	50	0	21.80	21.70	21.70						
10	16QAM	1	0	21.80	21.80	21.80						
10	64QAM	1	0	21.80	21.80	21.80	23.5	1.5				
10	64QAM	1	40	21.70	22.07	21.80						
10	64QAM	1	0	20.80	20.70	20.70						
10	64QAM	25	12	20.70	20.80	20.70						
10	64QAM	25	25	20.70	20.87	20.70	21.5	2.5				
10	64QAM	10	0	20.70	20.80	20.80						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.27	23.33	23.27	24	0				
5	QPSK	1	12	23.30	23.30	23.31						
5	QPSK	1	24	23.17	23.20	23.20						
5	QPSK	12	0	22.71	22.80	22.80						
5	QPSK	12	7	22.74	22.80	22.74	23.5	0.5				
5	QPSK	12	15	22.74	22.84	22.82						
5	QPSK	20	0	22.77	22.84	22.70						
5	16QAM	1	0	23.04	22.84	22.80						
5	16QAM	1	12	23.00	22.80	22.80	23.5	0.5				
5	16QAM	1	24	22.74	23.11	22.87						
5	16QAM	12	0	21.70	21.80	21.70						
5	16QAM	12	7	21.80	21.80	21.70						
5	16QAM	12	15	21.70	21.87	21.70	23.5	1.5				
5	16QAM	20	0	21.80	21.80	21.74						
5	16QAM	1	0	21.80	21.80	21.80						
5	16QAM	1	12	21.80	21.80	20.12						
5	64QAM	1	24	21.80	22.01	21.91	23.5	1.5				
5	64QAM	12	0	20.70	20.84	20.80						
5	64QAM	12	7	20.80	20.80	20.70						
5	64QAM	12	15	20.80	20.80	20.70						
5	64QAM	20	0	20.70	20.70	20.74	21.5	2.5				
5	64QAM	20	0	20.70	20.70	20.74						
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.27	23.34	23.20	24	0				
3	QPSK	1	8	23.27	23.20	23.20						
3	QPSK	1	16	23.11	23.20	23.20						
3	QPSK	8	0	22.70	22.80	22.80						
3	QPSK	8	4	22.70	22.80	22.70	23.5	0.5				
3	QPSK	8	7	22.70	22.80	22.84						
3	QPSK	16	0	22.74	22.77	22.70						
3	16QAM	1	0	23.10	23.01	23.00						
3	16QAM	1	8	23.10	23.24	23.10	23.5	0.5				
3	16QAM	1	16	22.70	23.07	22.87						
3	16QAM	8	0	21.80	21.87	21.77						
3	16QAM	8	4	21.81	21.80	21.70						
3	16QAM	8	7	21.80	21.81	21.87	23.5	1.5				
3	16QAM	16	0	21.80	21.80	21.71						
3	16QAM	1	0	21.80	21.80	21.80						
3	64QAM	1	8	21.80	21.80	22.00						
3	64QAM	1	16	21.80	21.80	21.87	23.5	1.5				
3	64QAM	1	8	20.70	20.70	20.70						
3	64QAM	8	4	20.70	20.80	20.87						
3	64QAM	8	7	20.70	20.80	20.70						
3	64QAM	10	0	20.87	20.80	20.70	21.5	2.5				
3	64QAM	10	0	20.87	20.80	20.70						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.21	23.30	23.24	24	0				
1.4	QPSK	1	3	22.87	22.80	22.81						
1.4	QPSK	1	0	22.84	22.70	22.80						
1.4	QPSK	3	0	23.11	23.11	23.07	24	0				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	0.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68	23.5	1.5				
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4	QPSK	3	0	22.77	22.74	22.68						
1.4												



Band 4_Ant 2									
RF (MHz)	Modulation	RF Size	RF Offset	Power Ch./F/Freq.	Power Ch./F/Freq.	Power Ch./F/Freq.	Turn-on time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.00	22.00	22.00			
20	QPSK	1	49	22.04	22.04	22.04			
20	QPSK	1	99	22.08	22.08	22.08			
20	QPSK	50	0	22.02	22.02	22.02			
20	QPSK	50	50	21.98	21.98	21.98			
20	QPSK	100	0	21.97	21.97	21.97			
20	QPSK	1	49	21.81	21.84	21.79			
20	QPSK	1	99	22.01	22.01	22.01			
20	QPSK	50	0	21.92	21.92	21.92			
20	QPSK	50	50	21.71	21.67	21.65			
20	QPSK	100	0	21.65	21.67	21.63			
20	QPSK	1	0	21.65	21.64	21.67			
20	QPSK	1	49	21.59	21.59	21.59			
20	QPSK	1	99	21.59	21.59	21.59			
20	QPSK	50	0	21.12	21.46	21.44			
20	QPSK	50	50	21.43	21.43	21.43			
20	QPSK	50	50	21.28	21.31	21.34			
20	QPSK	100	0	21.34	21.34	21.49			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.88	22.03	22.02			
15	QPSK	1	37	21.88	21.87	21.85			
15	QPSK	1	74	21.88	21.88	22			
15	QPSK	36	0	21.89	21.93	21.92			
15	QPSK	36	36	21.82	21.81	21.82			
15	QPSK	36	36	21.84	21.87	21.89			
15	QPSK	72	0	21.85	21.88	21.88			
15	QPSK	72	72	21.79	21.84	21.81			
15	QPSK	1	37	21.72	21.77	21.77			
15	QPSK	1	74	21.79	21.84	21.81			
15	QPSK	36	0	21.59	21.67	21.64			
15	QPSK	36	36	21.69	21.69	21.54			
15	QPSK	72	0	21.60	21.68	21.68			
15	QPSK	72	72	21.52	21.62	21.58			
15	QPSK	1	0	21.51	21.58	21.75			
15	QPSK	1	37	21.49	21.49	21.49			
15	QPSK	1	74	21.51	21.51	21.47			
15	QPSK	36	0	20.92	20.97	20.92			
15	QPSK	36	36	20.92	20.97	20.92			
15	QPSK	36	36	20.98	20.7	20.79			
15	QPSK	72	0	20.76	20.76	20.76			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.03	22.03	21.98			
10	QPSK	1	49	21.92	21.92	21.92			
10	QPSK	1	99	21.86	21.87	21.89			
10	QPSK	50	0	21.92	21.92	21.92			
10	QPSK	50	50	21.9	21.91	21.9			
10	QPSK	100	0	21.92	21.86	21.86			
10	QPSK	1	0	21.86	21.86	21.86			
10	QPSK	1	49	21.88	21.88	21.88			
10	QPSK	1	99	21.79	21.79	21.79			
10	QPSK	50	0	21.71	21.72	21.72			
10	QPSK	50	50	21.6	21.6	21.6			
10	QPSK	100	0	21.57	21.58	21.58			
10	QPSK	1	0	21.57	21.57	21.57			
10	QPSK	1	49	21.51	21.54	21.54			
10	QPSK	1	99	21.49	21.49	21.49			
10	QPSK	50	0	21.42	21.45	21.45			
10	QPSK	50	50	21.36	21.39	21.39			
10	QPSK	100	0	21.36	21.36	21.36			
10	QPSK	1	0	21.36	21.36	21.36			
10	QPSK	1	49	21.3	21.3	21.49			
10	QPSK	1	99	21.24	21.27	21.26			
10	QPSK	50	0	21.24	21.24	21.24			
10	QPSK	50	50	21.18	21.19	21.19			
10	QPSK	100	0	21.18	21.18	21.18			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.03	22.03	22.03			
5	QPSK	1	49	21.92	21.92	21.92			
5	QPSK	1	99	21.86	21.87	21.89			
5	QPSK	50	0	21.92	21.92	21.92			
5	QPSK	50	50	21.9	21.91	21.9			
5	QPSK	100	0	21.92	21.86	21.86			
5	QPSK	1	0	21.86	21.86	21.86			
5	QPSK	1	49	21.88	21.88	21.88			
5	QPSK	1	99	21.79	21.79	21.79			
5	QPSK	50	0	21.71	21.72	21.72			
5	QPSK	50	50	21.6	21.6	21.6			
5	QPSK	100	0	21.57	21.58	21.58			
5	QPSK	1	0	21.57	21.57	21.57			
5	QPSK	1	49	21.51	21.54	21.54			
5	QPSK	1	99	21.49	21.49	21.49			
5	QPSK	50	0	21.42	21.45	21.45			
5	QPSK	50	50	21.36	21.39	21.39			
5	QPSK	100	0	21.36	21.36	21.36			
5	QPSK	1	0	21.36	21.36	21.36			
5	QPSK	1	49	21.3	21.3	21.49			
5	QPSK	1	99	21.24	21.27	21.26			
5	QPSK	50	0	21.24	21.24	21.24			
5	QPSK	50	50	21.18	21.19	21.19			
5	QPSK	100	0	21.18	21.18	21.18			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.03	22.03	22.03			
1.4	QPSK	1	49	21.92	21.92	21.92			
1.4	QPSK	1	99	21.86	21.87	21.89			
1.4	QPSK	50	0	21.92	21.92	21.92			
1.4	QPSK	50	50	21.9	21.91	21.9			
1.4	QPSK	100	0	21.92	21.86	21.86			
1.4	QPSK	1	0	21.86	21.86	21.86			
1.4	QPSK	1	49	21.88	21.88	21.88			
1.4	QPSK	1	99	21.79	21.79	21.79			
1.4	QPSK	50	0	21.71	21.72	21.72			
1.4	QPSK	50	50	21.6	21.6	21.6			
1.4	QPSK	100	0	21.57	21.58	21.58			
1.4	QPSK	1	0	21.57	21.57	21.57			
1.4	QPSK	1	49	21.51	21.54	21.54			
1.4	QPSK	1	99	21.49	21.49	21.49			
1.4	QPSK	50	0	21.42	21.45	21.45			
1.4	QPSK	50	50	21.36	21.39	21.39			
1.4	QPSK	100	0	21.36	21.36	21.36			
1.4	QPSK	1	0	21.36	21.36	21.36			
1.4	QPSK	1	49	21.3	21.3	21.49			
1.4	QPSK	1	99	21.24	21.27	21.26			
1.4	QPSK	50	0	21.24	21.24	21.24			
1.4	QPSK	50	50	21.18	21.19	21.19			
1.4	QPSK	100	0	21.18	21.18	21.18			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.03	22.03	22.03			
1.4	QPSK	1	49	21.92	21.92	21.92			
1.4	QPSK	1	99	21.86	21.87	21.89			
1.4	QPSK	50	0	21.92	21.92	21.92			
1.4	QPSK	50	50	21.9	21.91	21.9			
1.4	QPSK	100	0	21.92	21.86	21.86			
1.4	QPSK	1	0	21.86	21.86	21.86			
1.4	QPSK	1	49	21.88	21.88	21.88			
1.4	QPSK	1	99	21.79	21.79	21.79			
1.4	QPSK	50	0	21.71	21.72	21.72			
1.4	QPSK	50	50	21.6	21.6	21.6			
1.4	QPSK	100	0	21.57	21.58	21.58			
1.4	QPSK	1	0	21.57	21.57	21.57			
1.4	QPSK	1	49	21.51	21.54	21.54			
1.4	QPSK	1	99	21.49	21.49	21.49			
1.4	QPSK	50	0	21.42	21.45	21.45			
1.4	QPSK	50	50	21.36	21.39	21.39			
1.4	QPSK	100	0	21.36	21.36	21.36			
1.4	QPSK	1	0	21.36	21.36	21.36			
1.4	QPSK	1	49	21.3	21.3	21.49			
1.4	QPSK	1	99	21.24	21.27	21.26			
1.4	QPSK	50	0	21.24	21.24	21.24			
1.4	QPSK	50	50	21.18	21.19	21.19			
1.4	QPSK	100	0	21.18	21.18	21.18			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.03	22.03	22.03			
1.4	QPSK	1	49	21.92	21.92	21.92			
1.4	QPSK	1	99	21.86	21.87	21.89			
1.4	QPSK	50	0	21.92	21.92	21.92			
1.4	QPSK	50	50	21.9	21.91	21.9			
1.4	QPSK	100	0	21.92	21.86	21.86			
1.4	QPSK	1	0	21.86	21.86	21.86			
1.4	QPSK	1	49	21.88	21.88	21.88			
1.4	QPSK	1	99	21.79	21.79	21.79			
1.4	QPSK	50	0	21.71	21.72	21.72			
1.4	QPSK	50	50	21.6	21.6	21.6			
1.4	QPSK	100	0	21.57	21.58	21.58			
1.4	QPSK	1	0	21.57	21.57	21.57			
1.4	QPSK	1	49	21.51	21.54	21.54			
1.4	QPSK	1	99	21.49	21.49	21.49			
1.4	QPSK	50	0	21.42	21.45	21.45			
1.4	QPSK	50	50	21.36	21.39	21.39			
1.4	QPSK	100	0	21.36	21.36	21.36			
1.4	QPSK	1	0	21.36	21.36	21.36			
1.4	QPSK	1	49	21.3	21.3	21.49			
1.4	QPSK	1	99	21.24	21.27	21.26			
1.4	QPSK	50	0	21.24	21.24	21.24			
1.4	QPSK	50	50	21.18	21.19	21.19			
1.4	QPSK	100	0	21.18	21.18	21.18			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.03	22.03	22.03			
1.4	QPSK	1	49	21.92	21.92	21.92			
1.4	QPSK	1	99	21.86	21.87	21.89			



Band 7_Ant 2													
Site (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 (Freq.)	Power Lvl Ch. 2 (Freq.)	Power Lvl Ch. 3 (Freq.)	Turn-up time (min)	MFR (dB)					
Channel				2050	2100	2150							
Frequency (MHz)				2050	2100	2150							
20	QPSK	1	0	21.09	21.78	21.56	22.5	0					
20	QPSK	1	48	21.01	21.02	21.07							
20	QPSK	1	96	21.07	21.03	21.03							
20	QPSK	55	5	21.6	21.73	21.51	22.5	0					
20	QPSK	55	24	21.06	21.03	21.04							
20	QPSK	55	55	21.54	21.08	21.05							
20	QPSK	100	0	21.35	21.08	21.54	22.5	0					
20	WCDMA	1	0	21.01	21.08	21.05							
20	WCDMA	1	48	21.6	21.04	21.05							
20	WCDMA	1	96	21.36	21.07	21.52	22.5	0					
20	WCDMA	50	5	21.06	21.04	21.02							
20	WCDMA	50	24	21.07	21.07	21.56							
20	WCDMA	50	50	21.56	21.05	21.07	22.5	0					
20	WCDMA	100	5	21.06	21.05	21.05							
20	WCDMA	100	50	21.54	21.07	21.54							
Channel				2050	2100	2150							
Frequency (MHz)				2050	2100	2150							
15	QPSK	1	0	21.01	21.75	21.52	22.5	0					
15	QPSK	1	36	21.07	21.53	21.05							
15	QPSK	1	74	21.5	21.5	21.48							
15	QPSK	36	0	21.47	21.44	21.47	22.5	0					
15	QPSK	36	36	21.52	21.07	21.47							
15	QPSK	36	36	21.42	21.6	21.52							
15	QPSK	75	0	21.45	21.05	21.51	22.5	0					
15	WCDMA	1	0	21.01	21.06	21.45							
15	WCDMA	1	36	21.04	21.06	21.45							
15	WCDMA	36	0	21.54	21.05	21.47	22.5	0					
15	WCDMA	36	20	21.44	21.01	21.49							
15	WCDMA	36	36	21.5	21.03	21.48							
15	WCDMA	75	0	21.57	21.01	21.5	22.5	0					
15	WCDMA	1	0	21.56	21.02	21.53							
15	WCDMA	1	36	21.57	21.05	21.48							
15	WCDMA	1	74	21.49	21.53	21.53	22.5	0					
15	WCDMA	36	0	21.47	21.07	21.48							
15	WCDMA	36	20	21.44	21.07	21.45							
15	WCDMA	36	36	21.01	21.01	21.45	22.5	0					
15	WCDMA	75	0	21.44	21.53	21.45							
Channel				2050	2100	2150							
Frequency (MHz)				2050	2100	2150							
10	QPSK	1	0	21.01	21.75	21.48	22.5	0					
10	QPSK	1	25	21.01	21.5	21.52							
10	QPSK	1	48	21.49	21.54	21.36							
10	QPSK	25	0	21.56	21.06	21.47	22.5	0					
10	QPSK	25	12	21.05	21.06	21.45							
10	QPSK	25	25	21.09	21.03	21.52							
10	QPSK	50	0	21.42	21.04	21.48	22.5	0					
10	WCDMA	1	0	21.5	21.07	21.5							
10	WCDMA	1	25	21.47	21.52	21.5							
10	WCDMA	1	48	21.44	21.04	21.47	22.5	0					
10	WCDMA	25	0	21.52	21.06	21.4							
10	WCDMA	25	12	21.52	21.03	21.48							
10	WCDMA	25	25	21.45	21.04	21.45	22.5	0					
10	WCDMA	50	0	21.45	21.04	21.45							
10	WCDMA	50	0	21.47	21.05	21.45							
10	WCDMA	1	48	21.59	21.53	21.51	22.5	0					
10	WCDMA	25	0	21.05	21.01	21.45							
10	WCDMA	25	12	21.5	21.03	21.48							
10	WCDMA	25	25	21.52	21.02	21.48	22.5	0					
10	WCDMA	50	0	21.44	21.07	21.4							
Channel				2077.5	21100	21425							
Frequency (MHz)				2077.5	21100	21425							
5	QPSK	1	0	21.15	21.75	21.46	22.5	0					
5	QPSK	1	12	21.54	21.06	21.46							
5	QPSK	1	24	21.53	21.59	21.59							
5	QPSK	12	0	21.06	21.03	21.45	22.5	0					
5	QPSK	12	7	21.55	21.01	21.52							
5	QPSK	12	15	21.48	21.56	21.52							
5	QPSK	25	0	21.42	21.05	21.48	22.5	0					
5	WCDMA	1	0	21.01	21.02	21.48							
5	WCDMA	1	12	21.5	21.02	21.48							
5	WCDMA	1	24	21.5	21.05	21.47	22.5	0					
5	WCDMA	12	0	21.46	21.55	21.5							
5	WCDMA	12	7	21.46	21.55	21.47							
5	WCDMA	12	15	21.46	21.55	21.45	22.5	0					
5	WCDMA	25	0	21.56	21.03	21.52							
5	WCDMA	25	0	21.46	21.54	21.4							
5	WCDMA	12	7	21.47	21.5	21.48	22.5	0					
5	WCDMA	12	15	21.47	21.5	21.48							
5	WCDMA	25	0	21.46	21.54	21.45							

Band 7_Ant 3											
Site (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 (Freq.)	Power Lvl Ch. 2 (Freq.)	Power Lvl Ch. 3 (Freq.)	Turn-up time (min)	MFR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.21	20.27	20.21	21.2	0			
20	QPSK	1	48	20.05	20.17	20.07					
20	QPSK	1	96	20.05	20.13	20.05					
20	QPSK	55	0	19.87	19.88	19.89	21.2	0			
20	QPSK	55	24	19.77	19.84	19.85					
20	QPSK	55	50	19.77	19.83	19.89					
20	QPSK	100	0	20.00	19.85	19.85	21.2	0			
20	WCDMA	1	0	20.22	20.25	20.25					
20	WCDMA	1	48	20.06	20.12	19.98					
20	WCDMA	1	96	19.99	20.15	20.07	21.2	0			
20	WCDMA	50	5	19.82	19.87	19.86					
20	WCDMA	50	24	19.87	19.87	19.91					
20	WCDMA	50	50	19.76	19.86	19.74	21.2	0			
20	WCDMA	100	5	19.83	19.85	19.85					
20	WCDMA	100	50	19.87	19.87	19.91					
Channel											
Frequency (MHz)											
15	QPSK	1	0	20.19	20.22	20.13	21.2	0			
15	QPSK	1	37	19.94	20.05	19.93					
15	QPSK	1	74	19.74	19.84	19.77					
15	QPSK	36	0	19.82	19.86	19.86	21.2	0			
15	QPSK	36	20	19.73	19.83	19.81					
15	QPSK	36	40	19.62	19.81	19.77					
15	QPSK	72	0	19.87	19.87	19.83	21.2	0			
15	WCDMA	1	0	20.19	20.17	20.17					
15	WCDMA	1	37	20.02	20.01	19.97					
15	WCDMA	1	74	19.95	20.03	19.98	21.2	0			
15	WCDMA	36	20	19.81	19.87	19.84					
15	WCDMA	36	40	19.73	19.80	19.77					
15	WCDMA	72	0	19.87	19.87	19.83	21.2	0			
15	WCDMA	1	0	20.14	20.12	20.08					
15	WCDMA	1	37	20.03	20.19	20.13					
15	WCDMA	36	20	19.77	19.87	19.82	21.2	0			
15	WCDMA	36	40	19.77	19.83	19.88					
15	WCDMA	72	0	19.85	19.82	19.87					
15	WCDMA	72	0	19.84	19.86	19.86	21.2	0			
Channel											
Frequency (MHz)											
10	QPSK	1	0	20.13	20.22	20.17	21.2	0			
10	QPSK	1	25	19.94	20.09	19.94					
10	QPSK	1	50	19.74	19.89	19.74					
10	QPSK	24	0	19.79	19.86	19.82	21.2	0			
10	QPSK	24	12	19.74	19.88	19.78					
10	QPSK	24	24	19.69	19.84	19.81					
10	QPSK	52	0	19.87	20.03	19.85	21.2	0			
10	WCDMA	1	0	20.15	20.20	20.18					
10	WCDMA	1	24	19.96	20.05	19.98					
10	WCDMA	1	48	19.87	20.02	19.95	21.2	0			
10	WCDMA	24	9	19.80	19.87	19.80					
10	WCDMA	24	18	19.74	19.84	19.80					
10	WCDMA	24	24	19.84	19.85	19.80	21.2	0			
10	WCDMA	50	9	19.73	19.83	19.80					
10	WCDMA	50	18	19.69	19.81	19.80					
10	WCDMA	1	24	20.07	20.23	20.17	21.2	0			
10	WCDMA	1	48	20.00	20.09	20.07					
10	WCDMA	1	72	19.79	20.02	19.87					
10	WCDMA	24	12	19.82	19.88	19.80	21.2	0			
10	WCDMA	24	24	19.73	19.84	19.80					
10	WCDMA	50	9	19.83	19.83	19.81					
Channel											
Frequency (MHz)											
5	QPSK	1	0	20.19	20.26	20.16	21.2	0			
5	QPSK	1	12	19.99	20.14	20.02					
5	QPSK	1	24	19.81	20.08	19.90					
5	QPSK	1	36	19.77	20.01	19.88	21.2	0			
5	QPSK	14	7	19.05	19.07	19.23					
5	QPSK	14	14	19.05	19.07	19.23					
5	QPSK	24	0	19.80	20.01	19.86	21.2	0			
5	WCDMA	1	0	20.19	20.21	20.17					
5	WCDMA	1	24	19.87	20.09	20.04					
5	WCDMA	12	0	19.85	20.00	19.85	21.2	0			
5	WCDMA	12	6	19.78	19.84	19.80					
5	WCDMA	12	12	19.73	19.78	19.80					
5	WCDMA	24	0	19.77	19.82	19.74	21.2	0			
5	WCDMA	24	12	19.65	19.81	19.80					
5	WCDMA	12	7	19.83	19.81	19.81					
5	WCDMA	12	13	19.74	19.84	19.73	21.2	0			
5	WCDMA	24	0	19.77	19.82	19.74					
5	WCDMA	24	12	19.65	19.81	19.80					



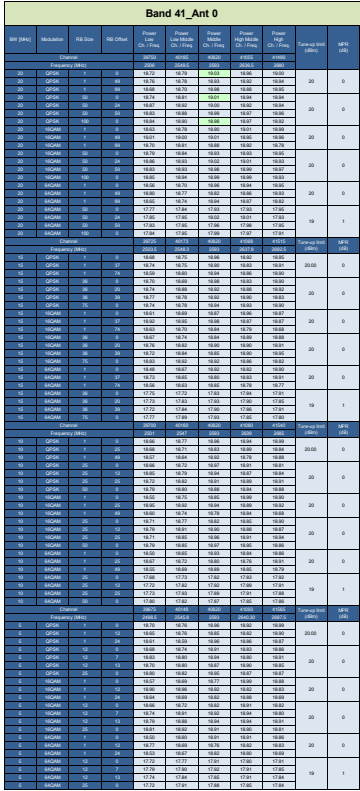
Band 12_Ant 0										
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MPH (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.68	24.68	24.67				
10	QPSK	1	20	24.52	24.68	24.68		25.5	0	
10	QPSK	1	40	24.52	24.68	24.68				
10	QPSK	25	0	23.84	23.87	23.84				
10	QPSK	25	10	23.80	23.80	23.80		24.5	1	
10	QPSK	25	20	23.80	23.80	23.80				
10	QPSK	50	0	22.94	22.92	22.91				
10	QPSK	1	0	24.60	24.60	24.60				
10	QPSK	1	20	24.12	24.10	24.10		24.5	1	
10	QPSK	1	40	24.20	24.20	24.47				
10	QPSK	25	0	23.80	23.80	23.80				
10	QPSK	25	10	23.80	23.80	23.80		23.5	2	
10	QPSK	25	20	23.80	23.80	23.80				
10	QPSK	50	0	22.94	22.92	22.90				
10	QPSK	1	0	22.94	22.92	22.90		23.5	2	
10	QPSK	1	40	23.00	23.00	23.00				
10	QPSK	25	0	21.72	21.87	21.80				
10	QPSK	25	10	21.60	21.60	21.60		22.5	3	
10	QPSK	25	20	21.60	21.87	22.00				
10	QPSK	50	0	21.92	21.87	22.00				
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.50	24.70	24.64		Turn-up time (min)	MPH (dB)	
5	QPSK	1	10	24.70	24.70	24.70		23.5	0	
5	QPSK	1	24	24.70	24.60	24.70				
5	QPSK	12	0	23.70	23.80	23.71				
5	QPSK	12	7	23.80	23.80	23.80		24.5	1	
5	QPSK	12	13	23.84	23.80	23.70				
5	QPSK	25	0	22.90	22.90	22.90				
5	QPSK	1	10	24.00	24.00	24.00		24.5	1	
5	QPSK	1	24	24.00	23.80	24.00				
5	QPSK	12	0	23.70	23.80	23.71				
5	QPSK	12	7	23.80	23.80	23.80		23.5	2	
5	QPSK	12	13	23.84	23.80	23.70				
5	QPSK	25	0	22.94	22.92	22.90				
5	QPSK	1	0	22.90	22.90	22.90		23.5	2	
5	QPSK	1	10	22.90	22.90	22.90				
5	QPSK	1	24	22.90	22.90	22.90				
5	QPSK	12	0	21.60	21.87	21.80				
5	QPSK	12	7	21.60	21.80	21.70		22.5	3	
5	QPSK	12	13	21.60	21.80	21.80				
5	QPSK	25	0	21.60	21.80	21.80				
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.50	24.70	24.60		Turn-up time (min)	MPH (dB)	
5	QPSK	1	10	24.70	24.70	24.70		23.5	0	
5	QPSK	1	14	24.74	24.60	24.70				
5	QPSK	8	0	23.80	23.80	23.70				
5	QPSK	8	4	23.80	23.84	23.80		24.5	1	
5	QPSK	8	7	23.80	23.87	23.80				
5	QPSK	16	0	23.70	23.80	23.80				
5	QPSK	1	0	24.50	23.90	24.70				
5	QPSK	1	8	24.00	24.04	24.00		24.5	1	
5	QPSK	8	0	22.84	22.80	22.80				
5	QPSK	8	4	22.84	22.87	22.80		23.5	2	
5	QPSK	8	7	22.87	22.87	22.80				
5	QPSK	16	0	22.80	22.80	22.80		23.5	2	
5	QPSK	1	0	22.80	22.80	22.80				
5	QPSK	1	8	22.80	22.80	22.80				
5	QPSK	8	0	21.60	21.60	21.60				
5	QPSK	8	4	21.60	21.87	21.71		22.5	3	
5	QPSK	8	7	22.00	21.80	21.80				
5	QPSK	16	0	21.70	21.60	21.60				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.57	24.70	24.60		Turn-up time (min)	MPH (dB)	
1.4	QPSK	1	3	24.70	24.71	24.70		23.5	0	
1.4	QPSK	1	5	24.70	24.71	24.60				
1.4	QPSK	3	0	24.41	24.54	24.41				
1.4	QPSK	3	1	24.60	24.57	24.71		24.5	1	
1.4	QPSK	3	5	24.50	24.60	24.60				
1.4	QPSK	6	0	23.72	23.80	23.80		24.5	1	
1.4	QPSK	1	0	24.21	23.80	24.00				
1.4	QPSK	1	5	24.20	24.41	24.40		24.5	1	
1.4	QPSK	3	0	24.10	23.80	23.90				
1.4	QPSK	3	1	24.14	24.30	24.50				
1.4	QPSK	6	0	22.80	22.87	22.80		23.5	2	
1.4	QPSK	1	0	22.80	22.80	22.80				
1.4	QPSK	1	3	22.80	22.87	22.80		23.5	2	
1.4	QPSK	3	0	22.80	22.80	22.80				
1.4	QPSK	3	1	22.76	22.87	22.80				
1.4	QPSK	3	5	22.70	22.87	22.70				
1.4	QPSK	6	0	21.70	21.80	21.80		22.5	3	

Band 12_Ant 1										
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MPH (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.47	23.52	23.37				
10	QPSK	1	20	23.43	23.30	23.30			25	0
10	QPSK	1	40	23.43	23.30	23.37				
10	QPSK	25	0	22.63	22.70	22.74				
10	QPSK	25	10	22.63	22.60	22.60			24.5	0.5
10	QPSK	25	20	22.61	22.60	22.70				
10	QPSK	50	0	22.00	22.00	22.72				
10	QPSK	1	0	22.71	22.80	22.80				
10	QPSK	1	20	22.61	22.80	22.87			24.5	0.5
10	QPSK	1	40	22.70	22.80	22.80				
10	QPSK	25	10	22.00	22.00	22.00			23.5	1.5
10	QPSK	25	20	22.00	22.00	22.00				
10	QPSK	50	0	22.00	22.00	22.77				
10	QPSK	1	0	22.71	22.70	22.87			23.5	1.5
10	QPSK	1	40	22.74	22.70	22.87				
10	QPSK	25	0	20.80	20.87	20.80				
10	QPSK	25	10	21.00	21.00	21.07			22.5	2.5
10	QPSK	25	20	21.00	21.00	21.04				
10	QPSK	50	0	21.00	20.90	21.07				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.37	23.30	23.20			Turn-up time (min)	MPH (dB)
5	QPSK	1	12	23.30	23.40	23.31			25	0
5	QPSK	1	24	23.37	23.30	23.20				
5	QPSK	12	0	22.72	22.80	22.60				
5	QPSK	12	7	22.77	22.87	22.80			24.5	0.5
5	QPSK	12	13	22.81	22.87	22.60				
5	QPSK	25	0	22.04	22.07	22.07				
5	QPSK	1	10	22.80	22.80	22.80			24.5	0.5
5	QPSK	1	24	22.80	22.80	22.80				
5	QPSK	12	0	22.00	22.74	22.50				
5	QPSK	12	7	22.00	22.80	22.80			24.5	0.5
5	QPSK	12	13	21.80	21.80	21.70				
5	QPSK	12	7	22.02	21.80	21.72			23.5	1.5
5	QPSK	12	13	22.00	21.80	21.70				
5	QPSK	25	0	21.00	21.70	21.00			23.5	1.5
5	QPSK	1	0	21.07	21.34	21.00				
5	QPSK	1	10	21.00	21.10	21.00				
5	QPSK	1	24	22.00	22.11	22.41				
5	QPSK	12	0	20.80	20.80	20.80				
5	QPSK	12	7	20.80	20.80	20.80			22.5	2.5
5	QPSK	12	13	20.80	20.87	20.80				
5	QPSK	25	0	20.80	20.80	20.80				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.40	23.40	23.20			Turn-up time (min)	MPH (dB)
3	QPSK	1	5	23.50	23.40	23.20			25	0
3	QPSK	1	14	23.51	23.30	23.20				
3	QPSK	6	0	22.70	22.80	22.60				
3	QPSK	6	4	22.68	22.82	22.80			24.5	0.5
3	QPSK	6	7	22.60	22.81	22.80				
3	QPSK	10	0	22.60	22.80	22.80				
3	QPSK	1	0	22.72	22.70	22.50			24.5	0.5
3	QPSK	1	9	22.70	22.70	22.51				
3	QPSK	1	14	22.71	22.71	22.57				
3	QPSK	6	0	21.00	21.00	21.00			24.5	0.5
3	QPSK	6	4	20.91	20.80	20.80			22.5	2.5
3	QPSK	6	7	20.90	20.80	20.80				
3	QPSK	10	0	20.80	20.80	20.80				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.36	23.31	23.20			Turn-up time (min)	MPH (dB)
1.4	QPSK	1	3	23.35	23.46	23.20			25	0
1.4	QPSK	1	9	23.35	23.30	23.20				
1.4	QPSK	3	0	23.31	23.30	23.10			25	0
1.4	QPSK	3	1	23.20	23.32	23.10				
1.4	QPSK	3	10	23.20	23.30	23.10				
1.4	QPSK	6	0	22.76	22.80	22.60			24.5	0.5
1.4	QPSK	6	1	22.71	22.89	22.80				
1.4	QPSK	6	4	22.60	22.80	22.80				
1.4	QPSK	1	0	22.68	22.80	22.61			24.5	0.5
1.4	QPSK	3	0	22.58	22.84	22.50			24.5	0.5
1.4	QPSK	3	1	22.50	22.80	22.50				
1.4	QPSK	3	10	22.50	22.70	22.50				
1.4	QPSK	6	0	21.54	21.71	21.50			23.5	1.5
1.4	QPSK	6	1	21.50	21.70	21.50				
1.4	QPSK	1	3	20.21	20.38	20.10			23.5	1.5
1.4	QPSK	1	5	20.20	20.30	20.20			23.5	1.5
1.4	QPSK	1	9	21.78	21.43	21.50				
1.4	QPSK	3	1	20.09	20.05	20.01				
1.4	QPSK	3	5	21.07	20.90	20.77			25	2.5



Band 17_Ant 0									
RF (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. / Freq.	Power Level Ch. / Freq.	Power Level Ch. / Freq.	Tuning Step (MHz)	MTR (dB)	
Channel				23780	23796	23800			
Frequency (MHz)				760	760	711.5			
10	QPSK	1	0	24.95	24.97	24.82	20.5	0	
10	QPSK	1	25	24.77	24.88	24.85			
10	QPSK	1	49	24.62	24.80	24.81			
10	QPSK	25	0	23.87	23.98	23.82			
10	QPSK	25	12	23.71	23.87	23.86			
10	QPSK	25	25	23.55	23.87	23.83	24.5	1	
10	QPSK	50	0	23.31	24.05	24.03			
10	WQAM	1	0	24.04	24.20	24.13			
10	WQAM	1	25	24.28	24.87	24.11			
10	WQAM	1	49	24.27	24.30	24.50			
10	WQAM	25	0	23.00	22.30	23.40	23.5	2	
10	WQAM	25	12	22.97	22.10	22.86			
10	WQAM	25	25	22.91	22.08	22.68			
10	WQAM	50	0	22.54	22.01	22.02			
10	WQAM	50	12	22.47	22.10	22.11			
10	WQAM	1	25	23.24	22.14	22.64	23.5	2	
10	WQAM	1	49	23.23	22.80	23.28			
10	WQAM	25	0	22.00	21.09	21.91			
10	WQAM	25	12	22.03	21.08	22.02			
10	WQAM	25	25	21.83	21.82	21.91			
10	WQAM	50	0	20.01	20.02	20.00	22.5	3	
Frequency (MHz)				706.5	710	712.5			
5	QPSK	1	0	24.82	24.91	24.71	23.5	0	
5	QPSK	1	12	24.65	24.74	24.71			
5	QPSK	1	24	24.57	24.80	24.84			
5	QPSK	12	0	23.78	23.80	23.82			
5	QPSK	12	7	23.62	23.81	23.80			
5	QPSK	12	13	23.78	23.76	23.81	24.5	1	
5	QPSK	25	0	23.74	23.80	23.82			
5	WQAM	1	0	23.81	24.00	24.06			
5	WQAM	1	12	24.15	24.05	24.01			
5	WQAM	1	24	24.21	24.31	24.40			
5	WQAM	12	0	23.03	22.78	22.98	24.5	1	
5	WQAM	12	7	22.85	22.98	22.77			
5	WQAM	12	13	22.95	22.83	22.82			
5	WQAM	25	0	22.63	22.80	22.80			
5	WQAM	1	0	23.43	23.02	22.63			
5	WQAM	1	12	23.76	23.00	22.76	23.5	2	
5	WQAM	1	24	23.13	22.47	23.14			
5	WQAM	12	0	21.86	21.52	21.62			
5	WQAM	12	7	21.82	22.02	21.87			
5	WQAM	12	13	21.88	21.77	21.76			
5	WQAM	25	0	21.67	21.67	21.69	22.5	3	

Band 17_Ant 1									
RF (MHz)	Modulation	RB Size	RB Offset	Power Level Ch./ Freq.	Power Level Ch./ Freq.	Power Level Ch./ Freq.	Tune-up step (MHz)	MTR (dB)	
Channel				23780	23796	23800			
Frequency (MHz)				760	710	711.5			
10	QPSK	1	0	23.58	23.74	23.42	20		
10	QPSK	1	25	23.73	23.61	23.52			
10	QPSK	1	49	23.85	23.61	23.71			
10	QPSK	25	0	23.14	23.07	23.14			
10	QPSK	25	12	23.00	23.10	23.07			
10	QPSK	25	25	23.23	23.30	23.13	24.5	0.5	
10	QPSK	50	0	23.29	23.30	23.21			
10	WQAM	1	0	23.82	23.61	23.28			
10	WQAM	1	25	23.30	23.34	23.46			
10	WQAM	1	49	23.61	23.35	23.49			
10	WQAM	25	0	22.22	22.10	22.16	23.5	1.5	
10	WQAM	25	12	22.46	22.28	22.49			
10	WQAM	25	25	22.40	22.43	22.16			
10	WQAM	50	0	22.21	22.25	22.27			
10	WQAM	50	12	22.51	22.40	22.03			
10	WQAM	1	25	23.30	23.10	23.21	23.5	1.8	
10	WQAM	1	49	22.50	22.24	22.45			
10	WQAM	25	0	21.20	21.18	21.16			
10	WQAM	25	12	21.20	21.24	21.13			
10	WQAM	25	25	21.16	21.25	21.04			
10	WQAM	50	0	21.07	21.08	21.02	22.5	2.5	
Channel				706.5	710	711.5			
Frequency (MHz)				706.5	710	711.5			
5	QPSK	1	0	23.51	23.60	23.39	20		
5	QPSK	1	12	23.60	23.44	23.44			
5	QPSK	1	24	23.85	23.61	23.69			
5	QPSK	12	0	23.11	23.17	23.04			
5	QPSK	12	7	23.10	23.10	23.00			
5	QPSK	12	13	23.15	23.13	23.09	24.5	0.5	
5	QPSK	25	0	23.17	23.00	23.10			
5	WQAM	1	0	23.83	23.60	23.26			
5	WQAM	1	12	23.24	23.10	23.21			
5	WQAM	1	24	23.50	23.20	23.49			
5	WQAM	12	0	22.30	22.00	22.13	24.5	0.5	
5	WQAM	12	7	22.33	22.22	21.94			
5	WQAM	12	13	22.18	22.14	22.07			
5	WQAM	25	0	22.48	22.27	22.42			
5	WQAM	1	0	23.23	22.49	22.44			
5	WQAM	1	24	22.44	22.13	22.42	23.5	1.5	
5	WQAM	12	0	21.08	21.18	21.05			
5	WQAM	12	7	21.21	21.15	21.07			
5	WQAM	12	13	21.08	21.12	21.14			
5	WQAM	25	0	21.20	21.18	21.20			

[illegible][illegible][illegible]

[illegible][illegible]

