DASY/EASY - Parameters of Probe: EX3DV4 - SN:3857

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
750	41.9	0.89	9.42	9.42	9.42	0.57	0.80	± 12.0 %
835	41.5	0.90	9.18	9.18	9.18	0.37	1.00	± 12.0 %
900	41.5	0.97	9.02	9.02	9.02	0.22	1.46	± 12.0 %
1450	40.5	1.20	8.71	8.71	8.71	0.48	0.80	± 12.0 %
1750	40.1	1.37	8.13	8.13	8.13	0.31	0.86	± 12.0 %
1900	40.0	1.40	7.86	7.86	7.86	0.37	0.86	± 12.0 %
2000	40.0	1.40	7.79	7.79	7.79	0.41	0.86	± 12.0 %
2300	39.5	1.67	7.60	7.60	7.60	0.34	0.92	± 12.0 %
2450	39.2	1.80	7.53	7.53	7.53	0.30	0.92	± 12.0 %
2600	39.0	1.96	7.28	7.28	7.28	0.35	0.92	± 12.0 %
3300	38.2	2.71	6.72	6.72	6.72	0.30	1.35	± 14.0 %
3500	37.9	2.91	6.65	6.65	6.65	0.30	1.35	± 14.0 %
3700	37.7	3.12	6.60	6.60	6.60	0.30	1.35	± 14.0 %
3900	37.5	3.32	6.58	6.58	6.58	0.40	1.50	± 14.0 %
4100	37.2	3.53	6.11	6.11	6.11	0.35	1.50	± 14.0 %
4200	37.1	3.63	6.00	6.00	6.00	0.35	1.50	± 14.0 %
4400	36.9	3.84	5.94	5.94	5.94	0.35	1.70	± 14.0 %
4600	36.7	4.04	5.88	5.88	5.88	0.40	1.70	± 14.0 %
4800	36.4	4.25	5.76	5.76	5.76	0.40	1.80	± 14.0 %
4950	36.3	4.40	5.47	5.47	5.47	0.40	1.80	± 14.0 %
5250	35.9	4.71	5.05	5.05	5.05	0.40	1.80	± 14.0 %
5600	35.5	5.07	4.69	4.69	4.69	0.40	1.80	± 14.0 %
5750	35.4	5.22	4.92	4.92	4.92	0.40	1.80	± 14.0 %

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.
[F] At frequencies up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.
[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3857

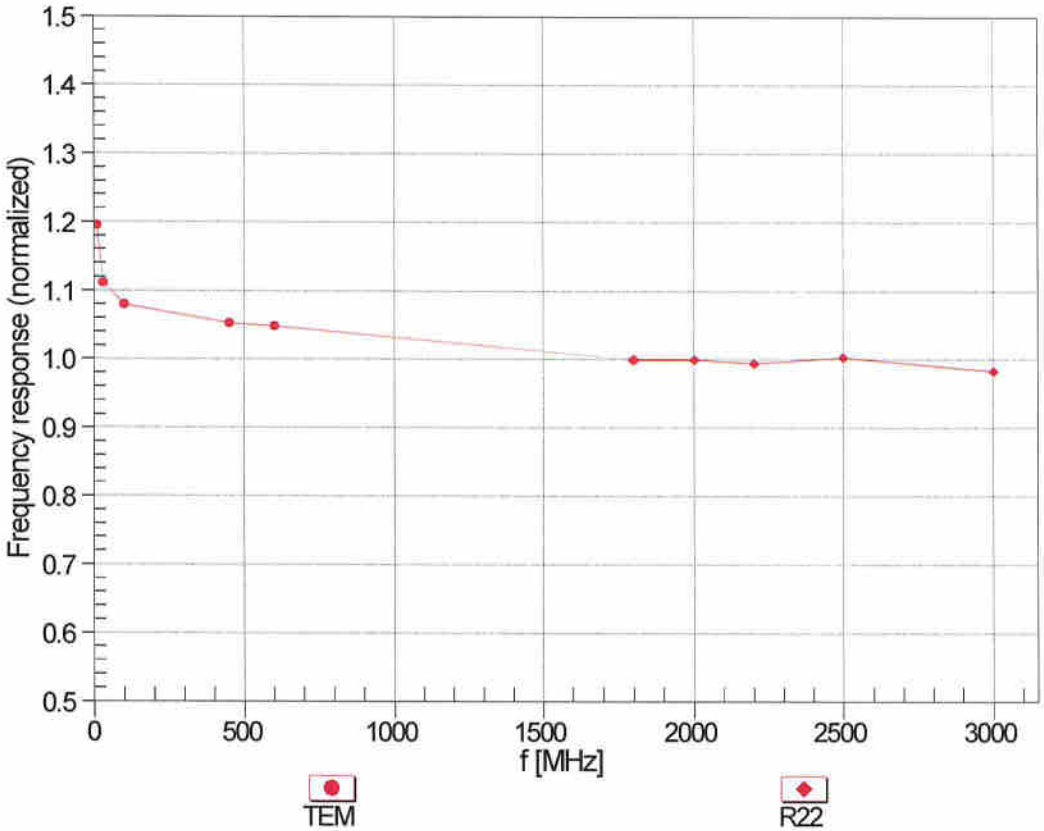
Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
6500	34.5	6.07	5.50	5.50	5.50	0.20	2.50	± 18.6 %