Band 42_Ant 6									
Ref	Measurement	File Size	File Offset	File Size (A)	File Size (B)	File Size (C)	File Size (D)	Transfer Size (MB)	MB/s
C:\Program Files\Google\Chrome\Application\chrome.exe									
00	chrome.exe	66	0	1536	1536	1536	1536	200	0
01	chrome.exe	66	0	1536	1536	1536	1536	200	0
02	chrome.exe	66	0	1536	1536	1536	1536	200	0
03	chrome.exe	66	0	1536	1536	1536	1536	200	0
04	chrome.exe	66	0	1536	1536	1536	1536	200	0
05	chrome.exe	66	0	1536	1536	1536	1536	200	0
06	chrome.exe	66	0	1536	1536	1536	1536	200	0
07	chrome.exe	66	0	1536	1536	1536	1536	200	0
08	chrome.exe	66	0	1536	1536	1536	1536	200	0
09	chrome.exe	66	0	1536	1536	1536	1536	200	0
10	chrome.exe	66	0	1536	1536	1536	1536	200	0
11	chrome.exe	66	0	1536	1536	1536	1536	200	0
12	chrome.exe	66	0	1536	1536	1536	1536	200	0
13	chrome.exe	66	0	1536	1536	1536	1536	200	0
14	chrome.exe	66	0	1536	1536	1536	1536	200	0
15	chrome.exe	66	0	1536	1536	1536	1536	200	0
16	chrome.exe	66	0	1536	1536	1536	1536	200	0
17	chrome.exe	66	0	1536	1536	1536	1536	200	0
18	chrome.exe	66	0	1536	1536	1536	1536	200	0
19	chrome.exe	66	0	1536	1536	1536	1536	200	0
20	chrome.exe	66	0	1536	1536	1536	1536	200	0
21	chrome.exe	66	0	1536	1536	1536	1536	200	0
22	chrome.exe	66	0	1536	1536	1536	1536	200	0
23	chrome.exe	66	0	1536	1536	1536	1536	200	0
24	chrome.exe	66	0	1536	1536	1536	1536	200	0
25	chrome.exe	66	0	1536	1536	1536	1536	200	0
26	chrome.exe	66	0	1536	1536	1536	1536	200	0
27	chrome.exe	66	0	1536	1536	1536	1536	200	0
28	chrome.exe	66	0	1536	1536	1536	1536	200	0
29	chrome.exe	66	0	1536	1536	1536	1536	200	0
30	chrome.exe	66	0	1536	1536	1536	1536	200	0
31	chrome.exe	66	0	1536	1536	1536	1536	200	0
32	chrome.exe	66	0	1536	1536	1536	1536	200	0
33	chrome.exe	66	0	1536	1536	1536	1536	200	0
34	chrome.exe	66	0	1536	1536	1536	1536	200	0
35	chrome.exe	66	0	1536	1536	1536	1536	200	0
36	chrome.exe	66	0	1536	1536	1536	1536	200	0
37	chrome.exe	66	0	1536	1536	1536	1536	200	0
38	chrome.exe	66	0	1536	1536	1536	1536	200	0
39	chrome.exe	66	0	1536	1536	1536	1536	200	0
40	chrome.exe	66	0	1536	1536	1536	1536	200	0
41	chrome.exe	66	0	1536	1536	1536	1536	200	0
42	chrome.exe	66	0	1536	1536	1536	1536	200	0
43	chrome.exe	66	0	1536	1536	1536	1536	200	0
44	chrome.exe	66	0	1536	1536	1536	1536	200	0
45	chrome.exe	66	0	1536	1536	1536	1536	200	0
46	chrome.exe	66	0	1536	1536	1536	1536	200	0

Band 42_Ant 7									
SR [Hz]	Modulation	SR Size	SR Offset	Power [mW]	Power [mW]	Power [mW]	Power [mW]	Transmit time [ms]	SRPS [dB]
Frequency A (MHz)								Transmit time [ms]	SRPS [dB]
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000	21.5	0
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	2000	2000	2000	2000		
SR	QPSK	1	0	20					

Full Power Mode for Main PA(ENDC)

Band 41_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.82	20.78	21.01	20.96	20.98	22	0	
20	QPSK	1	49	20.87	20.82	20.91	20.92	20.88			
20	QPSK	1	99	20.73	20.81	20.98	20.96	20.84			
20	QPSK	50	0	19.83	19.88	19.98	19.92	19.93			
20	QPSK	50	24	19.93	19.96	19.97	19.97	19.93	21	1	
20	QPSK	50	50	19.85	19.94	19.96	19.96	19.94			
20	QPSK	100	0	19.88	19.93	19.96	19.92	19.90			
20	16QAM	1	0	19.76	19.74	20.00	19.99	19.96			
20	16QAM	1	49	20.06	20.03	20.25	19.93	20.05	21	1	
20	16QAM	1	99	19.86	19.80	20.07	19.92	19.87			
20	16QAM	50	0	18.85	18.86	18.93	18.91	18.94			
20	16QAM	50	24	18.93	18.97	19.04	18.99	18.92			
20	16QAM	50	50	18.91	18.94	19.00	18.98	18.95	20	2	
20	16QAM	100	0	18.93	18.95	19.00	18.99	18.92			
20	64QAM	1	0	18.70	18.76	18.85	18.89	18.92			
20	64QAM	1	49	18.85	18.86	19.01	18.86	18.88			
20	64QAM	1	99	18.68	18.67	18.93	18.93	18.84	20	2	
20	64QAM	50	0	17.85	17.87	17.94	17.93	17.95			
20	64QAM	50	24	17.94	17.95	18.01	18.02	17.92			
20	64QAM	50	50	17.89	17.95	18.00	17.97	17.97			
20	64QAM	100	0	17.92	17.95	17.99	17.96	17.93	19	3	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	20.76	20.72	20.95	20.93	20.91			22.00
15	QPSK	1	37	20.75	20.71	20.78	20.82	20.82			
15	QPSK	1	74	20.64	20.76	20.95	20.91	20.81			
15	QPSK	36	0	19.73	19.76	19.87	19.81	19.81			
15	QPSK	36	20	19.88	19.85	19.90	19.87	19.84	21	1	
15	QPSK	36	39	19.76	19.82	19.93	19.94	19.84			
15	QPSK	75	0	19.86	19.87	19.94	19.96	19.86			
15	16QAM	1	0	19.69	19.71	19.88	19.93	19.92			
15	16QAM	1	37	20.03	20.01	20.19	19.91	19.93	21	1	
15	16QAM	1	74	19.73	19.74	20.05	19.80	19.79			
15	16QAM	36	0	18.74	18.74	18.86	18.83	18.90			
15	16QAM	36	20	18.82	18.93	18.93	18.95	18.82			
15	16QAM	36	39	18.81	18.85	18.90	18.94	18.93	20	2	
15	16QAM	75	0	18.89	18.88	18.89	18.88	18.88			
15	64QAM	1	0	18.59	18.68	18.77	18.87	18.90			
15	64QAM	1	37	18.63	18.79	18.99	18.93	18.78			
15	64QAM	1	74	18.65	18.57	18.84	18.81	18.81	20	2	
15	64QAM	36	0	17.76	17.76	17.88	17.80	17.89			
15	64QAM	36	20	17.83	17.82	17.90	17.92	17.84			
15	64QAM	36	39	17.83	17.86	17.87	17.91	17.90			
15	64QAM	75	0	17.83	17.89	17.93	17.93	17.89	19	3	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	20.76	20.76	21.00	20.93	20.95			22.00
10	QPSK	1	25	20.81	20.76	20.88	20.84	20.79			
10	QPSK	1	49	20.66	20.76	20.95	20.91	20.79			
10	QPSK	25	0	19.72	19.75	19.90	19.88	19.91			
10	QPSK	25	12	19.86	19.88	19.95	19.95	19.84	21	1	
10	QPSK	25	25	19.72	19.82	19.89	19.84	19.86			
10	QPSK	50	0	19.75	19.84	19.87	19.92	19.87			
10	16QAM	1	0	19.66	19.61	19.93	19.89	19.86			
10	16QAM	1	25	19.98	19.94	20.12	19.85	19.94	21	1	
10	16QAM	1	49	19.82	19.78	19.96	19.79	19.79			
10	16QAM	25	0	18.76	18.77	18.91	18.84	18.87			
10	16QAM	25	12	18.82	18.95	18.95	18.94	18.90			
10	16QAM	25	25	18.80	18.83	18.87	18.91	18.85	20	2	
10	16QAM	50	0	18.84	18.85	18.88	18.86	18.89			
10	64QAM	1	0	18.59	18.65	18.82	18.81	18.81			
10	64QAM	1	25	18.83	18.75	18.94	18.81	18.85			
10	64QAM	1	49	18.59	18.65	18.87	18.86	18.72	20	2	
10	64QAM	25	0	17.80	17.83	17.84	17.80	17.91			
10	64QAM	25	12	17.88	17.88	17.96	17.97	17.87			
10	64QAM	25	25	17.80	17.86	17.97	17.86	17.88			
10	64QAM	50	0	17.90	17.88	17.95	17.89	17.83	19	3	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	20.77	20.72	20.93	20.90	20.92			22.00
5	QPSK	1	12	20.85	20.73	20.84	20.87	20.81			
5	QPSK	1	24	20.71	20.76	20.87	20.92	20.74			
5	QPSK	12	0	19.79	19.85	19.92	19.80	19.84			
5	QPSK	12	7	19.83	19.84	19.95	19.86	19.84	21	1	
5	QPSK	12	13	19.72	19.91	19.93	19.87	19.88			
5	QPSK	25	0	19.85	19.80	19.89	19.91	19.88			
5	16QAM	1	0	19.68	19.70	19.91	19.91	19.86			
5	16QAM	1	12	19.93	19.90	20.16	19.93	20.03	21	1	
5	16QAM	1	24	19.84	19.67	20.02	19.90	19.74			
5	16QAM	12	0	18.81	18.83	18.90	18.79	18.88			
5	16QAM	12	7	18.84	18.93	18.94	18.97	18.85			
5	16QAM	12	13	18.82	18.86	18.89	18.90	18.92	20	2	
5	16QAM	25	0	18.82	18.82	18.90	18.92	18.88			
5	64QAM	1	0	18.68	18.68	18.81	18.80	18.83			
5	64QAM	1	12	18.77	18.75	18.98	18.78	18.81			
5	64QAM	1	24	18.66	18.57	18.80	18.82	18.77	19	3	
5	64QAM	12	0	17.74	17.83	17.87	17.83	17.93			
5	64QAM	12	7	17.88	17.89	17.91	17.90	17.81			
5	64QAM	12	13	17.77	17.83	17.87	17.92	17.87			
5	64QAM	25	0	17.81	17.88	17.89	17.90	17.90			

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40165	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	21.70	21.61	21.78	21.56	21.49	23	0	
20	QPSK	1	49	21.62	21.62	21.63	21.46	21.36			
20	QPSK	1	99	21.58	21.56	21.74	21.48	21.47			
20	QPSK	50	0	20.67	20.62	20.76	20.52	20.40	22	1	
20	QPSK	50	24	20.71	20.73	20.74	20.60	20.39			
20	QPSK	50	50	20.71	20.67	20.73	20.54	20.40			
20	QPSK	100	0	20.71	20.68	20.74	20.57	20.37	22	1	
20	16QAM	1	0	20.67	20.69	20.84	20.58	20.47			
20	16QAM	1	49	20.88	21.02	20.81	20.54	20.50			
20	16QAM	1	99	20.65	20.47	20.68	20.48	20.28	21	2	
20	16QAM	50	0	19.67	19.61	19.69	19.52	19.40			
20	16QAM	50	24	19.75	19.70	19.76	19.61	19.37			
20	16QAM	50	50	19.72	19.69	19.73	19.55	19.43	21	2	
20	16QAM	100	0	19.73	19.70	19.75	19.56	19.38			
20	64QAM	1	0	19.66	19.46	19.70	19.59	19.43			
20	64QAM	1	49	19.63	19.56	19.75	19.47	19.30	21	2	
20	64QAM	1	99	19.53	19.56	19.62	19.58	19.27			
20	64QAM	50	0	18.68	18.61	18.69	18.52	18.40			
20	64QAM	50	24	18.73	18.69	18.74	18.61	18.38	20	3	
20	64QAM	50	50	18.69	18.69	18.71	18.54	18.39			
20	64QAM	100	0	18.77	18.69	18.76	18.62	18.38			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	21.65	21.59	21.72	21.49	21.41	23.00	0	
15	QPSK	1	37	21.52	21.52	21.56	21.34	21.24			
15	QPSK	1	74	21.50	21.44	21.61	21.40	21.39			
15	QPSK	36	0	20.62	20.54	20.56	20.49	20.33	22	1	
15	QPSK	36	20	20.68	20.69	20.70	20.57	20.36			
15	QPSK	36	39	20.64	20.63	20.63	20.42	20.27			
15	QPSK	75	0	20.62	20.60	20.64	20.47	20.24	22	1	
15	16QAM	1	0	20.60	20.67	20.80	20.56	20.36			
15	16QAM	1	37	20.79	20.99	20.76	20.51	20.40			
15	16QAM	1	74	20.62	20.36	20.57	20.44	20.16	21	2	
15	16QAM	36	0	19.54	19.48	19.63	19.44	19.37			
15	16QAM	36	20	19.70	19.57	19.73	19.52	19.30			
15	16QAM	36	39	19.59	19.58	19.69	19.53	19.41	21	2	
15	16QAM	75	0	19.70	19.60	19.73	19.47	19.36			
15	64QAM	1	0	19.58	19.39	19.58	19.53	19.34			
15	64QAM	1	37	19.67	19.67	19.67	19.53	19.27	21	2	
15	64QAM	1	74	19.45	19.42	19.55	19.43	19.14			
15	64QAM	36	0	18.66	18.57	18.58	18.41	18.29			
15	64QAM	36	20	18.61	18.59	18.69	18.55	18.27	20	3	
15	64QAM	36	39	18.59	18.63	18.63	18.50	18.32			
15	64QAM	75	0	18.75	18.58	18.64	18.52	18.25			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	21.66	21.55	21.72	21.50	21.46	23.00	0	
10	QPSK	1	25	21.53	21.57	21.50	21.42	21.27			
10	QPSK	1	49	21.49	21.48	21.69	21.46	21.35			
10	QPSK	25	0	20.59	20.49	20.57	20.44	20.33	22	1	
10	QPSK	25	12	20.63	20.63	20.67	20.49	20.30			
10	QPSK	25	25	20.61	20.57	20.69	20.49	20.27			
10	QPSK	50	0	20.66	20.56	20.61	20.54	20.29	22	1	
10	16QAM	1	0	20.64	20.57	20.76	20.46	20.39			
10	16QAM	1	25	20.80	20.90	20.76	20.47	20.48			
10	16QAM	1	49	20.58	20.40	20.60	20.37	20.16	21	2	
10	16QAM	25	0	19.61	19.57	19.59	19.40	19.38			
10	16QAM	25	12	18.73	19.60	19.74	19.59	19.31			
10	16QAM	25	25	19.64	19.63	19.67	19.53	19.35	21	2	
10	16QAM	50	0	19.61	19.60	19.65	19.47	19.26			
10	64QAM	1	0	19.54	19.44	19.65	19.47	19.34			
10	64QAM	1	25	19.58	19.46	19.62	19.43	19.28	21	2	
10	64QAM	1	49	19.42	19.51	19.55	19.43	19.14			
10	64QAM	25	0	18.66	18.59	18.60	18.50	18.30			
10	64QAM	25	12	18.64	18.56	18.61	18.57	18.30	20	3	
10	64QAM	25	25	18.61	18.60	18.69	18.43	18.37			
10	64QAM	50	0	18.67	18.65	18.66	18.56	18.30			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5			
5	QPSK	1	0	21.63	21.58	21.77	21.55	21.44	23.00	0	
5	QPSK	1	12	21.53	21.50	21.56	21.40	21.25			
5	QPSK	1	24	21.45	21.43	21.69	21.40	21.35			
5	QPSK	12	0	20.56	20.53	20.65	20.45	20.32	22	1	
5	QPSK	12	7	20.60	20.59	20.67	20.51	20.31			
5	QPSK	12	13	20.60	20.58	20.66	20.46	20.31			
5	QPSK	25	0	20.64	20.58	20.65	20.48	20.34	22	1	
5	16QAM	1	0	20.65	20.64	20.81	20.53	20.43			
5	16QAM	1	12	20.79	20.92	20.76	20.51	20.40			
5	16QAM	1	24	20.53	20.42	20.57	20.43	20.21	21	2	
5	16QAM	12	0	19.56	19.48	19.56	19.43	19.37			
5	16QAM	12	7	19.63	19.59	19.68	19.56	19.28			
5	16QAM	12	13	19.70	19.63	19.67	19.48	19.41	21	2	
5	16QAM	25	0	19.70	19.66	19.68	19.45	19.34			
5	64QAM	1	0	19.54	19.44	19.62	19.50	19.30			
5	64QAM	1	12	19.57	19.53	19.69	19.39	19.23	21	2	
5	64QAM	1	24	19.49	19.47	19.51	19.49	19.14			
5	64QAM	12	0	18.58	18.55	18.58	18.45	18.30			
5	64QAM	12	7	18.71	18.56	18.70	18.50	18.34	20	3	
5	64QAM	12	13	18.61	18.65	18.58	18.42	18.30			
5	64QAM	25	0	18.74	18.59	18.65	18.53	18.33			

Band 41_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				39790	40185	40620	41055	41490	24.5	0
				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.38	23.40	23.72	23.84	23.70	23.5	1
20	QPSK	1	49	23.36	23.42	23.63	23.59	23.70		
20	QPSK	1	99	23.31	23.45	23.68	23.61	23.64	23.5	1
20	QPSK	50	0	22.43	22.46	22.70	22.57	22.65		
20	QPSK	50	24	22.51	22.56	22.65	22.65	22.63	23.5	1
20	QPSK	50	50	22.46	22.56	22.69	22.64	22.61		
20	QPSK	100	0	22.47	22.54	22.68	22.61	22.65	23.5	1
20	16QAM	1	0	22.40	22.38	22.65	22.63	22.74		
20	16QAM	1	49	22.55	22.46	22.76	22.85	22.79	22.5	2
20	16QAM	1	99	22.35	22.32	22.67	22.63	22.62		
20	16QAM	50	0	21.42	21.45	21.72	21.57	21.70	22.5	2
20	16QAM	50	24	21.52	21.58	21.73	21.68	21.69		
20	16QAM	50	50	21.46	21.54	21.71	21.65	21.71	22.5	2
20	16QAM	100	0	21.48	21.56	21.71	21.65	21.66		
20	64QAM	1	0	21.37	21.32	21.62	21.49	21.54	22.5	2
20	64QAM	1	49	21.44	21.36	21.68	21.46	21.71		
20	64QAM	1	99	21.28	21.28	21.65	21.53	21.53	21.5	3
20	64QAM	50	0	20.42	20.45	20.62	20.57	20.69		
20	64QAM	50	24	20.52	20.57	20.72	20.67	20.69	21.5	3
20	64QAM	50	50	20.47	20.52	20.70	20.63	20.74		
20	64QAM	100	0	20.50	20.56	20.69	20.64	20.64	24.50	0
Channel Frequency (MHz)				39725	40173	40620	41068	41515		
				2503.5	2548.3	2593	2637.8	2682.5	23.5	1
15	QPSK	1	0	23.32	23.36	23.71	23.60	23.65		
15	QPSK	1	37	23.29	23.37	23.51	23.54	23.67	23.5	1
15	QPSK	1	74	23.29	23.38	23.55	23.57	23.53		
15	QPSK	36	0	22.38	22.41	22.63	22.46	22.58	23.5	1
15	QPSK	36	20	22.46	22.45	22.59	22.55	22.59		
15	QPSK	36	39	22.39	22.44	22.67	22.62	22.54	23.5	1
15	QPSK	75	0	22.45	22.41	22.64	22.52	22.61		
15	16QAM	1	0	22.29	22.27	22.61	22.58	22.67	23.5	1
15	16QAM	1	37	22.46	22.39	22.72	22.55	22.77		
15	16QAM	1	74	22.23	22.23	22.54	22.56	22.53	22.5	2
15	16QAM	36	0	21.29	21.37	21.59	21.50	21.66		
15	16QAM	36	20	21.46	21.49	21.67	21.58	21.66	22.5	2
15	16QAM	36	39	21.33	21.42	21.58	21.58	21.68		
15	16QAM	75	0	21.39	21.49	21.61	21.59	21.61	22.5	2
15	64QAM	1	0	21.34	21.19	21.54	21.44	21.52		
15	64QAM	1	37	21.37	21.32	21.56	21.36	21.61	21.5	3
15	64QAM	1	74	21.23	21.20	21.57	21.42	21.50		
15	64QAM	36	0	20.30	20.37	20.54	20.45	20.65	21.5	3
15	64QAM	36	20	20.50	20.44	20.59	20.64	20.58		
15	64QAM	36	39	20.34	20.39	20.67	20.59	20.68	24.50	0
15	64QAM	75	0	20.41	20.45	20.60	20.57	20.53		
Channel Frequency (MHz)				39700	40160	40620	41080	41540	23.5	1
				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.34	23.69	23.57	23.64	23.5	1
10	QPSK	1	25	23.26	23.37	23.52	23.49	23.64		
10	QPSK	1	49	23.29	23.34	23.62	23.55	23.62	22.5	2
10	QPSK	25	0	22.40	22.41	22.66	22.51	22.59		
10	QPSK	25	12	22.44	22.50	22.63	22.54	22.51	23.5	1
10	QPSK	25	25	22.35	22.48	22.57	22.60	22.50		
10	QPSK	50	0	22.44	22.47	22.61	22.56	22.62	23.5	1
10	16QAM	1	0	22.36	22.25	22.61	22.56	22.68		
10	16QAM	1	25	22.49	22.35	22.64	22.53	22.69	22.5	2
10	16QAM	1	49	22.27	22.27	22.54	22.60	22.57		
10	16QAM	25	0	21.33	21.33	21.67	21.49	21.65	22.5	2
10	16QAM	25	12	21.43	21.46	21.61	21.61	21.59		
10	16QAM	25	25	21.35	21.46	21.62	21.58	21.59	21.5	3
10	16QAM	50	0	21.39	21.47	21.59	21.55	21.56		
10	64QAM	1	0	21.27	21.23	21.56	21.40	21.44	22.5	2
10	64QAM	1	25	21.40	21.27	21.56	21.42	21.59		
10	64QAM	1	49	21.20	21.15	21.56	21.46	21.50	21.5	3
10	64QAM	25	0	20.29	20.39	20.52	20.53	20.67		
10	64QAM	25	12	20.44	20.48	20.59	20.57	20.59	24.50	0
10	64QAM	25	25	20.41	20.40	20.66	20.50	20.70		
10	64QAM	50	0	20.41	20.52	20.63	20.51	20.55	23.5	1
Channel Frequency (MHz)				39795	40146	40620	41093	41555		
				2498.5	2545.8	2593	2640.30	2687.5	24.50	0
5	QPSK	1	0	23.38	23.38	23.65	23.63	23.63		
5	QPSK	1	12	23.23	23.34	23.51	23.49	23.61	23.5	1
5	QPSK	1	24	23.27	23.38	23.60	23.49	23.54		
5	QPSK	12	0	22.34	22.34	22.65	22.55	22.57	23.5	1
5	QPSK	12	7	22.38	22.54	22.63	22.60	22.61		
5	QPSK	12	13	22.44	22.45	22.63	22.55	22.55	23.5	1
5	QPSK	25	0	22.34	22.49	22.65	22.50	22.58		
5	16QAM	1	0	22.32	22.33	22.56	22.56	22.68	22.5	2
5	16QAM	1	12	22.53	22.36	22.66	22.62	22.69		
5	16QAM	1	24	22.28	22.25	22.55	22.60	22.50	21.5	3
5	16QAM	12	0	21.36	21.33	21.62	21.49	21.59		
5	16QAM	12	7	21.48	21.56	21.71	21.62	21.64	22.5	2
5	16QAM	12	13	21.43	21.52	21.67	21.54	21.60		
5	16QAM	25	0	21.35	21.46	21.63	21.55	21.61	22.5	2
5	64QAM	1	0	21.26	21.29	21.49	21.40	21.47		
5	64QAM	1	12	21.32	21.29	21.62	21.43	21.68	21.5	3
5	64QAM	1	24	21.25	21.16	21.52	21.44	21.51		
5	64QAM	12	0	20.35	20.38	20.52	20.49	20.62	24.50	0
5	64QAM	12	7	20.43	20.45	20.67	20.63	20.61		
5	64QAM	12	13	20.39	20.49	20.67	20.59	20.63	23.5	1
5	64QAM	25	0	20.38	20.54	20.57	20.57	20.55		

Band 41_Ant 3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				39790	40185	40620	41055	41490	25	0
				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.11	23.11	23.39	23.24	23.25	24	1
20	QPSK	1	49	23.22	23.22	23.28	23.24	23.10		
20	QPSK	1	99	23.19	23.19	23.33	23.20	23.01	24	1
20	QPSK	50	0	22.22	22.22	22.34	22.23	22.13		
20	QPSK	50	24	22.33	22.33	22.32	22.29	22.13	24	1
20	QPSK	50	50	22.26	22.26	22.32	22.26	22.12		
20	QPSK	100	0	22.30	22.30	22.33	22.27	22.08	24	1
20	16QAM	1	0	22.14	22.14	22.32	22.28	22.32		
20	16QAM	1	49	22.26	22.26	22.45	22.41	22.33	23	2
20	16QAM	1	99	22.19	22.19	22.21	22.29	22.04		
20	16QAM	50	0	21.26	21.26	21.29	21.24	21.16	23	2
20	16QAM	50	24	21.34	21.34	21.35	21.29	21.14		
20	16QAM	50	50	21.28	21.28	21.34	21.29	21.14	23	2
20	16QAM	100	0	21.29	21.29	21.33	21.28	21.10		
20	64QAM	1	0	21.08	21.08	21.28	21.24	21.20	23	2

Reduced Power for DSI 1

Band 41_Ant 0														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	20.82	20.78	21.01	20.96	20.98	22	0				
20	QPSK	1	49	20.87	20.82	20.91	20.92	20.88						
20	QPSK	1	99	20.73	20.81	20.98	20.96	20.84						
20	QPSK	50	0	19.83	19.88	19.98	19.92	19.93						
20	QPSK	50	24	19.93	19.96	19.97	19.97	19.93	21	1				
20	QPSK	50	50	19.85	19.94	19.96	19.96	19.94						
20	QPSK	100	0	19.88	19.93	19.96	19.92	19.90						
20	16QAM	1	0	19.76	19.74	20.00	19.99	19.96						
20	16QAM	1	49	20.06	20.03	20.25	19.93	20.05	21	1				
20	16QAM	1	99	19.86	19.80	20.07	19.92	19.87						
20	16QAM	50	0	18.85	18.86	18.93	18.91	18.94						
20	16QAM	50	24	18.93	18.97	19.04	18.99	18.92						
20	16QAM	50	50	18.91	18.94	19.00	18.98	18.95	20	2				
20	16QAM	100	0	18.93	18.95	19.00	18.99	18.92						
20	64QAM	1	0	18.70	18.76	18.85	18.89	18.92						
20	64QAM	1	49	18.85	18.86	19.00	18.86	18.88						
20	64QAM	1	99	18.68	18.67	18.93	18.93	18.84	20	2				
20	64QAM	50	0	17.85	17.87	17.94	17.93	17.95						
20	64QAM	50	24	17.94	17.95	18.01	18.02	17.92						
20	64QAM	50	50	17.89	17.95	18.00	17.97	17.97						
20	64QAM	100	0	17.92	17.95	17.99	17.96	17.93	19	3				
Channel				39725	40173	40620	41068	41515			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	20.76	20.72	20.95	20.93	20.91	22.00	0				
15	QPSK	1	37	20.75	20.71	20.78	20.82	20.82						
15	QPSK	1	74	20.64	20.76	20.95	20.91	20.81						
15	QPSK	36	0	19.73	19.76	19.87	19.81	19.81						
15	QPSK	36	20	19.88	19.85	19.90	19.87	19.84	21	1				
15	QPSK	36	39	18.76	18.82	19.93	19.94	19.84						
15	QPSK	75	0	19.86	19.87	19.94	19.96	19.86						
15	16QAM	1	0	19.69	19.71	19.88	19.93	19.92						
15	16QAM	1	37	20.03	20.01	20.19	19.91	19.93	21	1				
15	16QAM	1	74	19.73	19.74	20.05	19.80	19.79						
15	16QAM	36	0	18.74	18.74	18.86	18.83	18.90						
15	16QAM	36	20	18.82	18.93	18.93	18.95	18.82						
15	16QAM	36	39	18.81	18.85	18.90	18.94	18.93	20	2				
15	16QAM	75	0	18.89	18.88	18.89	18.88	18.88						
15	64QAM	1	0	18.59	18.68	18.77	18.87	18.80						
15	64QAM	1	37	18.83	18.79	18.99	18.83	18.78						
15	64QAM	1	74	18.65	18.57	18.84	18.81	18.81	20	2				
15	64QAM	36	0	17.76	17.76	17.88	17.80	17.89						
15	64QAM	36	20	17.83	17.82	17.90	17.92	17.84						
15	64QAM	36	39	17.83	17.86	17.87	17.91	17.90						
15	64QAM	75	0	17.83	17.89	17.93	17.93	17.89	19	3				
Channel				39700	40160	40620	41080	41540			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	20.76	20.76	21.00	20.93	20.95	22.00	0				
10	QPSK	1	25	20.81	20.76	20.88	20.84	20.79						
10	QPSK	1	49	20.86	20.78	20.95	20.91	20.79						
10	QPSK	25	0	19.72	19.75	19.90	19.88	19.91						
10	QPSK	25	12	19.86	19.88	19.95	19.95	19.84	21	1				
10	QPSK	25	25	19.72	19.82	19.89	19.84	19.86						
10	QPSK	50	0	19.75	19.84	19.87	19.92	19.87						
10	16QAM	1	0	19.66	19.61	19.93	19.89	19.86						
10	16QAM	1	25	19.98	19.94	20.12	19.85	19.94	21	1				
10	16QAM	1	49	19.82	19.78	19.96	19.79	19.79						
10	16QAM	25	0	18.76	18.77	18.91	18.84	18.87						
10	16QAM	25	12	18.82	18.95	18.95	18.94	18.90						
10	16QAM	25	25	18.80	18.83	18.87	18.91	18.85	20	2				
10	16QAM	50	0	18.84	18.85	18.88	18.86	18.89						
10	64QAM	1	0	18.59	18.65	18.82	18.81	18.81						
10	64QAM	1	25	18.83	18.75	18.94	18.81	18.85						
10	64QAM	1	49	18.59	18.65	18.87	18.86	18.72	20	2				
10	64QAM	25	0	17.80	17.83	17.84	17.80	17.91						
10	64QAM	25	12	17.88	17.88	17.96	17.97	17.87						
10	64QAM	25	25	17.80	17.86	17.97	17.86	17.88						
10	64QAM	50	0	17.90	17.88	17.95	17.89	17.83	19	3				
Channel				39675	40148	40620	41093	41565			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5						
5	QPSK	1	0	20.77	20.72	20.93	20.90	20.92	22.00	0				
5	QPSK	1	12	20.85	20.73	20.84	20.87	20.81						
5	QPSK	1	24	20.71	20.76	20.87	20.92	20.74						
5	QPSK	12	0	19.79	19.85	19.92	19.80	19.84						
5	QPSK	12	7	19.83	19.84	19.95	19.86	19.84	21	1				
5	QPSK	12	13	19.72	19.91	19.93	19.87	19.88						
5	QPSK	25	0	19.85	19.80	19.89	19.91	19.88						
5	16QAM	1	0	19.68	19.70	19.91	19.91	19.86						
5	16QAM	1	12	19.93	19.90	20.16	19.83	20.03	21	1				
5	16QAM	1	24	19.84	19.67	20.02	19.90	19.74						
5	16QAM	12	0	18.81	18.83	18.90	18.79	18.88						
5	16QAM	12	7	18.84	18.93	18.94	18.97	18.85						
5	16QAM	12	13	18.82	18.86	18.89	18.90	18.92	20	2				
5	16QAM	25	0	18.82	18.82	18.90	18.92	18.88						
5	64QAM	1	0	18.68	18.68	18.81	18.80	18.83						
5	64QAM	1	12	18.77	18.75	18.98	18.78	18.81						
5	64QAM	1	24	18.66	18.57	18.80	18.82	18.77	20	2				
5	64QAM	12	0	17.74	17.83	17.87	17.83	17.93						
5	64QAM	12	7	17.88	17.89	17.91	17.90	17.81						
5	64QAM	12	13	17.77	17.83	17.87	17.92	17.87						
5	64QAM	25	0	17.81	17.88	17.89	17.90	17.90	19	3				

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	16.14	16.08	16.26	16.05	15.92	17.5	0	
20	QPSK	1	49	16.11	16.12	16.13	15.96	15.81			
20	QPSK	1	99	15.99	16.10	16.14	15.97	15.81			
20	QPSK	50	0	16.16	16.13	16.24	16.01	15.87	17.5	0	
20	QPSK	50	24	16.23	16.20	16.16	16.10	15.86			
20	QPSK	50	50	16.20	16.21	16.21	16.02	15.90			
20	QPSK	100	0	16.19	16.16	16.23	16.06	15.86	17.5	0	
20	16QAM	1	0	16.10	16.13	16.18	16.04	15.94			
20	16QAM	1	49	16.18	16.15	16.21	16.21	16.15			
20	16QAM	1	99	16.12	16.07	16.15	15.97	15.79	17.5	0	
20	16QAM	50	0	16.19	16.13	16.16	16.03	15.89			
20	16QAM	50	24	16.25	16.20	16.20	16.09	15.89			
20	16QAM	50	50	16.22	16.20	16.19	16.05	15.92	17.5	0	
20	16QAM	100	0	16.21	16.18	16.21	16.07	15.86			
20	64QAM	1	0	16.01	16.10	16.12	16.04	15.87			
20	64QAM	1	49	16.10	16.16	16.08	15.96	15.85	17.5	0	
20	64QAM	1	99	16.00	15.88	16.16	15.93	15.79			
20	64QAM	50	0	16.19	16.11	16.16	16.04	15.92			
20	64QAM	50	24	16.25	16.19	16.22	16.09	15.88	17.5	0	
20	64QAM	50	50	16.20	16.21	16.23	16.03	15.91			
20	64QAM	100	0	16.21	16.16	16.22	16.09	15.87			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	16.06	16.07	16.22	15.98	15.87	17.50	0	
15	QPSK	1	37	15.98	16.09	16.03	15.83	15.71			
15	QPSK	1	74	15.92	16.04	16.08	15.94	15.68			
15	QPSK	36	0	16.12	16.08	16.13	15.99	15.82	17.5	0	
15	QPSK	36	20	16.19	16.15	16.20	15.99	15.76			
15	QPSK	36	39	16.13	16.10	16.19	15.97	15.77			
15	QPSK	75	0	16.17	16.10	16.19	15.96	15.75	17.5	0	
15	16QAM	1	0	16.07	16.01	16.16	15.95	15.90			
15	16QAM	1	37	16.06	16.09	16.18	16.11	16.11			
15	16QAM	1	74	15.99	16.00	16.03	15.87	15.68	17.5	0	
15	16QAM	36	0	16.13	16.10	16.08	15.98	15.84			
15	16QAM	36	20	16.16	16.10	16.07	16.05	15.77			
15	16QAM	36	39	16.18	16.18	16.16	15.92	15.81	17.5	0	
15	16QAM	75	0	16.10	16.05	16.08	15.95	15.80			
15	64QAM	1	0	15.98	16.06	16.05	15.92	15.81			
15	64QAM	1	37	15.99	16.14	15.96	15.82	15.81	17.5	0	
15	64QAM	1	74	15.89	15.81	16.03	15.82	15.74			
15	64QAM	36	0	16.09	15.99	16.12	15.93	15.86			
15	64QAM	36	20	16.16	16.15	16.16	16.06	15.79	17.5	0	
15	64QAM	36	39	16.15	16.17	16.19	16.01	15.86			
15	64QAM	75	0	16.09	16.03	16.19	15.97	15.74			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	16.06	16.00	16.21	15.98	15.89	17.50	0	
10	QPSK	1	25	16.08	16.07	16.02	15.88	15.76			
10	QPSK	1	49	15.95	16.08	16.02	15.92	15.70			
10	QPSK	25	0	16.09	16.07	16.07	15.98	15.81	17.5	0	
10	QPSK	25	12	16.20	16.15	16.19	16.07	15.76			
10	QPSK	25	25	16.15	16.18	16.08	15.94	15.80			
10	QPSK	50	0	16.08	16.06	16.10	16.03	15.77	17.5	0	
10	16QAM	1	0	16.03	16.05	16.15	15.91	15.92			
10	16QAM	1	25	16.06	16.11	16.11	16.12	16.10			
10	16QAM	1	49	16.07	15.95	16.12	15.88	15.75	17.5	0	
10	16QAM	25	0	16.13	16.02	16.07	15.93	15.87			
10	16QAM	25	12	16.12	16.16	16.18	15.96	15.86			
10	16QAM	25	25	16.09	16.18	16.12	15.96	15.87	17.5	0	
10	16QAM	50	0	16.10	16.16	16.16	16.05	15.77			
10	64QAM	1	0	15.92	15.97	16.03	15.92	15.84			
10	64QAM	1	25	15.96	16.16	16.02	15.89	15.76	17.5	0	
10	64QAM	1	49	15.94	15.84	16.12	15.84	15.67			
10	64QAM	25	0	16.08	15.98	16.13	15.94	15.82			
10	64QAM	25	12	16.12	16.06	16.18	16.02	15.84	17.5	0	
10	64QAM	25	25	16.10	16.14	16.19	15.96	15.79			
10	64QAM	50	0	16.15	16.12	16.14	16.00	15.85			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	16.13	16.07	16.23	16.00	15.88	17.50	0	
5	QPSK	1	12	16.02	16.00	16.06	15.89	15.69			
5	QPSK	1	24	15.91	16.07	16.11	15.95	15.75			
5	QPSK	12	0	16.14	16.00	16.06	15.91	15.79	17.5	0	
5	QPSK	12	7	16.16	16.08	16.19	16.05	15.81			
5	QPSK	12	13	16.07	16.19	16.11	15.94	15.82			
5	QPSK	25	0	16.06	16.16	16.16	16.02	15.84	17.5	0	
5	16QAM	1	0	16.01	16.03	16.09	15.97	15.92			
5	16QAM	1	12	16.14	16.09	16.16	16.12	16.12			
5	16QAM	1	24	16.04	15.96	16.02	15.94	15.76	17.5	0	
5	16QAM	12	0	16.14	16.11	16.04	15.93	15.85			
5	16QAM	12	7	16.18	16.15	16.10	16.05	15.78			
5	16QAM	12	13	16.17	16.16	16.07	15.94	15.89	17.5	0	
5	16QAM	25	0	16.12	16.07	16.12	16.03	15.80			
5	64QAM	1	0	15.96	16.05	16.00	15.89	15.78			
5	64QAM	1	12	16.01	16.11	16.02	15.93	15.75	17.5	0	
5	64QAM	1	24	15.92	15.82	16.05	15.82	15.68			
5	64QAM	12	0	16.11	16.00	16.06	15.99	15.90			
5	64QAM	12	7	16.23	16.12	16.16	16.06	15.79	17.5	0	
5	64QAM	12	13	16.16	16.08	16.20	15.92	15.80			
5	64QAM	25	0	16.10	16.06	16.15	15.98	15.84			

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	24.5	0
Frequency (MHz)				2508	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.38	23.40	23.72	23.84	23.70		
20	QPSK	1	49	23.36	23.42	23.63	23.59	23.70	23.5	1
20	QPSK	1	99	23.31	23.45	23.68	23.61	23.64		
20	QPSK	50	0	22.43	22.46	22.70	22.57	22.65		
20	QPSK	50	24	22.51	22.56	22.85	22.85	22.63	23.5	1
20	QPSK	50	50	22.46	22.56	22.69	22.64	22.61		
20	QPSK	100	0	22.47	22.54	22.68	22.61	22.65		
20	16QAM	1	0	22.40	22.38	22.65	22.63	22.74	23.5	1
20	16QAM	1	49	22.55	22.48	22.76	22.65	22.79		
20	16QAM	1	99	22.35	22.32	22.67	22.63	22.62		
20	16QAM	50	0	21.42	21.45	21.72	21.57	21.70	22.5	2
20	16QAM	50	24	21.52	21.58	21.73	21.68	21.69		
20	16QAM	50	50	21.46	21.54	21.71	21.65	21.71		
20	16QAM	100	0	21.48	21.56	21.71	21.65	21.66	22.5	2
20	64QAM	1	0	21.37	21.32	21.62	21.49	21.54		
20	64QAM	1	49	21.44	21.36	21.68	21.46	21.71		
20	64QAM	1	99	21.28	21.28	21.65	21.53	21.53	21.5	3
20	64QAM	50	0	20.42	20.45	20.62	20.57	20.69		
20	64QAM	50	24	20.52	20.57	20.72	20.67	20.69		
20	64QAM	50	50	20.47	20.52	20.70	20.63	20.74	21.5	3
20	64QAM	100	0	20.50	20.56	20.69	20.64	20.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	24.50	0
15	QPSK	1	0	23.32	23.36	23.71	23.60	23.65		
15	QPSK	1	37	23.29	23.37	23.51	23.54	23.67		
15	QPSK	1	74	23.29	23.38	23.57	23.57	23.53	23.5	1
15	QPSK	36	0	22.38	22.41	22.63	22.46	22.58		
15	QPSK	36	20	22.46	22.45	22.59	22.55	22.59		
15	QPSK	36	39	22.38	22.44	22.67	22.62	22.54	23.5	1
15	QPSK	75	0	22.45	22.41	22.64	22.62	22.61		
15	16QAM	1	0	22.29	22.27	22.61	22.58	22.67		
15	16QAM	1	37	22.46	22.39	22.72	22.55	22.77	23.5	1
15	16QAM	1	74	22.23	22.23	22.54	22.56	22.53		
15	16QAM	36	0	21.29	21.37	21.59	21.50	21.66		
15	16QAM	36	20	21.46	21.49	21.67	21.58	21.66	22.5	2
15	16QAM	36	39	21.33	21.42	21.58	21.58	21.68		
15	16QAM	75	0	21.39	21.49	21.61	21.59	21.61		
15	64QAM	1	0	21.34	21.19	21.54	21.44	21.52	22.5	2
15	64QAM	1	37	21.37	21.32	21.56	21.36	21.61		
15	64QAM	1	74	21.23	21.20	21.57	21.42	21.50		
15	64QAM	36	0	20.30	20.37	20.54	20.45	20.65	21.5	3
15	64QAM	36	20	20.50	20.44	20.59	20.64	20.58		
15	64QAM	36	39	20.34	20.39	20.67	20.59	20.68		
15	64QAM	75	0	20.41	20.45	20.60	20.57	20.53	21.50	3
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	24.50	0
10	QPSK	1	0	23.33	23.34	23.69	23.57	23.64		
10	QPSK	1	25	23.26	23.37	23.52	23.49	23.64		
10	QPSK	1	49	23.29	23.34	23.62	23.55	23.62	23.5	1
10	QPSK	25	0	22.40	22.41	22.66	22.51	22.59		
10	QPSK	25	12	22.44	22.50	22.63	22.54	22.51		
10	QPSK	25	25	22.35	22.48	22.57	22.60	22.50	23.5	1
10	QPSK	50	0	22.44	22.47	22.61	22.56	22.62		
10	16QAM	1	0	22.36	22.25	22.61	22.56	22.68		
10	16QAM	1	25	22.49	22.35	22.64	22.53	22.69	23.5	1
10	16QAM	1	49	22.27	22.27	22.54	22.60	22.57		
10	16QAM	25	0	21.33	21.33	21.67	21.49	21.65		
10	16QAM	25	12	21.43	21.48	21.61	21.61	21.59	22.5	2
10	16QAM	25	25	21.35	21.46	21.62	21.58	21.59		
10	16QAM	50	0	21.39	21.47	21.59	21.55	21.56		
10	64QAM	1	0	21.27	21.23	21.56	21.40	21.44	22.5	2
10	64QAM	1	25	21.40	21.27	21.56	21.42	21.59		
10	64QAM	1	49	21.20	21.15	21.56	21.46	21.50		
10	64QAM	25	0	20.29	20.39	20.52	20.53	20.67	21.5	3
10	64QAM	25	12	20.44	20.48	20.59	20.57	20.59		
10	64QAM	25	25	20.41	20.40	20.66	20.50	20.70		
10	64QAM	50	0	20.41	20.52	20.63	20.51	20.55	21.50	3
Channel				39675	40148	40620	41093	41585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	24.50	0
5	QPSK	1	0	23.36	23.38	23.65	23.63	23.63		
5	QPSK	1	12	23.23	23.34	23.51	23.49	23.61		
5	QPSK	1	24	23.27	23.38	23.60	23.49	23.54	23.5	1
5	QPSK	12	0	22.34	22.34	22.65	22.55	22.57		
5	QPSK	12	7	22.38	22.54	22.63	22.60	22.61		
5	QPSK	12	13	22.44	22.45	22.63	22.55	22.55	23.5	1
5	QPSK	25	0	22.34	22.49	22.65	22.50	22.58		
5	16QAM	1	0	22.32	22.33	22.56	22.56	22.68		
5	16QAM	1	12	22.53	22.36	22.66	22.62	22.69	23.5	1
5	16QAM	1	24	22.28	22.25	22.55	22.60	22.50		
5	16QAM	12	0	21.36	21.33	21.62	21.49	21.59		
5	16QAM	12	7	21.48	21.56	21.71	21.62	21.64	22.5	2
5	16QAM	12	13	21.43	21.52	21.67	21.54	21.60		
5	16QAM	25	0	21.35	21.46	21.63	21.55	21.64		
5	64QAM	1	0	21.26	21.29	21.49	21.40	21.47	22.5	2
5	64QAM	1	12	21.32	21.26	21.62	21.43	21.68		
5	64QAM	1	24	21.25	21.16	21.52	21.44	21.51		
5	64QAM	12	0	20.35	20.38	20.52	20.49	20.62	21.5	3
5	64QAM	12	7	20.43	20.45	20.67	20.63	20.61		
5	64QAM	12	13	20.39	20.40	20.67	20.59	20.63		
5	64QAM	25	0	20.38	20.54	20.57	20.57	20.55	21.50	3

Reduced Power for DSI 3

Band 41_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	20	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.72	18.79	18.03	18.96	19.00	20	0
20	QPSK	1	49	18.76	18.76	18.93	18.92	18.94		
20	QPSK	1	99	18.68	18.70	18.98	18.88	18.95		
20	QPSK	50	0	18.74	18.81	19.01	18.94	18.94		
20	QPSK	50	24	18.87	18.92	19.00	18.92	18.94	20	0
20	QPSK	50	50	18.83	18.88	18.99	18.97	18.96		
20	QPSK	100	0	18.84	18.90	18.98	18.97	18.92		
20	16QAM	1	0	18.63	18.78	18.90	19.01	18.99		
20	16QAM	1	49	19.01	19.00	19.01	18.95	18.96	20	0
20	16QAM	1	99	18.70	18.81	18.88	18.92	18.78		
20	16QAM	50	0	18.79	18.84	18.93	18.93	18.95		
20	16QAM	50	24	18.86	18.93	19.02	19.01	18.93		
20	16QAM	50	50	18.83	18.93	18.98	18.99	18.97	20	0
20	16QAM	100	0	18.85	18.94	18.99	18.99	18.93		
20	64QAM	1	0	18.56	18.70	18.86	18.94	18.95		
20	64QAM	1	49	18.80	18.77	18.82	18.86	18.93		
20	64QAM	1	99	18.65	18.74	18.94	18.87	18.82	19	1
20	64QAM	50	0	17.77	17.84	17.93	17.93	17.95		
20	64QAM	50	24	17.85	17.95	18.02	18.01	17.93		
20	64QAM	50	50	17.83	17.95	17.96	17.98	17.95		
20	64QAM	100	0	17.84	17.85	17.99	17.97	17.93	Tune-up limit (dBm)	MPR (dB)
Channel				39725	40163	40600	41038	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	20.00	0
15	QPSK	1	0	18.68	18.75	18.96	18.92	18.95		
15	QPSK	1	37	18.74	18.75	18.90	18.83	18.91	20	0
15	QPSK	1	74	18.59	18.60	18.94	18.86	18.90		
15	QPSK	36	0	18.70	18.69	18.98	18.83	18.90		
15	QPSK	36	20	18.74	18.88	18.92	18.88	18.92		
15	QPSK	36	39	18.77	18.78	18.92	18.90	18.83	20	0
15	QPSK	75	0	18.74	18.78	18.94	18.93	18.90		
15	16QAM	1	0	18.61	18.69	18.87	18.96	18.87		
15	16QAM	1	37	18.92	18.95	18.98	18.87	18.87		
15	16QAM	1	74	18.63	18.70	18.84	18.79	18.68	20	0
15	16QAM	36	0	18.67	18.74	18.84	18.88	18.88		
15	16QAM	36	20	18.76	18.82	18.90	18.90	18.91		
15	16QAM	36	39	18.72	18.84	18.85	18.90	18.95		
15	16QAM	75	0	18.83	18.92	18.92	18.86	18.82	20	0
15	64QAM	1	0	18.48	18.67	18.92	18.82	18.90		
15	64QAM	1	37	18.73	18.65	18.80	18.83	18.91		
15	64QAM	1	74	18.56	18.63	18.85	18.78	18.77		
15	64QAM	36	0	17.75	17.72	17.83	17.84	17.91	19	1
15	64QAM	36	20	17.73	17.83	17.93	17.90	17.85		
15	64QAM	36	39	17.72	17.84	17.90	17.86	17.91		
15	64QAM	75	0	17.77	17.89	17.93	17.85	17.80		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.66	18.77	18.96	18.94	18.99	20.00	0
10	QPSK	1	25	18.68	18.71	18.83	18.89	18.84		
10	QPSK	1	49	18.57	18.64	18.92	18.78	18.88		
10	QPSK	25	0	18.66	18.72	18.97	18.91	18.81		
10	QPSK	25	12	18.65	18.79	18.94	18.87	18.94	20	0
10	QPSK	25	25	18.72	18.82	18.91	18.89	18.91		
10	QPSK	50	0	18.79	18.80	18.88	18.84	18.88		
10	16QAM	1	0	18.55	18.75	18.85	18.99	18.90		
10	16QAM	1	25	18.95	18.92	18.94	18.89	18.92	20	0
10	16QAM	1	49	18.60	18.74	18.78	18.84	18.68		
10	16QAM	25	0	18.71	18.77	18.82	18.85	18.90		
10	16QAM	25	12	18.79	18.91	18.90	18.88	18.87		
10	16QAM	25	25	18.71	18.85	18.96	18.91	18.94	20	0
10	16QAM	50	0	18.79	18.85	18.97	18.95	18.86		
10	64QAM	1	0	18.50	18.65	18.93	18.84	18.86		
10	64QAM	1	25	18.67	18.72	18.80	18.76	18.91		
10	64QAM	1	49	18.55	18.69	18.89	18.85	18.79	19	1
10	64QAM	25	0	17.68	17.73	17.82	17.83	17.92		
10	64QAM	25	12	17.72	17.82	17.92	17.89	17.91		
10	64QAM	25	25	17.73	17.93	17.89	17.91	17.88		
10	64QAM	50	0	17.80	17.82	17.87	17.85	17.86	Tune-up limit (dBm)	MPR (dB)
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	20.00	0
5	QPSK	1	0	18.70	18.76	18.96	18.92	18.99		
5	QPSK	1	12	18.65	18.76	18.85	18.82	18.90	20	0
5	QPSK	1	24	18.61	18.59	18.96	18.86	18.87		
5	QPSK	12	0	18.68	18.74	18.91	18.83	18.86		
5	QPSK	12	7	18.83	18.80	18.94	18.80	18.91		
5	QPSK	12	13	18.70	18.80	18.87	18.90	18.85	20	0
5	QPSK	25	0	18.80	18.82	18.95	18.87	18.87		
5	16QAM	1	0	18.57	18.69	18.77	18.99	18.88		
5	16QAM	1	12	18.90	18.96	18.92	18.82	18.83		
5	16QAM	1	24	18.64	18.69	18.82	18.88	18.69	20	0
5	16QAM	12	0	18.66	18.72	18.82	18.91	18.82		
5	16QAM	12	7	18.74	18.91	18.92	18.94	18.90		
5	16QAM	12	13	18.79	18.88	18.94	18.94	18.91		
5	16QAM	25	0	18.81	18.92	18.91	18.90	18.81	20	0
5	64QAM	1	0	18.50	18.60	18.91	18.91	18.86		
5	64QAM	1	12	18.77	18.69	18.76	18.82	18.83		
5	64QAM	1	24	18.53	18.67	18.82	18.80	18.69		
5	64QAM	12	0	17.72	17.77	17.91	17.80	17.91	19	1
5	64QAM	12	7	17.79	17.90	17.92	17.91	17.85		
5	64QAM	12	13	17.74	17.84	17.85	17.91	17.84		
5	64QAM	25	0	17.72	17.91	17.88	17.85	17.84		

Band 41_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.67	19.61	19.80	19.55	19.53	21	0
20	QPSK	1	49	19.65	19.58	19.65	19.47	19.34		
20	QPSK	1	99	19.56	19.49	19.63	19.41	19.31		
20	QPSK	50	0	19.64	19.62	19.76	19.55	19.44	21	0
20	QPSK	50	24	19.73	19.71	19.75	19.61	19.39		
20	QPSK	50	50	19.67	19.65	19.73	19.53	19.44		
20	QPSK	100	0	19.71	19.69	19.74	19.57	19.37	21	0
20	16QAM	1	0	19.71	19.60	19.70	19.61	19.49		
20	16QAM	1	49	19.74	19.73	19.77	19.71	19.63		
20	16QAM	1	99	19.67	19.61	19.68	19.57	19.29	21	0
20	16QAM	50	0	19.69	19.60	19.67	19.54	19.41		
20	16QAM	50	24	19.75	19.71	19.74	19.60	19.38		
20	16QAM	50	50	19.70	19.69	19.72	19.56	19.43	21	0
20	16QAM	100	0	19.74	19.70	19.75	19.59	19.39		
20	64QAM	1	0	19.57	19.47	19.70	19.49	19.45		
20	64QAM	1	49	19.71	19.66	19.66	19.49	19.36	21	0
20	64QAM	1	99	19.46	19.43	19.63	19.43	19.36		
20	64QAM	50	0	18.65	18.60	18.66	18.55	18.41		
20	64QAM	50	24	18.77	18.70	18.75	18.60	18.39	20	1
20	64QAM	50	50	18.71	18.66	18.71	18.56	18.42		
20	64QAM	100	0	18.73	18.66	18.71	18.57	18.36		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.83	19.56	19.79	19.49	19.52	21.00	0
15	QPSK	1	37	19.59	19.55	19.58	19.45	19.28		
15	QPSK	1	74	19.49	19.44	19.54	19.36	19.20		
15	QPSK	36	0	19.57	19.52	19.58	19.47	19.39	21	0
15	QPSK	36	20	19.60	19.60	19.73	19.57	19.29		
15	QPSK	36	39	19.57	19.55	19.67	19.41	19.35		
15	QPSK	75	0	19.65	19.61	19.67	19.53	19.24	21	0
15	16QAM	1	0	19.68	19.58	19.63	19.59	19.40		
15	16QAM	1	37	19.66	19.70	19.65	19.69	19.59		
15	16QAM	1	74	19.55	19.52	19.61	19.55	19.16	21	0
15	16QAM	36	0	19.61	19.50	19.63	19.42	19.35		
15	16QAM	36	20	19.66	19.61	19.71	19.52	19.34		
15	16QAM	36	39	19.60	19.67	19.62	19.52	19.31	21	0
15	16QAM	75	0	19.68	19.64	19.69	19.54	19.37		
15	64QAM	1	0	19.44	19.41	19.62	19.39	19.36		
15	64QAM	1	37	19.61	19.60	19.64	19.46	19.24	21	0
15	64QAM	1	74	19.37	19.41	19.56	19.40	19.28		
15	64QAM	36	0	18.58	18.49	18.56	18.46	18.39		
15	64QAM	36	20	18.68	18.64	18.64	18.55	18.37	20	1
15	64QAM	36	39	18.60	18.63	18.66	18.54	18.33		
15	64QAM	75	0	18.64	18.69	18.59	18.50	18.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.66	19.57	19.76	19.47	19.48	21.00	0
10	QPSK	1	25	19.62	19.56	19.57	19.39	19.27		
10	QPSK	1	49	19.43	19.39	19.51	19.28	19.22		
10	QPSK	25	0	19.57	19.59	19.63	19.49	19.42	21	0
10	QPSK	25	12	19.70	19.58	19.73	19.50	19.30		
10	QPSK	25	25	19.55	19.55	19.66	19.50	19.36		
10	QPSK	50	0	19.61	19.58	19.66	19.51	19.24	21	0
10	16QAM	1	0	19.68	19.48	19.59	19.56	19.47		
10	16QAM	1	25	19.69	19.64	19.64	19.67	19.53		
10	16QAM	1	49	19.58	19.50	19.66	19.51	19.22	21	0
10	16QAM	25	0	19.56	19.55	19.61	19.42	19.38		
10	16QAM	25	12	19.65	19.64	19.61	19.47	19.26		
10	16QAM	25	25	19.59	19.62	19.69	19.51	19.36	21	0
10	16QAM	50	0	19.68	19.66	19.71	19.51	19.27		
10	64QAM	1	0	19.53	19.35	19.64	19.42	19.39		
10	64QAM	1	25	19.58	19.61	19.55	19.39	19.27	21	0
10	64QAM	1	49	19.35	19.41	19.57	19.36	19.34		
10	64QAM	25	0	18.52	18.47	18.63	18.47	18.39		
10	64QAM	25	12	18.66	18.61	18.67	18.50	18.36	20	1
10	64QAM	25	25	18.62	18.59	18.64	18.44	18.32		
10	64QAM	50	0	18.71	18.80	18.62	18.50	18.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.83	19.54	19.77	19.49	19.49	21.00	0
5	QPSK	1	12	19.59	19.47	19.58	19.39	19.31		
5	QPSK	1	24	19.44	19.47	19.54	19.37	19.27		
5	QPSK	12	0	19.53	19.52	19.72	19.51	19.42	21	0
5	QPSK	12	7	19.70	19.65	19.66	19.51	19.36		
5	QPSK	12	13	19.63	19.59	19.61	19.51	19.40		
5	QPSK	25	0	19.65	19.58	19.65	19.55	19.29	21	0
5	16QAM	1	0	19.67	19.51	19.59	19.48	19.41		
5	16QAM	1	12	19.62	19.71	19.68	19.60	19.56		
5	16QAM	1	24	19.64	19.53	19.66	19.53	19.25	21	0
5	16QAM	12	0	19.60	19.47	19.63	19.47	19.33		
5	16QAM	12	7	19.62	19.63	19.69	19.56	19.28		
5	16QAM	12	13	19.58	19.65	19.59	19.45	19.33	21	0
5	16QAM	25	0	19.62	19.63	19.64	19.56	19.30		
5	64QAM	1	0	19.50	19.33	19.60	19.39	19.33		
5	64QAM	1	12	19.66	19.62	19.63	19.40	19.24	21	0
5	64QAM	1	24	19.41	19.44	19.51	19.35	19.31		
5	64QAM	12	0	18.56	18.58	18.56	18.53	18.36		
5	64QAM	12	7	18.66	18.60	18.63	18.54	18.33	20	1
5	64QAM	12	13	18.61	18.60	18.62	18.47	18.34		
5	64QAM	25	0	18.65	18.53	18.59	18.44	18.27		

Band 41_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	23.5	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.32	22.42	22.70	22.55	22.69	23.5	0	
20	QPSK	1	49	22.42	22.47	22.59	22.56	22.63			
20	QPSK	1	99	22.32	22.46	22.65	22.61	22.58			
20	QPSK	50	0	22.39	22.45	22.69	22.55	22.68			
20	QPSK	50	24	22.49	22.58	22.67	22.65	22.66	23.5	0	
20	QPSK	50	50	22.44	22.53	22.68	22.61	22.68			
20	QPSK	100	0	22.47	22.55	22.68	22.61	22.64			
20	16QAM	1	0	22.34	22.39	22.67	22.59	22.67			
20	16QAM	1	49	22.60	22.45	22.65	22.55	22.65	23.5	0	
20	16QAM	1	99	22.34	22.44	22.62	22.54	22.67			
20	16QAM	50	0	21.42	21.45	21.63	21.56	21.69			
20	16QAM	50	24	21.50	21.54	21.70	21.63	21.67			
20	16QAM	50	50	21.45	21.51	21.68	21.63	21.71	22.5	1	
20	16QAM	100	0	21.48	21.53	21.68	21.63	21.66			
20	64QAM	1	0	21.31	21.31	21.62	21.48	21.66			
20	64QAM	1	49	21.44	21.36	21.64	21.61	21.74			
20	64QAM	1	99	21.30	21.34	21.56	21.52	21.65	21.5	2	
20	64QAM	50	0	20.37	20.45	20.63	20.54	20.70			
20	64QAM	50	24	20.51	20.56	20.70	20.64	20.65			
20	64QAM	50	50	20.48	20.52	20.67	20.61	20.71			
20	64QAM	100	0	20.48	20.54	20.69	20.61	20.65	Tune-up limit (dBm)	MPR (dB)	
Channel				39725	40175	40620	41063	41515			
Frequency (MHz)				2593.5	2648.3	2693	2637.5	2692.5	23.50	0	
15	QPSK	1	0	22.26	22.35	22.64	22.48	22.67			
15	QPSK	1	37	22.34	22.40	22.52	22.52	22.56			
15	QPSK	1	74	22.30	22.42	22.63	22.54	22.46			
15	QPSK	36	0	22.31	22.43	22.61	22.51	22.63	23.5	0	
15	QPSK	36	20	22.44	22.51	22.59	22.62	22.57			
15	QPSK	36	39	22.32	22.44	22.62	22.59	22.56			
15	QPSK	75	0	22.36	22.49	22.55	22.49	22.52			
15	16QAM	1	0	22.28	22.34	22.54	22.51	22.55	23.5	0	
15	16QAM	1	37	22.51	22.33	22.57	22.48	22.61			
15	16QAM	1	74	22.23	22.42	22.56	22.52	22.63			
15	16QAM	36	0	21.31	21.36	21.55	21.49	21.67			
15	16QAM	36	20	21.47	21.46	21.57	21.56	21.59	22.5	1	
15	16QAM	36	39	21.35	21.40	21.64	21.59	21.68			
15	16QAM	75	0	21.44	21.40	21.59	21.61	21.62			
15	64QAM	1	0	21.23	21.25	21.51	21.37	21.62			
15	64QAM	1	37	21.31	21.23	21.60	21.52	21.64	22.5	1	
15	64QAM	1	74	21.26	21.27	21.44	21.46	21.57			
15	64QAM	36	0	20.25	20.40	20.54	20.41	20.68			
15	64QAM	36	20	20.49	20.52	20.68	20.55	20.54			
15	64QAM	36	39	20.42	20.42	20.59	20.52	20.58	21.5	2	
15	64QAM	75	0	20.40	20.52	20.61	20.49	20.57			
Channel				39790	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.31	22.37	22.65	22.53	22.64	23.50	0	
10	QPSK	1	25	22.36	22.34	22.52	22.47	22.61			
10	QPSK	1	49	22.26	22.42	22.56	22.52	22.47			
10	QPSK	25	0	22.27	22.39	22.58	22.46	22.56			
10	QPSK	25	12	22.39	22.51	22.54	22.60	22.61	23.5	0	
10	QPSK	25	25	22.38	22.51	22.64	22.48	22.55			
10	QPSK	50	0	22.38	22.53	22.62	22.48	22.54			
10	16QAM	1	0	22.31	22.37	22.65	22.57	22.60			
10	16QAM	1	25	22.52	22.43	22.56	22.49	22.62	23.5	0	
10	16QAM	1	49	22.30	22.33	22.49	22.43	22.63			
10	16QAM	25	0	21.35	21.42	21.50	21.45	21.56			
10	16QAM	25	12	21.37	21.43	21.67	21.57	21.58			
10	16QAM	25	25	21.40	21.48	21.56	21.60	21.63	22.5	1	
10	16QAM	50	0	21.40	21.47	21.63	21.51	21.64			
10	64QAM	1	0	21.20	21.26	21.50	21.40	21.58			
10	64QAM	1	25	21.37	21.34	21.55	21.49	21.63			
10	64QAM	1	49	21.17	21.24	21.44	21.49	21.57	21.5	2	
10	64QAM	25	0	20.29	20.41	20.52	20.41	20.57			
10	64QAM	25	12	20.45	20.49	20.61	20.59	20.60			
10	64QAM	25	25	20.45	20.45	20.65	20.55	20.62			
10	64QAM	50	0	20.40	20.43	20.65	20.49	20.62	Tune-up limit (dBm)	MPR (dB)	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	23.50	0	
5	QPSK	1	0	22.29	22.38	22.64	22.47	22.68			
5	QPSK	1	12	22.31	22.45	22.47	22.52	22.56			
5	QPSK	1	24	22.30	22.42	22.57	22.57	22.49			
5	QPSK	12	0	22.30	22.33	22.67	22.44	22.63	23.5	0	
5	QPSK	12	7	22.39	22.51	22.57	22.58	22.60			
5	QPSK	12	13	22.37	22.42	22.62	22.59	22.64			
5	QPSK	25	0	22.37	22.51	22.55	22.53	22.60			
5	16QAM	1	0	22.27	22.29	22.61	22.52	22.55	23.5	0	
5	16QAM	1	12	22.50	22.39	22.55	22.52	22.61			
5	16QAM	1	24	22.27	22.38	22.52	22.49	22.61			
5	16QAM	12	0	21.37	21.42	21.59	21.46	21.67			
5	16QAM	12	7	21.43	21.50	21.64	21.55	21.59	22.5	1	
5	16QAM	12	13	21.42	21.46	21.62	21.60	21.58			
5	16QAM	25	0	21.38	21.40	21.62	21.56	21.54			
5	64QAM	1	0	21.22	21.20	21.57	21.41	21.59			
5	64QAM	1	12	21.38	21.31	21.61	21.49	21.65	22.5	1	
5	64QAM	1	24	21.24	21.24	21.54	21.41	21.52			
5	64QAM	12	0	20.32	20.38	20.53	20.52	20.57			
5	64QAM	12	7	20.45	20.45	20.63	20.62	20.56			
5	64QAM	12	13	20.38	20.44	20.57	20.57	20.61	21.5	2	
5	64QAM	25	0	20.40	20.48	20.67	20.49	20.63			

Band 41_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.14	22.20	22.38	22.17	22.20	24	0	
20	QPSK	1	49	22.21	22.25	22.22	22.15	22.09			
20	QPSK	1	99	22.12	22.18	22.26	22.25	22.09			
20	QPSK	50	0	22.22	22.22	22.36	22.22	22.17			
20	QPSK	50	24	22.30	22.32	22.35	22.29	22.14	24	0	
20	QPSK	50	50	22.30	22.28	22.32	22.25	22.13			
20	QPSK	100	0	22.27	22.29	22.35	22.27	22.10			
20	16QAM	1	0	22.14	22.21	22.34	22.35	22.31			
20	16QAM	1	49	22.33	22.27	22.33	22.22	22.26	24	0	
20	16QAM	1	99	22.17	22.24	22.25	22.17	22.07			
20	16QAM	50	0	21.24	21.23	21.29	21.24	21.18			
20	16QAM	50	24	21.29	21.33	21.36	21.32	21.15			
20	16QAM	50	50	21.28	21.27	21.32	21.28	21.16	23	1	
20	16QAM	100	0	21.28	21.29	21.34	21.29	21.16			
20	64QAM	1	0	21.19	21.15	21.28	21.19	21.16			
20	64QAM	1	49	21.26	21.17	21.29	21.19	21.07			
20	64QAM	1	99	21.17	21.05	21.19	21.24	20.94	23	1	
20	64QAM	50	0	20.22	20.23	20.27	20.23	20.16			
20	64QAM	50	24	20.31	20.32	20.34	20.29	20.15			
20	64QAM	50	50	20.28	20.27	20.32	20.28	20.13			
20	64QAM	100	0	20.28	20.30	20.36	20.28	20.12	22	2	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.11	22.19	22.30	22.11	22.19	24.00	0	
15	QPSK	1	37	22.08	22.22	22.21	22.05	21.99			
15	QPSK	1	74	22.06	22.10	22.20	22.02	21.99			
15	QPSK	36	0	22.17	22.16	22.31	22.19	22.09			
15	QPSK	36	20	22.22	22.25	22.32	22.23	22.02	24	0	
15	QPSK	36	39	22.17	22.23	22.26	22.14	22.11			
15	QPSK	75	0	22.16	22.22	22.27	22.24	22.02			
15	16QAM	1	0	22.05	22.15	22.23	22.32	22.22			
15	16QAM	1	37	22.21	22.22	22.26	22.19	22.14	24	0	
15	16QAM	1	74	22.07	22.15	22.18	22.08	22.05			
15	16QAM	36	0	21.16	21.16	21.18	21.22	21.12			
15	16QAM	36	20	21.25	21.20	21.27	21.19	21.10			
15	16QAM	36	39	21.23	21.25	21.26	21.19	21.10	23	1	
15	16QAM	75	0	21.15	21.24	21.26	21.25	21.08			
15	64QAM	1	0	21.14	21.03	21.15	21.11	21.03			
15	64QAM	1	37	21.18	21.08	21.15	21.09	21.06			
15	64QAM	1	74	21.05	20.94	21.06	21.14	20.87	23	1	
15	64QAM	36	0	20.15	20.19	20.20	20.15	20.07			
15	64QAM	36	20	20.25	20.26	20.32	20.18	20.13			
15	64QAM	36	39	20.26	20.23	20.28	20.18	20.11			
15	64QAM	75	0	20.19	20.17	20.31	20.26	20.10	22	2	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.12	22.14	22.36	22.16	22.16	24.00	0	
10	QPSK	1	25	22.19	22.23	22.19	22.05	22.00			
10	QPSK	1	49	22.03	22.10	22.18	22.15	22.03			
10	QPSK	25	0	22.16	22.19	22.29	22.13	22.09			
10	QPSK	25	12	22.17	22.20	22.23	22.22	22.07	24	0	
10	QPSK	25	25	22.28	22.15	22.27	22.15	22.09			
10	QPSK	50	0	22.22	22.17	22.29	22.19	21.98			
10	16QAM	1	0	22.11	22.16	22.23	22.24	22.27			
10	16QAM	1	25	22.28	22.20	22.30	22.11	22.14	24	0	
10	16QAM	1	49	22.14	22.17	22.14	22.04	21.97			
10	16QAM	25	0	21.14	21.15	21.16	21.17	21.07			
10	16QAM	25	12	21.19	21.30	21.33	21.19	21.04			
10	16QAM	25	25	21.21	21.19	21.26	21.26	21.11	23	1	
10	16QAM	50	0	21.18	21.23	21.22	21.19	21.00			
10	64QAM	1	0	21.15	21.05	21.16	21.13	21.05			
10	64QAM	1	25	21.23	21.10	21.14	21.08	21.10			
10	64QAM	1	49	21.04	20.97	21.14	21.11	20.83	23	1	
10	64QAM	25	0	20.11	20.19	20.21	20.16	20.08			
10	64QAM	25	12	20.23	20.25	20.24	20.16	20.04			
10	64QAM	25	25	20.22	20.18	20.24	20.24	20.06			
10	64QAM	50	0	20.23	20.22	20.34	20.25	20.01	22	2	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.07	22.17	22.37	22.11	22.15	24.00	0	
5	QPSK	1	12	22.10	22.19	22.17	22.06	22.01			
5	QPSK	1	24	22.03	22.11	22.23	22.14	22.00			
5	QPSK	12	0	22.18	22.09	22.26	22.12	22.17			
5	QPSK	12	7	22.21	22.28	22.23	22.27	22.02	24	0	
5	QPSK	12	13	22.26	22.26	22.29	22.14	22.04			
5	QPSK	25	0	22.25	22.19	22.25	22.15	21.98			
5	16QAM	1	0	22.06	22.08	22.28	22.32	22.22			
5	16QAM	1	12	22.25	22.24	22.29	22.15	22.23	24	0	
5	16QAM	1	24	22.12	22.15	22.23	22.08	21.97			
5	16QAM	12	0	21.19	21.13	21.23	21.22	21.15			
5	16QAM	12	7	21.24	21.20	21.28	21.29	21.10			
5	16QAM	12	13	21.26	21.15	21.19	21.16	21.06	23	1	
5	16QAM	25	0	21.17	21.27	21.21	21.17	21.06			
5	64QAM	1	0	21.17	21.08	21.16	21.09	21.03			
5	64QAM	1	12	21.25	21.05	21.20	21.08	21.13			
5	64QAM	1	24	21.14	21.01	21.09	21.19	20.88	23	1	
5	64QAM	12	0	20.15	20.12	20.18	20.15	20.04			
5	64QAM	12	7	20.18	20.28	20.23	20.23	20.12			
5	64QAM	12	13	20.20	20.18	20.19	20.24	20.08			
5	64QAM	25	0	20.19	20.26	20.31	20.18	20.00	22	2	
Channel				39725	40173	40620	41068	41515			

Reduced Power for DSI 4

Band 41_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	22	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.82	20.78	21.01	20.96	20.98	21	1	
20	QPSK	1	49	20.87	20.82	20.91	20.92	20.88			
20	QPSK	1	99	20.73	20.81	20.98	20.96	20.94	21	1	
20	QPSK	50	0	19.83	19.88	19.98	19.92	19.93			
20	QPSK	50	24	19.93	19.96	19.97	19.97	19.93	21	1	
20	QPSK	50	50	19.85	19.94	19.96	19.96	19.94			
20	QPSK	100	0	19.88	19.93	19.96	19.92	19.90	21	1	
20	16QAM	1	0	19.76	19.74	20.00	19.99	19.96			
20	16QAM	1	49	20.06	20.03	20.25	19.93	20.05	21	1	
20	16QAM	1	99	19.86	19.80	20.07	19.92	19.87			
20	16QAM	50	0	18.85	18.86	18.93	18.91	18.94	20	2	
20	16QAM	50	24	18.93	18.97	19.04	18.99	18.92			
20	16QAM	50	50	18.91	18.94	19.00	18.96	18.95	20	2	
20	16QAM	100	0	18.93	18.95	19.00	18.99	18.92			
20	64QAM	1	0	18.70	18.76	18.85	18.88	18.92	20	2	
20	64QAM	1	49	18.85	18.86	19.01	18.86	18.88			
20	64QAM	1	99	18.68	18.67	18.93	18.93	18.84	19	3	
20	64QAM	50	0	17.85	17.87	17.94	17.93	17.95			
20	64QAM	50	24	17.94	17.95	18.01	18.02	17.92	19	3	
20	64QAM	50	50	17.89	17.95	18.00	17.97	17.97			
20	64QAM	100	0	17.92	17.95	17.99	17.96	17.93	22.00	0	
Channel				39725	40173	40620	41068	41515		MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5			
15	QPSK	1	0	20.76	20.72	20.95	20.93	20.91	21	1	
15	QPSK	1	37	20.75	20.71	20.78	20.82	20.82			
15	QPSK	1	74	20.64	20.76	20.95	20.91	20.81	21	1	
15	QPSK	36	0	19.73	19.76	19.87	19.81	19.81			
15	QPSK	36	20	19.86	19.85	19.90	19.87	19.84	21	1	
15	QPSK	36	39	19.76	19.82	19.93	19.94	19.84			
15	QPSK	75	0	19.86	19.87	19.94	19.96	19.86	21	1	
15	16QAM	1	0	19.69	19.71	19.88	19.93	19.92			
15	16QAM	1	37	20.03	20.01	20.16	19.91	19.93	21	1	
15	16QAM	1	74	19.73	19.74	20.05	19.80	19.79			
15	16QAM	36	0	18.74	18.74	18.86	18.83	18.90	20	2	
15	16QAM	36	20	18.82	18.83	18.93	18.95	18.82			
15	16QAM	36	39	18.81	18.85	18.90	18.94	18.93	20	2	
15	16QAM	75	0	18.89	18.88	18.89	18.88	18.88			
15	64QAM	1	0	18.59	18.68	18.77	18.87	18.80	20	2	
15	64QAM	1	37	18.83	18.79	18.99	18.83	18.78			
15	64QAM	1	74	18.65	18.57	18.84	18.81	18.81	19	3	
15	64QAM	36	0	17.76	17.76	17.88	17.80	17.89			
15	64QAM	36	20	17.83	17.82	17.90	17.92	17.84	19	3	
15	64QAM	36	39	17.83	17.86	17.87	17.91	17.90			
15	64QAM	75	0	17.83	17.89	17.93	17.93	17.89	22.00	0	
Channel				39700	40160	40620	41080	41540		MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	20.76	20.76	21.00	20.93	20.95	21	1	
10	QPSK	1	25	20.81	20.76	20.88	20.84	20.79			
10	QPSK	1	49	20.66	20.78	20.95	20.91	20.79	21	1	
10	QPSK	25	0	19.72	19.75	19.90	19.88	19.91			
10	QPSK	25	12	19.86	19.88	19.95	19.95	19.84	21	1	
10	QPSK	25	25	19.72	19.82	19.89	19.84	19.88			
10	QPSK	50	0	19.75	19.84	19.87	19.92	19.87	21	1	
10	16QAM	1	0	19.66	19.61	19.93	19.88	19.96			
10	16QAM	1	25	19.98	19.94	20.12	19.85	19.94	21	1	
10	16QAM	1	49	19.82	19.78	19.96	19.79	19.79			
10	16QAM	25	0	18.76	18.77	18.91	18.84	18.87	20	2	
10	16QAM	25	12	18.82	18.95	18.95	18.94	18.90			
10	16QAM	25	25	18.80	18.83	18.87	18.91	18.85	20	2	
10	16QAM	50	0	18.84	18.85	18.88	18.86	18.89			
10	64QAM	1	0	18.59	18.65	18.82	18.81	18.81	20	2	
10	64QAM	1	25	18.83	18.75	18.94	18.81	18.85			
10	64QAM	1	49	18.59	18.65	18.87	18.86	18.72	19	3	
10	64QAM	25	0	17.80	17.83	17.84	17.80	17.91			
10	64QAM	25	12	17.88	17.88	17.96	17.97	17.87	19	3	
10	64QAM	25	25	17.80	17.86	17.97	17.86	17.88			
10	64QAM	50	0	17.90	17.88	17.95	17.89	17.83	22.00	0	
Channel				39675	40148	40620	41093	41565		MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	20.77	20.72	20.93	20.90	20.92	21	1	
5	QPSK	1	12	20.85	20.73	20.84	20.87	20.81			
5	QPSK	1	24	20.71	20.76	20.87	20.92	20.74	21	1	
5	QPSK	12	0	19.79	19.85	19.92	19.80	19.84			
5	QPSK	12	7	19.83	19.84	19.95	19.86	19.84	21	1	
5	QPSK	12	13	19.72	19.91	19.93	19.87	19.88			
5	QPSK	25	0	19.85	19.80	19.89	19.91	19.88	21	1	
5	16QAM	1	0	19.68	19.70	19.91	19.96	19.88			
5	16QAM	1	12	19.93	19.90	20.16	19.83	20.03	21	1	
5	16QAM	1	24	19.84	19.67	20.02	19.90	19.74			
5	16QAM	12	0	18.81	18.83	18.90	18.79	18.88	20	2	
5	16QAM	12	7	18.94	18.93	18.94	18.97	18.95			
5	16QAM	12	13	18.82	18.86	18.89	18.90	18.92	20	2	
5	16QAM	25	0	18.82	18.82	18.90	18.92	18.88			
5	64QAM	1	0	18.68	18.68	18.81	18.80	18.83	20	2	
5	64QAM	1	12	18.77	18.75	18.98	18.78	18.81			
5	64QAM	1	24	18.66	18.57	18.80	18.82	18.77	19	3	
5	64QAM	12	0	17.74	17.83	17.87	17.83	17.93			
5	64QAM	12	7	17.88	17.89	17.91	17.90	17.81	19	3	
5	64QAM	12	13	17.77	17.83	17.87	17.92	17.87			
5	64QAM	25	0	17.81	17.88	17.89	17.90	17.90	22.00	0	

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	21.70	21.61	21.78	21.56	21.49	23	0	
20	QPSK	1	49	21.62	21.62	21.63	21.46	21.36			
20	QPSK	1	99	21.58	21.56	21.74	21.48	21.47			
20	QPSK	50	0	20.67	20.62	20.76	20.52	20.40	22	1	
20	QPSK	50	24	20.71	20.73	20.67	20.54	20.38			
20	QPSK	50	50	20.71	20.67	20.73	20.54	20.40			
20	QPSK	100	0	20.71	20.68	20.74	20.57	20.37	22	1	
20	16QAM	1	0	20.67	20.69	20.84	20.58	20.47			
20	16QAM	1	49	20.88	21.02	20.81	20.54	20.50			
20	16QAM	1	99	20.65	20.47	20.68	20.48	20.28	21	2	
20	16QAM	50	0	19.67	19.61	19.69	19.52	19.40			
20	16QAM	50	24	19.75	19.69	19.76	19.61	19.37			
20	16QAM	50	50	19.72	19.69	19.73	19.56	19.43	21	2	
20	16QAM	100	0	19.73	19.70	19.75	19.56	19.38			
20	64QAM	1	0	19.66	19.46	19.70	19.59	19.43			
20	64QAM	1	49	19.63	19.56	19.75	19.47	19.30	21	2	
20	64QAM	1	99	19.53	19.51	19.64	19.56	19.27			
20	64QAM	50	0	18.68	18.61	18.68	18.52	18.40			
20	64QAM	50	24	18.73	18.69	18.74	18.61	18.38	20	3	
20	64QAM	50	50	18.69	18.69	18.71	18.54	18.39			
20	64QAM	100	0	18.77	18.69	18.76	18.62	18.38			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	21.65	21.59	21.72	21.49	21.41	23.00	0	
15	QPSK	1	37	21.52	21.52	21.56	21.34	21.24			
15	QPSK	1	74	21.50	21.44	21.61	21.40	21.39			
15	QPSK	36	0	20.62	20.54	20.56	20.46	20.35	22	1	
15	QPSK	36	20	20.68	20.69	20.70	20.57	20.30			
15	QPSK	36	39	20.64	20.63	20.63	20.42	20.27			
15	QPSK	75	0	20.62	20.60	20.64	20.47	20.24	22	1	
15	16QAM	1	0	20.60	20.67	20.80	20.56	20.36			
15	16QAM	1	37	20.79	20.99	20.76	20.51	20.40			
15	16QAM	1	74	20.62	20.36	20.57	20.44	20.16	21	2	
15	16QAM	36	0	19.54	19.48	19.63	19.44	19.37			
15	16QAM	36	20	19.70	19.57	19.73	19.52	19.30			
15	16QAM	36	39	19.59	19.58	19.69	19.53	19.41	21	2	
15	16QAM	75	0	19.70	19.60	19.73	19.47	19.36			
15	16QAM	1	0	19.58	19.39	19.58	19.53	19.34			
15	64QAM	1	37	19.60	19.53	19.67	19.48	19.27	21	2	
15	64QAM	1	74	19.45	19.42	19.56	19.43	19.14			
15	64QAM	36	0	18.66	18.57	18.58	18.41	18.29			
15	64QAM	36	20	18.61	18.59	18.69	18.55	18.27	20	3	
15	64QAM	36	39	18.59	18.63	18.63	18.50	18.32			
15	64QAM	75	0	18.75	18.58	18.64	18.52	18.25			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	21.66	21.55	21.72	21.50	21.46	23.00	0	
10	QPSK	1	25	21.53	21.57	21.50	21.42	21.27			
10	QPSK	1	49	21.49	21.48	21.69	21.46	21.35			
10	QPSK	25	0	20.59	20.49	20.57	20.40	20.33	22	1	
10	QPSK	25	12	20.63	20.63	20.67	20.49	20.30			
10	QPSK	25	25	20.61	20.57	20.69	20.49	20.27			
10	QPSK	50	0	20.66	20.56	20.61	20.54	20.29	22	1	
10	16QAM	1	0	20.64	20.57	20.76	20.46	20.39			
10	16QAM	1	25	20.80	20.90	20.76	20.47	20.48			
10	16QAM	1	49	20.58	20.40	20.60	20.37	20.16	21	2	
10	16QAM	25	0	19.61	19.57	19.59	19.40	19.38			
10	16QAM	25	12	19.73	19.60	19.74	19.59	19.31			
10	16QAM	25	25	19.64	19.63	19.67	19.53	19.35	21	2	
10	16QAM	50	0	19.61	19.60	19.65	19.47	19.26			
10	16QAM	1	0	19.54	19.44	19.65	19.47	19.34			
10	64QAM	1	25	19.58	19.49	19.62	19.34	19.28	21	2	
10	64QAM	1	49	19.42	19.51	19.55	19.43	19.14			
10	64QAM	25	0	18.66	18.59	18.60	18.50	18.30			
10	64QAM	25	12	18.64	18.56	18.61	18.57	18.30	20	3	
10	64QAM	25	25	18.61	18.60	18.69	18.43	18.37			
10	64QAM	50	0	18.67	18.65	18.66	18.56	18.30			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5			
5	QPSK	1	0	21.63	21.58	21.77	21.55	21.44	23.00	0	
5	QPSK	1	12	21.53	21.50	21.56	21.40	21.25			
5	QPSK	1	24	21.45	21.43	21.69	21.40	21.45			
5	QPSK	12	0	20.55	20.53	20.57	20.46	20.32	22	1	
5	QPSK	12	7	20.60	20.59	20.67	20.51	20.31			
5	QPSK	12	13	20.60	20.58	20.66	20.46	20.31			
5	QPSK	25	0	20.64	20.58	20.65	20.48	20.34	22	1	
5	16QAM	1	0	20.65	20.64	20.81	20.53	20.43			
5	16QAM	1	12	20.79	20.92	20.76	20.51	20.40			
5	16QAM	1	24	20.53	20.42	20.57	20.43	20.21	21	2	
5	16QAM	12	0	19.56	19.48	19.56	19.43	19.37			
5	16QAM	12	7	19.63	19.59	19.68	19.56	19.28			
5	16QAM	12	13	19.70	19.63	19.67	19.48	19.41	21	2	
5	16QAM	25	0	19.70	19.66	19.68	19.45	19.34			
5	64QAM	1	0	19.64	19.44	19.62	19.50	19.30			
5	64QAM	1	12	19.57	19.53	19.69	19.39	19.23	21	2	
5	64QAM	1	24	19.49	19.47	19.51	19.49	19.14			
5	64QAM	12	0	18.58	18.55	18.58	18.45	18.30			
5	64QAM	12	7	18.71	18.56	18.70	18.50	18.34	20	3	
5	64QAM	12	13	18.61	18.65	18.58	18.42	18.30			
5	64QAM	25	0	18.74	18.59	18.65	18.53	18.33			