[C] Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.
[F] At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.
[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; below ± 2% for frequencies between 3-6 GHz; and below ± 4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field

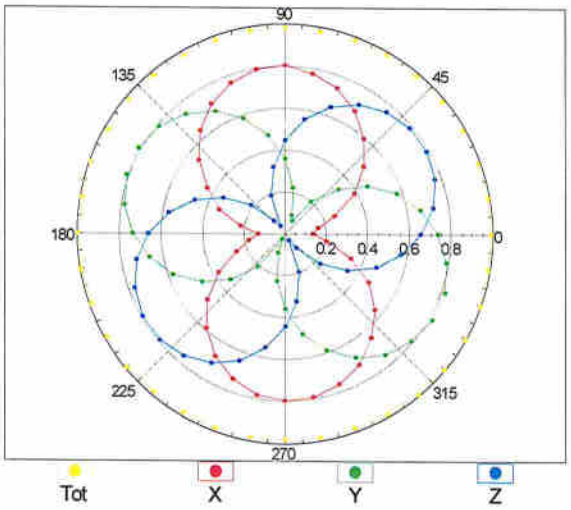
(TEM-Cell:ifi110 EXX, Waveguide: R22)



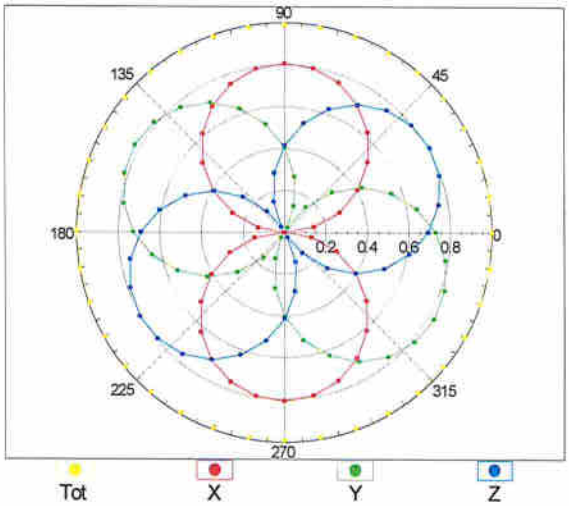
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

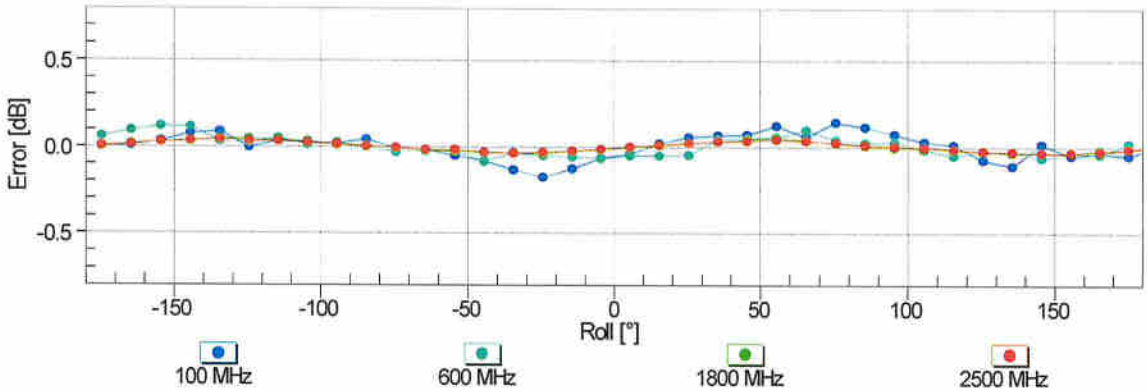
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22