Band 41_Ant 2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MFR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.38	23.40	23.72	23.64	23.70	24.5	0	
20	QPSK	1	49	23.36	23.42	23.63	23.59	23.70			
20	QPSK	1	99	23.31	23.45	23.68	23.61	23.64			
20	QPSK	50	0	22.43	22.46	22.70	22.57	22.65			
20	QPSK	50	24	22.51	22.56	22.68	22.65	22.63	23.5	1	
20	QPSK	50	50	22.46	22.58	22.69	22.64	22.61			
20	QPSK	100	0	22.47	22.54	22.68	22.61	22.65			
20	16QAM	1	0	22.40	22.38	22.65	22.63	22.74			
20	16QAM	1	49	22.55	22.48	22.76	22.65	22.79	23.5	1	
20	16QAM	1	99	22.35	22.32	22.67	22.63	22.62			
20	16QAM	50	0	21.42	21.45	21.72	21.57	21.70			
20	16QAM	50	24	21.52	21.58	21.73	21.68	21.69			
20	16QAM	50	50	21.46	21.54	21.71	21.65	21.71	22.5	2	
20	16QAM	100	0	21.48	21.56	21.71	21.65	21.66			
20	64QAM	1	0	21.37	21.32	21.62	21.49	21.54			
20	64QAM	1	49	21.44	21.36	21.68	21.46	21.71			
20	64QAM	1	99	21.28	21.28	21.65	21.53	21.53	22.5	2	
20	64QAM	50	0	20.42	20.45	20.62	20.57	20.69			
20	64QAM	50	24	20.52	20.57	20.72	20.67	20.69			
20	64QAM	50	50	20.47	20.52	20.70	20.63	20.74			
20	64QAM	100	0	20.50	20.56	20.69	20.64	20.64			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MFR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.32	23.36	23.71	23.60	23.65	24.50	0	
15	QPSK	1	37	23.29	23.37	23.51	23.54	23.67			
15	QPSK	1	74	23.29	23.38	23.55	23.57	23.53			
15	QPSK	36	0	22.38	22.41	22.63	22.46	22.58			
15	QPSK	36	20	22.46	22.45	22.59	22.55	22.59	23.5	1	
15	QPSK	36	39	22.38	22.44	22.67	22.62	22.54			
15	QPSK	75	0	22.45	22.41	22.64	22.52	22.61			
15	16QAM	1	0	22.29	22.27	22.61	22.58	22.67			
15	16QAM	1	37	22.46	22.39	22.72	22.55	22.77	23.5	1	
15	16QAM	1	74	22.23	22.23	22.54	22.36	22.53			
15	16QAM	36	0	21.29	21.37	21.59	21.50	21.66			
15	16QAM	36	20	21.46	21.49	21.67	21.58	21.66			
15	16QAM	36	39	21.33	21.42	21.58	21.58	21.68	22.5	2	
15	16QAM	75	0	21.39	21.49	21.61	21.59	21.61			
15	64QAM	1	0	21.34	21.19	21.54	21.44	21.52			
15	64QAM	1	37	21.37	21.32	21.56	21.36	21.61			
15	64QAM	1	74	21.23	21.20	21.57	21.42	21.50	22.5	2	
15	64QAM	36	0	20.30	20.37	20.54	20.45	20.65			
15	64QAM	36	20	20.50	20.44	20.59	20.64	20.58			
15	64QAM	36	39	20.34	20.30	20.67	20.59	20.68			
15	64QAM	75	0	20.41	20.45	20.60	20.57	20.53	21.5	3	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		MFR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.33	23.34	23.69	23.57	23.64	24.50	0	
10	QPSK	1	25	23.26	23.37	23.52	23.49	23.64			
10	QPSK	1	49	23.29	23.34	23.62	23.55	23.62			
10	QPSK	25	0	22.40	22.41	22.66	22.51	22.59			
10	QPSK	25	12	22.44	22.50	22.63	22.54	22.51	23.5	1	
10	QPSK	25	25	22.35	22.48	22.57	22.60	22.50			
10	QPSK	50	0	22.44	22.47	22.61	22.56	22.62			
10	16QAM	1	0	22.36	22.25	22.61	22.56	22.68			
10	16QAM	1	25	22.49	22.35	22.64	22.53	22.69	23.5	1	
10	16QAM	1	49	22.27	22.27	22.54	22.60	22.57			
10	16QAM	25	0	21.33	21.33	21.67	21.49	21.65			
10	16QAM	25	12	21.43	21.48	21.61	21.61	21.59			
10	16QAM	25	25	21.35	21.46	21.62	21.58	21.59	22.5	2	
10	16QAM	50	0	21.39	21.47	21.59	21.55	21.56			
10	64QAM	1	0	21.27	21.23	21.56	21.40	21.44			
10	64QAM	1	25	21.40	21.27	21.56	21.42	21.59			
10	64QAM	1	49	21.20	21.15	21.56	21.46	21.50	22.5	2	
10	64QAM	25	0	20.29	20.39	20.52	20.53	20.67			
10	64QAM	25	12	20.44	20.48	20.59	20.57	20.59			
10	64QAM	25	25	20.41	20.40	20.66	20.50	20.70			
10	64QAM	50	0	20.41	20.52	20.63	20.51	20.55	21.5	3	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)		MFR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5			
5	QPSK	1	0	23.36	23.38	23.65	23.63	23.63	24.50	0	
5	QPSK	1	12	23.23	23.34	23.51	23.49	23.61			
5	QPSK	1	24	23.27	23.36	23.60	23.49	23.54			
5	QPSK	12	0	22.34	22.34	22.65	22.55	22.57			
5	QPSK	12	7	22.38	22.54	22.63	22.60	22.61	23.5	1	
5	QPSK	12	13	22.44	22.45	22.63	22.55	22.55			
5	QPSK	25	0	22.34	22.49	22.65	22.50	22.58			
5	16QAM	1	0	22.32	22.33	22.56	22.56	22.68			
5	16QAM	1	12	22.53	22.36	22.66	22.62	22.69	23.5	1	
5	16QAM	1	24	22.28	22.25	22.55	22.60	22.50			
5	16QAM	12	0	21.36	21.33	21.62	21.49	21.59			
5	16QAM	12	7	21.48	21.56	21.71	21.62	21.64			
5	16QAM	12	13	21.43	21.52	21.67	21.54	21.60	22.5	2	
5	16QAM	25	0	21.35	21.46	21.63	21.55	21.64			
5	64QAM	1	0	21.26	21.29	21.49	21.40	21.47			
5	64QAM	1	12	21.32	21.29	21.62	21.43	21.68			
5	64QAM	1	24	21.25	21.16	21.52	21.44	21.51	22.5	2	
5	64QAM	12	0	20.35	20.38	20.52	20.49	20.62			
5	64QAM	12	7	20.43	20.45	20.67	20.63	20.61			
5	64QAM	12	13	20.39	20.49	20.67	20.59	20.63			
5	64QAM	25	0	20.38	20.54	20.57	20.57	20.55	21.5	3	

Band 41_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.11	23.11	23.39	23.24	23.25	25	0	
20	QPSK	1	49	23.22	23.22	23.28	23.24	23.10			
20	QPSK	1	99	23.19	23.19	23.33	23.20	23.01			
20	QPSK	50	0	22.22	22.22	22.34	22.23	22.13	24	1	
20	QPSK	50	24	22.33	22.33	22.32	22.29	22.13			
20	QPSK	50	50	22.26	22.28	22.32	22.26	22.12			
20	QPSK	100	0	22.30	22.30	22.33	22.27	22.08	24	1	
20	16QAM	1	0	22.14	22.14	22.32	22.28	22.32			
20	16QAM	1	49	22.26	22.26	22.45	22.41	22.33			
20	16QAM	1	99	22.19	22.19	22.21	22.29	22.04	23	2	
20	16QAM	50	0	21.26	21.26	21.29	21.24	21.16			
20	16QAM	50	24	21.34	21.34	21.35	21.29	21.14			
20	16QAM	50	50	21.28	21.28	21.34	21.29	21.14	23	2	
20	16QAM	100	0	21.29	21.29	21.33	21.28	21.10			
20	64QAM	1	0	21.08	21.08	21.28	21.24	21.20			
20	64QAM	1	49	21.24	21.24	21.36	21.14	21.11	23	2	
20	64QAM	1	99	21.17	21.17	21.13	21.12	20.99			
20	64QAM	50	0	20.26	20.26	20.27	20.22	20.15			
20	64QAM	50	24	20.34	20.34	20.35	20.30	20.12	22	3	
20	64QAM	50	50	20.28	20.28	20.35	20.28	20.13			
20	64QAM	100	0	20.32	20.32	20.35	20.29	20.12			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.05	23.05	23.33	23.16	23.20	25.00	0	
15	QPSK	1	37	23.11	23.16	23.17	23.20	23.00			
15	QPSK	1	74	23.14	23.12	23.27	23.11	22.93			
15	QPSK	36	0	22.17	22.11	22.29	22.10	22.03	24	1	
15	QPSK	36	20	22.24	22.27	22.23	22.23	22.05			
15	QPSK	36	36	22.17	22.22	22.30	22.24	22.04			
15	QPSK	75	0	22.21	22.17	22.20	22.25	22.00	24	1	
15	16QAM	1	0	22.02	22.03	22.24	22.24	22.25			
15	16QAM	1	37	22.15	22.24	22.36	22.33	22.30			
15	16QAM	1	74	22.16	22.28	22.16	22.26	21.95	23	2	
15	16QAM	36	0	21.16	21.22	21.27	21.13	21.13			
15	16QAM	36	20	21.24	21.30	21.28	21.21	21.04			
15	16QAM	36	39	21.15	21.16	21.22	21.21	21.12	23	2	
15	16QAM	75	0	21.24	21.20	21.29	21.15	21.00			
15	64QAM	1	0	21.01	21.06	21.15	21.22	21.13			
15	64QAM	1	37	21.16	21.17	21.33	21.10	20.99	23	2	
15	64QAM	1	74	21.08	21.11	21.07	21.01	20.90			
15	64QAM	36	0	20.14	20.21	20.20	20.11	20.10			
15	64QAM	36	20	20.25	20.32	20.28	20.23	20.05	22	3	
15	64QAM	36	39	20.21	20.25	20.25	20.23	20.07			
15	64QAM	75	0	20.23	20.22	20.31	20.16	20.10			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.06	23.04	23.38	23.21	23.18	25.00	0	
10	QPSK	1	25	23.19	23.19	23.20	23.21	22.99			
10	QPSK	1	49	23.12	23.08	23.25	23.09	22.89			
10	QPSK	25	0	22.19	22.12	22.32	22.16	22.11	24	1	
10	QPSK	25	12	22.22	22.21	22.25	22.22	22.01			
10	QPSK	25	25	22.19	22.19	22.27	22.15	22.08			
10	QPSK	50	0	22.18	22.24	22.30	22.19	21.98	24	1	
10	16QAM	1	0	22.02	22.02	22.22	22.15	22.24			
10	16QAM	1	25	22.15	22.23	22.33	22.35	22.31			
10	16QAM	1	49	22.07	22.14	22.10	22.21	21.92	23	2	
10	16QAM	25	0	21.21	21.20	21.24	21.22	21.04			
10	16QAM	25	12	21.24	21.28	21.33	21.20	21.06			
10	16QAM	25	25	21.24	21.22	21.29	21.27	21.08	23	2	
10	16QAM	50	0	21.18	21.21	21.30	21.21	21.03			
10	64QAM	1	0	20.96	20.97	21.15	21.21	21.16			
10	64QAM	1	25	21.16	21.19	21.33	21.10	21.05	23	2	
10	64QAM	1	49	21.12	21.07	21.07	21.07	20.90			
10	64QAM	25	0	20.21	20.13	20.24	20.17	20.09			
10	64QAM	25	12	20.32	20.24	20.31	20.21	20.03	22	3	
10	64QAM	25	25	20.22	20.24	20.23	20.17	20.09			
10	64QAM	50	0	20.22	20.30	20.27	20.17	20.06			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2667.5			
5	QPSK	1	0	23.06	23.10	23.38	23.19	23.24	25.00	0	
5	QPSK	1	12	23.09	23.15	23.15	23.18	23.01			
5	QPSK	1	24	23.16	23.12	23.27	23.08	22.89			
5	QPSK	12	0	22.13	22.19	22.24	22.20	22.01	24	1	
5	QPSK	12	7	22.24	22.31	22.26	22.18	22.04			
5	QPSK	12	13	22.18	22.20	22.26	22.21	22.01			
5	QPSK	25	0	22.23	22.28	22.23	22.24	22.06	24	1	
5	16QAM	1	0	22.11	22.11	22.23	22.17	22.19			
5	16QAM	1	12	22.17	22.18	22.41	22.36	22.21			
5	16QAM	1	24	22.08	22.12	22.14	22.17	21.94	23	2	
5	16QAM	12	0	21.21	21.19	21.22	21.20	21.13			
5	16QAM	12	7	21.32	21.32	21.22	21.26	21.07			
5	16QAM	12	13	21.19	21.16	21.30	21.27	21.09	23	2	
5	16QAM	25	0	21.23	21.22	21.28	21.16	21.02			
5	64QAM	1	0	20.98	20.95	21.19	21.19	21.16			
5	64QAM	1	12	21.17	21.20	21.23	21.04	21.11	23	2	
5	64QAM	1	24	21.13	21.14	21.04	21.03	20.93			
5	64QAM	12	0	20.15	20.13	20.17	20.20	20.04			
5	64QAM	12	7	20.30	20.24	20.29	20.23	20.07	22	3	
5	64QAM	12	13	20.23	20.25	20.22	20.24	20.04			
5	64QAM	25	0	20.23	20.25	20.25	20.20	20.02			

Reduced Power for DSI 5

Band 41_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	18.72	18.79	19.03	18.96	19.00	20	0	
20	QPSK	1	49	18.76	18.78	18.93	18.92	18.94			
20	QPSK	1	99	18.68	18.70	18.98	18.88	18.95			
20	QPSK	50	0	18.74	18.81	19.01	18.94	18.94			
20	QPSK	50	24	18.87	18.92	19.00	18.92	18.94	20	0	
20	QPSK	50	50	18.83	18.88	18.99	18.97	18.96			
20	QPSK	100	0	18.84	18.90	18.98	18.97	18.92			
20	16QAM	1	0	18.63	18.78	18.90	19.01	18.99			
20	16QAM	1	49	19.01	19.00	19.01	18.95	18.96	20	0	
20	16QAM	1	99	18.70	18.81	18.88	18.92	18.78			
20	16QAM	50	0	18.79	18.84	18.93	18.93	18.95			
20	16QAM	50	24	18.86	18.93	19.02	19.01	18.93			
20	16QAM	50	50	18.83	18.93	18.98	18.99	18.97	20	0	
20	16QAM	100	0	18.85	18.94	18.99	18.99	18.93			
20	64QAM	1	0	18.56	18.70	18.96	18.94	18.95			
20	64QAM	1	49	18.80	18.77	18.82	18.86	18.93			
20	64QAM	1	99	18.65	18.74	18.94	18.87	18.82	20	0	
20	64QAM	50	0	17.77	17.84	17.93	17.93	17.95			
20	64QAM	50	24	17.85	17.95	18.02	18.01	17.93			
20	64QAM	50	50	17.83	17.95	17.96	17.98	17.95			
20	64QAM	100	0	17.84	17.95	17.99	17.97	17.91	19	1	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	18.68	18.75	18.96	18.92	18.95	20.00	0	
15	QPSK	1	37	18.74	18.75	18.90	18.83	18.91			
15	QPSK	1	74	18.59	18.60	18.94	18.86	18.90			
15	QPSK	36	0	18.70	18.69	18.98	18.83	18.90			
15	QPSK	36	20	18.74	18.88	18.92	18.88	18.92	20	0	
15	QPSK	36	39	18.77	18.78	18.92	18.90	18.93			
15	QPSK	75	0	18.74	18.78	18.94	18.93	18.90			
15	16QAM	1	0	18.61	18.69	18.87	18.96	18.87			
15	16QAM	1	37	18.92	18.95	18.98	18.87	18.87	20	0	
15	16QAM	1	74	18.63	18.70	18.84	18.79	18.68			
15	16QAM	36	0	18.67	18.74	18.84	18.89	18.88			
15	16QAM	36	20	18.76	18.82	18.90	18.90	18.91			
15	16QAM	36	39	18.72	18.84	18.85	18.90	18.95	20	0	
15	16QAM	75	0	18.83	18.92	18.92	18.86	18.82			
15	64QAM	1	0	18.48	18.67	18.82	18.82	18.90			
15	64QAM	1	37	18.73	18.65	18.85	18.83	18.91			
15	64QAM	1	74	18.56	18.63	18.85	18.78	18.77	20	0	
15	64QAM	36	0	17.75	17.72	17.83	17.84	17.91			
15	64QAM	36	20	17.73	17.83	17.93	17.90	17.85			
15	64QAM	36	39	17.72	17.84	17.90	17.86	17.91			
15	64QAM	75	0	17.77	17.89	17.93	17.85	17.80	19	1	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	18.66	18.77	18.96	18.94	18.99	20.00	0	
10	QPSK	1	25	18.68	18.71	18.83	18.89	18.84			
10	QPSK	1	49	18.57	18.64	18.92	18.78	18.88			
10	QPSK	25	0	18.66	18.72	18.97	18.91	18.91			
10	QPSK	25	12	18.85	18.79	18.94	18.87	18.94	20	0	
10	QPSK	25	25	18.72	18.82	18.91	18.89	18.91			
10	QPSK	50	0	18.79	18.80	18.88	18.84	18.88			
10	16QAM	1	0	18.55	18.75	18.85	18.99	18.90			
10	16QAM	1	25	18.95	18.92	18.94	18.89	18.92	20	0	
10	16QAM	1	49	18.60	18.74	18.78	18.84	18.68			
10	16QAM	25	0	18.71	18.77	18.82	18.85	18.90			
10	16QAM	25	12	18.79	18.91	18.90	18.86	18.97			
10	16QAM	25	25	18.71	18.85	18.96	18.91	18.94	20	0	
10	16QAM	50	0	18.79	18.85	18.97	18.95	18.86			
10	64QAM	1	0	18.50	18.65	18.93	18.84	18.86			
10	64QAM	1	25	18.67	18.72	18.80	18.76	18.91			
10	64QAM	1	49	18.55	18.69	18.89	18.85	18.79	20	0	
10	64QAM	25	0	17.68	17.73	17.82	17.83	17.92			
10	64QAM	25	12	17.72	17.82	17.92	17.89	17.91			
10	64QAM	25	25	17.73	17.93	17.89	17.91	17.88			
10	64QAM	50	0	17.80	17.82	17.87	17.85	17.86	19	1	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	18.70	18.76	18.96	18.92	18.99	20.00	0	
5	QPSK	1	12	18.65	18.76	18.85	18.82	18.90			
5	QPSK	1	24	18.61	18.59	18.96	18.86	18.87			
5	QPSK	12	0	18.68	18.74	18.91	18.83	18.86			
5	QPSK	12	7	18.83	18.80	18.94	18.80	18.91	20	0	
5	QPSK	12	13	18.70	18.80	18.87	18.90	18.85			
5	QPSK	25	0	18.80	18.82	18.95	18.87	18.87			
5	16QAM	1	0	18.57	18.69	18.77	18.99	18.88			
5	16QAM	1	12	18.90	18.96	18.92	18.82	18.83	20	0	
5	16QAM	1	24	18.64	18.69	18.82	18.88	18.69			
5	16QAM	12	0	18.66	18.72	18.82	18.91	18.82			
5	16QAM	12	7	18.74	18.91	18.92	18.94	18.80			
5	16QAM	12	13	18.79	18.88	18.94	18.94	18.91	20	0	
5	16QAM	25	0	18.81	18.92	18.91	18.90	18.81			
5	64QAM	1	0	18.50	18.60	18.91	18.91	18.86			
5	64QAM	1	12	18.77	18.69	18.76	18.82	18.63			
5	64QAM	1	24	18.53	18.67	18.82	18.80	18.69	20	0	
5	64QAM	12	0	17.72	17.77	17.91	17.90	17.91			
5	64QAM	12	7	17.79	17.90	17.92	17.91	17.85			
5	64QAM	12	13	17.74	17.84	17.85	17.91	17.84			
5	64QAM	25	0	17.72	17.91	17.88	17.85	17.84	19	1	

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40165	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	16.14	16.08	16.26	16.05	15.92	17.5	0	
20	QPSK	1	49	16.11	16.12	16.13	15.95	15.81			
20	QPSK	1	99	15.99	16.10	16.14	15.97	15.81			
20	QPSK	50	0	16.16	16.13	16.24	16.01	15.87			
20	QPSK	50	24	16.23	16.20	16.16	16.10	15.87	17.5	0	
20	QPSK	50	50	16.20	16.21	16.21	16.02	15.90			
20	QPSK	100	0	16.19	16.18	16.23	16.06	15.86			
20	16QAM	1	0	16.10	16.13	16.18	16.04	15.94			
20	16QAM	1	49	16.18	16.15	16.21	16.21	16.15	17.5	0	
20	16QAM	1	99	16.12	16.07	16.15	15.97	15.79			
20	16QAM	50	0	16.19	16.13	16.16	16.03	15.89			
20	16QAM	50	24	16.25	16.20	16.20	16.09	15.89			
20	16QAM	50	50	16.22	16.20	16.19	16.05	15.92	17.5	0	
20	16QAM	100	0	16.21	16.18	16.21	16.07	15.86			
20	64QAM	1	0	16.01	16.10	16.12	16.04	15.87			
20	64QAM	1	49	16.10	16.16	16.08	15.96	15.88			
20	64QAM	1	99	16.00	15.88	16.15	15.79	15.79	17.5	0	
20	64QAM	50	0	16.19	16.11	16.16	16.04	15.92			
20	64QAM	50	24	16.25	16.19	16.23	16.09	15.88			
20	64QAM	50	50	16.20	16.21	16.22	16.03	15.91			
20	64QAM	100	0	16.21	16.16	16.22	16.09	15.87			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	16.06	16.07	16.22	15.96	15.87	17.50	0	
15	QPSK	1	37	15.98	16.09	16.03	15.83	15.71			
15	QPSK	1	74	15.92	16.04	16.08	15.94	15.68			
15	QPSK	36	0	16.12	16.08	16.13	15.99	15.82			
15	QPSK	36	20	16.19	16.15	16.20	15.99	15.76	17.5	0	
15	QPSK	36	39	16.13	16.10	16.19	15.97	15.77			
15	QPSK	75	0	16.17	16.10	16.19	15.95	15.75			
15	16QAM	1	0	16.07	16.01	16.16	15.95	15.90			
15	16QAM	1	37	16.06	16.09	16.18	16.11	16.11	17.5	0	
15	16QAM	1	74	15.99	16.09	16.03	15.87	15.68			
15	16QAM	36	0	16.13	16.10	16.08	15.98	15.84			
15	16QAM	36	20	16.16	16.10	16.07	16.05	15.77			
15	16QAM	36	39	16.18	16.18	16.16	15.92	15.81	17.5	0	
15	16QAM	75	0	16.10	16.05	16.08	15.95	15.80			
15	64QAM	1	0	15.98	16.04	16.05	15.92	15.81			
15	64QAM	1	37	15.99	16.14	15.96	15.92	15.81			
15	64QAM	1	74	15.89	15.81	16.03	15.82	15.74	17.5	0	
15	64QAM	36	0	16.09	15.99	16.12	15.93	15.86			
15	64QAM	36	20	16.16	16.15	16.16	16.06	15.79			
15	64QAM	36	39	16.15	16.17	16.19	16.01	15.86			
15	64QAM	75	0	16.09	16.03	16.19	15.97	15.74			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	16.06	16.00	16.21	15.96	15.89	17.50	0	
10	QPSK	1	25	16.08	16.07	16.02	15.86	15.76			
10	QPSK	1	49	15.95	16.08	16.02	15.92	15.70			
10	QPSK	25	0	16.09	16.07	16.07	15.88	15.81			
10	QPSK	25	12	16.20	16.15	16.19	16.07	15.76	17.5	0	
10	QPSK	25	25	16.15	16.18	16.08	15.94	15.80			
10	QPSK	50	0	16.08	16.06	16.10	16.03	15.77			
10	16QAM	1	0	16.03	16.05	16.15	15.91	15.92			
10	16QAM	1	25	16.06	16.11	16.11	16.12	16.10	17.5	0	
10	16QAM	1	49	16.07	15.95	16.12	15.88	15.75			
10	16QAM	25	0	16.13	16.02	16.07	15.93	15.87			
10	16QAM	25	12	16.12	16.16	16.18	15.96	15.86			
10	16QAM	25	25	16.09	16.18	16.12	15.96	15.87	17.5	0	
10	16QAM	50	0	16.10	15.97	16.16	16.05	15.77			
10	64QAM	1	0	15.92	15.97	16.03	15.92	15.84			
10	64QAM	1	25	16.06	16.16	16.08	15.96	15.76			
10	64QAM	1	49	15.94	15.84	16.12	15.84	15.67	17.5	0	
10	64QAM	25	0	16.08	15.99	16.13	15.94	15.82			
10	64QAM	25	12	16.12	16.06	16.18	16.02	15.84			
10	64QAM	25	25	16.10	16.14	16.19	15.96	15.79			
10	64QAM	50	0	16.15	16.12	16.14	16.00	15.85			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5			
5	QPSK	1	0	16.13	16.07	16.23	16.00	15.88	17.50	0	
5	QPSK	1	12	16.01	16.00	16.06	15.89	15.69			
5	QPSK	1	24	15.92	16.07	16.11	15.95	15.75			
5	QPSK	12	0	16.14	16.00	16.06	15.91	15.79			
5	QPSK	12	7	16.16	16.08	16.19	16.06	15.81	17.5	0	
5	QPSK	12	13	16.07	16.19	16.11	15.94	15.82			
5	QPSK	25	0	16.06	16.16	16.16	16.02	15.84			
5	16QAM	1	0	16.01	16.03	16.09	15.97	15.92			
5	16QAM	1	12	16.14	16.09	16.16	16.12	16.12	17.5	0	
5	16QAM	1	24	16.04	15.96	16.02	15.94	15.76			
5	16QAM	12	0	16.14	16.11	16.04	15.93	15.85			
5	16QAM	12	7	16.18	16.15	16.10	16.05	15.78			
5	16QAM	12	13	16.17	16.16	16.07	15.94	15.89	17.5	0	
5	16QAM	25	0	16.12	16.07	16.12	16.03	15.80			
5	64QAM	1	0	15.96	16.05	16.00	15.99	15.78			
5	64QAM	1	12	16.01	16.11	16.06	15.91	15.76			
5	64QAM	1	24	15.92	15.82	16.05	15.82	15.68	17.5	0	
5	64QAM	12	0	16.11	16.00	16.06	15.99	15.90			
5	64QAM	12	7	16.23	16.12	16.18	16.06	15.79			
5	64QAM	12	13	16.16	16.08	16.20	15.92	15.80			
5	64QAM	25	0	16.10	16.06	16.15	15.98	15.84			

Band 41_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.32	22.42	22.70	22.55	22.69	23.5	0
20	QPSK	1	49	22.42	22.47	22.59	22.56	22.63		
20	QPSK	1	99	22.32	22.46	22.65	22.61	22.58		
20	QPSK	50	0	22.39	22.45	22.69	22.55	22.68		
20	QPSK	50	24	22.49	22.56	22.67	22.65	22.66		
20	QPSK	50	50	22.44	22.53	22.68	22.61	22.68	23.5	0
20	QPSK	100	0	22.47	22.55	22.68	22.61	22.64		
20	16QAM	1	0	22.34	22.39	22.67	22.59	22.67		
20	16QAM	1	49	22.60	22.45	22.65	22.35	22.65		
20	16QAM	1	99	22.34	22.44	22.62	22.54	22.67		
20	16QAM	50	0	21.42	21.45	21.63	21.56	21.69	22.5	1
20	16QAM	50	24	21.50	21.54	21.70	21.63	21.67		
20	16QAM	50	50	21.45	21.51	21.68	21.63	21.71		
20	16QAM	100	0	21.48	21.53	21.68	21.63	21.66		
20	64QAM	1	0	21.31	21.31	21.62	21.48	21.66		
20	64QAM	1	49	21.44	21.36	21.64	21.61	21.74	22.5	1
20	64QAM	1	99	21.30	21.34	21.56	21.52	21.65		
20	64QAM	50	0	20.37	20.45	20.63	20.54	20.70		
20	64QAM	50	24	20.51	20.56	20.70	20.64	20.65		
20	64QAM	50	50	20.48	20.52	20.67	20.61	20.71		
20	64QAM	100	0	20.48	20.54	20.69	20.61	20.65	21.5	2
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.26	22.35	22.64	22.48	22.67	23.50	0
15	QPSK	1	37	22.34	22.40	22.52	22.52	22.56		
15	QPSK	1	74	22.30	22.42	22.63	22.54	22.46		
15	QPSK	36	0	22.31	22.43	22.61	22.51	22.63		
15	QPSK	36	20	22.44	22.51	22.59	22.62	22.57		
15	QPSK	36	39	22.32	22.44	22.62	22.59	22.56	23.5	0
15	QPSK	75	0	22.36	22.49	22.55	22.49	22.52		
15	16QAM	1	0	22.28	22.34	22.54	22.51	22.55		
15	16QAM	1	37	22.51	22.33	22.57	22.48	22.61		
15	16QAM	1	74	22.23	22.42	22.56	22.52	22.63		
15	16QAM	36	0	21.31	21.36	21.55	21.49	21.67	22.5	1
15	16QAM	36	20	21.47	21.46	21.57	21.56	21.59		
15	16QAM	36	39	21.35	21.40	21.64	21.59	21.68		
15	16QAM	75	0	21.44	21.40	21.59	21.61	21.62		
15	64QAM	1	0	21.23	21.25	21.51	21.37	21.62		
15	64QAM	1	37	21.31	21.23	21.60	21.52	21.64	22.5	1
15	64QAM	1	74	21.26	21.27	21.44	21.46	21.57		
15	64QAM	36	0	20.25	20.40	20.54	20.41	20.68		
15	64QAM	36	20	20.49	20.52	20.68	20.55	20.54		
15	64QAM	36	39	20.42	20.42	20.59	20.52	20.58		
15	64QAM	75	0	20.40	20.52	20.61	20.49	20.57	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.31	22.37	22.65	22.53	22.64	23.50	0
10	QPSK	1	25	22.36	22.34	22.52	22.47	22.61		
10	QPSK	1	49	22.26	22.42	22.56	22.52	22.47		
10	QPSK	25	0	22.27	22.39	22.58	22.46	22.56		
10	QPSK	25	12	22.39	22.51	22.54	22.60	22.61		
10	QPSK	25	25	22.38	22.51	22.64	22.48	22.55	23.5	0
10	QPSK	50	0	22.38	22.53	22.62	22.48	22.54		
10	16QAM	1	0	22.31	22.37	22.65	22.57	22.60		
10	16QAM	1	25	22.52	22.43	22.56	22.49	22.62		
10	16QAM	1	49	22.30	22.33	22.49	22.43	22.63		
10	16QAM	25	0	21.35	21.42	21.50	21.45	21.56	22.5	1
10	16QAM	25	12	21.37	21.43	21.67	21.57	21.58		
10	16QAM	25	25	21.40	21.48	21.56	21.60	21.63		
10	16QAM	50	0	21.40	21.47	21.63	21.51	21.64		
10	64QAM	1	0	21.20	21.26	21.50	21.40	21.58		
10	64QAM	1	25	21.37	21.34	21.55	21.49	21.63	22.5	1
10	64QAM	1	49	21.17	21.24	21.44	21.49	21.57		
10	64QAM	25	0	20.29	20.41	20.52	20.41	20.57		
10	64QAM	25	12	20.45	20.49	20.61	20.59	20.60		
10	64QAM	25	25	20.45	20.45	20.65	20.55	20.62		
10	64QAM	50	0	20.40	20.43	20.65	20.49	20.62	Tune-up limit (dBm)	MPR (dB)
Channel				39715	40145	40620	41093	41555		
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5		
5	QPSK	1	0	22.29	22.35	22.64	22.47	22.68	23.50	0
5	QPSK	1	12	22.31	22.45	22.47	22.52	22.56		
5	QPSK	1	24	22.30	22.42	22.57	22.57	22.49		
5	QPSK	12	0	22.30	22.33	22.67	22.44	22.63		
5	QPSK	12	7	22.39	22.51	22.57	22.58	22.60		
5	QPSK	12	13	22.37	22.42	22.62	22.59	22.64	23.5	0
5	QPSK	25	0	22.37	22.51	22.55	22.53	22.60		
5	16QAM	1	0	22.27	22.29	22.61	22.52	22.55		
5	16QAM	1	12	22.50	22.39	22.55	22.52	22.61		
5	16QAM	1	24	22.27	22.38	22.52	22.49	22.61		
5	16QAM	12	0	21.37	21.42	21.59	21.46	21.67	22.5	1
5	16QAM	12	7	21.43	21.50	21.64	21.55	21.59		
5	16QAM	12	13	21.42	21.46	21.62	21.60	21.58		
5	16QAM	25	0	21.38	21.40	21.62	21.56	21.54		
5	64QAM	1	0	21.22	21.20	21.57	21.41	21.59		
5	64QAM	1	12	21.38	21.31	21.61	21.49	21.65	22.5	1
5	64QAM	1	24	21.24	21.24	21.54	21.41	21.52		
5	64QAM	12	0	20.32	20.38	20.53	20.52	20.57		
5	64QAM	12	7	20.45	20.45	20.63	20.62	20.56		
5	64QAM	12	13	20.38	20.44	20.57	20.57	20.61		
5	64QAM	25	0	20.40	20.48	20.67	20.49	20.63	21.5	2

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.64	19.63	19.86	19.75	19.72	21.5	0
20	QPSK	1	49	19.69	19.65	19.72	19.70	19.57		
20	QPSK	1	99	19.62	19.56	19.74	19.70	19.50		
20	QPSK	50	0	19.68	19.69	19.83	19.67	19.65		
20	QPSK	50	24	19.79	19.79	19.80	19.77	19.62		
20	QPSK	50	50	19.74	19.75	19.81	19.73	19.62	21.5	0
20	QPSK	100	0	19.75	19.75	19.79	19.75	19.61		
20	16QAM	1	0	19.66	19.77	19.77	19.81	19.70		
20	16QAM	1	49	19.74	19.74	19.85	19.78	19.69		
20	16QAM	1	99	19.70	19.65	19.78	19.74	19.57		
20	16QAM	50	0	19.68	19.73	19.78	19.71	19.68	21.5	0
20	16QAM	50	24	19.79	19.80	19.84	19.79	19.64		
20	16QAM	50	50	19.77	19.76	19.82	19.76	19.65		
20	16QAM	100	0	19.79	19.82	19.84	19.78	19.61		
20	64QAM	1	0	19.56	19.56	19.69	19.73	19.70		
20	64QAM	1	49	19.77	19.74	19.80	19.61	19.61	21.5	0
20	64QAM	1	99	19.64	19.52	19.79	19.63	19.47		
20	64QAM	50	0	19.69	19.71	19.76	19.72	19.66		
20	64QAM	50	24	19.82	19.83	19.84	19.80	19.64		
20	64QAM	50	50	19.77	19.76	19.82	19.75	19.64		
20	64QAM	100	0	19.80	19.81	19.84	19.77	19.60		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.61	19.58	19.81	19.73	19.64	21.50	0
15	QPSK	1	37	19.65	19.61	19.62	19.66	19.46		
15	QPSK	1	74	19.55	19.51	19.62	19.60	19.48		
15	QPSK	36	0	19.66	19.62	19.77	19.54	19.53		
15	QPSK	36	20	19.72	19.69	19.67	19.74	19.56		
15	QPSK	36	39	19.70	19.68	19.69	19.67	19.60	21.5	0
15	QPSK	75	0	19.66	19.64	19.66	19.68	19.51		
15	16QAM	1	0	19.61	19.74	19.70	19.68	19.59		
15	16QAM	1	37	19.68	19.66	19.72	19.67	19.66		
15	16QAM	1	74	19.68	19.57	19.72	19.67	19.46		
15	16QAM	36	0	19.65	19.62	19.76	19.59	19.58	21.5	0
15	16QAM	36	20	19.66	19.73	19.80	19.73	19.55		
15	16QAM	36	39	19.67	19.71	19.77	19.70	19.61		
15	16QAM	75	0	19.68	19.77	19.75	19.65	19.52		
15	64QAM	1	0	19.46	19.43	19.58	19.71	19.63		
15	64QAM	1	37	19.70	19.63	19.75	19.52	19.49	21.5	0
15	64QAM	1	74	19.52	19.47	19.68	19.68	19.45		
15	64QAM	36	0	19.66	19.68	19.76	19.62	19.57		
15	64QAM	36	20	19.76	19.70	19.78	19.70	19.55		
15	64QAM	36	39	19.65	19.71	19.69	19.70	19.60		
15	64QAM	75	0	19.63	19.73	19.76	19.68	19.56		
Channel				39700	40160	40620	41059	41540		
Frequency (MHz)				2501	2547	2593	2637	2682		
10	QPSK	1	0	19.59	19.57	19.78	19.71	19.64	21.50	0
10	QPSK	1	25	19.65	19.60	19.60	19.64	19.49		
10	QPSK	1	49	19.53	19.54	19.62	19.62	19.44		
10	QPSK	25	0	19.56	19.58	19.71	19.57	19.53		
10	QPSK	25	12	19.68	19.71	19.67	19.64	19.52		
10	QPSK	25	25	19.62	19.65	19.71	19.64	19.51	21.5	0
10	QPSK	50	0	19.63	19.62	19.73	19.64	19.49		
10	16QAM	1	0	19.59	19.73	19.65	19.76	19.67		
10	16QAM	1	25	19.62	19.69	19.74	19.66	19.66		
10	16QAM	1	49	19.59	19.58	19.68	19.70	19.49		
10	16QAM	25	0	19.63	19.64	19.73	19.59	19.61	21.5	0
10	16QAM	25	12	19.73	19.76	19.76	19.77	19.56		
10	16QAM	25	25	19.75	19.64	19.69	19.73	19.52		
10	16QAM	50	0	19.68	19.78	19.82	19.74	19.50		
10	64QAM	1	0	19.47	19.54	19.59	19.60	19.65		
10	64QAM	1	25	19.72	19.68	19.67	19.58	19.48	21.5	0
10	64QAM	1	49	19.52	19.43	19.68	19.53	19.37		
10	64QAM	25	0	19.64	19.60	19.71	19.61	19.55		
10	64QAM	25	12	19.79	19.76	19.81	19.68	19.62		
10	64QAM	25	25	19.70	19.71	19.80	19.72	19.59		
10	64QAM	50	0	19.68	19.73	19.79	19.65	19.52		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2499.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.62	19.58	19.79	19.68	19.71	21.50	0
5	QPSK	1	12	19.59	19.62	19.66	19.60	19.54		
5	QPSK	1	24	19.60	19.52	19.72	19.61	19.41		
5	QPSK	12	0	19.56	19.61	19.70	19.64	19.56		
5	QPSK	12	7	19.75	19.76	19.69	19.75	19.51		
5	QPSK	12	13	19.61	19.65	19.78	19.61	19.56	21.5	0
5	QPSK	25	0	19.72	19.62	19.68	19.72	19.51		
5	16QAM	1	0	19.63	19.70	19.73	19.78	19.62		
5	16QAM	1	12	19.62	19.71	19.78	19.65	19.63		
5	16QAM	1	24	19.64	19.59	19.76	19.69	19.55		
5	16QAM	12	0	19.62	19.66	19.73	19.62	19.55	21.5	0
5	16QAM	12	7	19.72	19.70	19.80	19.66	19.60		
5	16QAM	12	13	19.74	19.72	19.76	19.71	19.63		
5	16QAM	25	0	19.68	19.71	19.79	19.72	19.55		
5	64QAM	1	0	19.46	19.45	19.57	19.60	19.66		
5	64QAM	1	12	19.67	19.57	19.72	19.56	19.46	21.5	0
5	64QAM	1	24	19.61	19.40	19.77	19.52	19.35		
5	64QAM	12	0	19.59	19.66	19.72	19.61	19.58		
5	64QAM	12	7	19.72	19.74	19.80	19.76	19.59		
5	64QAM	12	13	19.65	19.67	19.77	19.66	19.58		
5	64QAM	25	0	19.73	19.76	19.72	19.70	19.49		

Full Power Mode for 5GNR



Reduced Power for DSI 1

Par27Q n77_Ant 4									
RF DfHz	Modulation	RF Slew	RF Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up Ind. (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.80	15.80	15.80		21.0	0.0
100	P12 BPSK	1	157	15.81	15.81	15.81			
100	P12 BPSK	1	271	15.82	15.82	15.82		21.0	0.0
100	P12 BPSK	155	5	15.87	15.87	15.87		21.0	0.0
100	P12 BPSK	155	85	15.87	15.87	15.87		21.0	0.0
100	P12 BPSK	155	138	15.82	15.82	15.82		21.0	0.0
100	P12 BPSK	270	5	15.80	15.80	15.80			
100	QPSK	1	1	15.82	15.82	15.82		21.0	0.0
100	QPSK	1	157	15.73	15.73	15.73			
100	QPSK	1	271	15.87	15.87	15.87			
100	QPSK	155	5	15.80	15.80	15.80		21.0	0.0
100	QPSK	155	85	15.80	15.80	15.80		21.0	0.0
100	QPSK	155	138	15.82	15.82	15.82		21.0	0.0
100	QPSK	270	5	15.87	15.87	15.87		21.0	0.0
100	16QAM	1	1	15.82	15.82	15.82		21.0	0.0
100	16QAM	1	1	15.80	15.80	15.80		21.0	0.0
Channel									
Frequency (MHz)	63085	63038	63085	Turn-up Ind. (dB)	MFR (dB)				
80	P12 BPSK	1	1	15.80	15.80	15.80	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.81	15.81	15.81		21.0	0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.85	15.85	15.85	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.82	15.81	15.82	21.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.81	15.81	15.81	21.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.80	15.87	15.82	21.0	0.0	

Par27O n77_Ant 4									
RF DfHz	Modulation	RF Slew	RF Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up Ind. (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.80	15.80	15.80		21.0	0.0
100	P12 BPSK	1	181	15.84	15.86	15.83		21.0	0.0
100	P12 BPSK	1	271	15.73	15.76	15.73		21.0	0.0
100	P12 BPSK	155	5	15.75	15.82	15.80		21.0	0.0
100	P12 BPSK	155	85	15.75	15.80	15.74		21.0	0.0
100	P12 BPSK	155	138	15.80	15.87	15.82		21.0	0.0
100	P12 BPSK	270	5	15.80	15.71	15.81		21.0	0.0
100	QPSK	1	1	15.76	15.86	15.80		21.0	0.0
100	QPSK	1	177	15.80	15.75	15.76			
100	QPSK	1	271	15.82	15.73	15.80			
100	QPSK	155	5	15.75	15.84	15.79		21.0	0.0
100	QPSK	155	85	15.71	15.74	15.80		21.0	0.0
100	QPSK	155	138	15.82	15.85	15.80		21.0	0.0
100	QPSK	270	5	15.80	15.75	15.80		21.0	0.0
100	16QAM	1	1	15.75	15.80	15.77		21.0	0.0
100	16QAM	1	1	15.75	15.85	15.82		21.0	0.0
100	256QAM	1	1	15.71	15.75	15.74		21.0	0.0
Channel									
Frequency (MHz)	63038	63085	63085	Turn-up Ind. (dB)	MFR (dB)				
80	P12 BPSK	1	1	15.82	15.85	15.80	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.80	15.82	15.83	21.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	15.84	15.82	15.87	21.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.75	15.80	15.80	21.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.75	15.80	15.80	21.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	15.82	15.80	15.80	21.0	0.0	

Par27Q n77_Ant 5									
RF DfHz	Modulation	RF Slew	RF Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-on Ind.	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.80	15.80	15.80		18.2	0.0
100	P12 BPSK	1	138	15.73	15.73	15.73		18.2	0.0
100	P12 BPSK	1	271	15.77	15.77	15.77		18.2	0.0
100	P12 BPSK	155	5	15.87	15.87	15.87		18.2	0.0
100	P12 BPSK	155	85	15.82	15.82	15.82		18.2	0.0
100	P12 BPSK	155	138	15.75	15.75	15.75		18.2	0.0
100	P12 BPSK	270	5	15.73	15.73	15.73		18.2	0.0
100	QPSK	1	1	15.50	15.50	15.50		18.2	0.0
100	QPSK	1	177	15.81	15.81	15.81		18.2	0.0
100	QPSK	1	271	15.77	15.77	15.77		18.2	0.0
100	QPSK	155	5	15.68	15.68	15.68		18.2	0.0
100	QPSK	155	85	15.63	15.63	15.63		18.2	0.0
100	QPSK	155	138	15.80	15.80	15.80		18.2	0.0
100	QPSK	270	5	15.77	15.77	15.77		18.2	0.0
100	16QAM	1	1	15.84	15.84	15.84		18.2	0.0
100	16QAM	1	1	15.72	15.72	15.72		18.2	0.0
100	256QAM	1	1	15.67	15.67	15.67		18.2	0.0
Channel									
Frequency (MHz)	63085	63038	63085	Turn-up Ind.	MFR				
80	P12 BPSK	1	1	15.75	15.77	15.80	18.2	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.88	15.75	15.80	18.2	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.77	15.73	15.80	18.2	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.75	15.75	15.80	18.2	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.80	15.76	15.72	18.2	0.0	

Par27O n77_Ant 5									
RF DfHz	Modulation	RF Slew	RF Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up Ind. (dB)	MFR (dB)	
Channel									
Frequency (MHz)				63038	63085	63085			
100	P12 BPSK	1	1	15.82	15.80	15.82		18.2	0.0
100	P12 BPSK	1	181	15.70	15.70	15.70			
100	P12 BPSK	1	271	15.45	15.54	15.59		18.2	0.0
100	P12 BPSK	155	5	15.80	15.81	15.80		18.2	0.0
100	P12 BPSK	155	85	15.82	15.82	15.82		18.2	0.0
100	P12 BPSK	270	5	15.87	15.82	15.81		18.2	0.0
100	QPSK	1	1	15.37	15.39	15.39		18.2	0.0
100	QPSK	1	177	15.80	15.80	15.80			
100	QPSK	1	271	15.30	15.30	15.30			
100	QPSK	155	5	15.47	15.50	15.50		18.2	0.0
100	QPSK	155	85	15.52	15.50	15.52		18.2	0.0
100	QPSK	270	5	15.80	15.80	15.80		18.2	0.0
100	16QAM	1	1	15.30	15.32	15.31		18.2	0.0
100	16QAM	1	1	15.37	15.40	15.35		18.2	0.0
100	256QAM	1	1	15.32	15.30	15.31		18.2	0.0
Channel									
Frequency (MHz)	63038	63085	63085	Turn-up Ind. (dB)	MFR (dB)				
80	P12 BPSK	1	1	15.30	15.43	15.35	18.2	0.0	
Channel									
Frequency (MHz)				63038	63085	63085			
80	P12 BPSK	1	1	15.30	15.50	15.45	18.2	0.0	
Channel									
Frequency (MHz)				63038	63085	63085			
40	P12 BPSK	1	1	15.45	15.44	15.39	18.2	0.0	
Channel									
Frequency (MHz)				63038	63085	63085			
40	P12 BPSK	1	1	15.29	15.43	15.38	18.2	0.0	
Channel									
Frequency (MHz)				63038	63085	63085			
20	P12 BPSK	1	1	15.33	15.49	15.44	18.2	0.0	

[illegible][illegible]

Par27Q n77_Ant 7									
BM (MHz)	Modulation	QPSK	16 QAM	64 QAM	Power dBm	Ch. Freq. GHz	Power dBm	Ch. Freq. GHz	Power dBm
Frequency (MHz)						19.01			
190	PSK256	1	1	1	19.01	19.01	19.01	19.01	19.01
190	PSK256	1	1	1	19.02	19.02	19.02	19.02	19.02
190	PSK256	1	1	1	19.03	19.03	19.03	19.03	19.03
190	PSK256	1	1	1	19.04	19.04	19.04	19.04	19.04
190	PSK256	1	1	1	19.05	19.05	19.05	19.05	19.05
190	PSK256	1	1	1	19.06	19.06	19.06	19.06	19.06
190	PSK256	1	1	1	19.07	19.07	19.07	19.07	19.07
190	PSK256	1	1	1	19.08	19.08	19.08	19.08	19.08
190	PSK256	1	1	1	19.09	19.09	19.09	19.09	19.09
190	PSK256	1	1	1	19.10	19.10	19.10	19.10	19.10
190	PSK256	1	1	1	19.11	19.11	19.11	19.11	19.11
190	PSK256	1	1	1	19.12	19.12	19.12	19.12	19.12
190	PSK256	1	1	1	19.13	19.13	19.13	19.13	19.13
190	PSK256	1	1	1	19.14	19.14	19.14	19.14	19.14
190	PSK256	1	1	1	19.15	19.15	19.15	19.15	19.15
190	PSK256	1	1	1	19.16	19.16	19.16	19.16	19.16
190	PSK256	1	1	1	19.17	19.17	19.17	19.17	19.17
190	PSK256	1	1	1	19.18	19.18	19.18	19.18	19.18
190	PSK256	1	1	1	19.19	19.19	19.19	19.19	19.19
190	PSK256	1	1	1	19.20	19.20	19.20	19.20	19.20
190	PSK256	1	1	1	19.21	19.21	19.21	19.21	19.21
190	PSK256	1	1	1	19.22	19.22	19.22	19.22	19.22
190	PSK256	1	1	1	19.23	19.23	19.23	19.23	19.23
190	PSK256	1	1	1	19.24	19.24	19.24	19.24	19.24
190	PSK256	1	1	1	19.25	19.25	19.25	19.25	19.25
190	PSK256	1	1	1	19.26	19.26	19.26	19.26	19.26
190	PSK256	1	1	1	19.27	19.27	19.27	19.27	19.27
190	PSK256	1	1	1	19.28	19.28	19.28	19.28	19.28
190	PSK256	1	1	1	19.29	19.29	19.29	19.29	19.29
190	PSK256	1	1	1	19.30	19.30	19.30	19.30	19.30
190	PSK256	1	1	1	19.31	19.31	19.31	19.31	19.31
190	PSK256	1	1	1	19.32	19.32	19.32	19.32	19.32
190	PSK256	1	1	1	19.33	19.33	19.33	19.33	19.33
190	PSK256	1	1	1	19.34	19.34	19.34	19.34	19.34
190	PSK256	1	1	1	19.35	19.35	19.35	19.35	19.35
190	PSK256	1	1	1	19.36	19.36	19.36	19.36	19.36
190	PSK256	1	1	1	19.37	19.37	19.37	19.37	19.37
190	PSK256	1	1	1	19.38	19.38	19.38	19.38	19.38
190	PSK256	1	1	1	19.39	19.39	19.39	19.39	19.39
190	PSK256	1	1	1	19.40	19.40	19.40	19.40	19.40
190	PSK256	1	1	1	19.41	19.41	19.41	19.41	19.41
190	PSK256	1	1	1	19.42	19.42	19.42	19.42	19.42
190	PSK256	1	1	1	19.43	19.43	19.43	19.43	19.43
190	PSK256	1	1	1	19.44	19.44	19.44	19.44	19.44
190	PSK256	1	1	1	19.45	19.45	19.45	19.45	19.45
190	PSK256	1	1	1	19.46	19.46	19.46	19.46	19.46
190	PSK256	1	1	1	19.47	19.47	19.47	19.47	19.47
190	PSK256	1	1	1	19.48	19.48	19.48	19.48	19.48
190	PSK256	1	1	1	19.49	19.49	19.49	19.49	19.49
190	PSK256	1	1	1	19.50	19.50	19.50	19.50	19.50
190	PSK256	1	1	1	19.51	19.51	19.51	19.51	19.51
190	PSK256	1	1	1	19.52	19.52	19.52	19.52	19.52
190	PSK256	1	1	1	19.53	19.53	19.53	19.53	19.53
190	PSK256	1	1	1	19.54	19.54	19.54	19.54	19.54
190	PSK256	1	1	1	19.55	19.55	19.55	19.55	19.55
190	PSK256	1	1	1	19.56	19.56	19.56	19.56	19.56
190	PSK256	1	1	1	19.57	19.57	19.57	19.57	19.57
190	PSK256	1	1	1	19.58	19.58	19.58	19.58	19.58
190	PSK256	1	1	1	19.59	19.59	19.59	19.59	19.59
190	PSK256	1	1	1	19.60	19.60	19.60	19.60	19.60
190	PSK256	1	1	1	19.61	19.61	19.61	19.61	19.61
190	PSK256	1	1	1	19.62	19.62	19.62	19.62	19.62
190	PSK256	1	1	1	19.63	19.63	19.63	19.63	19.63
190	PSK256	1	1	1	19.64	19.64	19.64	19.64	19.64
190	PSK256	1	1	1	19.65	19.65	19.65	19.65	19.65
190	PSK256	1	1	1	19.66	19.66	19.66	19.66	19.66
190	PSK256	1	1	1	19.67	19.67	19.67	19.67	19.67
190	PSK256	1	1	1	19.68	19.68	19.68	19.68	19.68
190	PSK256	1	1	1	19.69	19.69	19.69	19.69	19.69
190	PSK256	1	1	1	19.70	19.70	19.70	19.70	19.70
190	PSK256	1	1	1	19.71	19.71	19.71	19.71	19.71
190	PSK256	1	1	1	19.72	19.72	19.72	19.72	19.72
190	PSK256	1	1	1	19.73	19.73	19.73	19.73	19.73
190	PSK256	1	1	1	19.74	19.74	19.74	19.74	19.74
190	PSK256	1	1	1	19.75	19.75	19.75	19.75	19.75
190	PSK256	1	1	1	19.76	19.76	19.76	19.76	19.76
190	PSK256	1	1	1	19.77	19.77	19.77	19.77	19.77
190	PSK256	1	1	1	19.78	19.78	19.78	19.78	19.78
190	PSK256	1	1	1	19.79	19.79	19.79	19.79	19.79
190	PSK256	1	1	1	19.80	19.80	19.80	19.80	19.80
190	PSK256	1	1	1	19.81	19.81	19.81	19.81	19.81
190	PSK256	1	1	1	19.82	19.82	19.82	19.82	19.82
190	PSK256	1	1	1	19.83	19.83	19.83	19.83	19.83
190	PSK256	1	1	1	19.84	19.84	19.84	19.84	19.84
190	PSK256	1	1	1	19.85	19.85	19.85	19.85	19.85
190	PSK256	1	1	1	19.86	19.86	19.86	19.86	19.86
190	PSK256	1	1	1	19.87	19.87	19.87	19.87	19.87
190	PSK256	1	1	1	19.88	19.88	19.88	19.88	19.88
190	PSK256	1	1	1	19.89	19.89	19.89	19.89	19.89
190	PSK256	1	1	1	19.90	19.90	19.90	19.90	19.90
190	PSK256	1	1	1	19.91	19.91	19.91	19.91	19.91
190	PSK256	1	1	1	19.92	19.92	19.92	19.92	19.92
190	PSK256	1	1	1	19.93	19.93	19.93	19.93	19.93
190	PSK256	1	1	1	19.94	19.94	19.94	19.94	19.94
190	PSK256	1	1	1	19.95	19.95	19.95	19.95	19.95
190	PSK256	1	1	1	19.96	19.96	19.96	19.96	19.96
190	PSK256	1	1	1	19.97	19.97	19.97	19.97	19.97
190	PSK256	1	1	1	19.98	19.98	19.98	19.98	19.98
190	PSK256	1	1	1	19.99	19.99	19.99	19.99	19.99
190	PSK256	1	1	1	20.00	20.00	20.00	20.00	20.00

Par27O n77_Ant 7									
RF (MHz)	Modulation	RF Size	RF Chirp	Power (dBm)	Power (dBm) Chirp	Power (dBm) Chirp	Power (dBm) Chirp	Time to lock (s)	100% lock
Frequency (MHz)									
100	SSB	1	1	16.31	16.31	16.31	16.31		100%
100	SSB	1	1	16.31	16.31	16.31	16.31	200	0.0
100	PB1-BPSK	1	275	16.31	16.31	16.31	16.31		100%
100	PB1-BPSK	1	275	16.31	16.31	16.31	16.31	200	0.0
100	PB1-BPSK	150	50	16.36	16.32	16.40	16.30	200	0.0
100	PB1-BPSK	150	50	16.36	16.32	16.40	16.30	200	0.0
100	PB1-BPSK	250	25	16.35	16.36	16.46	16.30	200	0.0
100	QPSK	1	1	16.46	16.47	16.41	16.41		100%
100	QPSK	1	1	16.46	16.47	16.41	16.41	200	0.0
100	QPSK	1	1	16.46	16.47	16.41	16.41	200	0.0
100	QPSK	1	275	16.17	16.20	16.17	16.17		100%
100	QPSK	1	275	16.17	16.20	16.17	16.17	200	0.0
100	QPSK	150	50	16.37	16.34	16.50	16.30	200	0.0
100	QPSK	150	50	16.37	16.34	16.50	16.30	200	0.0
100	QPSK	150	125	16.21	16.22	16.21	16.21	200	0.0
100	QPSK	150	125	16.23	16.44	16.21	16.21	200	0.0
100	16QAM	1	1	16.34	16.30	16.30	16.30	200	0.0
100	16QAM	1	1	16.34	16.30	16.30	16.30	200	0.0
100	16QAM	1	1	16.34	16.45	16.30	16.30	200	0.0
100	16QAM	1	1	16.34	16.45	16.30	16.30	200	0.0
Channel									
RF	[PB1-BPSK]	1	1	16.27	16.30	16.31	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.27	16.30	16.31	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.30	16.43	16.30	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.30	16.43	16.30	16.20	200	0.0
Frequency (MHz)									
RF	[PB1-BPSK]	1	1	16.26	16.30	16.30	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.26	16.30	16.30	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.31	16.40	16.30	16.20	200	0.0
RF	[PB1-BPSK]	1	1	16.31	16.40	16.30	16.20	200	0.0
Channel									
RF	[PB1-BPSK]	1	1	16.27	16.31	16.30	16.20	200	0.0

Part27Q n78_Ant 4 PC3									
RF (GHz)	Modulation	BS Data	BS Code	Power (dBm) Ch. Freq.	Power (dBm) Ch. Freq.	Power (dBm) Ch. Freq.	Time up slot (ms)	MTR	Notes
Channel									
Frequency (MHz)				158.15		158.15			
100	PSK (BPSK)	1	1	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	2	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	1	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	126	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	272	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	273	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	274	158.15	158.15	158.15	210	0.0	
100	PSK (BPSK)	1	66	158.15	158.15	158.15	2		

Part270 n78_Ant 4 PC3									
SRP (dB)	Modulation	SR Rate	SR Cyclic	Power Pilot Ch./Freq.	Power Data Ch./Freq.	Power Pilot Ch./Freq.	Power Data Ch./Freq.	Time slot (ms)	MFR (Hz)
Frequency (MHz)									
100	FSK (BPSK)	1	1	19.20					
100	FSK (BPSK)	1	1	19.27				21.0	0.0
100	FSK (BPSK)	1	2/3	19.37					
100	FSK (BPSK)	1	2/3	19.47				21.0	0.0
100	FSK (BPSK)	100	0.6	19.56				21.0	0.0
100	FSK (BPSK)	100	1/36	19.61				21.0	0.0
100	FSK (BPSK)	1	1	19.63					
100	FSK (BPSK)	1	2/3	19.74				21.0	0.0
100	FSK (BPSK)	1	2/3	19.74					
100	FSK (BPSK)	100	0.6	19.79				21.0	0.0
100	FSK (BPSK)	100	1/36	19.84				21.0	0.0
100	FSK (BPSK)	1	1	19.84					
100	FSK (BPSK)	1	2/3	19.91				21.0	0.0
100	FSK (BPSK)	1	2/3	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)	1	1	19.91					
100	FSK (BPSK)	1	1	19.91				21.0	0.0
100	FSK (BPSK)								

Part2Q7 n70_Ant 5 PC3							
RF (MHz)	Modulation	SSB Size	RF Ch	Power Tx Ch / Freq	Power Tx Ch / Freq	Power Tx Ch / Freq	Power Tx Ch / Freq
	Frequency (MHz)			0.0000			
100	PFD (SPS)	1	1	0.00			
100	PFD (SPS)	1	2	0.00		17.7	0.0
100	PFD (SPS)	1	273	0.00			
100	PFD (SPS)	1	274	0.00		17.7	0.0
100	PFD (SPS)	100	66	0.00		17.7	0.0
100	PFD (SPS)	120	120	0.00		17.7	0.0
100	PFD (SPS)	120	121	0.00			
100	SPRS	1	1	0.00			
100	SPRS	1	2	0.00		17.7	0.0
100	SPRS	1	273	0.00			
100	SPRS	120	65	0.00		17.7	0.0
100	SPRS	120	120	0.00		17.7	0.0
100	SPRS	273	2	0.00		17.7	0.0
100	SPRS	274	120	0.00		17.7	0.0
100	SPRS	274	121	0.00			
100	SPRS	274	273	0.00		17.7	0.0
100	SPRS	274	274	0.00			
100	SPRS	274	275	0.00		17.7	0.0
100	SPRS	275	273	0.00			
100	SPRS	275	274	0.00		17.7	0.0
100	SPRS	275	275	0.00			
100	SPRS	275	276	0.00		17.7	0.0
100	SPRS	276	275	0.00			
100	SPRS	276	276	0.00		17.7	0.0
100	SPRS	276	277	0.00			
100	SPRS	276	278	0.00		17.7	0.0
100	SPRS	278	276	0.00			
100	SPRS	278	277	0.00		17.7	0.0
100	SPRS	278	278	0.00			
100	SPRS	278	279	0.00		17.7	0.0
100	SPRS	279	278	0.00			
100	SPRS	279	279	0.00		17.7	0.0
100	SPRS	279	280	0.00			
100	SPRS	279	281	0.00		17.7	0.0
100	SPRS	281	279	0.00			
100	SPRS	281	280	0.00		17.7	0.0
100	SPRS	281	281	0.00			
100	SPRS	281	282	0.00		17.7	0.0
100	SPRS	282	281	0.00			
100	SPRS	282	282	0.00		17.7	0.0
100	SPRS	282	283	0.00			
100	SPRS	282	284	0.00		17.7	0.0
100	SPRS	284	282	0.00			
100	SPRS	284	283	0.00		17.7	0.0
100	SPRS	284	284	0.00			
100	SPRS	284	285	0.00		17.7	0.0
100	SPRS	285	284	0.00			
100	SPRS	285	285	0.00		17.7	0.0
100	SPRS	285	286	0.00			
100	SPRS	285	287	0.00		17.7	0.0
100	SPRS	287	285	0.00			
100	SPRS	287	286	0.00		17.7	0.0
100	SPRS	287	287	0.00			
100	SPRS	287	288	0.00		17.7	0.0
100	SPRS	288	287	0.00			
100	SPRS	288	288	0.00		17.7	0.0
100	SPRS	288	289	0.00			
100	SPRS	288	290	0.00		17.7	0.0
100	SPRS	290	288	0.00			
100	SPRS	290	289	0.00		17.7	0.0
100	SPRS	290	290	0.00			
100	SPRS	290	291	0.00		17.7	0.0
100	SPRS	291	290	0.00			
100	SPRS	291	291	0.00		17.7	0.0
100	SPRS	291	292	0.00			
100	SPRS	291	293	0.00		17.7	0.0
100	SPRS	293	291	0.00			
100	SPRS	293	292	0.00		17.7	0.0
100	SPRS	293	293	0.00			
100	SPRS	293	294	0.00		17.7	0.0
100	SPRS	294	293	0.00			
100	SPRS	294	294	0.00		17.7	0.0
100	SPRS	294	295	0.00			
100	SPRS	294	296	0.00		17.7	0.0
100	SPRS	296	294	0.00			
100	SPRS	296	295	0.00		17.7	0.0
100	SPRS	296	296	0.00			
100	SPRS	296	297	0.00		17.7	0.0
100	SPRS	297	296	0.00			
100	SPRS	297	297	0.00		17.7	0.0
100	SPRS	297	298	0.00			
100	SPRS	297	299	0.00		17.7	0.0
100	SPRS	299	297	0.00			
100	SPRS	299	298	0.00		17.7	0.0
100	SPRS	299	299	0.00			
100	SPRS	299	300	0.00		17.7	0.0
100	SPRS	300	299	0.00			
100	SPRS	300	300	0.00		17.7	0.0
100	SPRS	300	301	0.00			
100	SPRS	300	302	0.00		17.7	0.0
100	SPRS	302	300	0.00			
100	SPRS	302	301	0.00		17.7	0.0
100	SPRS	302	302	0.00			
100	SPRS	302	303	0.00		17.7	0.0
100	SPRS	303	302	0.00			
100	SPRS	303	303	0.00		17.7	0.0
100	SPRS	303	304	0.00			
100	SPRS	303	305	0.00		17.7	0.0
100	SPRS	305	303	0.00			
100	SPRS	305	304	0.00		17.7	0.0
100	SPRS	305	305	0.00			
100	SPRS	305	306	0.00		17.7	0.0
100	SPRS	306	305	0.00			
100	SPRS	306	306	0.00		17.7	0.0
100	SPRS	306	307	0.00			
100	SPRS	306	308	0.00		17.7	0.0
100	SPRS	308	306	0.00			
100	SPRS	308	307	0.00		17.7	0.0
100	SPRS	308	308	0.00			
100	SPRS	308	309	0.00		17.7	0.0
100	SPRS	309	308	0.00			
100	SPRS	309	309	0.00		17.7	0.0
100	SPRS	309	310	0.00			
100	SPRS	309	311	0.00		17.7	0.0
100	SPRS	311	309	0.00			
100	SPRS	311	310	0.00		17.7	0.0
100	SPRS	311	311	0.00			
100	SPRS	311	312	0.00		17.7	0.0
100	SPRS	312	311	0.00			
100	SPRS	312	312	0.00		17.7	0.0
100	SPRS	312	313	0.00			
100	SPRS	312	314	0.00		17.7	0.0
100	SPRS	314	312	0.00			
100	SPRS	314	313	0.00		17.7	0.0
100	SPRS	314	314	0.00			
100	SPRS	314	315	0.00		17.7	0.0
100	SPRS	315	314	0.00			
100	SPRS	315	315	0.00		17.7	0.0
100	SPRS	315	316	0.00			
100	SPRS	315	317	0.00		17.7	0.0
100	SPRS	317	315	0.00			
100	SPRS	317	316	0.00		17.7	0.0
100	SPRS	317	317	0.00			
100	SPRS	317	318	0.00		17.7	0.0
100	SPRS	318	317	0.00			
100	SPRS	318	318	0.00		17.7	0.0
100	SPRS	318	319	0.00			
100	SPRS	318	320	0.00		17.7	0.0
100	SPRS	320	318	0.00			
100	SPRS	320	319	0.00		17.7	0.0
100	SPRS	320	320	0.00			
100	SPRS	320	321	0.00		17.7	0.0
100	SPRS	321	320	0.00			
100	SPRS	321	321	0.00		17.7	0.0
100	SPRS	321	322	0.00			
100	SPRS	321	323	0.00		17.7	0.0
100	SPRS	323	321	0.00			
100	SPRS	323	322	0.00		17.7	0.0
100	SPRS	323	323	0.00			
100	SPRS	323	324	0.00		17.7	0.0
100	SPRS	324	323	0.00			
100	SPRS	324	324	0.00		17.7	0.0
100	SPRS	324	325	0.00			
100	SPRS	324	326	0.00		17.7	0.0
100	SPRS	326	324	0.00			
100	SPRS	326	325	0.00		17.7	0.0
100	SPRS	326	326	0.00			
100	SPRS	326	327	0.00		17.7	0.0
100	SPRS	327	326	0.00			
100	SPRS	327	327	0.00		17.7	0.0
100	SPRS	327	328	0.00			
100	SPRS	327	329	0.00		17.7	0.0
100	SPRS	329	327	0.00			
100	SPRS	329	328	0.00		17.7	0.0
100	SPRS	329	329	0.00			
100	SPRS	329	330	0.00		17.7	0.0
100	SPRS	330	329	0.00			
100	SPRS	330	330	0.00		17.7	0.0
100	SPRS	330	331	0.00			
100	SPRS	330	332	0.00		17.7	0.0
100	SPRS	332	330	0.00			
100	SPRS	332	331	0.00		17.7	0.0
100	SPRS	332	332	0.00			
100	SPRS	332	333	0.00		17.7	0.0
100	SPRS	333	332	0.00			
100	SPRS	333	333	0.00		17.7	0.0
100	SPRS	333	334	0.00			
100	SPRS	333	335	0.00		17.7	0.0
100	SPRS	335	333	0.00			
100	SPRS	335	334	0.00		17.7	0.0
100	SPRS	335	335	0.00			
100	SPRS	335	336	0.00		17.7	0.0
100	SPRS	336	335	0.00			
100	SPRS	336	336	0.00		17.7	0.0
100	SPRS	336	337	0.00			
100	SPRS	336	338	0.00		17.7	0.0
100	SPRS	338	336	0.00			
100	SPRS	338	337	0.00		17.7	0.0
100	SPRS	338	338	0.00			
100	SPRS	338	339	0.00		17.7	0.0
100	SPRS	339	338	0.00			
100	SPRS	339	339	0.00		17.7	0.0
100	SPRS	339	340	0.00			
100	SPRS	339	341	0.00		17.7	0.0
100	SPRS	341	339	0.00			
100	SPRS	341	340	0.00		17.7	0.0
100	SPRS	341	341	0.00			
100	SPRS	341	342	0.00		17.7	0.0
100	SPRS	342	341	0.00			
100	SPRS	342	342	0.00		17.7	0.0
100	SPRS	342	343	0.00			
100	SPRS	342	344	0.00		17.7	0.0
1							

Part2T0 n78_Ant 5 PC3								
RF (MHz)	Modulation	SS ID	SS Color	Power Ch. Freq.	Power Ch. Freq.	Power Ch. Freq.	Time up and down	MFR
Frequency (MHz)				1500				
100	[Pilot BPSK]	1	1	15.00	15.04	15.00		MFR
50	[Pilot BPSK]	1	1	15.00	15.04	15.00	17.7	0.0
100	[Pilot BPSK]	1	273	15.30	15.34	15.30		MFR
50	[Pilot BPSK]	1	273	15.30	15.34	15.30	17.7	0.0
100	[Pilot BPSK]	126	66	15.51	15.55	15.51		MFR
50	[Pilot BPSK]	126	126	15.50	15.54	15.50	17.7	0.0
100	[Pilot BPSK]	126	126	15.50	15.54	15.50		MFR
50	[Pilot BPSK]	1	1	15.27	15.31	15.27	17.7	0.0
100	[Pilot BPSK]	1	273	15.51	15.55	15.51		MFR
50	[Pilot BPSK]	126	66	15.38	15.42	15.38		MFR
100	[Pilot BPSK]	126	126	15.33	15.37	15.33		MFR
50	[Pilot BPSK]	126	126	15.40	15.44	15.40	17.7	0.0
100	[Pilot BPSK]	273	66	15.40	15.44	15.40		MFR
50	[Pilot BPSK]	273	273	15.47	15.51	15.47	17.7	0.0
100	[Pilot BPSK]	1	1	15.40	15.43	15.40		MFR
50	[Pilot BPSK]	1	1	15.43	15.47	15.43	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.51	15.54	15.50	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.48	15.54	15.45	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.52	15.54	15.50	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.51	15.54	15.48	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.46	15.54	15.48	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.46	15.50	15.43	17.7	0.0
Channel				000000	000000	000000	Time up and down	MFR
Frequency (MHz)				1500				
50	[Pilot BPSK]	1	1	15.50	15.53	15.49	17.7	0.0

Part27Q n78_Ant 6 PC3							
Ref ID/Ref	Modulation	RF SS	FSS Offset	Power [dBm] [Ch. Freq.]	Power [dBm] [Ch. Freq.]	Power [dBm] [Ch. Freq.]	Notes and Comments
Channel				7460.01			
100	Frequency [MHz]			15.63			
100	RF SS [MHz]	1	1	15.63			
100	RF SS [MHz]	1	137	15.63			16.5 0.0
100	RF SS [MHz]	1	221	15.65			
100	RF SS [MHz]	1	25	15.63			16.5 0.0
100	RF SS [MHz]	136	69	15.63			16.5 0.0
100	RF SS [MHz]	136	136	15.63			16.5 0.0
100	RF SS [MHz]	136	204	15.63			16.5 0.0
100	RF SS [MHz]	136	272	15.63			16.5 0.0
100	RF SS [MHz]	136	340	15.63			16.5 0.0
100	RF SS [MHz]	136	408	15.63			16.5 0.0
100	RF SS [MHz]	136	476	15.63			16.5 0.0
100	RF SS [MHz]	136	544	15.63			16.5 0.0
100	RF SS [MHz]	136	612	15.63			16.5 0.0
100	RF SS [MHz]	136	680	15.63			16.5 0.0
100	RF SS [MHz]	136	748	15.63			16.5 0.0
100	RF SS [MHz]	136	816	15.63			16.5 0.0
100	RF SS [MHz]	136	884	15.63			16.5 0.0
100	RF SS [MHz]	136	952	15.63			16.5 0.0
100	RF SS [MHz]	136	1020	15.63			16.5 0.0
100	RF SS [MHz]	136	1088	15.63			16.5 0.0
100	RF SS [MHz]	136	1156	15.63			16.5 0.0
100	RF SS [MHz]	136	1224	15.63			16.5 0.0
100	RF SS [MHz]	136	1292	15.63			16.5 0.0
100	RF SS [MHz]	136	1360	15.63			16.5 0.0
100	RF SS [MHz]	136	1428	15.63			16.5 0.0
100	RF SS [MHz]	136	1496	15.63			16.5 0.0
100	RF SS [MHz]	136	1564	15.63			16.5 0.0
100	RF SS [MHz]	136	1632	15.63			16.5 0.0
100	RF SS [MHz]	136	1700	15.63			16.5 0.0
100	RF SS [MHz]	136	1768	15.63			16.5 0.0
100	RF SS [MHz]	136	1836	15.63			16.5 0.0
100	RF SS [MHz]	136	1904	15.63			16.5 0.0
100	RF SS [MHz]	136	1972	15.63			16.5 0.0
100	RF SS [MHz]	136	2040	15.63			16.5 0.0
100	RF SS [MHz]	136	2108	15.63			16.5 0.0
100	RF SS [MHz]	136	2176	15.63			16.5 0.0
100	RF SS [MHz]	136	2244	15.63			16.5 0.0
100	RF SS [MHz]	136	2312	15.63			16.5 0.0
100	RF SS [MHz]	136	2380	15.63			16.5 0.0
100	RF SS [MHz]	136	2448	15.63			16.5 0.0
100	RF SS [MHz]	136	2516	15.63			16.5 0.0
100	RF SS [MHz]	136	2584	15.63			16.5 0.0
100	RF SS [MHz]	136	2652	15.63			16.5 0.0
100	RF SS [MHz]	136	2720	15.63			16.5 0.0
100	RF SS [MHz]	136	2788	15.63			16.5 0.0
100	RF SS [MHz]	136	2856	15.63			16.5 0.0
100	RF SS [MHz]	136	2924	15.63			16.5 0.0
100	RF SS [MHz]	136	2992	15.63			16.5 0.0
100	RF SS [MHz]	136	3060	15.63			16.5 0.0
Channel				8000.00			
100	Frequency [MHz]			8000.00			
100	RF SS [MHz]	1	1	15.63			16.5 0.0
100	RF SS [MHz]	1	137	15.63			16.5 0.0
100	RF SS [MHz]	1	221	15.65			
100	RF SS [MHz]	1	25	15.63			16.5 0.0
100	RF SS [MHz]	136	69	15.63			16.5 0.0
100	RF SS [MHz]	136	136	15.63			16.5 0.0
100	RF SS [MHz]	136	204	15.63			16.5 0.0
100	RF SS [MHz]	136	272	15.63			16.5 0.0
100	RF SS [MHz]	136	340	15.63			16.5 0.0
100	RF SS [MHz]	136	408	15.63			16.5 0.0
100	RF SS [MHz]	136	476	15.63			16.5 0.0
100	RF SS [MHz]	136	544	15.63			16.5 0.0
100	RF SS [MHz]	136	612	15.63			16.5 0.0
100	RF SS [MHz]	136	680	15.63			16.5 0.0
100	RF SS [MHz]	136	748	15.63			16.5 0.0
100	RF SS [MHz]	136	816	15.63			16.5 0.0
100	RF SS [MHz]	136	884	15.63			16.5 0.0
100	RF SS [MHz]	136	952	15.63			16.5 0.0
100	RF SS [MHz]	136	1020	15.63			16.5 0.0
100	RF SS [MHz]	136	1088	15.63			16.5 0.0
100	RF SS [MHz]	136	1156	15.63			16.5 0.0
100	RF SS [MHz]	136	1224	15.63			16.5 0.0
100	RF SS [MHz]	136	1292	15.63			16.5 0.0
100	RF SS [MHz]	136	1360	15.63			16.5 0.0
100	RF SS [MHz]	136	1428	15.63			16.5 0.0
100	RF SS [MHz]	136	1496	15.63			16.5 0.0
100	RF SS [MHz]	136	1564	15.63			16.5 0.0
100	RF SS [MHz]	136	1632	15.63			16.5 0.0
100	RF SS [MHz]	136	1700	15.63			16.5 0.0
100	RF SS [MHz]	136	1768	15.63			16.5 0.0
100	RF SS [MHz]	136	1836	15.63			16.5 0.0
100	RF SS [MHz]	136	1904	15.63			16.5 0.0
100	RF SS [MHz]	136	1972	15.63			16.5 0.0
100	RF SS [MHz]	136	2040	15.63			16.5 0.0
100	RF SS [MHz]	136	2108	15.63			16.5 0.0
100	RF SS [MHz]	136	2176	15.63			16.5 0.0
100	RF SS [MHz]	136	2244	15.63			16.5 0.0
100	RF SS [MHz]	136	2312	15.63			16.5 0.0
100	RF SS [MHz]	136	2380	15.63			16.5 0.0
100	RF SS [MHz]	136	2448	15.63			16.5 0.0
100	RF SS [MHz]	136	2516	15.63			16.5 0.0
100	RF SS [MHz]	136	2584	15.63			16.5 0.0
100	RF SS [MHz]	136	2652	15.63			16.5 0.0
100	RF SS [MHz]	136	2720	15.63			16.5 0.0
100	RF SS [MHz]	136	2788	15.63			16.5 0.0
100	RF SS [MHz]	136	2856	15.63			16.5 0.0
100	RF SS [MHz]	136	2924	15.63			16.5 0.0
100	RF SS [MHz]	136	2992	15.63			16.5 0.0
100	RF SS [MHz]	136	3060	15.63			16.5 0.0
Channel				8000.00			
100	Frequency [MHz]			8000.00			
100	RF SS [MHz]	1	1	15.63			16.5 0.0
100	RF SS [MHz]	1	137	15.63			16.5 0.0
100	RF SS [MHz]	1	221	15.65			
100	RF SS [MHz]	1	25	15.63			16.5 0.0
100	RF SS [MHz]	136	69	15.63			16.5 0.0
100	RF SS [MHz]	136	136	15.63			16.5 0.0
100	RF SS [MHz]	136	204	15.63			16.5 0.0
100	RF SS [MHz]	136	272	15.63			16.5 0.0
100	RF SS [MHz]	136	340	15.63			16.5 0.0
100	RF SS [MHz]	136	408	15.63			16.5 0.0
100	RF SS [MHz]	136	476	15.63			16.5 0.0
100	RF SS [MHz]	136	544	15.63			16.5 0.0
100	RF SS [MHz]	136	612	15.63			16.5 0.0
100	RF SS [MHz]	136	680	15.63			16.5 0.0
100	RF SS [MHz]	136	748	15.63			16.5 0.0
100	RF SS [MHz]	136	816	15.63			16.5 0.0
100	RF SS [MHz]	136	884	15.63			16.5 0.0
100	RF SS [MHz]	136	952	15.63			16.5 0.0
100	RF SS [MHz]	136	1020	15.63			16.5 0.0
100	RF SS [MHz]	136	1088	15.63			16.5 0.0
100	RF SS [MHz]	136	1156	15.63			16.5 0.0
100	RF SS [MHz]	136	1224	15.63			16.5 0.0
100	RF SS [MHz]	136	1292	15.63			16.5 0.0
100	RF SS [MHz]	136	1360	15.63			16.5 0.0
100	RF SS [MHz]	136	1428	15.63			16.5 0.0
100	RF SS [MHz]	136	1496	15.63			16.5 0.0
100	RF SS [MHz]	136	1564	15.63			16.5 0.0
100	RF SS [MHz]	136	1632	15.63			16.5 0.0
100	RF SS [MHz]	136	1700	15.63			16.5 0.0
100	RF SS [MHz]	136	1768	15.63			16.5 0.0
100	RF SS [MHz]	136	1836	15.63			16.5 0.0
100	RF SS [MHz]	136	1904	15.63			16.5 0.0
100	RF SS [MHz]	136	1972	15.63			16.5 0.0
100	RF SS [MHz]	136	2040	15.63			16.5 0.0
100	RF SS [MHz]	136	2108	15.63			16.5 0.0
100	RF SS [MHz]	136	2176	15.63			16.5 0.0
100	RF SS [MHz]	136	2244	15.63			16.5 0.0
100	RF SS [MHz]	136	2312	15.63			16.5 0.0
100	RF SS [MHz]	136	2380	15.63			16.5 0.0
100	RF SS [MHz]	136	2448	15.63			16.5 0.0
100	RF SS [MHz]	136	2516	15.63			16.5 0.0
100	RF SS [MHz]	136	2584	15.63			16.5 0.0
100	RF SS [MHz]	136	2652	15.63			16.5 0.0
100	RF SS [MHz]	136	2720	15.63			16.5 0.0
100	RF SS [MHz]	136	2788	15.63			16.5 0.0
100	RF SS [MHz]	136	2856	15.63			16.5 0.0
100	RF SS [MHz]	136	2924	15.63			16.5 0.0
100	RF SS [MHz]	136	2992	15.63			16.5 0.0
100	RF SS [MHz]	136	3060	15.63			16.5 0.0
Channel				8000.00			
100	Frequency [MHz]			8000.00			
100	RF SS [MHz]	1	1	15.63			16.5 0.0
100	RF SS [MHz]	1	137	15.63			16.5 0.0
100	RF SS [MHz]	1	221	15.65			
100	RF SS [MHz]	1	25	15.63			16.5 0.0
100	RF SS [MHz]	136	69	15.63			16.5 0.0
100	RF SS [MHz]	136	136	15.63			16.5 0.0
100	RF SS [MHz]	136	204	15.63			16.5 0.0
100	RF SS [MHz]	136	272	15.63			16.5 0.0
100	RF SS [MHz]	136	340	15.63			16.5 0.0
100	RF SS [MHz]	136	408	15.63			16.5 0.0
100	RF SS [MHz]	136	476	15.63			16.5 0.0
100	RF SS [MHz]	136	544	15.63			16.5 0.0
100	RF SS [MHz]	136	612	15.63			16.5 0.0
100	RF SS [MHz]	136	680	15.63			16.5 0.0
100	RF SS [MHz]	136	748	15.63			16.5 0.0
100	RF SS [MHz]	136	816	15.63			16.5 0.0
100	RF SS [MHz]	136	884	15.63			16.5 0.0
100	RF SS [MHz]	136	952	15.63			16.5 0.0
100	RF SS [MHz]	136	1020	15.63			16.5 0.0
100	RF SS [MHz]	136	1088	15.63			16.5 0.0
100	RF SS [MHz]	136	1156	15.63			16.5 0.0
100	RF SS [MHz]	136	1224	15.63			16.5 0.0
100	RF SS [MHz]	136	1292	15.63			16.5 0.0
100	RF SS [MHz]	136	1360	15.63			16.5 0.0
100	RF SS [MHz]	136	1428	15.63			16.5 0.0
100	RF SS [MHz]	136	1496	15.63			16.5 0.0
100	RF SS [MHz]	136	1564	15.63			16.5 0.0
100	RF SS [MHz]	136	1632	15.63			16.5 0.0
100	RF SS [MHz]	136	1700	15.63			16.5 0.0
100	RF SS [MHz]	136	1768	15.63			16.5 0.0
100	RF SS [MHz]	136	1836	15.63			16.5 0.0
100	RF SS [MHz]	136	1904	15.63			16.5 0.0
100	RF SS [MHz]	136	1972	15.63			16.5 0.0
100	RF SS [MHz]	136	2040	15.63			16.5 0.0
100	RF SS [MHz]	136	2108	15.63			16.5 0.0
100	RF SS [MHz]	136	2176	15.63			16.5 0.0
100	RF SS [MHz]	136	2244	15.63			16.5 0.0
100	RF SS [MHz]	136	2312	15.63			16.5 0.0
100	RF SS [MHz]	136	2380	15.63			16.5 0.0
100	RF SS [MHz]	136	2448	15.63			16.5 0.0
100	RF SS [MHz]	136	2516	15.63			16.5 0.0
100	RF SS [MHz]	136	2584	15.63			16.5 0.0
100</							