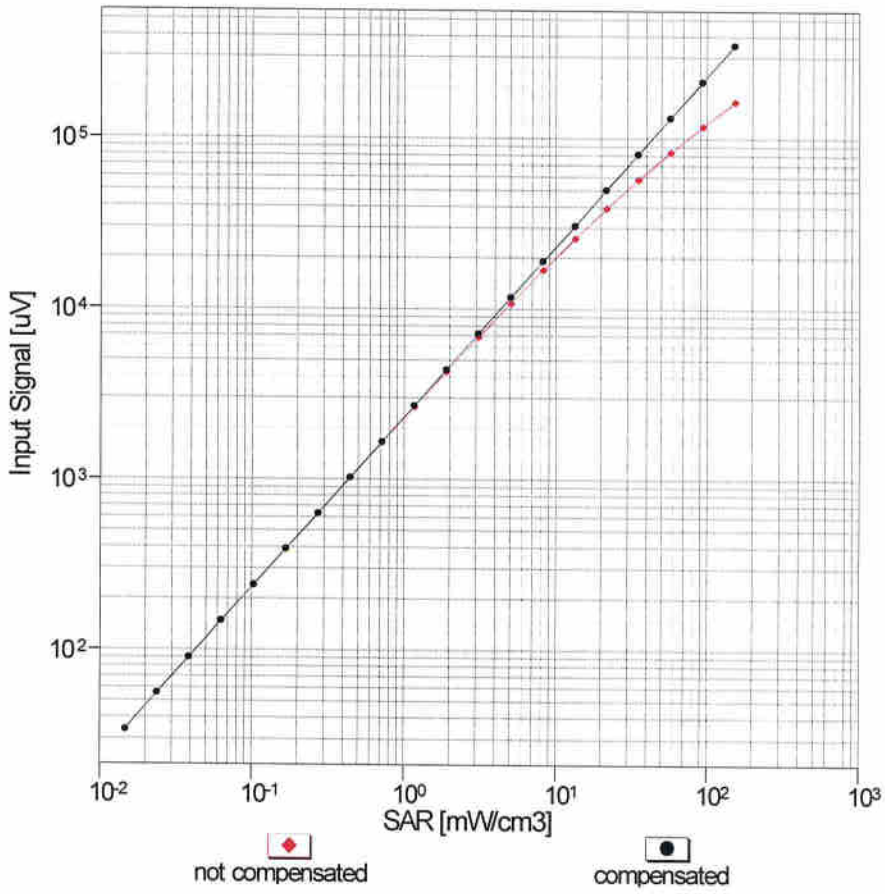


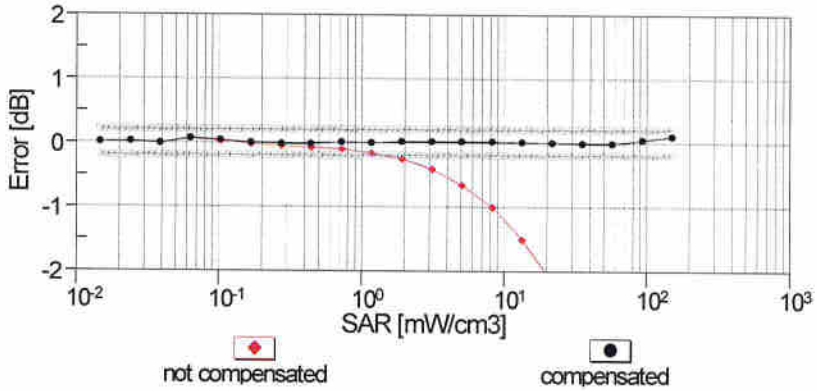


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

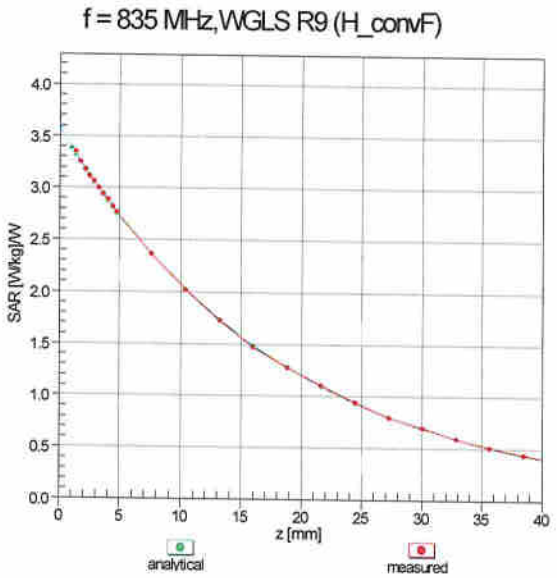
(TEM cell , f_{eval}= 1900 MHz)

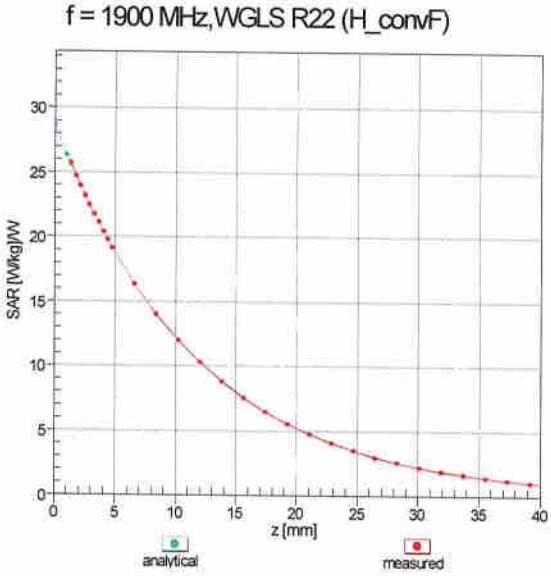




Uncertainty of Linearity Assessment: ± 0.6% (k=2)