Part270 n78_Ant 6 PC3									
Ref ID/Part	Material	Part Size	Ref Order	Power Input Ch. 1/Freq.	Power Input Ch. 2/Freq.	Power Input Ch. 3/Freq.	Output Power Ch. 1/Freq.	Efficiency	Notes
Frequency (MHz)									
100	PCB STRIPCL	Y	1	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	138	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	2	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	221	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	24	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	66	15.43	15.43		16.5	0.0	
100	PCB STRIPCL	Y	136	15.43	15.43		16.5	0.0	</

[illegible]

Part2T0 n78_Ant 7 PC3									
SR [MHz]	Modulation	QAM Size	SR [C/s]	Power [dBm] Ch. 1/Freq.	Power [dBm] Ch. 2/Freq.	Power [dBm] Ch. 3/Freq.	Time-up [ms]	WFE	
Frequency [MHz]									
150	QPSK	1	1	15.50	15.50	15.50	20.0	0.0	
150	QPSK	1	273	15.50	15.50	15.50	20.0	0.0	
150	16QAM	1	273	15.50	15.50	15.50	20.0	0.0	
150	QPSK	128	68	15.50	15.50	15.50	20.0	0.0	
150	QPSK	128	128	15.50	15.50	15.50	20.0	0.0	
150	16QAM	128	68	15.50	15.50	15.50	20.0	0.0	
150	QPSK	1	1	15.50	15.50	15.50	20.0	0.0	
150	QPSK	1	273	15.50	15.50	15.50	20.0	0.0	
150	QPSK	128	68	15.50	15.50	15.50	20.0	0.0	
150	QPSK	128	128	15.50	15.50	15.50	20.0	0.0	
150	16QAM	128	68	15.50	15.50	15.50	20.0	0.0	
150	QPSK	273	68	15.50	15.50	15.50	20.0	0.0	
150	16QAM	273	68	15.50	15.50	15.50	20.0	0.0	
150	QPSK	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
150	QPSK	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	QPSK	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	QPSK	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
80	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
80	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel									
50	16QAM	1	1	15.50	15.50	15.50	Time-up [ms]	WFE	
Frequency [MHz]									
50	16QAM	1	1	15.50	15.50	15.50	20.0	0.0	
Channel</									

Reduced Power for DSI 3

Par27Q n77_Ant 4									
RF [MHz]	Modulation	RF Size	RF Chnl	Power Lvl Ch. / Freq.	Power RMS Ch. / Freq.	Power Tgt Ch. / Freq.	Power Tgt Ch. / Freq.	Time-up Intvl [min]	MPH [dB]
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	18.20	18.20	18.21		200	0.0
100	P12 BPSK	1	1	18.21	18.21	18.22			
100	P12 BPSK	1	201	18.21	18.21	18.22			
100	P12 BPSK	1	202	18.21	18.21	18.22			
100	P12 BPSK	1	203	18.21	18.21	18.22			
100	P12 BPSK	1	204	18.21	18.21	18.22			
100	P12 BPSK	1	205	18.21	18.21	18.22			
100	P12 BPSK	1	206	18.21	18.21	18.22			
100	P12 BPSK	1	207	18.21	18.21	18.22			
100	P12 BPSK	1	208	18.21	18.21	18.22			
100	P12 BPSK	1	209	18.21	18.21	18.22			
100	P12 BPSK	1	210	18.21	18.21	18.22			
100	QPSK	1	1	18.24	18.24	18.24		200	0.0
100	QPSK	1	1	18.25	18.25	18.25			
100	QPSK	1	201	18.25	18.25	18.25			
100	QPSK	1	202	18.25	18.25	18.25			
100	QPSK	1	203	18.25	18.25	18.25			
100	QPSK	1	204	18.25	18.25	18.25			
100	QPSK	1	205	18.25	18.25	18.25			
100	QPSK	1	206	18.25	18.25	18.25			
100	QPSK	1	207	18.25	18.25	18.25			
100	QPSK	1	208	18.25	18.25	18.25			
100	QPSK	1	209	18.25	18.25	18.25			
100	QPSK	1	210	18.25	18.25	18.25			
100	QPSK	1	1	18.27	18.27	18.27		200	0.0
100	QPSK	1	1	18.28	18.28	18.28			
100	QPSK	1	201	18.28	18.28	18.28			
100	QPSK	1	202	18.28	18.28	18.28			
100	QPSK	1	203	18.28	18.28	18.28			
100	QPSK	1	204	18.28	18.28	18.28			
100	QPSK	1	205	18.28	18.28	18.28			
100	QPSK	1	206	18.28	18.28	18.28			
100	QPSK	1	207	18.28	18.28	18.28			
100	QPSK	1	208	18.28	18.28	18.28			
100	QPSK	1	209	18.28	18.28	18.28			
100	QPSK	1	210	18.28	18.28	18.28			
100	QPSK	1	1	18.30	18.30	18.30		200	0.0
100	QPSK	1	1	18.31	18.31	18.31			
100	QPSK	1	201	18.31	18.31	18.31			
100	QPSK	1	202	18.31	18.31	18.31			
100	QPSK	1	203	18.31	18.31	18.31			
100	QPSK	1	204	18.31	18.31	18.31			
100	QPSK	1	205	18.31	18.31	18.31			
100	QPSK	1	206	18.31	18.31	18.31			
100	QPSK	1	207	18.31	18.31	18.31			
100	QPSK	1	208	18.31	18.31	18.31			
100	QPSK	1	209	18.31	18.31	18.31			
100	QPSK	1	210	18.31	18.31	18.31			
100	QPSK	1	1	18.33	18.33	18.33		200	0.0
100	QPSK	1	1	18.34	18.34	18.34			
100	QPSK	1	201	18.34	18.34	18.34			
100	QPSK	1	202	18.34	18.34	18.34			
100	QPSK	1	203	18.34	18.34	18.34			
100	QPSK	1	204	18.34	18.34	18.34			
100	QPSK	1	205	18.34	18.34	18.34			
100	QPSK	1	206	18.34	18.34	18.34			
100	QPSK	1	207	18.34	18.34	18.34			
100	QPSK	1	208	18.34	18.34	18.34			
100	QPSK	1	209	18.34	18.34	18.34			
100	QPSK	1	210	18.34	18.34	18.34			
100	QPSK	1	1	18.36	18.36	18.36		200	0.0
100	QPSK	1	1	18.37	18.37	18.37			
100	QPSK	1	201	18.37	18.37	18.37			
100	QPSK	1	202	18.37	18.37	18.37			
100	QPSK	1	203	18.37	18.37	18.37			
100	QPSK	1	204	18.37	18.37	18.37			
100	QPSK	1	205	18.37	18.37	18.37			
100	QPSK	1	206	18.37	18.37	18.37			
100	QPSK	1	207	18.37	18.37	18.37			
100	QPSK	1	208	18.37	18.37	18.37			
100	QPSK	1	209	18.37	18.37	18.37			
100	QPSK	1	210	18.37	18.37	18.37			
100	QPSK	1	1	18.39	18.39	18.39		200	0.0
100	QPSK	1	1	18.40	18.40	18.40			
100	QPSK	1	201	18.40	18.40	18.40			
100	QPSK	1	202	18.40	18.40	18.40			
100	QPSK	1	203	18.40	18.40	18.40			
100	QPSK	1	204	18.40	18.40	18.40			
100	QPSK	1	205	18.40	18.40	18.40			
100	QPSK	1	206	18.40	18.40	18.40			
100	QPSK	1	207	18.40	18.40	18.40			
100	QPSK	1	208	18.40	18.40	18.40			
100	QPSK	1	209	18.40	18.40	18.40			
100	QPSK	1	210	18.40	18.40	18.40			
100	QPSK	1	1	18.42	18.42	18.42		200	0.0
100	QPSK	1	1	18.43	18.43	18.43			
100	QPSK	1	201	18.43	18.43	18.43			
100	QPSK	1	202	18.43	18.43	18.43			
100	QPSK	1	203	18.43	18.43	18.43			
100	QPSK	1	204	18.43	18.43	18.43			
100	QPSK	1	205	18.43	18.43	18.43			
100	QPSK	1	206	18.43	18.43	18.43			
100	QPSK	1	207	18.43	18.43	18.43			
100	QPSK	1	208	18.43	18.43	18.43			
100	QPSK	1	209	18.43	18.43	18.43			
100	QPSK	1	210	18.43	18.43	18.43			
100	QPSK	1	1	18.45	18.45	18.45		200	0.0
100	QPSK	1	1	18.46	18.46	18.46			
100	QPSK	1	201	18.46	18.46	18.46			
100	QPSK	1	202	18.46	18.46	18.46			
100	QPSK	1	203	18.46	18.46	18.46			
100	QPSK	1	204	18.46	18.46	18.46			
100	QPSK	1	205	18.46	18.46	18.46			
100	QPSK	1	206	18.46	18.46	18.46			
100	QPSK	1	207	18.46	18.46	18.46			
100	QPSK	1	208	18.46	18.46	18.46			
100	QPSK	1	209	18.46	18.46	18.46			
100	QPSK	1	210	18.46	18.46	18.46			
100	QPSK	1	1	18.48	18.48	18.48		200	0.0
100	QPSK	1	1	18.49	18.49	18.49			
100	QPSK	1	201	18.49	18.49	18.49			
100	QPSK	1	202	18.49	18.49	18.49			
100	QPSK	1	203	18.49	18.49	18.49			
100	QPSK	1	204	18.49	18.49	18.49			
100	QPSK	1	205	18.49	18.49	18.49			
100	QPSK	1	206	18.49	18.49	18.49			
100	QPSK	1	207	18.49	18.49	18.49			
100	QPSK	1	208	18.49	18.49	18.49			
100	QPSK	1	209	18.49	18.49	18.49			
100	QPSK	1	210	18.49	18.49	18.49			
100	QPSK	1	1	18.51	18.51	18.51		200	0.0
100	QPSK	1	1	18.52	18.52	18.52			
100	QPSK	1	201	18.52	18.52	18.52			
100	QPSK	1	202	18.52	18.52	18.52			
100	QPSK	1	203	18.52	18.52	18.52			
100	QPSK	1	204	18.52	18.52	18.52			
100	QPSK	1	205	18.52	18.52	18.52			
100	QPSK	1	206	18.52	18.52	18.52			
100	QPSK	1	207	18.52	18.52	18.52			
100	QPSK	1	208	18.52	18.52	18.52			
100	QPSK	1	209	18.52	18.52	18.52			
100	QPSK	1	210	18.52	18.52	18.52			
100	QPSK	1	1	18.54	18.54	18.54		200	0.0
100	QPSK	1	1	18.55	18.55	18.55			
100	QPSK	1	201	18.55	18.55	18.55			
100	QPSK	1	202	18.55	18.55	18.55			
100	QPSK	1	203	18.55	18.55	18.55			
100	QPSK	1	204	18.55	18.55	18.55			
100	QPSK	1	205	18.55	18.55	18.55			
100	QPSK	1	206	18.55	18.55	18.55			
100	QPSK	1	207	18.55	18.55	18.55			
100	QPSK	1	208	18.55	18.55	18.55			
100	QPSK	1	209	18.55	18.55	18.55			
100	QPSK	1	210	18.55	18.55	18.55			
100	QPSK	1	1	18.57	18.57	18.57		200	0.0
100	QPSK	1	1	18.58	18.58	18.58			
100	QPSK	1	201	18.58	18.58	18.58			
100	QPSK	1	202	18.58	18.58	18.58			
100	QPSK	1	203	18.58	18.58	18.58			
100	QPSK	1	204	18.58	18.58	18.58			
100	QPSK	1	205	18.58	18.58	18.58			
100	QPSK	1	206	18.58	18.58	18.58			
100	QPSK	1	207	18.58	18.58	18.58			
100	QPSK	1	208	18.58	18.58	18.58			
100	QPSK	1	209	18.58	18.58	18.58			
100	QPSK	1	210	18.58	18.58	18.58			
100	QPSK	1	1	18.60	18.60	18.60		200	0.0
100	QPSK	1	1	18.61	18.61	18.61			
100	QPSK	1	201	18.61	18.61	18.61			
100	QPSK	1	202	18.61	18.61	18.61			
100	QPSK	1	203	18.61	18.61	18.61			
100	QPSK	1	204	18.61	18.61	18.61			
100	QPSK	1	205	18.61	18.61	18.61			
100	QPSK	1	206	18.61	18.61	18.61			
100	QPSK	1	207	18.61	18.61	18.61			
100	QPSK	1	208	18.61	18.61	18.61			
100	QPSK	1	209	18.61	18.61	18.61			
100	QPSK	1	210	18.61	18.61	18.61			
100	QPSK	1	1	18.63	18.63	18.63		200	0.0
100	QPSK	1	1	18.64	18.64	18.64			
100	QPSK	1	201	18.64	18.64	18.64			
100	QPSK	1	202	18.64	18.64	18.64			
100	QPSK	1	203	18.64	18.64	18.64			
100	QPSK	1	204	18.64	18.64				

Part27Q n78_Ant 4 PC3									
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power H/Low Ch. / Freq.	Power Top Ch. / Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.20					
100	P12 BPSK	1	18	16.21					
100	P12 BPSK	1	271	16.22					
100	P12 BPSK	155	5	16.20					
100	P12 BPSK	155	16	16.21					
100	P12 BPSK	155	138	16.19					
100	P12 BPSK	200	5	16.20					
100	QPSK	1	1	16.22					
100	QPSK	1	137	16.18					
100	QPSK	1	271	16.19					
100	QPSK	155	5	16.20					
100	QPSK	155	16	16.20					
100	QPSK	155	138	16.22					
100	QPSK	270	5	16.21					
100	16QAM	1	1	16.20					
100	16QAM	1	1	16.21					
100	16QAM	1	1	16.21					
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.15	16.15	16.15	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.16	16.16	16.16	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.16	16.16	16.16	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.15	16.15	16.15	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.16	16.16	16.16	21.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	16.16	16.16	16.16	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.17	16.17	16.17	21.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.18	16.18	16.18	21.0	0.0	

Part27O n78_Ant 4 PC3									
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power H/Low Ch. / Freq.	Power Top Ch. / Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.40					
100	P12 BPSK	1	18	16.37			21.0	0.0	
100	P12 BPSK	1	271	16.37					
100	P12 BPSK	155	5	16.34			21.0	0.0	
100	P12 BPSK	155	16	16.36			21.0	0.0	
100	P12 BPSK	155	138	16.31			21.0	0.0	
100	P12 BPSK	200	5	16.35					
100	QPSK	1	1	16.32					
100	QPSK	1	137	16.32			21.0	0.0	
100	QPSK	1	271	16.34					
100	QPSK	155	5	16.36					
100	QPSK	155	16	16.36			21.0	0.0	
100	QPSK	155	138	16.36					
100	QPSK	270	5	16.34			21.0	0.0	
100	16QAM	1	1	16.31			21.0	0.0	
100	16QAM	1	1	16.34			21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.35	16.35	16.35	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.35	16.35	16.35	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.32	16.31	16.31	21.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.32	16.31	16.31	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.32	16.32	16.32	21.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	16.32	16.32	16.32	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.30	16.30	16.30	21.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.30	16.27	16.26	21.0	0.0	

Part27Q n78_Ant 5 PC3									
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power H/Low Ch. / Freq.	Power Top Ch. / Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.45					
100	P12 BPSK	1	18	16.43			17.7	0.0	
100	P12 BPSK	1	271	16.43					
100	P12 BPSK	155	5	16.43			17.7	0.0	
100	P12 BPSK	155	16	16.45			17.7	0.0	
100	P12 BPSK	155	138	16.39			17.7	0.0	
100	P12 BPSK	270	5	16.43					
100	QPSK	1	1	16.32					
100	QPSK	1	137	16.43			17.7	0.0	
100	QPSK	1	271	16.43					
100	QPSK	155	5	16.47					
100	QPSK	155	16	16.45			17.7	0.0	
100	QPSK	155	138	16.38					
100	QPSK	270	5	16.45			17.7	0.0	
100	16QAM	1	1	16.47			17.7	0.0	
100	16QAM	1	1	16.48			17.7	0.0	
100	16QAM	1	1	16.43			17.7	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.35	16.35	16.35	17.7	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.35	16.35	16.35	17.7	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.32	16.32	16.46	17.7	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.35	16.32	16.35	17.7	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.34	16.34	16.31	17.7	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	16.47	16.46	16.43	17.7	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.35	16.35	16.35	17.7	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.47	16.45	16.45	17.7	0.0	

Part27O n78_Ant 5 PC3									
RF (MHz)	Modulation	RF Size	RF Offset	Power Low Ch. / Freq.	Power H/Low Ch. / Freq.	Power Top Ch. / Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.46					
100	P12 BPSK	1	18	16.45			17.7	0.0	
100	P12 BPSK	1	271	16.45					
100	P12 BPSK	155	5	16.46			17.7	0.0	
100	P12 BPSK	155	16	16.47			17.7	0.0	
100	P12 BPSK	155	138	16.40			17.7	0.0	
100	P12 BPSK	270	5	16.46					
100	QPSK	1	1	16.32					
100	QPSK	1	137	16.46			17.7	0.0	
100	QPSK	1	271	16.47					
100	QPSK	155	5	16.50			17.7	0.0	
100	QPSK	155	16	16.51			17.7	0.0	
100	QPSK	155	138	16.52			17.7	0.0	
100	QPSK	270	5	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.0	
100	QPSK	270	138	16.40			17.7	0.0	
100	QPSK	270	16	16.40			17.7	0.	

Part27Q n78_Ant 6 PC3							
Set ID	Modulation	Rate	FE Offset	Power Ch. 1 Ch. 2	Power Ch. 1 Ch. 2	Power Ch. 1 Ch. 2	Notes
Frequency (MHz)							
150	PSK BPSK	1	1	18.00	18.00		
150	PSK BPSK	1	1	18.04	18.04		
150	PSK BPSK	1	1	18.08	18.08	20.0	0.0
150	PSK BPSK	1	1	18.12	18.12		
150	PSK BPSK	1	1	18.16	18.16		
150	PSK BPSK	1	1	18.20	18.20	20.0	0.0
150	PSK BPSK	1	1	18.24	18.24		
150	PSK BPSK	1	1	18.28	18.28	20.0	0.0
150	PSK BPSK	1	1	18.32	18.32		
150	PSK BPSK	1	1	18.36	18.36	20.0	0.0
150	PSK BPSK	1	1	18.40	18.40		
150	PSK BPSK	1	1	18.44	18.44	20.0	0.0
150	PSK BPSK	1	1	18.48	18.48		
150	PSK BPSK	1	1	18.52	18.52	20.0	0.0
150	PSK BPSK	1	1	18.56	18.56		
150	PSK BPSK	1	1	18.60	18.60	20.0	0.0
150	PSK BPSK	1	1	18.64	18.64		
150	PSK BPSK	1	1	18.68	18.68	20.0	0.0
150	PSK BPSK	1	1	18.72	18.72		
150	PSK BPSK	1	1	18.76	18.76	20.0	0.0
150	PSK BPSK	1	1	18.80	18.80		
150	PSK BPSK	1	1	18.84	18.84	20.0	0.0
150	PSK BPSK	1	1	18.88	18.88		
150	PSK BPSK	1	1	18.92	18.92	20.0	0.0
150	PSK BPSK	1	1	18.96	18.96		
150	PSK BPSK	1	1	19.00	19.00	20.0	0.0
150	PSK BPSK	1	1	19.04	19.04		
150	PSK BPSK	1	1	19.08	19.08	20.0	0.0
150	PSK BPSK	1	1	19.12	19.12		
150	PSK BPSK	1	1	19.16	19.16	20.0	0.0
150	PSK BPSK	1	1	19.20	19.20		
150	PSK BPSK	1	1	19.24	19.24	20.0	0.0
150	PSK BPSK	1	1	19.28	19.28		
150	PSK BPSK	1	1	19.32	19.32	20.0	0.0
150	PSK BPSK	1	1	19.36	19.36		
150	PSK BPSK	1	1	19.40	19.40	20.0	0.0
150	PSK BPSK	1	1	19.44	19.44		
150	PSK BPSK	1	1	19.48	19.48	20.0	0.0
150	PSK BPSK	1	1	19.52	19.52		
150	PSK BPSK	1	1	19.56	19.56	20.0	0.0
150	PSK BPSK	1	1	19.60	19.60		
150	PSK BPSK	1	1	19.64	19.64	20.0	0.0
150	PSK BPSK	1	1	19.68	19.68		
150	PSK BPSK	1	1	19.72	19.72	20.0	0.0
150	PSK BPSK	1	1	19.76	19.76		
150	PSK BPSK	1	1	19.80	19.80	20.0	0.0
150	PSK BPSK	1	1	19.84	19.84		
150	PSK BPSK	1	1	19.88	19.88	20.0	0.0
150	PSK BPSK	1	1	19.92	19.92		
150	PSK BPSK	1	1	19.96	19.96	20.0	0.0
150	PSK BPSK	1	1	20.00	20.00		
Channel							
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
150	PSK BPSK	1	1	0.0000	0.0000	0.0000	Notes on edge
1							

Part270 n78_Ant 6 PC3									
Ref ID#	Measurement	Ref Size	Ref Offset	Power MHz Ch. Freq.	Power MHz Ch. Freq.	Power MHz Ch. Freq.	Temperature in °C	WTR	
100	Frequency (MHz)				1900				
	Power (dBm)	1	1		19.00				
	Frequency (MHz)	128	97		19.00		20.0	0.0	
	Power (dBm)	1	221		19.07				
	Frequency (MHz)	128	97		19.07		20.0	0.0	
	Power (dBm)	128	128		19.07				
	Frequency (MHz)	128	128		19.07		20.0	0.0	
	Power (dBm)	1	1		19.05				
	Frequency (MHz)	128	128		19.05				
	Power (dBm)	1	221		19.07		20.0	0.0	
101	Frequency (MHz)				19.04				
	Power (dBm)	128	128		19.04				
	Frequency (MHz)	128	128		19.07		20.0	0.0	
	Power (dBm)	1	221		19.05				
	Frequency (MHz)	128	128		19.07				
	Power (dBm)	1	1		19.05		20.0	0.0	
	Frequency (MHz)	128	128		19.05				
	Power (dBm)	1	1		19.08		20.0	0.0	
	Frequency (MHz)	128	128		19.05				
	Power (dBm)	1	221		19.05		20.0	0.0	
102	Channel			60606	60000	60000	Temperature in °C	WTR	
	Channel			60606	60000	60000	Temperature in °C	WTR	
	Power (dBm)	1	1	19.45	19.00	19.00	20.0	0.0	
	Frequency (MHz)			60604	60000	60000	Temperature in °C	WTR	
	Power (dBm)	1	1	19.45	19.00	19.00	20.0	0.0	
	Frequency (MHz)			19.46	19.00	19.00	20.0	0.0	
	Power (dBm)	1	1	19.46	19.00	19.00	20.0	0.0	
	Channel			60606	60000	60000	Temperature in °C	WTR	
	Channel			60606	60000	60000	Temperature in °C	WTR	
	Power (dBm)	1	1	19.52	19.00	19.00	20.0	0.0	
103	Frequency (MHz)			3765.51	3900	3914.86	20.0	0.0	
	Power (dBm)	1	1	19.49	19.04	19.00	20.0	0.0	
	Frequency (MHz)			3765	3900	3914.86	20.0	0.0	
	Power (dBm)	1	1	19.49	19.00	19.00	20.0	0.0	
	Frequency (MHz)			3765.51	3900	3914.86	20.0	0.0	
	Power (dBm)	1	1	19.49	19.00	19.00	20.0	0.0	
	Frequency (MHz)			3765.51	3900	3914.86	20.0	0.0	
	Power (dBm)	1	1	19.49	19.00	19.00	20.0	0.0	
	Channel			60745	60000	60000	Temperature in °C	WTR	
	Channel			60745	60000	60000	Temperature in °C	WTR	
104	Power (dBm)	1	1	19.44	19.00	19.00	20.0	0.0	
	Frequency (MHz)			19.44	19.00	19.00	20.0	0.0	
	Power (dBm)	1	1	19.44	19.00	19.00	20.0	0.0	
	Frequency (MHz)			19.44	19.00	19.00	20.0	0.0	
	Power (dBm)	1	1	19.44	19.00	19.00	20.0	0.0	

Part2Q7 n78_Ant 7 PC3							
SRP Data	Modulation	SR Data	SR Config	Power Tx Ch. Freq.	Power Tx Ch. Freq.	Power Tx Ch. Freq.	Power Tx Ch. Freq.
Frequency (MHz)				16.44	16.44	16.44	16.44
100	FSK	1	1	16.44	16.44	16.44	16.44
100	FSK	1	2	16.44	16.44	16.44	16.44
100	FSK	1	3	16.44	16.44	16.44	16.44
100	FSK	1	4	16.44	16.44	16.44	16.44
100	FSK	1	5	16.44	16.44	16.44	16.44
100	FSK	1	6	16.44	16.44	16.44	16.44
100	FSK	1	7	16.44	16.44	16.44	16.44
100	FSK	1	8	16.44	16.44	16.44	16.44
100	FSK	1	9	16.44	16.44	16.44	16.44
100	FSK	1	10	16.44	16.44	16.44	16.44
100	FSK	1	11	16.44	16.44	16.44	16.44
100	FSK	1	12	16.44	16.44	16.44	16.44
100	FSK	1	13	16.44	16.44	16.44	16.44
100	FSK	1	14	16.44	16.44	16.44	16.44
100	FSK	1	15	16.44	16.44	16.44	16.44
100	FSK	1	16	16.44	16.44	16.44	16.44
100	FSK	1	17	16.44	16.44	16.44	16.44
100	FSK	1	18	16.44	16.44	16.44	16.44
100	FSK	1	19	16.44	16.44	16.44	16.44
100	FSK	1	20	16.44	16.44	16.44	16.44
100	FSK	1	21	16.44	16.44	16.44	16.44
100	FSK	1	22	16.44	16.44	16.44	16.44
100	FSK	1	23	16.44	16.44	16.44	16.44
100	FSK	1	24	16.44	16.44	16.44	16.44
100	FSK	1	25	16.44	16.44	16.44	16.44
100	FSK	1	26	16.44	16.44	16.44	16.44
100	FSK	1	27	16.44	16.44	16.44	16.44
100	FSK	1	28	16.44	16.44	16.44	16.44
100	FSK	1	29	16.44	16.44	16.44	16.44
100	FSK	1	30	16.44	16.44	16.44	16.44
100	FSK	1	31	16.44	16.44	16.44	16.44
100	FSK	1	32	16.44	16.44	16.44	16.44
100	FSK	1	33	16.44	16.44	16.44	16.44
100	FSK	1	34	16.44	16.44	16.44	16.44
100	FSK	1	35	16.44	16.44	16.44	16.44
100	FSK	1	36	16.44	16.44	16.44	16.44
100	FSK	1	37	16.44	16.44	16.44	16.44
100	FSK	1	38	16.44	16.44	16.44	16.44
100	FSK	1	39	16.44	16.44	16.44	16.44
100	FSK	1	40	16.44	16.44	16.44	16.44
100	FSK	1	41	16.44	16.44	16.44	16.44
100	FSK	1	42	16.44	16.44	16.44	16.44
100	FSK	1	43	16.44	16.44	16.44	16.44
100	FSK	1	44	16.44	16.44	16.44	16.44
100	FSK	1	45	16.44	16.44	16.44	16.44
100	FSK	1	46	16.44	16.44	16.44	16.44
100	FSK	1	47	16.44	16.44	16.44	16.44
100	FSK	1	48	16.44	16.44	16.44	16.44
100	FSK	1	49	16.44	16.44	16.44	16.44
100	FSK	1	50	16.44	16.44	16.44	16.44
100	FSK	1	51	16.44	16.44	16.44	16.44
100	FSK	1	52	16.44	16.44	16.44	16.44
100	FSK	1	53	16.44	16.44	16.44	16.44
100	FSK	1	54	16.44	16.44	16.44	16.44
100	FSK	1	55	16.44	16.44	16.44	16.44
100	FSK	1	56	16.44	16.44	16.44	16.44
100	FSK	1	57	16.44	16.44	16.44	16.44
100	FSK	1	58	16.44	16.44	16.44	16.44
100	FSK	1	59	16.44	16.44	16.44	16.44
100	FSK	1	60	16.44	16.44	16.44	16.44
100	FSK	1	61	16.44	16.44	16.44	16.44
100	FSK	1	62	16.44	16.44	16.44	16.44
100	FSK	1	63	16.44	16.44	16.44	16.44
100	FSK	1	64	16.44	16.44	16.44	16.44
100	FSK	1	65	16.44	16.44	16.44	16.44
100	FSK	1	66	16.44	16.44	16.44	16.44
100	FSK	1	67	16.44	16.44	16.44	16.44
100	FSK	1	68	16.44	16.44	16.44	16.44
100	FSK	1	69	16.44	16.44	16.44	16.44
100	FSK	1	70	16.44	16.44	16.44	16.44
100	FSK	1	71	16.44	16.44	16.44	16.44
100	FSK	1	72	16.44	16.44	16.44	16.44
100	FSK	1	73	16.44	16.44	16.44	16.44
100	FSK	1	74	16.44	16.44	16.44	16.44
100	FSK	1	75	16.44	16.44	16.44	16.44
100	FSK	1	76	16.44	16.44	16.44	16.44
100	FSK	1	77	16.44	16.44	16.44	16.44
100	FSK	1	78	16.44	16.44	16.44	16.44
100	FSK	1	79	16.44	16.44	16.44	16.44
100	FSK	1	80	16.44	16.44	16.44	16.44
100	FSK	1	81	16.44	16.44	16.44	16.44
100	FSK	1	82	16.44	16.44	16.44	16.44
100	FSK	1	83	16.44	16.44	16.44	16.44
100	FSK	1	84	16.44	16.44	16.44	16.44
100	FSK	1	85	16.44	16.44	16.44	16.44
100	FSK	1	86	16.44	16.44	16.44	16.44
100	FSK	1	87	16.44	16.44	16.44	16.44
100	FSK	1	88	16.44	16.44	16.44	16.44
100	FSK	1	89	16.44	16.44	16.44	16.44
100	FSK	1	90	16.44	16.44	16.44	16.44
100	FSK	1	91	16.44	16.44	16.44	16.44
100	FSK	1	92	16.44	16.44	16.44	16.44
100	FSK	1	93	16.44	16.44	16.44	16.44
100	FSK	1	94	16.44	16.44	16.44	16.44
100	FSK	1	95	16.44	16.44	16.44	16.44
100	FSK	1	96	16.44	16.44	16.44	16.44
100	FSK	1	97	16.44	16.44	16.44	16.44
100	FSK	1	98	16.44	16.44	16.44	16.44
100	FSK	1	99	16.44	16.44	16.44	16.44
100	FSK	1	100	16.44	16.44	16.44	16.44
Channel				0.0000	0.0034	0.0000	Time-up (sec)
Frequency (MHz)				16.44	16.44	16.44	16.44
50	FSK	1	1	16.44	16.44	16.44	16.44
50	FSK	1	2	16.44	16.44	16.44	16.44
50	FSK	1	3	16.44	16.44	16.44	16.44
50	FSK	1	4	16.44	16.44	16.44	16.44
50	FSK	1	5	16.44	16.44	16.44	16.44
50	FSK	1	6	16.44	16.44	16.44	16.44
50	FSK	1	7	16.44	16.44	16.44	16.44
50	FSK	1	8	16.44	16.44	16.44	16.44
50	FSK	1	9	16.44	16.44	16.44	16.44
50	FSK	1	10	16.44	16.44	16.44	16.44
50	FSK	1	11	16.44	16.44	16.44	16.44
50	FSK	1	12	16.44	16.44	16.44	16.44
50	FSK	1	13	16.44	16.44	16.44	16.44
50	FSK	1	14	16.44	16.44	16.44	16.44
50	FSK	1	15	16.44	16.44	16.44	16.44
50	FSK	1	16	16.44	16.44	16.44	16.44
50	FSK	1	17	16.44	16.44	16.44	16.44
50	FSK	1	18	16.44	16.44	16.44	16.44
50	FSK	1	19	16.44	16.44	16.44	16.44
50	FSK	1	20	16.44	16.44	16.44	16.44
50	FSK	1	21	16.44	16.44	16.44	16.44
50	FSK	1	22	16.44	16.44	16.44	16.44
50	FSK	1	23	16.44	16.44	16.44	16.44
50	FSK	1	24	16.44	16.44	16.44	16.44
50	FSK	1	25	16.44	16.44	16.44	16.44
50	FSK	1	26	16.44	16.44	16.44	16.44
50	FSK	1	27	16.44	16.44	16.44	16.44
50	FSK	1	28	16.44	16.44	16.44	16.44
50	FSK	1	29	16.44	16.44	16.44	16.44
50	FSK	1	30	16.44	16.44	16.44	16.44
50	FSK	1	31	16.44	16.44	16.44	16.44
50	FSK	1	32	16.44	16.44	16.44	16.44
50	FSK	1	33	16.44	16.44	16.44	16.44
50	FSK	1	34	16.44	16.44	16.44	16.44
50	FSK	1	35	16.44	16.44	16.44	16.44
50	FSK	1	36	16.44	16.44	16.44	16.44
50	FSK	1	37	16.44	16.44	16.44	16.44
50	FSK	1	38	16.44	16.44	16.44	16.44
50	FSK	1	39	16.44	16.44	16.44	16.44
50	FSK	1	40	16.44	16.44	16.44	16.44
50	FSK	1	41	16.44	16.44	16.44	16.44
50	FSK	1	42	16.44	16.44	16.44	16.44
50	FSK	1	43	16.44	16.44	16.44	16.44
50	FSK	1	44	16.44	16.44	16.44	16.44
50	FSK	1	45	16.44	16.44	16.44	16.44
50	FSK	1	46	16.44	16.44	16.44	16.44
50	FSK	1	47	16.44	16.44	16.44	16.44
50	FSK	1	48	16.44	16.44	16.44	16.44
50	FSK	1	49	16.44	16.44	16.44	16.44
50	FSK	1	50	16.44	16.44	16.44	16.44
50	FSK	1	51	16.44	16.44	16.44	16.44
50	FSK	1	52	16.44	16.44	16.44	16.44
50	FSK	1	53	16.44	16.44	16.44	16.44
50	FSK	1	54	16.44	16.44	16.44	16.44
50	FSK	1	55	16.44	16.44	16.44	16.44
50	FSK	1	56	16.44	16.44	16.44	16.44
50	FSK	1	57	16.44	16.44	16.44	16.44
50	FSK	1	58	16.44	16.44	16.44	16.44
50	FSK	1	59	16.44	16.44	16.44	16.44
50	FSK	1	60	16.44	16.44	16.44	16.44
50	FSK	1	61	16.44	16.44	16.44	16.44
50	FSK	1	62	16.44	16.44	16.44	16.44
50	FSK	1	63	16.44	16.44	16.44	16.44
50	FSK	1	64	16.44	16.44	16.44	16.44
50	FSK	1	65	16.44	16.44	16.44	16.44
50	FSK	1	66	16.44	16.44	16.44	16.44
50	FSK	1	67	16.44	16.44	16.44	16.44
50	FSK	1	68	16.44	16.44	16.44	16.44
50	FSK	1	69	16.44	16.44	16.44	16.44
50	FSK	1	70	16			