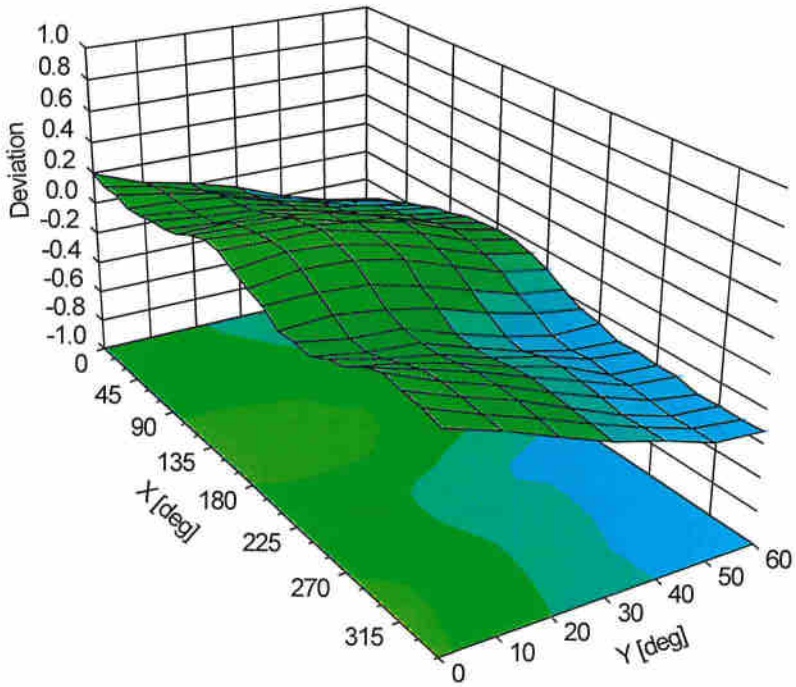
Conversion Factor Assessment

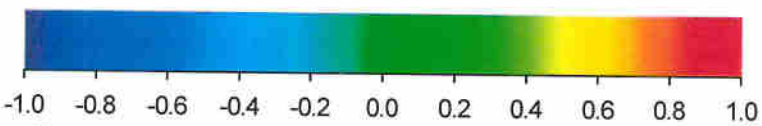




Deviation from Isotropy in Liquid

Error (ϕ, ϑ), f = 900 MHz





Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc[E] (k=2)
0	-	CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %

10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %

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, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

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

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

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

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

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

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

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

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

	GSM850 Ant0_Full Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 2 Tx slots	29.15	28.84	29.08	30.00	23.15	22.84	23.08	24.00
GPRS 3 Tx slots	28.46	28.50	28.38	29.50	24.20	24.24	24.12	25.24
GPRS 4 Tx slots	26.17	26.08	25.94	27.50	23.17	23.08	22.94	24.50
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

	GSM1900 Ant0_Full Power							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 2 Tx slots	26.54	26.48	26.63	27.50	20.54	20.48	20.63	21.50
GPRS 3 Tx slots	25.14	25.17	25.10	26.50	20.88	20.91	20.84	22.24
GPRS 4 Tx slots	22.28	22.43	22.34	24.00	19.28	19.43	19.34	21.00
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.50	18.34	18.22	18.29	19.24
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

		WCDMA II Ant0_Full Power				WCDMA V Ant0_Full Power			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.30	24.32	24.25	25.00	24.35	24.38	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.35	24.41	24.33	25.00	24.38	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.02	23.01	24.00	23.30	23.40	23.46	24.00
3GPP Rel 6	HSDPA Subtest-2	23.14	23.07	23.05	24.00	23.30	23.37	23.47	24.00
3GPP Rel 6	HSDPA Subtest-3	22.63	22.54	22.51	23.50	22.79	22.87	22.96	23.50
3GPP Rel 6	HSDPA Subtest-4	22.53	22.55	22.45	23.50	22.80	22.85	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.99	22.86	22.95	24.00	23.12	23.23	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.09	22.94	22.91	24.00	23.16	23.17	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.50	22.45	23.50	22.85	22.91	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.66	22.63	22.62	23.50	22.82	22.78	22.95	23.50
3GPP Rel 6	HSUPA Subtest-1	23.11	23.05	23.06	24.00	23.35	23.36	23.44	24.00
3GPP Rel 6	HSUPA Subtest-2	21.12	21.10	21.02	22.00	21.29	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-3	22.14	22.06	22.01	23.00	22.31	22.37	22.43	23.00
3GPP Rel 6	HSUPA Subtest-4	21.10	21.06	21.04	22.00	21.25	21.39	21.45	22.00
3GPP Rel 6	HSUPA Subtest-5	23.17	23.19	23.20	24.00	23.30	23.33	23.40	24.00

	GSM850 Ant1_Full Power							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 2 Tx slots	29.28	29.04	29.05	30.00	23.28	23.04	23.05	24.00
GPRS 3 Tx slots	28.38	28.14	28.08	29.50	24.12	23.88	23.82	25.24
GPRS 4 Tx slots	26.32	26.03	26.01	27.50	23.32	23.03	23.01	24.50
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

		WCDMA V Ant1_Full Power			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.61	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	23.54	23.87	23.77	24.50
3GPP Rel 6	HSDPA Subtest-1	22.65	22.77	22.90	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.74	22.89	23.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.28	22.40	23.00
3GPP Rel 6	HSDPA Subtest-4	22.13	22.25	22.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.72	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.58	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.17	22.25	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.21	22.46	23.00
3GPP Rel 6	HSUPA Subtest-1	22.62	22.76	22.86	23.50
3GPP Rel 6	HSUPA Subtest-2	20.60	20.73	20.84	21.50
3GPP Rel 6	HSUPA Subtest-3	21.63	21.71	21.83	22.50
3GPP Rel 6	HSUPA Subtest-4	20.62	20.67	20.85	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.80	23.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	23.15	22.89	24	0
20	QPSK	1	49	22.81	22.76	22.71		
20	QPSK	1	99	22.79	22.74	22.68		
20	QPSK	50	0	22.80	22.83	22.77	24	0
20	QPSK	50	24	22.65	22.81	22.82		
20	QPSK	50	50	22.79	22.74	22.80		
20	QPSK	100	0	22.83	22.85	22.82		
20	16QAM	1	0	23.10	23.01	23.11	24	0
20	16QAM	1	49	23.05	23.14	23.13		
20	16QAM	1	99	23.05	23.00	23.01		
20	16QAM	50	0	22.39	22.35	22.36	24	0
20	16QAM	50	24	22.44	22.40	22.42		
20	16QAM	50	50	22.40	22.34	22.37		
20	16QAM	100	0	22.44	22.40	22.41		
20	64QAM	1	0	22.88	22.88	22.88	24	0
20	64QAM	1	49	23.03	22.94	22.89		
20	64QAM	1	99	22.77	22.80	22.85		
20	64QAM	50	0	22.40	22.34	22.36	24	0
20	64QAM	50	24	22.44	22.40	22.31		
20	64QAM	50	50	22.38	22.35	22.39		
20	64QAM	100	0	22.40	22.39	22.41		
20	256QAM	1	0	19.07	19.15	19.13	20	4
20	256QAM	1	49	19.05	19.11	19.07		
20	256QAM	1	99	19.03	19.10	19.10		
20	256QAM	50	0	18.90	18.95	18.87	20	4
20	256QAM	50	24	18.79	18.85	18.87		
20	256QAM	50	50	18.83	18.87	18.78		
20	256QAM	100	0	18.82	18.89	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.65	22.63	22.65	24	0
15	QPSK	1	37	22.69	22.67	22.69		
15	QPSK	1	74	22.60	22.52	22.60		
15	QPSK	36	0	22.66	22.65	22.64	24	0
15	QPSK	36	20	22.69	22.70	22.64		
15	QPSK	36	39	22.66	22.66	22.68		
15	QPSK	75	0	22.72	22.66	22.65		
15	16QAM	1	0	23.12	22.88	22.93	24	0
15	16QAM	1	37	22.98	22.99	22.99		
15	16QAM	1	74	22.82	22.87	22.90		
15	16QAM	36	0	22.27	22.22	22.26	24	0
15	16QAM	36	20	22.33	22.31	22.25		
15	16QAM	36	39	22.29	22.24	22.28		
15	16QAM	75	0	22.32	22.27	22.22		
15	64QAM	1	0	22.85	22.67	22.77	24	0
15	64QAM	1	37	22.86	22.81	22.82		
15	64QAM	1	74	22.76	22.73	22.63		
15	64QAM	36	0	22.27	22.23	22.25	24	0
15	64QAM	36	20	22.33	22.30	22.24		
15	64QAM	36	39	22.28	22.26	22.29		
15	64QAM	75	0	22.33	22.28	22.23		
15	256QAM	1	0	18.98	19.06	19.11	20	4
15	256QAM	1	37	19.00	19.06	18.96		
15	256QAM	1	74	19.01	19.01	19.06		
15	256QAM	36	0	18.88	18.95	18.80	20	4
15	256QAM	36	20	18.72	18.79	18.78		
15	256QAM	36	39	18.72	18.86	18.68		
15	256QAM	75	0	18.78	18.79	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.77	22.74	22.77	24	0
10	QPSK	1	25	22.77	22.77	22.78		
10	QPSK	1	49	22.65	22.61	22.72		