Part2T0 n78_Ant 7 PC3									
SR [MHz]	Modulation	Channel	SR [C/s]	Power [dBm] Ch. Freq.	Power [dBm] Ch. Freq.	Power [dBm] Ch. Freq.	Time step [ms]	SNR [dB]	SNR [dB]
Frequency (MHz)									
150	PSK (BPSK)	1	1	15.47	15.53	15.53	10.0	0.0	
150	PSK (BPSK)	1	273	15.47	15.53	15.53	10.0	0.0	
150	PSK (BPSK)	1	273	15.47	15.53	15.53	10.0	0.0	
150	PSK (BPSK)	128	68	15.47	15.53	15.53	10.0	0.0	
150	PSK (BPSK)	128	128	15.47	15.53	15.53	10.0	0.0	
150	PSK (BPSK)	128	256	15.47	15.53	15.53	10.0	0.0	
150	QPSK	1	1	15.49	15.51	15.51	10.0	0.0	
150	QPSK	1	273	15.49	15.51	15.51	10.0	0.0	
150	QPSK	128	68	15.49	15.51	15.51	10.0	0.0	
150	QPSK	128	128	15.49	15.51	15.51	10.0	0.0	
150	QPSK	128	256	15.49	15.51	15.51	10.0	0.0	
150	16QAM	273	273	15.49	15.51	15.51	10.0	0.0	
150	16QAM	128	128	15.49	15.51	15.51	10.0	0.0	
150	64QAM	273	273	15.49	15.51	15.51	10.0	0.0	
Channel									
150	Frequency (MHz)	1	1	154880	155120	155120	Time step [ms]	SNR [dB]	SNR [dB]
50	PSK (BPSK)	1	1	15.47	15.54	15.50	10.0	0.0	
50	PSK (BPSK)	1	273	15.4754	15.5056	15.4905	10.0	0.0	
50	PSK (BPSK)	1	273	15.4754	15.5056	15.4905	10.0	0.0	
50	PSK (BPSK)	128	68	15.48	15.58	15.43	10.0	0.0	
50	PSK (BPSK)	128	128	15.4852	15.5352	15.5132	10.0	0.0	
50	PSK (BPSK)	128	256	15.4852	15.5352	15.5132	10.0	0.0	
50	PSK (BPSK)	128	256	15.48	15.54	15.53	10.0	0.0	
50	QPSK	1	1	15.49	15.51	15.50	10.0	0.0	
50	QPSK	1	273	15.4954	15.5056	15.5005	10.0	0.0	
50	QPSK	128	68	15.49	15.59	15.50	10.0	0.0	
50	QPSK	128	128	15.4952	15.5352	15.5152	10.0	0.0	
50	QPSK	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	QPSK	128	256	15.49	15.54	15.53	10.0	0.0	
50	16QAM	273	273	15.4954	15.5056	15.5005	10.0	0.0	
50	16QAM	128	128	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.49	15.54	15.53	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5352	15.5152	10.0	0.0	
50	16QAM	128	256	15.4952	15.5				

Par27Q n77_Ant 6										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	P12-BPSK	1	1	18.25	18.25	18.45				
100	P12-BPSK	1	127	18.45	18.25	18.25	20.0	0.0		
100	P12-BPSK	1	271	18.25	18.25	18.45				
100	P12-BPSK	1	271	18.25	18.25	18.45	20.0	0.0		
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	1	18.25	18.25	18.45				
100	QPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	271	18.25	18.25	18.45				
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	16QAM	1	1	18.25	18.25	18.25	20.0	0.0		
100	16QAM	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.00	18.27	18.29	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.00	18.27	18.29	20.0	0.0		
Channel										
Frequency (MHz)										
40	P12-BPSK	1	1	18.00	18.27	18.29	20.0	0.0		
Channel										
Frequency (MHz)										
40	P12-BPSK	1	1	18.00	18.27	18.29	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.00	18.29	18.30	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.00	18.27	18.29	20.0	0.0		

Par270 n77_Ant 6										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	P12-BPSK	1	1	18.29	18.29	18.45				
100	P12-BPSK	1	127	18.45	18.29	18.25	20.0	0.0		
100	P12-BPSK	1	271	18.29	18.29	18.45				
100	P12-BPSK	135	65	18.25	18.45	18.25	20.0	0.0		
100	P12-BPSK	135	65	18.45	18.25	18.25	20.0	0.0		
100	P12-BPSK	270	0	18.45	18.25	18.25	20.0	0.0		
100	QPSK	1	1	18.29	18.29	18.45				
100	QPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	271	18.45	18.25	18.45				
100	QPSK	135	65	18.25	18.44	18.25	20.0	0.0		
100	QPSK	135	65	18.45	18.24	18.25	20.0	0.0		
100	QPSK	270	0	18.45	18.25	18.45	20.0	0.0		
100	16QAM	1	1	18.44	18.45	18.25	20.0	0.0		
100	16QAM	1	1	18.25	18.27	18.45	20.0	0.0		
100	256QAM	1	1	18.29	18.44	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.25	18.25	18.45	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.45	18.24	18.45	20.0	0.0		
Channel										
Frequency (MHz)										
40	P12-BPSK	1	1	18.25	18.25	18.45	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.45	18.24	18.45	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.45	18.25	18.25	20.0	0.0		

Par27Q n77_Ant 7										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	P12-BPSK	1	1	18.25	18.25	18.25				
100	P12-BPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	1	271	18.25	18.25	18.25				
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	1	18.25	18.25	18.25				
100	QPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	271	18.25	18.25	18.25				
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	16QAM	1	1	18.25	18.25	18.25	20.0	0.0		
100	16QAM	1	1	18.25	18.25	18.25	20.0	0.0		
100	256QAM	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
80	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
40	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30	P12-BPSK	1	1	18.25	18.25	18.25	20.0	0.0		
Channel										
Frequency (MHz)										
30										

Par270 n77_Ant 7										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	P12-BPSK	1	1	18.25	18.25	18.25				
100	P12-BPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	1	271	18.25	18.25	18.25				
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	P12-BPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	1	18.25	18.25	18.25				
100	QPSK	1	127	18.25	18.25	18.25	20.0	0.0		
100	QPSK	1	271	18.25	18.25	18.25				
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	65	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	135	135	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0	18.25	18.25	18.25	20.0	0.0		
100	QPSK	270	0</							

Part27Q n78_Ant 4 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Time-up time (ms)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	25.75	25.75				
100	P12-BPSK	1	127	25.75			25.0	0.0	
100	P12-BPSK	1	271	25.75					
100	P12-BPSK	108	6	25.75			24.5	0.5	
100	P12-BPSK	108	66	25.75			25.0	0.0	
100	P12-BPSK	108	156	25.75			24.5	0.5	
100	P12-BPSK	270	0	25.75					
100	QPSK	1	1	25.75					
100	QPSK	1	127	25.75			25.0	0.0	
100	QPSK	1	271	25.75					
100	QPSK	108	6	25.75					
100	QPSK	108	66	25.75			25.0	0.0	
100	QPSK	108	156	25.75					
100	QPSK	270	0	25.75			24.0	1.0	
100	16QAM	1	1	25.75			24.0	1.0	
100	16QAM	1	1	25.75			23.5	2.5	
100	256QAM	1	1	18.87			20.5	4.5	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	25.18	25.22	25.16	25.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	25.18	25.18	25.18			
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	25.19	25.21	25.19	25.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	25.19	25.19	25.19			
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	25.19	25.21	25.19	25.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	25.19	25.19	25.19			
Channel									
Frequency (MHz)									
120	P12-BPSK	1	1	25.17	25.23	25.18	25.0	0.0	

Part27O n78_Ant 4 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Time-up time (ms)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	25.75	25.75				
100	P12-BPSK	1	127	25.75			25.0	0.0	
100	P12-BPSK	1	271	25.75					
100	P12-BPSK	108	6	25.75			24.5	0.5	
100	P12-BPSK	108	66	25.75			25.0	0.0	
100	P12-BPSK	108	156	25.75			24.5	0.5	
100	P12-BPSK	270	0	25.75					
100	QPSK	1	1	25.75					
100	QPSK	1	127	25.75			25.0	0.0	
100	QPSK	1	271	25.75					
100	QPSK	108	6	25.75					
100	QPSK	108	66	25.75			25.0	0.0	
100	QPSK	108	156	25.75					
100	QPSK	270	0	25.75			24.0	1.0	
100	16QAM	1	1	25.75			24.0	1.0	
100	16QAM	1	1	25.87			23.5	2.5	
100	256QAM	1	1	18.87			20.5	4.5	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	25.18	25.22	25.16	25.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	25.17	25.24	25.16	25.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	25.19	25.21	25.19	25.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	25.19	25.19	25.19			
Channel									
Frequency (MHz)									
120	P12-BPSK	1	1	25.19	25.21	25.19	25.0	0.0	
Channel									
Frequency (MHz)									
120	P12-BPSK	1	1	25.17	25.23	25.18	25.0	0.0	

Part27Q n78_Ant 5 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Time-up time (ms)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	25.65	25.65				
100	P12-BPSK	1	127	25.65			25.7	0.0	
100	P12-BPSK	1	271	25.65					
100	P12-BPSK	108	6	25.65			25.3	0.5	
100	P12-BPSK	108	66	25.65			25.7	0.0	
100	P12-BPSK	108	156	25.65			25.3	0.5	
100	QPSK	1	1	25.59					
100	QPSK	1	127	25.59			25.7	0.0	
100	QPSK	1	271	25.59					
100	QPSK	108	6	25.59					
100	QPSK	108	66	25.59			25.7	0.0	
100	QPSK	108	156	25.59					
100	QPSK	270	0	25.71			24.7	1.0	
100	16QAM	1	1	25.78			24.7	1.0	
100	16QAM	1	1	25.71			23.2	2.5	
100	256QAM	1	1	20.13			21.0	4.5	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	24.46	24.52	24.46	25.7	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	24.52	24.52	24.52			
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	24.52	24.52	24.52	25.7	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	24.50	24.50	24.50	25.7	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	24.47	24.53	24.50	25.7	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	24.50	24.50	24.50	25.7	0.0	
Channel									
Frequency (MHz)									
120	P12-BPSK	1	1	24.56	24.61	24.60	25.7	0.0	
Channel									
Frequency (MHz)									
120	P12-BPSK	1	1	24.54	24.58	24.55	25.7	0.0	

Part27O n78_Ant 5 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Time-up time (ms)	MFR (dB)	
Channel									
Frequency (MHz)				1790					
100	P12-BPSK	1	0	24.56					
100	P12-BPSK	1	127	24.56			25.7	0.0	
100	P12-BPSK	1	271	24.56					
100	P12-BPSK	108	6	24.56			25.3	0.5	
100	P12-BPSK	108	66	24.56			25.7	0.0	
100	P12-BPSK	108	156	24.56			25.3	0.5	
100	QPSK	1	0	24.51					
100	QPSK	1	127	24.51			25.7	0.0	
100	QPSK	1	271	24.51					
100	QPSK	108	6	24.51					
100	QPSK	108	66	24.51			25.7	0.0	
100	QPSK	108	156	24.51					
100	QPSK	270	0	24.52			24.7	1.0	
100	QPSK	270	0	24.47			24.7	1.0	
100	16QAM	1	1	25.22			24.7	1.0	
100	16QAM	1	1	25.22			23.2	2.5	
100	256QAM	1	1	20.25			21.2	4.5	
Channel									
Frequency (MHz)				00995	00000	00020	25.0	2.5	MFR
50	P12-BPSK	1	0	24.42	24.42	24.48			
Channel				00004	00000	00006	Time-up time (ms)	MFR	
Frequency (MHz)				1790	1790	1790			
50	P12-BPSK	1	0	24.41	24.40	24.44	25.7	0.0	
Channel				00000	00000	00002	Time-up time (ms)	MFR	
Frequency (MHz)				1790	1790	1790			
50	P12-BPSK	1	0	24.41	24.41	24.45	25.7	0.0	
Channel				00000	00000	00004	Time-up time (ms)	MFR	
Frequency (MHz)				1790.5	1790.5	1790.5			
50	P12-BPSK	1	0	24.44	24.44	24.46	25.7	0.0	
Channel				00000	00000	00002	Time-up time (ms)	MFR	
Frequency (MHz)				1790	1790	1790			
50	P12-BPSK	1	0	24.46	24.46	24.48	25.7	0.0	
Channel				00000	00000	00002	Time-up time (ms)	MFR	
Frequency (MHz)				1790	1790	1790			
50	P12-BPSK	1	0	24.59	24.59	24.64	25.7	0.0	
Channel				00004	00000	00006	Time-up time (ms)	MFR	
Frequency (MHz)				1790	1790	1790			
25	P12-BPSK	1	0	24.47	24.47	24.57	25.7	0.0	

Part27Q n78_Ant 6 PC3									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Ch / Power	Power Mask Ch / Power Ch / Power	Power High Ch / Power	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	18.50	18.50		20.5	0.0	
100	P12 BPSK	1	127	18.50					
100	P12 BPSK	1	271	18.48					
100	P12 BPSK	135	0	18.50					
100	P12 BPSK	135	66	18.50					
100	P12 BPSK	135	136	18.50			20.5	0.0	
100	P12 BPSK	270	0	18.50					
100	QPSK	1	1	18.50					
100	QPSK	1	127	18.50			20.5	0.0	
100	QPSK	1	271	18.50					
100	QPSK	135	0	18.46			20.5	0.0	
100	QPSK	135	66	18.46					
100	QPSK	135	136	18.50					
100	QPSK	270	0	18.50			20.5	0.0	
100	16QAM	1	1	18.50			20.5	0.0	
100	16QAM	1	1	18.50			20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.36	18.47	18.42	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.48	18.48	18.47	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.36	18.48	18.43	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.36	18.48	18.43	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.40	18.40	18.40	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.40	18.40	18.40	20.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	18.40	18.40	18.40	20.5	0.0	

Part27Q n78_Ant 6 PC3									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Mask Ch / Freq	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	18.50					
100	P12 BPSK	1	127	18.49			20.5	0.0	
100	P12 BPSK	1	271	18.47					
100	P12 BPSK	135	0	18.47			20.5	0.0	
100	P12 BPSK	135	66	18.47			20.5	0.0	
100	P12 BPSK	135	136	18.47			20.5	0.0	
100	P12 BPSK	270	0	18.45					
100	QPSK	1	1	18.45					
100	QPSK	1	127	18.44			20.5	0.0	
100	QPSK	135	0	18.47					
100	QPSK	135	66	18.47			20.5	0.0	
100	QPSK	135	136	18.47					
100	QPSK	270	0	18.43			20.5	0.0	
100	16QAM	1	1	18.43			20.5	0.0	
100	16QAM	1	1	18.38			20.5	0.0	
100	16QAM	1	1	18.41			20.5	0.0	
Channel									
Channel				60666	60666	60666	Time-up time (min)	MFR	
Frequency (MHz)									
50	P12 BPSK	1	1	18.45	18.50	18.46	20.5	0.0	
50	P12 BPSK	1	1	58524	60000	58000	Time-up time (min)	MFR	
50	P12 BPSK	1	1	58524	60000	58000	Time-up time (min)	MFR	
50	P12 BPSK	1	1	18.48	18.51	18.46	20.5	0.0	
50	P12 BPSK	1	1	58498	60000	58102	Time-up time (min)	MFR	
50	P12 BPSK	1	1	58498	60000	58102	Time-up time (min)	MFR	
50	P12 BPSK	1	1	18.52	18.47	18.50	20.5	0.0	
50	P12 BPSK	1	1	58512	59500	58500	Time-up time (min)	MFR	
50	P12 BPSK	1	1	58512	59500	58500	Time-up time (min)	MFR	
Channel									
Channel				71651	71651	71651	Time-up time (min)	MFR	
Frequency (MHz)									
50	P12 BPSK	1	1	18.48	18.56	18.46	20.5	0.0	
50	P12 BPSK	1	1	7255	70000	7255	Time-up time (min)	MFR	
50	P12 BPSK	1	1	7255	70000	7255	Time-up time (min)	MFR	
50	P12 BPSK	1	1	18.48	18.56	18.46	20.5	0.0	
50	P12 BPSK	1	1	7255	70000	7255	Time-up time (min)	MFR	
50	P12 BPSK	1	1	7255	70000	7255	Time-up time (min)	MFR	
50	P12 BPSK	1	1	18.48	18.56	18.47	20.5	0.0	
50	P12 BPSK	1	1	67454	68000	67454	Time-up time (min)	MFR	
50	P12 BPSK	1	1	67454	68000	67454	Time-up time (min)	MFR	
20	P12 BPSK	1	1	18.48	18.56	18.46	20.5	0.0	

Part27Q n78_Ant 7 PC3									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Ch / Power	Power Mask Ch / Power Ch / Power	Power High Ch / Power	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	21.00					
100	P12 BPSK	1	127	21.07			22.5	0.0	
100	P12 BPSK	1	271	21.07					
100	P12 BPSK	135	0	21.05			22.5	0.0	
100	P12 BPSK	135	66	21.06			22.5	0.0	
100	P12 BPSK	135	136	21.07			22.5	0.0	
100	P12 BPSK	270	0	21.06					
100	QPSK	1	1	21.06					
100	QPSK	1	127	21.06			22.5	0.0	
100	QPSK	1	271	21.06					
100	QPSK	135	0	21.05					
100	QPSK	135	66	21.07			22.5	0.0	
100	QPSK	135	136	21.06					
100	QPSK	270	0	21.06			22.5	0.0	
100	16QAM	1	1	21.04			22.5	0.0	
100	16QAM	1	1	21.06			22.5	0.0	
100	16QAM	1	1	21.06			22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.96	21.00	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.97	21.00	20.99	22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.96	21.00	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.96	21.00	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.96	21.00	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	20.97	21.00	20.99	22.5	0.0	

Part27Q n78_Ant 7 PC3									
SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Ch / Freq	Power High Ch / Freq	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	21.00					
100	P12 BPSK	1	127	21.00			22.5	0.0	
100	P12 BPSK	1	271	21.00					
100	P12 BPSK	135	0	21.02			22.5	0.0	
100	P12 BPSK	135	66	21.03			22.5	0.0	
100	P12 BPSK	135	136	21.01			22.5	0.0	
100	P12 BPSK	270	0	21.03					
100	QPSK	1	1	21.03					
100	QPSK	1	127	21.03			22.5	0.0	
100	QPSK	1	271	21.03					
100	QPSK	135	0	21.02					
100	QPSK	135	66	21.03			22.5	0.0	
100	QPSK	135	136	21.03					
100	QPSK	270	0	21.03			22.5	0.0	
100	16QAM	1	1	21.01			22.5	0.0	
100	16QAM	1	1	21.03			22.5	0.0	
100	16QAM	1	1	21.03			22.5	0.0	
Channel									
Frequency (MHz)				949996	950004	950012	Time-up time (min)		
90	P12 BPSK	1	1	20.99	20.99	20.99	22.5	0.0	
90	P12 BPSK	1	127	949996	949996	949996	Time-up time (min)	MFR	
90	P12 BPSK	1	127	949996	949996	949996	Time-up time (min)	MFR	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90	P12 BPSK	1	1	949996	949996	949996	22.5	0.0	
90									

Reduced Power for DSI 5

Par27Q n77_Ant 4									
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch./Freq.	Power Margin Ch./Freq.	Power Head Ch./Freq.	Turn-up time (sec)	MPE (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	18.20			20.0	0.0	
100	P12 BPSK	1	137	18.76					
100	P12 BPSK	1	271	18.21					
100	P12 BPSK	156	5	18.21			20.0	0.0	
100	P12 BPSK	156	89	18.22			20.0	0.0	
100	P12 BPSK	156	125	18.22			20.0	0.0	
100	P12 BPSK	250	0	18.76			20.0	0.0	
100	QPSK	1	1	18.24			20.0	0.0	
100	QPSK	1	137	18.21					
100	QPSK	1	271	18.71					
100	QPSK	156	0	18.24			20.0	0.0	
100	QPSK	156	89	18.24					
100	QPSK	156	125	18.25					
100	QPSK	250	5	18.21			20.0	0.0	
100	HQDM	1	1	18.21			20.0	0.0	
100	HQDM	1	1	18.24			20.0	0.0	
100	J25QDM	1	1	18.24			20.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	18.02			20.0	0.0	
80	P12 BPSK	1	137	18.02					
80	P12 BPSK	1	271	18.02					
80	P12 BPSK	156	5	18.02			20.0	0.0	
80	P12 BPSK	156	89	18.02			20.0	0.0	
80	P12 BPSK	156	125	18.02			20.0	0.0	
80	P12 BPSK	250	0	18.02			20.0	0.0	
80	QPSK	1	1	18.04			20.0	0.0	
80	QPSK	1	137	18.04					
80	QPSK	1	271	18.04					
80	QPSK	156	0	18.04			20.0	0.0	
80	QPSK	156	89	18.04					
80	QPSK	156	125	18.04					
80	QPSK	250	5	18.02			20.0	0.0	
80	HQDM	1	1	18.02			20.0	0.0	
80	HQDM	1	1	18.04			20.0	0.0	
80	J25QDM	1	1	18.04			20.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	18.04			20.0	0.0	
40	P12 BPSK	1	137	18.04					
40	P12 BPSK	1	271	18.04					
40	P12 BPSK	156	5	18.04			20.0	0.0	
40	P12 BPSK	156	89	18.04			20.0	0.0	
40	P12 BPSK	156	125	18.04			20.0	0.0	
40	P12 BPSK	250	0	18.04			20.0	0.0	
40	QPSK	1	1	18.04			20.0	0.0	
40	QPSK	1	137	18.04					
40	QPSK	1	271	18.04					
40	QPSK	156	0	18.04			20.0	0.0	
40	QPSK	156	89	18.04					
40	QPSK	156	125	18.04					
40	QPSK	250	5	18.04			20.0	0.0	
40	HQDM	1	1	18.04			20.0	0.0	
40	HQDM	1	1	18.04			20.0	0.0	
40	J25QDM	1	1	18.04			20.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	18.03			20.0	0.0	
20	P12 BPSK	1	137	18.03					
20	P12 BPSK	1	271	18.03					
20	P12 BPSK	156	5	18.03			20.0	0.0	
20	P12 BPSK	156	89	18.03			20.0	0.0	
20	P12 BPSK	156	125	18.03			20.0	0.0	
20	P12 BPSK	250	0	18.03			20.0	0.0	
20	QPSK	1	1	18.03			20.0	0.0	
20	QPSK	1	137	18.03					
20	QPSK	1	271	18.03					
20	QPSK	156	0	18.03			20.0	0.0	
20	QPSK	156	89	18.03					
20	QPSK	156	125	18.03					
20	QPSK	250	5	18.03			20.0	0.0	
20	HQDM	1	1	18.03			20.0	0.0	
20	HQDM	1	1	18.03			20.0	0.0	
20	J25QDM	1	1	18.03			20.0	0.0	
Channel									
Frequency (MHz)									

Par27Q n77_Ant 4									
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch./Freq.	Power Margin Ch./Freq.	Power Head Ch./Freq.	Turn-up time (sec)	MPE	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	18.20			20.0	0.0	
100	P12 BPSK	1	137	18.21					
100	P12 BPSK	1	271	18.21					
100	P12 BPSK	156	5	18.21			20.0	0.0	
100	P12 BPSK	156	89	18.21			20.0	0.0	
100	P12 BPSK	156	125	18.21			20.0	0.0	
100	P12 BPSK	250	0	18.21			20.0	0.0	
100	QPSK	1	1	18.23			20.0	0.0	
100	QPSK	1	137	18.23					
100	QPSK	1	271	18.14					
100	QPSK	156	0	18.23			20.0	0.0	
100	QPSK	156	89	18.23					
100	QPSK	156	125	18.23					
100	QPSK	250	5	18.21			20.0	0.0	
100	HQDM	1	1	18.22			20.0	0.0	
100	HQDM	1	1	18.26			20.0	0.0	
100	J25QDM	1	1	18.24			20.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	18.17			20.0	0.0	MPE
80	P12 BPSK	1	137	18.17					
80	P12 BPSK	1	271	18.17					
80	P12 BPSK	156	5	18.17			20.0	0.0	
80	P12 BPSK	156	89	18.17			20.0	0.0	
80	P12 BPSK	156	125	18.17			20.0	0.0	
80	P12 BPSK	250	0	18.17			20.0	0.0	
80	QPSK	1	1	18.20			20.0	0.0	
80	QPSK	1	137	18.19					
80	QPSK	1	271	18.19					
80	QPSK	156	0	18.20			20.0	0.0	
80	QPSK	156	89	18.20					
80	QPSK	156	125	18.20					
80	QPSK	250	5	18.17			20.0	0.0	
80	HQDM	1	1	18.17			20.0	0.0	
80	HQDM	1	1	18.20			20.0	0.0	
80	J25QDM	1	1	18.20			20.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	18.17			20.0	0.0	
40	P12 BPSK	1	137	18.17					
40	P12 BPSK	1	271	18.17					
40	P12 BPSK	156	5	18.17			20.0	0.0	
40	P12 BPSK	156	89	18.17			20.0	0.0	
40	P12 BPSK	156	125	18.17			20.0	0.0	
40	P12 BPSK	250	0	18.17			20.0	0.0	
40	QPSK	1	1	18.20			20.0	0.0	
40	QPSK	1	137	18.19					
40	QPSK	1	271	18.19					
40	QPSK	156	0	18.20			20.0	0.0	
40	QPSK	156	89	18.20					
40	QPSK	156	125	18.20					
40	QPSK	250	5	18.17			20.0	0.0	
40	HQDM	1	1	18.17			20.0	0.0	
40	HQDM	1	1	18.20			20.0	0.0	
40	J25QDM	1	1	18.20			20.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	18.19			20.0	0.0	
20	P12 BPSK	1	137	18.19					
20	P12 BPSK	1	271	18.19					
20	P12 BPSK	156	5	18.19			20.0	0.0	
20	P12 BPSK	156	89	18.19			20.0	0.0	
20	P12 BPSK	156	125	18.19			20.0	0.0	
20	P12 BPSK	250	0	18.19			20.0	0.0	
20	QPSK	1	1	18.20			20.0	0.0	
20	QPSK	1	137	18.19					
20	QPSK	1	271	18.19					
20	QPSK	156	0	18.20			20.0	0.0	
20	QPSK	156	89	18.20					
20	QPSK	156	125	18.20					
20	QPSK	250	5	18.19			20.0	0.0	

Par27Q n77_Ant 6										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-up time (min)		MFR (dB)	
Channel										
Frequency (MHz)										
100	P12-BPSK	1	1	15.40	15.40	15.40				
100	P12-BPSK	1	137	15.40	15.40	15.40			16.5	
100	P12-BPSK	1	271	15.40	15.40	15.40				
100	P12-BPSK	136	0	15.40	15.40	15.40			16.5	
100	P12-BPSK	136	66	15.40	15.40	15.40			16.5	
100	P12-BPSK	136	126	15.40	15.40	15.40			16.5	
100	P12-BPSK	270	0	15.40	15.40	15.40			16.5	
100	QPSK	1	1	15.40	15.40	15.40				
100	QPSK	1	137	15.40	15.40	15.40			16.5	
100	QPSK	1	271	15.40	15.40	15.40				
100	QPSK	136	0	15.40	15.40	15.40				
100	QPSK	136	66	15.40	15.40	15.40			16.5	
100	QPSK	136	126	15.40	15.40	15.40			16.5	
100	QPSK	270	0	15.40	15.40	15.40			16.5	
100	16QAM	1	1	15.40	15.40	15.40			16.5	
100	16QAM	1	1	15.40	15.40	15.40			16.5	
100	256QAM	1	1	15.40	15.40	15.40			16.5	
Channel										
100	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
80	P12-BPSK	1	1	15.41	15.40	15.41			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40			16.5	
Channel										
80	P12-BPSK	1	1	15.40	15.40	15.40				

Part2Q7 n78_Ant 4 PC3									
Set	SRP	Modulation	SR Rate	SR Offset	Power Ch. 1 (dBm)	Power Ch. 2 (dBm)	Power Ch. 3 (dBm)	Power Ch. 4 (dBm)	MTR
1	SRP	Frequency (MHz)	1	0	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	0	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	20	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	40	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	100	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	120	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	140	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	160	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	180	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	200	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	220	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	240	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	260	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	280	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	300	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	320	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	340	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	360	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	380	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	400	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	420	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	440	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	460	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	480	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	500	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	520	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	540	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	560	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	580	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	600	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	620	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	640	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	660	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	680	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	700	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	720	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	740	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	760	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	780	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	800	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	820	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	840	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	860	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	880	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	900	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	920	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	940	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	960	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	980	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1000	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1020	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1040	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1060	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1080	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1100	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1120	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1140	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1160	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1180	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1200	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1220	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1240	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1260	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1280	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1300	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1320	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1340	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1360	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1380	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1400	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1420	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1440	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1460	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1480	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1500	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1520	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1540	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1560	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1580	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1600	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1620	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1640	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1660	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1680	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1700	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1720	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1740	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1760	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1780	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1800	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1820	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1840	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1860	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1880	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1900	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1920	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1940	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1960	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	1980	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2000	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2020	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2040	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2060	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2080	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2100	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2120	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2140	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2160	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2180	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2200	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2220	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2240	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2260	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2280	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2300	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2320	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2340	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2360	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2380	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2400	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2420	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2440	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2460	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2480	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2500	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2520	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2540	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2560	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2580	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2600	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2620	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2640	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2660	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2680	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2700	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2720	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2740	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2760	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2780	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2800	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2820	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2840	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2860	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2880	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2900	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2920	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2940	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2960	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	2980	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3000	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3020	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3040	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3060	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3080	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3100	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3120	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3140	-10	-10	-10	-10	0.0
100	PRP	Frequency (MHz)	1	3160	-10	-10	-10	-	

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Part27Q n78_Ant 6 PC3												
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch / Freq.	Power Max Lin Ch / Freq.	Power Peak Lin Ch / Freq.	Turn-up time (min)	MPTB (dB)				
Channel												
Frequency (MHz)				15.011								
100	P12 BPSK	1	1	15.48	15.52	15.50	16.5	0.0				
100	P12 BPSK	1	137	15.47	15.51	15.49						
100	P12 BPSK	1	271	15.49	15.49	15.49	16.5	0.0				
100	P12 BPSK	1	5	15.49	15.49	15.49						
100	P12 BPSK	135	69	15.52	15.52	15.52	16.5	0.0				
100	P12 BPSK	135	135	15.52	15.52	15.52						
100	P12 BPSK	270	0	15.52	15.52	15.52	16.5	0.0				
100	P12 BPSK	270	6	15.52	15.52	15.52						
100	QPSK	1	1	15.52	15.52	15.52	16.5	0.0				
100	QPSK	1	137	15.47	15.47	15.47						
100	QPSK	1	271	15.49	15.49	15.49	16.5	0.0				
100	QPSK	1	5	15.49	15.49	15.49						
100	QPSK	135	69	15.52	15.52	15.52	16.5	0.0				
100	QPSK	135	135	15.52	15.52	15.52						
100	QPSK	270	0	15.52	15.52	15.52	16.5	0.0				
100	QPSK	270	6	15.52	15.52	15.52						
100	HQDM	1	1	15.52	15.52	15.52	16.5	0.0				
100	HQDM	1	1	15.52	15.52	15.52						
100	JSSCAM	1	1	15.48	15.52	15.50	16.5	0.0				
100	JSSCAM	1	1	15.48	15.52	15.50						
Channel												
Frequency (MHz)				0.0000						0.0000	0.0000	MPTB
30	P12 BPSK	1	1	15.48	15.52	15.50	16.5	0.0				
30	P12 BPSK	1	1	15.48	15.52	15.50						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.50	15.48						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)				0.0000						0.0000	MPTB	
30	P12 BPSK	1	1	15.47	15.50	15.48	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.5							

Part27O n78_Ant 6 PC3												
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch / Freq.	Power Max Lin Ch / Freq.	Power Peak Lin Ch / Freq.	Turn-up time (min)	MPT (dB)				
Channel												
Frequency (MHz)												
100	P12 BPSK	1	1	15.48	15.52	15.50	16.5	0.0				
100	P12 BPSK	1	137	15.47	15.47	15.47						
100	P12 BPSK	1	271	15.49	15.49	15.49	16.5	0.0				
100	P12 BPSK	135	0	15.47	15.47	15.47						
100	P12 BPSK	135	69	15.52	15.52	15.52	16.5	0.0				
100	P12 BPSK	135	135	15.52	15.52	15.52						
100	P12 BPSK	270	0	15.52	15.52	15.52	16.5	0.0				
100	P12 BPSK	270	6	15.52	15.52	15.52						
100	QPSK	1	1	15.38	15.38	15.38	16.5	0.0				
100	QPSK	1	137	15.37	15.37	15.37						
100	QPSK	1	271	15.34	15.34	15.34	16.5	0.0				
100	QPSK	135	0	15.34	15.34	15.34						
100	QPSK	135	69	15.37	15.37	15.37	16.5	0.0				
100	QPSK	135	135	15.34	15.34	15.34						
100	QPSK	270	0	15.38	15.38	15.38	16.5	0.0				
100	QPSK	270	6	15.38	15.38	15.38						
100	HQDM	1	1	15.52	15.52	15.52	16.5	0.0				
100	HQDM	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.47	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.47	15.52	15.52						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.52	15.52	15.52	16.5	0.0				
30	P12 BPSK	1	1	15.52	15.52	15.52						

Part27Q n78_Ant 7 PC3												
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch / Freq.	Power Max Lin Ch / Freq.	Power Peak Lin Ch / Freq.	Turn-on time (min)	MPT (dB)				
Channel												
Frequency (MHz)												
100	P12 BPSK	1	1	15.54	15.54	15.54	16.0	0.0				
100	P12 BPSK	1	137	15.41	15.41	15.41						
100	P12 BPSK	1	271	15.41	15.41	15.41	16.0	0.0				
100	P12 BPSK	135	0	15.37	15.37	15.37						
100	P12 BPSK	135	69	15.52	15.52	15.52	16.0	0.0				
100	P12 BPSK	135	135	15.52	15.52	15.52						
100	P12 BPSK	270	0	15.52	15.52	15.52	16.0	0.0				
100	P12 BPSK	270	6	15.52	15.52	15.52						
100	QPSK	1	1	15.32	15.32	15.32	16.0	0.0				
100	QPSK	1	137	15.33	15.33	15.33						
100	QPSK	1	271	15.36	15.36	15.36	16.0	0.0				
100	QPSK	135	0	15.36	15.36	15.36						
100	QPSK	135	69	15.37	15.37	15.37	16.0	0.0				
100	QPSK	135	135	15.32	15.32	15.32						
100	QPSK	270	0	15.36	15.36	15.36	16.0	0.0				
100	QPSK	270	6	15.36	15.36	15.36						
100	HQDM	1	1	15.52	15.52	15.52	16.0	0.0				
100	HQDM	1	1	15.52	15.52	15.52						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.46	15.54	15.42	16.0	0.0				
30	P12 BPSK	1	1	15.46	15.54	15.42						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.47	15.52	15.42	16.0	0.0				
30	P12 BPSK	1	1	15.47	15.52	15.42						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.41	15.51	15.46	16.0	0.0				
30	P12 BPSK	1	1	15.41	15.51	15.46						
Channel												
Frequency (MHz)												
30	P12 BPSK	1	1	15.48	15.47	15.48	16.0	0.0				
30	P12 BPSK	1	1	15.48	15.47	15.48						

Part27O n78_Ant 7 PC3									
SW (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch / Freq.	Power Max Lin Ch / Freq.	Power Peak Lin Ch / Freq.	Turn-up time (min)	MPT (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	P12 BPSK	1	137	15.47	15.51	15.49			
100	P12 BPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	P12 BPSK	135	0	15.52	15.52	15.52			
100	P12 BPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	P12 BPSK	135	135	15.52	15.52	15.52			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.52	15.52			
100	QPSK	135	69	15.52	15.52	15.52	16.0	0.0	
100	QPSK	135	135	15.52	15.52	15.52			
100	QPSK	271	0	15.50	15.50	15.50	16.0	0.0	
100	QPSK	271	135	15.50	15.50	15.50			
100	QPSK	1	1	15.46	15.54	15.50	16.0	0.0	
100	QPSK	1	137	15.47	15.51	15.49			
100	QPSK	1	271	15.53	15.53	15.53	16.0	0.0	
100	QPSK	135	0	15.52	15.				