10	QPSK	25	0	22.80	22.75	22.78	24	0
10	QPSK	25	12	22.86	22.80	22.76		
10	QPSK	25	25	22.79	22.74	22.76		
10	QPSK	50	0	22.82	22.78	22.75		
10	16QAM	1	0	23.02	23.08	23.11	24	0
10	16QAM	1	25	23.09	23.10	23.11		
10	16QAM	1	49	23.04	22.96	23.05		
10	16QAM	25	0	22.39	22.35	22.40	24	0
10	16QAM	25	12	22.46	22.43	22.40		
10	16QAM	25	25	22.37	22.35	22.45		
10	16QAM	50	0	22.38	22.37	22.36		
10	64QAM	1	0	23.01	22.95	22.87	24	0
10	64QAM	1	25	22.90	22.90	22.95		
10	64QAM	1	49	22.78	22.80	22.85		
10	64QAM	25	0	22.37	22.36	22.41	24	0
10	64QAM	25	12	22.46	22.42	22.41		
10	64QAM	25	25	22.36	22.33	22.40		
10	64QAM	50	0	22.39	22.35	22.35		
10	256QAM	1	0	19.08	19.12	19.12	20	4
10	256QAM	1	25	18.95	19.10	18.99		
10	256QAM	1	49	18.97	19.03	19.01		
10	256QAM	25	0	18.79	18.95	18.88	20	4
10	256QAM	25	12	18.71	18.81	18.78		
10	256QAM	25	25	18.79	18.87	18.71		
10	256QAM	50	0	18.74	18.82	18.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.76	22.77		
5	QPSK	1	24	22.68	22.67	22.70		
5	QPSK	12	0	22.86	22.75	22.78	24	0
5	QPSK	12	7	22.83	22.80	22.81		
5	QPSK	12	13	22.73	22.70	22.72		
5	QPSK	25	0	22.78	22.74	22.80		
5	16QAM	1	0	23.14	23.06	23.09	24	0
5	16QAM	1	12	22.68	22.71	23.12		
5	16QAM	1	24	23.12	23.08	23.04		
5	16QAM	12	0	22.46	22.35	22.43	24	0
5	16QAM	12	7	22.43	22.39	22.46		
5	16QAM	12	13	22.35	22.33	22.40		
5	16QAM	25	0	22.35	22.38	22.42		
5	64QAM	1	0	22.90	22.81	22.85	24	0
5	64QAM	1	12	22.97	22.95	22.87		
5	64QAM	1	24	22.89	22.79	22.89		
5	64QAM	12	0	22.44	22.33	22.44	24	0
5	64QAM	12	7	22.41	22.41	22.50		
5	64QAM	12	13	22.32	22.32	22.40		
5	64QAM	25	0	22.36	22.35	22.41		
5	256QAM	1	0	19.04	19.06	19.05	20	4
5	256QAM	1	12	18.97	19.01	18.98		
5	256QAM	1	24	18.98	19.10	19.01		
5	256QAM	12	0	18.91	18.91	18.80	20	4
5	256QAM	12	7	18.68	18.76	18.83		
5	256QAM	12	13	18.80	18.85	18.68		
5	256QAM	25	0	18.80	18.87	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.90	22.74	24	0
3	QPSK	1	8	22.71	22.81	22.75		
3	QPSK	1	14	22.58	22.79	22.58		
3	QPSK	8	0	22.82	22.73	22.75	24	0
3	QPSK	8	4	22.79	22.79	22.72		
3	QPSK	8	7	22.71	22.72	22.72		
3	QPSK	15	0	22.75	22.73	22.70		
3	16QAM	1	0	23.14	23.03	23.09	24	0
3	16QAM	1	8	23.14	23.14	23.13		
3	16QAM	1	14	22.95	23.01	22.99		
3	16QAM	8	0	22.45	22.37	22.41	24	0
3	16QAM	8	4	22.43	22.44	22.44		
3	16QAM	8	7	22.43	22.39	22.43		
3	16QAM	15	0	22.37	22.38	22.37		
3	64QAM	1	0	22.91	22.89	22.83	24	0
3	64QAM	1	8	22.80	22.95	22.94		
3	64QAM	1	14	22.76	22.73	22.71		
3	64QAM	8	0	22.45	22.30	22.40	24	0
3	64QAM	8	4	22.35	22.38	22.39		
3	64QAM	8	7	22.33	22.28	22.38		
3	64QAM	15	0	22.26	22.36	22.35		
3	256QAM	1	0	19.02	19.13	19.02	20	4
3	256QAM	1	8	18.96	19.05	18.97		
3	256QAM	1	14	18.97	19.10	19.06		
3	256QAM	8	0	18.88	18.93	18.84	20	4
3	256QAM	8	4	18.78	18.76	18.76		
3	256QAM	8	7	18.74	18.87	18.72		
3	256QAM	15	0	18.72	18.82	18.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.73	22.74	22.78	24	0
1.4	QPSK	1	3	22.74	22.72	22.75		
1.4	QPSK	1	5	22.41	22.65	22.68		
1.4	QPSK	3	0	22.56	22.78	22.79		
1.4	QPSK	3	1	22.79	22.74	22.79		
1.4	QPSK	3	3	22.72	22.70	22.73		
1.4	QPSK	6	0	22.76	22.75	22.75	24	0
1.4	16QAM	1	0	23.11	23.07	23.09	24	0