Full Power Mode for 5GNR Main PA(ENDC)

Part27Q n78_Ant 4 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Max Ch. (Freq.)	Power High Ch. (Freq.)	Turn-up time (s)	APR (dB)	
Channel									
Frequency (MHz)									
100	PB2-BPSK	1	1	25.35					
100	PB2-BPSK	1	137	25.35			25.0	0.0	
100	PB2-BPSK	1	271	25.35					
100	PB2-BPSK	100	0	25.35			24.5	0.0	
100	PB2-BPSK	100	66	25.35			25.0	0.0	
100	PB2-BPSK	100	138	25.35			24.5	0.0	
100	PB2-BPSK	200	0	25.35			24.5	0.0	
100	QPSK	1	1	25.35					
100	QPSK	1	137	25.35			25.0	0.0	
100	QPSK	1	271	25.35					
100	QPSK	100	0	25.35					
100	QPSK	100	66	25.35					
100	QPSK	100	138	25.35					
100	QPSK	200	0	25.35			24.0	1.0	
100	QPSK	1	1	25.35			24.0	0.0	
100	15QAM	1	1	25.35			24.0	0.0	
100	15QAM	1	1	25.35			23.5	2.0	
100	256QAM	1	1	1807			20.5	4.5	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	25.18	25.22	25.18	25.0	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	25.41	25.39	25.41	25.0	0.0	
Channel									
Frequency (MHz)									
60	PB2-BPSK	1	1	25.15	25.25	25.15	25.0	0.0	
Channel									
Frequency (MHz)									
50	PB2-BPSK	1	1	25.10	25.20	25.10	25.0	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	25.22	25.19	25.12	25.0	0.0	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	25.18	25.22	25.21	25.0	0.0	
Channel									
Frequency (MHz)									
20	PB2-BPSK	1	1	25.47	25.43	25.16	25.0	0.0	

Part27O n78_Ant 4 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Max Ch. (Freq.)	Power High Ch. (Freq.)	Turn-up time (s)	APR (dB)	
Channel									
Frequency (MHz)									
100	PB2-BPSK	1	1	25.35					
100	PB2-BPSK	1	137	25.35			25.0	0.0	
100	PB2-BPSK	1	271	25.35					
100	PB2-BPSK	100	0	25.35			24.5	0.0	
100	PB2-BPSK	100	66	25.35			25.0	0.0	
100	PB2-BPSK	100	138	25.35			24.5	0.0	
100	PB2-BPSK	200	0	25.35			24.5	0.0	
100	QPSK	1	1	25.35					
100	QPSK	1	137	25.35			25.0	0.0	
100	QPSK	1	271	25.35					
100	QPSK	100	0	25.35					
100	QPSK	100	66	25.35			25.0	0.0	
100	QPSK	100	138	25.35					
100	QPSK	200	0	25.35			24.0	1.0	
100	QPSK	1	1	25.35			24.0	0.0	
100	15QAM	1	1	25.35			24.0	0.0	
100	15QAM	1	1	25.35			23.5	2.0	
100	256QAM	1	1	1807			20.5	4.5	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	25.19	25.14	25.20	25.0	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	25.27	25.24	25.26	25.0	0.0	
Channel									
Frequency (MHz)									
60	PB2-BPSK	1	1	25.20	25.26	25.21	25.0	0.0	
Channel									
Frequency (MHz)									
50	PB2-BPSK	1	1	25.15	25.25	25.21	25.0	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	25.19	25.22	25.18	25.0	0.0	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	25.21	25.23	25.21	25.0	0.0	
Channel									
Frequency (MHz)									
20	PB2-BPSK	1	1	25.47	25.45	25.16	25.0	0.0	

Part27Q n78_Ant 5 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Max Ch. (Freq.)	Power High Ch. (Freq.)	Turn-up time (s)	APR (dB)	
Channel									
Frequency (MHz)									
100	PB2-BPSK	1	1	25.45					
100	PB2-BPSK	1	137	25.45			25.7	0.0	
100	PB2-BPSK	1	271	25.45					
100	PB2-BPSK	100	0	25.45			25.3	0.0	
100	PB2-BPSK	100	66	25.45			25.7	0.0	
100	PB2-BPSK	100	138	25.45			25.3	0.0	
100	PB2-BPSK	200	0	25.45			25.3	0.0	
100	QPSK	1	1	25.45					
100	QPSK	1	137	25.45			25.7	0.0	
100	QPSK	1	271	25.45					
100	QPSK	100	0	25.45					
100	QPSK	100	66	25.45			25.7	0.0	
100	QPSK	100	138	25.45					
100	QPSK	200	0	25.45			24.7	1.0	
100	QPSK	1	1	25.45			24.7	0.0	
100	15QAM	1	1	25.45			24.7	0.0	
100	15QAM	1	1	25.45			23.7	2.0	
100	256QAM	1	1	1813			21.0	4.5	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	24.48	24.52	24.48	25.7	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	24.52	24.48	24.52	25.7	0.0	
Channel									
Frequency (MHz)									
60	PB2-BPSK	1	1	24.50	24.50	24.45	25.7	0.0	
Channel									
Frequency (MHz)									
50	PB2-BPSK	1	1	24.50	24.50	24.45	25.7	0.0	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	24.47	24.52	24.51	25.7	0.0	
Channel									
Frequency (MHz)									
40	PB2-BPSK	1	1	24.50	24.45	24.50	25.7	0.0	
Channel									
Frequency (MHz)									
30	PB2-BPSK	1	1	24.46	24.45	24.46	25.7	0.0	
Channel									
Frequency (MHz)									
20	PB2-BPSK	1	1	24.54	24.58	24.53	25.7	0.0	

Part27O n78_Ant 5 PC3									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Max Ch. (Freq.)	Power High Ch. (Freq.)	Turn-up time (s)	APR (dB)	
Channel									
Frequency (MHz)									
100	PB2-BPSK	1	1	24.58					
100	PB2-BPSK	1	137	24.58			25.7	0.0	
100	PB2-BPSK	1	271	24.58					
100	PB2-BPSK	100	0	24.58			25.3	0.0	
100	PB2-BPSK	100	66	24.58			25.7	0.0	
100	PB2-BPSK	100	138	24.58			25.3	0.0	
100	PB2-BPSK	200	0	24.58			25.3	0.0	
100	QPSK	1	1	24.58					
100	QPSK	1	137	24.58			25.7	0.0	
100	QPSK	1	271	24.58					
100	QPSK	100	0	24.58					
100	QPSK	100	66	24.58			25.7	0.0	

Part2Q7 n78_Ant 6 PC3									
Set (MHz)	Modulation	PS Data	PS Offset	Power (mW)	Power (mW)	Power (mW)	Power (mW)	Power (mW)	MPE
				Ch. Power	Power (mW)	Ch. Power	Ch. Power	Ch. Power	
Frequency (MHz)				24.00	24.00	24.00	24.00	24.00	
PS Data	1	1		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	100	100		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	221		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	100	100		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	128	128		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	128	128		24.12	24.12	24.12	24.12	24.12	0.5
PS Data	1	0		24.07	24.07	24.07	24.07	24.07	0.0
PS Offset	1	0		24.07	24.07	24.07	24.07	24.07	0.0
PS Data	128	0		24.02	24.02	24.02	24.02	24.02	0.0
PS Offset	128	0		24.02	24.02	24.02	24.02	24.02	0.0
PS Data	128	128		24.02	24.02	24.02	24.02	24.02	0.0
PS Offset	128	128		24.02	24.02	24.02	24.02	24.02	0.0
PS Data	220	0		24.01	24.01	24.01	24.01	24.01	0.0
PS Offset	220	0		24.01	24.01	24.01	24.01	24.01	0.0
PS Data	1	1		24.03	24.03	24.03	24.03	24.03	0.0
PS Offset	1	1		24.03	24.03	24.03	24.03	24.03	0.0
Frequency (MHz)				24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	0		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	0		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Data	1	24.00		24.00	24.00	24.00	24.00	24.00	0.0
PS Offset	1	24.00		24.00	24.00	24.00	24.00		

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Part27Q n78_Ant 4 PC3									
SR (MHz)	Modulation	RF SSB	RF Offset	Power Ch. 1 (mW)	Power Ch. 2 (mW)	Power Ch. 3 (mW)	Transmit rate (kbps)	MFR (MHz)	
30	Frequency (MHz)				100.00				
	Channel				100.00				
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
50	Frequency (MHz)				100.00				
	Channel				100.00				
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
70	Frequency (MHz)				100.00				
	Channel				100.00				
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
90	Frequency (MHz)				100.00				
	Channel				100.00				
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00		10.0	0.0
	Frequency (MHz)				100.00	100.00			
	Channel				100.00	100.00			

Reduced Power for DSI 1

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[illegible]

Part270 n78_Ant 6 PC3									
Set (MHz)	Modulation	FS (Hz)	FS Offset	Power (dBm)	Power (dBm) Ch. 1	Power (dBm) Ch. 2	Power (dBm) Ch. 3	Power (dBm) Ch. 4	SNR (dB)
100	FS (MHz)	Y	0	12.97	12.97				0.0
100	FS (MHz)	Y	1	12.97	12.97			13.5	0.0
100	FS (MHz)	Y	271	12.96	12.96				0.0
100	FS (MHz)	Y	126	12.96	12.96			13.6	0.0
100	FS (MHz)	Y	126	12.95	12.95			13.5	0.0
100	FS (MHz)	Y	126	12.91	12.91			13.5	0.0
100	FS (MHz)	Y	0	12.21	12.21				0.0
100	FS (MHz)	Y	127	12.21	12.21				0.0
100	FS (MHz)	Y	126	12.28	12.28			13.5	0.0
100	FS (MHz)	Y	127	12.27	12.27			13.5	0.0
100	FS (MHz)	Y	126	12.28	12.28				0.0
100	FS (MHz)	Y	272	12.21	12.21			13.5	0.0
100	FS (MHz)	Y	0	12.51	12.51			13.5	0.0
100	FS (MHz)	Y	1	12.51	12.51			13.5	0.0
Channel									
	Channel	Y	0	60655	60655	60655	60655	60655	1475
50	FS (MHz)	Y	0	12.55	12.55	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	60624	60624	60624	60624	60624	1475
50	FS (MHz)	Y	0	60624	60624	60624	60624	60624	1475
50	FS (MHz)	Y	0	12.56	12.57	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	60655	60655	60655	60655	60655	1475
50	FS (MHz)	Y	0	60655	60655	60655	60655	60655	1475
50	FS (MHz)	Y	0	12.55	12.57	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	12.55	12.55	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	12.54	12.55	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	12.54	12.54	12.54	12.54	12.54	0.0
50	FS (MHz)	Y	0	60655	60655	60655	60655	60655	1475
50	FS (MHz)	Y	0	60655	60655	60655	60655	60655	1475
50	FS (MHz)	Y	0	12.55	12.55	12.55	12.55	12.55	0.0
50	FS (MHz)	Y	0	60624	60624	60624	60624	60624	1475
50	FS (MHz)	Y	0	12.55	12.55	12.55	12.55	12.55	0.0

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Part27Q n78_Ant 6 PC3									
Ref	SRP	Modulation	PRB Size	PRB Offset	Power [dBm] Ch. 1/Freq.	Power [dBm] Ch. 2/Freq.	Power [dBm] Ch. 3/Freq.	Time slot [ms]	MPE [dB]
1	100	Frequency Modulation	128	0	18.00	18.00	18.00	20.0	0.0
2	100	PRB SRPSC	1	1	18.04	18.04	18.04		
3	100	PRB SRPSC	1	147	18.03	18.03	18.03		
4	100	PRB SRPSC	1	221	18.04	18.04	18.04		
5	100	PRB SRPSC	128	0	18.00	18.00	18.00	20.0	0.0
6	100	PRB SRPSC	128	0	18.00	18.00	18.00		
7	100	PRB SRPSC	128	128	18.00	18.00	18.00		
8	100	PRB SRPSC	128	128	18.00	18.00	18.00		
9	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
10	100	PRB SRPSC	128	128	18.00	18.00	18.00		
11	100	PRB SRPSC	128	128	18.00	18.00	18.00		
12	100	PRB SRPSC	128	128	18.00	18.00	18.00		
13	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
14	100	PRB SRPSC	128	128	18.00	18.00	18.00		
15	100	PRB SRPSC	128	128	18.00	18.00	18.00		
16	100	PRB SRPSC	128	128	18.00	18.00	18.00		
17	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
18	100	PRB SRPSC	128	128	18.00	18.00	18.00		
19	100	PRB SRPSC	128	128	18.00	18.00	18.00		
20	100	PRB SRPSC	128	128	18.00	18.00	18.00		
21	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
22	100	PRB SRPSC	128	128	18.00	18.00	18.00		
23	100	PRB SRPSC	128	128	18.00	18.00	18.00		
24	100	PRB SRPSC	128	128	18.00	18.00	18.00		
25	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
26	100	PRB SRPSC	128	128	18.00	18.00	18.00		
27	100	PRB SRPSC	128	128	18.00	18.00	18.00		
28	100	PRB SRPSC	128	128	18.00	18.00	18.00		
29	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
30	100	PRB SRPSC	128	128	18.00	18.00	18.00		
31	100	PRB SRPSC	128	128	18.00	18.00	18.00		
32	100	PRB SRPSC	128	128	18.00	18.00	18.00		
33	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
34	100	PRB SRPSC	128	128	18.00	18.00	18.00		
35	100	PRB SRPSC	128	128	18.00	18.00	18.00		
36	100	PRB SRPSC	128	128	18.00	18.00	18.00		
37	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
38	100	PRB SRPSC	128	128	18.00	18.00	18.00		
39	100	PRB SRPSC	128	128	18.00	18.00	18.00		
40	100	PRB SRPSC	128	128	18.00	18.00	18.00		
41	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
42	100	PRB SRPSC	128	128	18.00	18.00	18.00		
43	100	PRB SRPSC	128	128	18.00	18.00	18.00		
44	100	PRB SRPSC	128	128	18.00	18.00	18.00		
45	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
46	100	PRB SRPSC	128	128	18.00	18.00	18.00		
47	100	PRB SRPSC	128	128	18.00	18.00	18.00		
48	100	PRB SRPSC	128	128	18.00	18.00	18.00		
49	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
50	100	PRB SRPSC	128	128	18.00	18.00	18.00		
51	100	PRB SRPSC	128	128	18.00	18.00	18.00		
52	100	PRB SRPSC	128	128	18.00	18.00	18.00		
53	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
54	100	PRB SRPSC	128	128	18.00	18.00	18.00		
55	100	PRB SRPSC	128	128	18.00	18.00	18.00		
56	100	PRB SRPSC	128	128	18.00	18.00	18.00		
57	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
58	100	PRB SRPSC	128	128	18.00	18.00	18.00		
59	100	PRB SRPSC	128	128	18.00	18.00	18.00		
60	100	PRB SRPSC	128	128	18.00	18.00	18.00		
61	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
62	100	PRB SRPSC	128	128	18.00	18.00	18.00		
63	100	PRB SRPSC	128	128	18.00	18.00	18.00		
64	100	PRB SRPSC	128	128	18.00	18.00	18.00		
65	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
66	100	PRB SRPSC	128	128	18.00	18.00	18.00		
67	100	PRB SRPSC	128	128	18.00	18.00	18.00		
68	100	PRB SRPSC	128	128	18.00	18.00	18.00		
69	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
70	100	PRB SRPSC	128	128	18.00	18.00	18.00		
71	100	PRB SRPSC	128	128	18.00	18.00	18.00		
72	100	PRB SRPSC	128	128	18.00	18.00	18.00		
73	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
74	100	PRB SRPSC	128	128	18.00	18.00	18.00		
75	100	PRB SRPSC	128	128	18.00	18.00	18.00		
76	100	PRB SRPSC	128	128	18.00	18.00	18.00		
77	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
78	100	PRB SRPSC	128	128	18.00	18.00	18.00		
79	100	PRB SRPSC	128	128	18.00	18.00	18.00		
80	100	PRB SRPSC	128	128	18.00	18.00	18.00		
81	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
82	100	PRB SRPSC	128	128	18.00	18.00	18.00		
83	100	PRB SRPSC	128	128	18.00	18.00	18.00		
84	100	PRB SRPSC	128	128	18.00	18.00	18.00		
85	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
86	100	PRB SRPSC	128	128	18.00	18.00	18.00		
87	100	PRB SRPSC	128	128	18.00	18.00	18.00		
88	100	PRB SRPSC	128	128	18.00	18.00	18.00		
89	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
90	100	PRB SRPSC	128	128	18.00	18.00	18.00		
91	100	PRB SRPSC	128	128	18.00	18.00	18.00		
92	100	PRB SRPSC	128	128	18.00	18.00	18.00		
93	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
94	100	PRB SRPSC	128	128	18.00	18.00	18.00		
95	100	PRB SRPSC	128	128	18.00	18.00	18.00		
96	100	PRB SRPSC	128	128	18.00	18.00	18.00		
97	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
98	100	PRB SRPSC	128	128	18.00	18.00	18.00		
99	100	PRB SRPSC	128	128	18.00	18.00	18.00		
100	100	PRB SRPSC	128	128	18.00	18.00	18.00		
101	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
102	100	PRB SRPSC	128	128	18.00	18.00	18.00		
103	100	PRB SRPSC	128	128	18.00	18.00	18.00		
104	100	PRB SRPSC	128	128	18.00	18.00	18.00		
105	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
106	100	PRB SRPSC	128	128	18.00	18.00	18.00		
107	100	PRB SRPSC	128	128	18.00	18.00	18.00		
108	100	PRB SRPSC	128	128	18.00	18.00	18.00		
109	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
110	100	PRB SRPSC	128	128	18.00	18.00	18.00		
111	100	PRB SRPSC	128	128	18.00	18.00	18.00		
112	100	PRB SRPSC	128	128	18.00	18.00	18.00		
113	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
114	100	PRB SRPSC	128	128	18.00	18.00	18.00		
115	100	PRB SRPSC	128	128	18.00	18.00	18.00		
116	100	PRB SRPSC	128	128	18.00	18.00	18.00		
117	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
118	100	PRB SRPSC	128	128	18.00	18.00	18.00		
119	100	PRB SRPSC	128	128	18.00	18.00	18.00		
120	100	PRB SRPSC	128	128	18.00	18.00	18.00		
121	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
122	100	PRB SRPSC	128	128	18.00	18.00	18.00		
123	100	PRB SRPSC	128	128	18.00	18.00	18.00		
124	100	PRB SRPSC	128	128	18.00	18.00	18.00		
125	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
126	100	PRB SRPSC	128	128	18.00	18.00	18.00		
127	100	PRB SRPSC	128	128	18.00	18.00	18.00		
128	100	PRB SRPSC	128	128	18.00	18.00	18.00		
129	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
130	100	PRB SRPSC	128	128	18.00	18.00	18.00		
131	100	PRB SRPSC	128	128	18.00	18.00	18.00		
132	100	PRB SRPSC	128	128	18.00	18.00	18.00		
133	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
134	100	PRB SRPSC	128	128	18.00	18.00	18.00		
135	100	PRB SRPSC	128	128	18.00	18.00	18.00		
136	100	PRB SRPSC	128	128	18.00	18.00	18.00		
137	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
138	100	PRB SRPSC	128	128	18.00	18.00	18.00		
139	100	PRB SRPSC	128	128	18.00	18.00	18.00		
140	100	PRB SRPSC	128	128	18.00	18.00	18.00		
141	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
142	100	PRB SRPSC	128	128	18.00	18.00	18.00		
143	100	PRB SRPSC	128	128	18.00	18.00	18.00		
144	100	PRB SRPSC	128	128	18.00	18.00	18.00		
145	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
146	100	PRB SRPSC	128	128	18.00	18.00	18.00		
147	100	PRB SRPSC	128	128	18.00	18.00	18.00		
148	100	PRB SRPSC	128	128	18.00	18.00	18.00		
149	100	PRB SRPSC	128	128	18.00	18.00	18.00	20.0	0.0
150	100	PRB SRPSC	128	128	18.00	18.00	18.00		
151	100	PRB SRPSC	128	128	18.00	18.00	18.00		
152									

[illegible][illegible][illegible]

Part27Q n78_Ant 6 PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level C1 / Power C2 / Power C3 / Power	Power Mask C1 / Power C2 / Power C3 / Power	Power High C1 / Power C2 / Power C3 / Power	Turn-up time (min)	APRS (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.50	15.50				
100	P12 BPSK	1	137	15.51	15.51	20.5	0.0		
100	P12 BPSK	1	271	15.45	15.45				
100	P12 BPSK	135	0	15.40	15.40	20.5	0.0		
100	P12 BPSK	135	65	15.41	15.41	20.5	0.0		
100	P12 BPSK	135	135	15.35	15.35	20.5	0.0		
100	P12 BPSK	270	0	15.27	15.27	20.5	0.0		
100	QPSK	1	1	15.30	15.30				
100	QPSK	1	137	15.31	15.31	20.5	0.0		
100	QPSK	1	271	15.25	15.25				
100	QPSK	135	0	15.20	15.20	20.5	0.0		
100	QPSK	135	65	15.21	15.21	20.5	0.0		
100	QPSK	135	135	15.15	15.15	20.5	0.0		
100	QPSK	270	0	15.07	15.07	20.5	0.0		
100	HSK4M	1	1	15.00	15.00	20.5	0.0		
100	HSK4M	1	1	15.00	15.00	20.5	0.0		
100	25G2M	1	1	15.00	15.00	20.5	0.0		
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.36	15.41	15.42	0.0		
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.41	15.50	15.41	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.35	15.44	15.43	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.40	15.49	15.48	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.39	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.4					



Reduced Power for DSI 5

Part27Q n78_Ant 4 PC3									
SW [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac]	Power Max Ch. [Frac]	Power High Ch. [Frac]	Turn-up time [ms]	MFR [dB]	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.15	16.25		21.0	0.0	
100	P12 BPSK	1	137	16.25					
100	P12 BPSK	1	201	16.25			21.0	0.0	
100	P12 BPSK	106	0	16.20					
100	P12 BPSK	106	60	16.22			21.0	0.0	
100	P12 BPSK	106	136	16.16					
100	P12 BPSK	200	0	16.20			21.0	0.0	
100	QPSK	1	1	16.22					
100	QPSK	1	137	16.16			21.0	0.0	
100	QPSK	1	201	16.16					
100	QPSK	106	0	16.22			21.0	0.0	
100	QPSK	106	60	16.19					
100	QPSK	106	136	16.22			21.0	0.0	
100	QPSK	200	0	16.21					
100	12QAM	1	1	16.20			21.0	0.0	
100	12QAM	1	1	16.21					
100	25QAM	1	1	16.15	16.25	20.5			
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.11	16.13	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.17	16.14	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.12	16.10	21.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.12	16.10	21.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.09	16.10	16.09	21.0	0.0	

Part27O n78_Ant 4 PC3									
SW [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac]	Power Max Ch. [Frac]	Power High Ch. [Frac]	Turn-up time [ms]	MFR [dB]	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.15			21.0	0.0	
100	P12 BPSK	1	137	16.27					
100	P12 BPSK	1	201	16.17			21.0	0.0	
100	P12 BPSK	106	0	16.24					
100	P12 BPSK	106	60	16.26			21.0	0.0	
100	P12 BPSK	106	136	16.21					
100	P12 BPSK	200	0	16.26			21.0	0.0	
100	QPSK	1	1	16.23					
100	QPSK	1	137	16.27			21.0	0.0	
100	QPSK	1	201	16.24					
100	QPSK	106	0	16.26			21.0	0.0	
100	QPSK	106	60	16.26					
100	QPSK	106	136	16.26			21.0	0.0	
100	QPSK	200	0	16.24					
100	12QAM	1	1	16.21			21.0	0.0	
100	12QAM	1	1	16.21					
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.10	16.10	0.0		MFR
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		MFR
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		MFR
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		MFR
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		MFR
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.10	16.17	16.10	20.0	0.0	

Part27Q n78_Ant 5 PC3									
SW [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac]	Power Max Ch. [Frac]	Power High Ch. [Frac]	Turn-on time [ms]	MFR [dB]	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.15			17.7	0.0	
100	P12 BPSK	1	137	16.23					
100	P12 BPSK	1	201	16.13			17.7	0.0	
100	P12 BPSK	106	0	16.23					
100	P12 BPSK	106	60	16.26			17.7	0.0	
100	P12 BPSK	106	136	16.26					
100	P12 BPSK	200	0	16.18			17.7	0.0	
100	QPSK	1	1	16.21					
100	QPSK	1	137	16.23			17.7	0.0	
100	QPSK	1	201	16.23					
100	QPSK	106	0	16.17			17.7	0.0	
100	QPSK	106	60	16.18					
100	QPSK	106	136	16.26			17.7	0.0	
100	QPSK	200	0	16.20					
100	12QAM	1	1	16.17			17.7	0.0	
100	12QAM	1	1	16.17					
100	25QAM	1	1	16.13	16.23	16.17	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.10	16.10	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	16.10	16.16	16.19	0.0		
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.10	16.16	16.10	17.0	0.0	

Part27O n78_Ant 5 PC3									
SW [MHz]	Modulation	RF Size	RF Offset	Power Low Ch. [Frac]	Power Max Ch. [Frac]	Power High Ch. [Frac]	Turn-up time [ms]	MFR [dB]	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	16.15			17.7	0.0	
100	P12 BPSK	1	137	16.26					
100	P12 BPSK	1	201	16.20			17.7	0.0	
100	P12 BPSK	106	0	16.18					
100	P12 BPSK	106	60	16.21			17.7	0.0	
100	P12 BPSK	106	126	16.26			17.7	0.0	
100	P12 BPSK	106	192	16.25					
100	QPSK	1	1	16.22			17.7	0.0	
100	QPSK	1	137	16.26					
100	QPSK	1	201	16.20			17.7	0.0	
100	QPSK	106	0	16.21					
100	QPSK	106	60	16.26			17.7	0.0	
100	QPSK	106	126	16.25					
100	QPSK	106	192	16.22			17.7	0.0	
100	QPSK	220	0	16.40					
100	QPSK	220	60	16.43			17.7	0.0	
100	QPSK	220	126	16.40			17.7	0.0	
100	QPSK	220	192	16.43					
100	QPSK	220	258	16.42			17.7	0.0	
100	QPSK	220	324	16.45					
Channel									
100	QPSK	220	390	16.46	16.50	16.53	Turn-up time [ms]	MFR [dB]	
100	QPSK	220	456	16.51	16.54	16.58	17.7	0.0	
100	QPSK	220	522	16.56	16.59	16.62	17.7	0.0	
100	QPSK	220	588	16.61	16.64	16.67	17.7	0.0	
100	QPSK	220	654	16.66	16.69	16.72	17.7	0.0	
100	QPSK	220	720	16.71	16.74	16.77	17.7	0.0	
100	QPSK	220	786	16.76	16.79	16.82	17.7	0.0	
100	QPSK	220	852	16.81	16.84	16.87	17.7	0.0	
100	QPSK	220	918	16.86	16.89	16.92	17.7	0.0	
100	QPSK	220	984	16.91	16.94	16.97	17.7	0.0	
100	QPSK	220	1050	16.96	16.99	17.02	17.7	0.0	
100	QPSK	220	1116	17.01	17.04	17.07	17.7	0.0	
100	QPSK	220	1182	17.06	17.09	17.12	17.7	0.0	
100	QPSK	220	1248	17.11	17.14	17.17	17.7	0.0	
100	QPSK	220	1314	17.16	17.19	17.22	17.7	0.0	
100	QPSK	220	1380	17.21	17.24	17.27	17.7	0.0	
100	QPSK	220	1446	17.26	17.29	17.32	17.7	0.0	
100	QPSK	220	1512	17.31	17.34	17.37	17.7	0.0	
100	QPSK	220	1578	17.36	17.39	17.42	17.7	0.0	
100	QPSK	220	1644	17.41	17.44	17.47	17.7	0.0	
100	QPSK	220	1710	17.46	17.49	17.52	17.7	0.0	
100	QPSK	220	1776	17.51	17.54	17.57	17.7	0.0	
100	QPSK	220	1842	17.56	17.59	17.62	17.7	0.0	
100	QPSK	220	1908	17.61	17.64	17.67	17.7	0.0	
100	QPSK	220	1974	17.66	17.69	17.72	17.7	0.0	
100	QPSK	220	2040	17.71	17.74	17.77	17.7	0.0	
100	QPSK	220	2106	17.76	17.79	17.82	17.7	0.0	
100	QPSK	220	2172	17.81	17.84	17.87	17.7	0.0	
100	QPSK	220	2238	17.86	17.89	17.92	17.7	0.0	
100	QPSK	220	2304	17.91	17.94	17.97	17.7	0.0	
100	QPSK	220	2370	17.96	17.99	18.02	17.7	0.0	
100	QPSK	220	2436	18.01	18.04	18.07	17.7	0.0	
100	QPSK	220	2502	18.06	18.09	18.12	17.7	0.0	
100	QPSK	220	2568	18.11	18.14	18.17	17.7	0.0	
100	QPSK	220	2634	18.16	18.19	18.22	17.7	0.0	
100	QPSK	220	2700	18.21	18.24	18.27	17.7	0.0	
100	QPSK	220	2766	18.26	18.29	18.32	17.7	0.0	
100	QPSK	220	2832	18.31	18.34	18.37	17.7	0.0	
100	QPSK	220	2898	18.36	18.39	18.42	17.7	0.0	
100	QPSK	220	2964	18.41	18.44	18.47	17.7	0.0	
100	QPSK	220	3030	18.46	18.49	18.52	17.7	0.0	
100	QPSK	220	3096	18.51	18.54	18.57	17.7	0.0	
100	QPSK	220	3162	18.56	18.59	18.62	17.7	0.0	
100	QPSK	220	3228	18.61	18.64	18.67	17.7	0.0	
100	QPSK	220	3294	18.66	18.69	18.72	17.7	0.0	
100	QPSK	220	3360	18.71	18.74	18.77	17.7	0.0	
100	QPSK	220	3426	18.76	18.79	18.82	17.7	0.0	
100	QPSK	220	3492	18.81	18.84	18.87	17.7	0.0	
100	QPSK	220	3558	18.86	18.89	18.92	17.7	0.0	
100	QPSK	220	3624	18.91	18.94	18.97	17.7	0.0	
100	QPSK	220	3690	18.96	18.99	19.02	17.7	0.0	
100	QPSK	220	3756	19.01	19.04	19.07	17.7	0.0	
100	QPSK	220	3822	19.06	19.09	19.12	17.7	0.0	
100	QPSK	220	3888	19.11	19.14	19.17	17.7	0.0	
100	QPSK	220	3954	19.16	19.19	19.22	17.7	0.0	
100	QPSK	220	4020	19.21	19.24	19.27	17.7	0.0	
100	QPSK	220	4086	19.26	19.29	19.32	17.7	0.0	
100	QPSK	220	4152	19.31	19.34	19.37	17.7	0.0	
100	QPSK	220	4218	19.36	19.39	19.42	17.7	0.0	
100	QPSK	220	4284	19.41	19.44	19.47	17.7	0.0	
100	QPSK	220	4350	19.46	19.49	19.52	17.7	0.0	
100	QPSK	220	4416	19.51	19.54	19.57	17.7	0.0	
100	QPSK	220	4482	19.56	19.59	19.62	17.7	0.0	
100	QPSK	220	4548	19.61	19.64	19.67	17.7	0.0	
100	QPSK	220	4614	19.66	19.69	19.72	17.7	0.0	
100	QPSK	220	4680	19.71	19.74	19.77	17.7	0.0	
100	QPSK	220	4746	19.76	19.79	19.82	17.7	0.0	
100	QPSK	220	4812	19.81	19.84	19.87	17.7	0.0	
100	QPSK	220	4878	19.86	19.89	19.92	17.7	0.0	
100	QPSK	220	4944	19.91	19.94	19.97	17.7	0.0	
100	QPSK	220	5010	19.96	19.99	20.02	17.7	0.0	
100	QPSK	220	5076	20.01	20.04	20.07	17.7	0.0	
100	QPSK	220	5142	20.06	20.09	20.12	17.7	0.0	
100	QPSK	220	5208	20.11	20.14	20.17	17.7	0.0	
100	QPSK	220	5274	20.16	20.19	20.22	17.7	0.0	
100	QPSK	220	5340	20.21	20.24	20.27	17.7	0.0	
100	QPSK	220	5406	20.26	20.29	20.32	17.7	0.0	
100	QPSK	220	5472	20.31	20.34	20.37	17.7	0.0	
100	QPSK	220	5538	20.36	20.39	20.42	17.7	0.0	
100	QPSK	220	5604	20.41	20.44	20.47	17.7	0.0	
100	QPSK	220	5670	20.46	20.49	20.52	17.7	0.0	
100	QPSK	220	5736	20.51	20.54	20.57	17.7	0.0	
100	QPSK	220	5802	20.56	20.59	20.62	17.7	0.0	
100	QPSK	220	5868	20.61	20.64	20.67	17.7	0.0	
100	QPSK	220	5934	20.66	20.69	20.72	17.7	0.0	
100	QPSK	220	6000	20.71	20.74	20.77	17.7	0.0	
100	QPSK	220	6066	20.76	20.79	20.82	17.7	0.0	
100	QPSK	220	6132	20.81	20.84	20.87	17.7	0.0	
100	QPSK	220	6198	20.86	20.89	20.92	17.7	0.0	
100	QPSK	220	6264	20.91	20.94	20.97	17.7	0.0	
100	QPSK	220	6330	20.96	20.99	21.02	17.7	0.0	
100	QPSK	220	6396	21.01	21.04	21.07	17.7	0.0	
100	QPSK	220	6462	21.06	21.09	21.12	17.7	0.0	
100	QPSK	220	6528	21.11	21.14	21.17	17.7	0.0	
100	QPSK	220	6594	21.16	21.19	21.22	17.7	0.0	
100	QPSK	220	6660	21.21	21.24	21.27	17.7	0.0	
100	QPSK	220	6726	21.26	21.29	21.32	17.7	0.0	
100	QPSK	220	6792	21.31	21.34	21.37	17.7	0.0	
100	QPSK	220	6858	21.36	21.39	21.42	17.7	0.0	
100	QPSK	220	6924	21.41	21.44	21.47	17.7	0.0	
100	QPSK	220	6990	21.46	21.49	21.52	17.7	0.0	
100	QPSK	220	7056	21.51	21.54	21.57	17.7	0.0	
100	QPSK	220	7122	21.56	21.59	21.62	17.7	0.0	
100	QPSK	220	7188	21.61	21.64	21.67	17.7	0.0	
100	QPSK	220	7254	21.66	21.69	21.72	17.7	0.0	
100	QPSK	220	7320	21.71	21.74	21.77	17.7	0.0	
100	QPSK	220	7386	21.76	21.79	21.82	17.7	0.0	
100	QPSK	220	7452	21.81	21.84	21.87	17.7	0.0	
100	QPSK	220	7518	21.86	21.89	21.92	17.7	0.0	
100	QPSK	220	7584	21.91	21.94	21.97	17.7	0.0	
100	QPSK	220	7650	21.96	21.99	22.02	17.7	0.0	
100	QPSK	220	7716	22.01	22.04	22.07	17.7	0.0	
100	QPSK	220	7782	22.06	22.09	22.12	17.7	0.0	
100	QPSK	220	7848	22.11	22.14	22.17	17.7	0.0	
100	QPSK	220	7914	22.16	22.19	22.22	17.7	0.0	
100	QPSK	220	7980	22.21	22.24	22.27	17.7	0.0	
100	QPSK	220	8046	22.26	22.29	22.32	17.7	0.0	
100	QPSK	220	8112	22.31	22.34	22.37	17.7	0.0	
100	QPSK	220	8178	22.36	22.39	22.42	17.7	0.0	
100	QPSK	220	8244	22.41	22.44	22.47	17.7	0.0	
100	QPSK	220	8310	22.46	22.49	22.52	17.7	0.0	
100	QPSK	220	8376	22.51	22.54	22.57	17.7	0.0	
100	QPSK	220	8442	22.56	22.59	22.62	17.7	0.0	
100	QPSK	220							

Part27Q n78_Ant 6 PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac.)	Power Max Ch. (Frac.)	Power High Ch. (Frac.)	Turn-up time (dBm)	APRS (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		15.55				
100	P12 BPSK	1	137		15.55		16.5	0.0	
100	P12 BPSK	1	271		15.45				
100	P12 BPSK	135	0		15.45		16.5	0.0	
100	P12 BPSK	135	68		15.55		16.5	0.0	
100	P12 BPSK	135	136		15.35		16.5	0.0	
100	P12 BPSK	270	0		15.45				
100	QPSK	1	1		15.55				
100	QPSK	1	137		15.45		16.5	0.0	
100	QPSK	1	271		15.45				
100	QPSK	135	0		15.35		16.5	0.0	
100	QPSK	135	68		15.35		16.5	0.0	
100	QPSK	135	136		15.25		16.5	0.0	
100	QPSK	270	0		15.45		16.5	0.0	
100	12QAM	1	1		15.65		16.5	0.0	
100	12QAM	1	1		15.55		16.5	0.0	
100	25QAM	1	1		15.35		16.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.46	15.55	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		15.52	15.60	16.45	0.0	
Channel									
Frequency									



Uplink CA Power

CA_41C_Ant 0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default Power	20.83	22.00
40185	39987	QPSK	1	0	0	0	1	0	Default Power	20.9	22.00
40620	40422	QPSK	1	0	0	0	1	0	Default Power	20.95	22.00
41055	40857	QPSK	1	0	0	0	1	0	Default Power	20.83	22.00
41490	41292	QPSK	1	0	0	0	1	0	Default Power	20.81	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	20.83	22.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 1	20.9	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 1	20.95	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 1	20.83	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	20.81	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	18.74	20.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 3	18.84	20.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 3	18.99	20.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 3	18.81	20.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	18.8	20.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	20.83	22.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 4	20.9	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 4	20.95	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 4	20.83	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	20.81	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 5	18.74	20.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 5	18.84	20.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 5	18.99	20.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 5	18.81	20.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 5	18.8	20.00

CA_41C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default Power	21.62	23.00
40185	39987	QPSK	1	0	0	0	1	0	Default Power	21.64	23.00
40620	40422	QPSK	1	0	0	0	1	0	Default Power	21.73	23.00
41055	40857	QPSK	1	0	0	0	1	0	Default Power	21.66	23.00
41490	41292	QPSK	1	0	0	0	1	0	Default Power	21.65	23.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	16.14	17.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 1	16.08	17.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 1	16.21	17.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 1	16.17	17.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	16.13	17.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	19.72	21.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 3	19.69	21.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 3	19.77	21.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 3	19.66	21.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	19.71	21.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	21.62	23.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 4	21.64	23.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 4	21.73	23.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 4	21.66	23.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	21.65	23.00
39750	39948	QPSK	50	0	0	0	1	0	DSI 5	16.14	17.50
40185	39987	QPSK	50	0	0	0	1	0	DSI 5	16.08	17.50
40620	40422	QPSK	50	0	0	0	1	0	DSI 5	16.21	17.50
41055	40857	QPSK	50	0	0	0	1	0	DSI 5	16.17	17.50
41490	41292	QPSK	50	0	0	0	1	0	DSI 5	16.13	17.50

CA_41C_Ant 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default Power	23.64	24.50
40185	39987	QPSK	1	0	0	0	1	0	Default Power	23.59	24.50
40620	40422	QPSK	1	0	0	0	1	0	Default Power	23.68	24.50
41055	40857	QPSK	1	0	0	0	1	0	Default Power	23.55	24.50
41490	41292	QPSK	1	0	0	0	1	0	Default Power	23.62	24.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	23.64	24.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 1	23.59	24.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 1	23.68	24.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 1	23.55	24.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	23.62	24.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	22.66	23.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 3	22.59	23.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 3	22.68	23.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 3	22.57	23.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	22.64	23.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	23.64	24.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 4	23.59	24.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 4	23.68	24.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 4	23.55	24.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	23.62	24.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 5	22.66	23.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 5	22.59	23.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 5	22.68	23.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 5	22.57	23.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 5	22.64	23.50

CA_41C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default Power	23.34	25.00
40185	39987	QPSK	1	0	0	0	1	0	Default Power	23.28	25.00
40620	40422	QPSK	1	0	0	0	1	0	Default Power	23.37	25.00
41055	40857	QPSK	1	0	0	0	1	0	Default Power	23.21	25.00
41490	41292	QPSK	1	0	0	0	1	0	Default Power	23.27	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	19.76	21.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 1	19.79	21.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 1	19.83	21.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 1	19.75	21.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	19.68	21.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	22.31	24.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 3	22.32	24.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 3	22.35	24.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 3	22.31	24.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	22.28	24.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	23.34	25.00
40185	39987	QPSK	1	0	0	0	1	0	DSI 4	23.28	25.00
40620	40422	QPSK	1	0	0	0	1	0	DSI 4	23.37	25.00
41055	40857	QPSK	1	0	0	0	1	0	DSI 4	23.21	25.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	23.27	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 5	19.76	21.50
40185	39987	QPSK	1	0	0	0	1	0	DSI 5	19.79	21.50
40620	40422	QPSK	1	0	0	0	1	0	DSI 5	19.83	21.50
41055	40857	QPSK	1	0	0	0	1	0	DSI 5	19.75	21.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 5	19.68	21.50

CA_42C_Ant 4											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
42190	42388	QPSK	1	0	0	0	1	0	Default Power	23.16	25.00
42590	42788	QPSK	1	0	0	0	1	0	Default Power	23.19	25.00
42990	42792	QPSK	1	0	0	0	1	0	Default Power	23.11	25.00
42190	42388	QPSK	1	0	0	0	1	0	DSI 1	21.66	23.50
42590	42788	QPSK	1	0	0	0	1	0	DSI 1	21.68	23.50
42990	42792	QPSK	1	0	0	0	1	0	DSI 1	21.56	23.50
42190	42388	QPSK	1	0	0	0	1	0	DSI 3	21.13	23.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 3	21.21	23.00
42990	42792	QPSK	1	0	0	0	1	0	DSI 3	21.07	23.00
42190	42388	QPSK	1	0	0	0	1	0	DSI 4	23.16	25.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 4	23.19	25.00
42990	42792	QPSK	1	0	0	0	1	0	DSI 4	23.11	25.00
42190	42388	QPSK	50	0	0	0	1	0	DSI 5	21.13	23.00
42590	42788	QPSK	50	0	0	0	1	0	DSI 5	21.21	23.00
42990	42792	QPSK	50	0	0	0	1	0	DSI 5	21.07	23.00



Downlink CA Power

Full Power																	
2CC																	
Configure		CA Configuration (BCS)	PCC						SCC				Power				
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)		
Inter-Band		CA_41A-42A	Band 41	20M	2593	40620	QPSK	1	0	Band 42	20M	3500	42590	23.12	23.39		
Intra-Band	Contiguous	CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	23.09	23.39		
		CA_42C	Band 42	20M	3560	43190	QPSK	1	0	Band 42	20M	3579.00	43388	22.98	23.29		

3CC																			
Configure		CA Configuration (BCS)	PCC						SCC1				SCC2				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	Non-Contiguous	CA_41A-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 42	20M	3560	43190	Band 42	20M	3579	43388	23.19	23.39
		CA_42A-41C	Band 42	20M	3500	42590	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.96	23.29

4CC																							
Configure		CA Configuration (BCS)	PCC						SCC1				SCC2				SCC3				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	Non-Contiguous	CA_41C-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	Band 42	20M	3560	43190	Band 42	20M	3579	43388	23.21	23.39



2.4GHz WLAN				Default Power			Default Power			Default Power			Head(Standalone)			Head(Standalone)			Head(Standalone)		
				Art. 16			Art. 18			Art. 16+18			Art. 16			Art. 18			Art. 16+18		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.19	20.50	100.00	19.58	20.50	100.00	22.40	23.50	100.00	14.73	16.00	100.00	15.06	16.00	100.00	17.79	19.00	100.00
		6	2437	19.61	20.50		19.44	20.50		22.54	23.50		15.17	16.00		14.86	16.00		18.01	19.00	
		11	2462	19.39	20.50		19.62	20.50		22.52	23.50		14.79	16.00		15.04	16.00		17.94	19.00	
	802.11g @Mbps	1	2412	16.09	17.00	99.31	16.32	17.00	99.31	16.73	20.00	99.31	16.00	16.00	99.31	16.00	16.00	99.31	19.00	19.00	99.31
		2	2417	16.92	20.00		16.78	20.00		21.86	23.00		16.00	16.00		16.00	16.00		19.00	19.00	
		6	2437	19.21	20.00		19.14	20.00		22.19	23.00		16.00	16.00		16.00	16.00		19.00	19.00	
	802.11n-HT20 MCS0	11	2462	17.96	19.00	100.00	18.27	19.00	100.00	21.13	22.00	100.00	16.00	16.00	100.00	16.00	16.00	100.00	19.00	19.00	100.00
		1	2412	16.79	18.00		17.04	18.00		19.92	21.00		16.00	16.00		16.00	16.00		19.00	19.00	
		6	2437	16.66	20.00		16.59	20.00		21.58	23.00		16.00	16.00		16.00	16.00		19.00	19.00	
	802.11n-HT40 MCS0	11	2462	17.05	19.00	100.00	17.51	19.00	100.00	20.30	22.00	100.00	16.00	16.00	100.00	16.00	16.00	100.00	19.00	19.00	100.00
		3	2422	15.95	17.50		15.92	17.50		18.95	20.50		16.00	16.00		16.00	16.00		19.00	19.00	
		6	2437	17.98	19.50		17.82	19.50		20.91	22.50		16.00	16.00		16.00	16.00		19.00	19.00	
	802.11n-HT20 MCS0	9	2452	15.31	16.50	100.00	14.83	16.50	100.00	18.09	19.50	100.00	16.00	16.00	100.00	16.00	16.00	100.00	19.00	19.00	100.00
		1	2412	16.87	18.50		17.08	18.50		19.99	21.50		16.00	16.00		16.00	16.00		19.00	19.00	
		6	2437	19.14	20.50		19.07	20.50		22.12	23.50		16.00	16.00		16.00	16.00		19.00	19.00	
	802.11n-HE40 MCS0	11	2462	17.18	19.00	100.00	17.62	19.00	100.00	20.42	22.00	100.00	16.00	16.00	100.00	16.00	16.00	100.00	19.00	19.00	100.00
		3	2422	16.12	17.50		16.01	17.50		19.08	20.50		16.00	16.00		16.00	16.00		19.00	19.00	
		6	2437	18.04	19.50		17.88	19.50		20.97	22.50		16.00	16.00		16.00	16.00		19.00	19.00	
	802.11n-HE40 MCS0	9	2452	15.37	16.50	100.00	14.86	16.50	100.00	18.13	19.50	100.00	16.00	16.00	100.00	16.00	16.00	100.00	19.00	19.00	100.00
	802.11n-HE20 MCS0					100.00			100.00			100.00	Not Required	16.00	100.00	Not Required	16.00	100.00	Not Required	19.00	100.00
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
	802.11n-HE20 MCS0					100.00			100.00			100.00	Not Required	16.00	100.00	Not Required	16.00	100.00	Not Required	19.00	100.00
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
	802.11n-HE20 MCS0					100.00			100.00			100.00	Not Required	16.00	100.00	Not Required	16.00	100.00	Not Required	19.00	100.00
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
	802.11n-HE40 MCS0					100.00			100.00			100.00	Not Required	16.00	100.00	Not Required	16.00	100.00	Not Required	19.00	100.00
													Not Required	16.00		Not Required	16.00		Not Required	19.00	
													Not Required	16.00		Not Required	16.00		Not Required	19.00	