1.4	16QAM	1	3	23.09	23.08	23.13		
1.4	16QAM	1	5	23.08	23.01	23.10		
1.4	16QAM	3	0	22.93	22.91	22.95		
1.4	16QAM	3	1	22.95	22.89	22.94		
1.4	16QAM	3	3	22.86	22.82	22.92		
1.4	16QAM	6	0	22.45	22.38	22.48	24	0
1.4	64QAM	1	0	22.92	22.97	22.90	24	0
1.4	64QAM	1	3	22.95	22.85	22.87		
1.4	64QAM	1	5	22.84	22.77	22.64		
1.4	64QAM	3	0	22.92	22.76	22.56		
1.4	64QAM	3	1	22.84	22.91	22.77		
1.4	64QAM	3	3	22.80	22.60	22.49		
1.4	64QAM	6	0	22.37	22.38	22.42	24	0
1.4	256QAM	1	0	19.05	19.11	19.07	20	4
1.4	256QAM	1	3	19.03	19.06	18.98		
1.4	256QAM	1	5	18.93	19.08	19.08		
1.4	256QAM	3	0	18.82	18.87	18.79		
1.4	256QAM	3	1	18.73	18.83	18.79		
1.4	256QAM	3	3	18.77	18.84	18.78		
1.4	256QAM	6	0	18.79	18.90	18.78	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.93	22.98	22.91	24	0
20	QPSK	1	49	22.83	22.74	22.84		
20	QPSK	1	99	22.82	22.79	22.81		
20	QPSK	50	0	22.91	22.96	22.94	24	0
20	QPSK	50	24	22.86	22.90	22.83		
20	QPSK	50	50	22.91	22.88	22.83		
20	QPSK	100	0	22.74	22.87	22.80		
20	16QAM	1	0	22.87	22.79	22.83	24	0
20	16QAM	1	49	22.87	22.78	22.86		
20	16QAM	1	99	22.87	22.73	22.92		
20	16QAM	50	0	22.52	22.51	22.47	24	0
20	16QAM	50	24	22.60	22.50	22.45		
20	16QAM	50	50	22.52	22.47	22.43		
20	16QAM	100	0	22.57	22.46	22.39		
20	64QAM	1	0	22.75	22.73	22.91	24	0
20	64QAM	1	49	22.72	22.69	22.84		
20	64QAM	1	99	22.82	22.88	22.76		
20	64QAM	50	0	22.54	22.52	22.49	24	0
20	64QAM	50	24	22.58	22.50	22.53		
20	64QAM	50	50	22.61	22.48	22.46		
20	64QAM	100	0	22.55	22.47	22.51		
20	256QAM	1	0	19.23	19.32	19.38	20	4
20	256QAM	1	49	19.12	19.31	19.23		
20	256QAM	1	99	19.18	19.31	19.28		
20	256QAM	50	0	19.04	19.14	19.06	20	4
20	256QAM	50	24	18.87	19.06	19.06		
20	256QAM	50	50	19.01	19.01	18.89		
20	256QAM	100	0	18.99	19.04	18.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.75	22.91	22.77	24	0
15	QPSK	1	37	22.72	22.58	22.69		
15	QPSK	1	74	22.79	22.79	22.75		
15	QPSK	36	0	22.78	22.85	22.90	24	0
15	QPSK	36	20	22.73	22.85	22.76		
15	QPSK	36	39	22.75	22.69	22.70		
15	QPSK	75	0	22.64	22.78	22.72		
15	16QAM	1	0	22.75	22.77	22.76	24	0
15	16QAM	1	37	22.74	22.69	22.84		
15	16QAM	1	74	22.79	22.56	22.84		
15	16QAM	36	0	22.39	22.43	22.39	24	0
15	16QAM	36	20	22.51	22.42	22.40		
15	16QAM	36	39	22.48	22.33	22.32		
15	16QAM	75	0	22.51	22.34	22.20		
15	64QAM	1	0	22.66	22.61	22.90	24	0
15	64QAM	1	37	22.60	22.59	22.66		
15	64QAM	1	74	22.77	22.80	22.71		
15	64QAM	36	0	22.37	22.49	22.38	24	0
15	64QAM	36	20	22.43	22.36	22.48		
15	64QAM	36	39	22.59	22.41	22.44		
15	64QAM	75	0	22.50	22.33	22.43		
15	256QAM	1	0	19.05	19.25	19.17	20	4
15	256QAM	1	37	19.05	19.13	19.10		
15	256QAM	1	74	18.99	19.12	19.13		
15	256QAM	36	0	18.93	19.01	18.90	20	4
15	256QAM	36	20	18.79	18.93	18.89		
15	256QAM	36	39	18.88	18.80	18.76		
15	256QAM	75	0	18.89	18.93	18.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.80	22.87	22.81	24	0
10	QPSK	1	25	22.77	22.55	22.79		
10	QPSK	1	49	22.78	22.65	22.76		
10	QPSK	25	0	22.76	22.81	22.89	24	0
10	QPSK	25	12	22.84	22.70	22.77		
10	QPSK	25	25	22.71	22.78	22.65		
10	QPSK	50	0	22.57	22.77	22.76		
10	16QAM	1	0	22.77	22.75	22.80	24	0
10	16QAM	1	25	22.77	22.66	22.70		
10	16QAM	1	49	22.85	22.63	22.84		
10	16QAM	25	0	22.48	22.33	22.41	24	0
10	16QAM	25	12	22.51	22.31	22.34		
10	16QAM	25	25	22.42	22.47	22.41		
10	16QAM	50	0	22.42	22.38	22.27		
10	64QAM	1	0	22.67	22.54	22.86	24	0
10	64QAM	1	25	22.59	22.52	22.66		
10	64QAM	1	49	22.72	22.80	22.66		
10	64QAM	25	0	22.53	22.47	22.30	24	0
10	64QAM	25	12	22.39	22.37	22.39		
10	64QAM	25	25	22.57	22.31	22.40		
10	64QAM	50	0	22.36	22.45	22.39		
10	256QAM	1	0	19.02	19.20	19.18	20	4
10	256QAM	1	25	19.05	19.16	19.03		
10	256QAM	1	49	19.00	19.13	19.10		
10	256QAM	25	0	18.92	18.98	18.93	20	4
10	256QAM	25	12	18.84	18.96	18.85		
10	256QAM	25	25	18.91	18.83	18.81		
10	256QAM	50	0	18.87	18.83	18.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.88	22.79	22.75	24	0
5	QPSK	1	12	22.79	22.59	22.74		
5	QPSK	1	24	22.74	22.74	22.67		
5	QPSK	12	0	22.91	22.83	22.78	24	0
5	QPSK	12	7	22.82	22.75	22.75		
5	QPSK	12	13	22.81	22.70	22.70		
5	QPSK	25	0	22.55	22.75	22.67		
5	16QAM	1	0	22.75	22.74	22.82	24	0
5	16QAM	1	12	22.76	22.70	22.85		
5	16QAM	1	24	22.77	22.63	22.92		
5	16QAM	12	0	22.39	22.39	22.44	24	0
5	16QAM	12	7	22.54	22.34	22.38		
5	16QAM	12	13	22.44	22.39	22.36		
5	16QAM	25	0	22.54	22.37	22.33		
5	64QAM	1	0	22.68	22.64	22.77	24	0
5	64QAM	1	12	22.67	22.58	22.80		
5	64QAM	1	24	22.73	22.70	22.64		
5	64QAM	12	0	22.40	22.35	22.39	24	0
5	64QAM	12	7	22.54	22.41	22.47		
5	64QAM	12	13	22.55	22.43	22.32		
5	64QAM	25	0	22.50	22.38	22.40		
5	256QAM	1	0	19.03	19.25	19.20	20	4
5	256QAM	1	12	19.00	19.17	19.02		
5	256QAM	1	24	19.00	19.13	19.12		
5	256QAM	12	0	18.97	18.99	18.92	20	4
5	256QAM	12	7	18.78	18.89	18.95		
5	256QAM	12	13	18.87	18.85	18.83		
5	256QAM	25	0	18.82	18.92	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.85	22.80	22.83	24	0
3	QPSK	1	8	22.72	22.61	22.77		
3	QPSK	1	14	22.65	22.70	22.72		
3	QPSK	8	0	22.77	22.94	22.75	24	0
3	QPSK	8	4	22.83	22.70	22.74		
3	QPSK	8	7	22.83	22.84	22.76		
3	QPSK	15	0	22.68	22.71	22.63		
3	16QAM	1	0	22.76	22.79	22.70	24	0
3	16QAM	1	8	22.84	22.67	22.74		
3	16QAM	1	14	22.85	22.63	22.83		
3	16QAM	8	0	22.37	22.35	22.27	24	0
3	16QAM	8	4	22.52	22.48	22.26		
3	16QAM	8	7	22.42	22.45	22.24		
3	16QAM	15	0	22.53	22.33	22.23		
3	64QAM	1	0	22.62	22.64	22.76	24	0
3	64QAM	1	8	22.60	22.68	22.72		
3	64QAM	1	14	22.65	22.75	22.62		
3	64QAM	8	0	22.39	22.49	22.37	24	0
3	64QAM	8	4	22.45	22.50	22.37		
3	64QAM	8	7	22.52	22.46	22.31		
3	64QAM	15	0	22.51	22.35	22.42		
3	256QAM	1	0	19.06	19.17	19.26	20	4
3	256QAM	1	8	19.10	19.10	19.05		
3	256QAM	1	14	19.03	19.16	19.09		
3	256QAM	8	0	18.89	19.02	18.93	20	4
3	256QAM	8	4	18.80	18.96	18.95		
3	256QAM	8	7	18.82	18.91	18.79		
3	256QAM	15	0	18.82	18.90	18.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	22.87	22.78	24	0
1.4	QPSK	1	3	22.75	22.54	22.70		
1.4	QPSK	1	5	22.69	22.78	22.78		
1.4	QPSK	3	0	22.87	22.81	22.92		
1.4	QPSK	3	1	22.86	22.85	22.68		
1.4	QPSK	3	3	22.84	22.85	22.82		
1.4	QPSK	6	0	22.57	22.81	22.76	24	0
1.4	16QAM	1	0	22.68	22.73	22.68	24	0
1.4	16QAM	1	3	22.82	22.59	22.66		
1.4	16QAM	1	5	22.86	22.59	22.79		
1.4	16QAM	3	0	22.40	22.39	22.46		
1.4	16QAM	3	1	22.50	22.49	22.45		
1.4	16QAM	3	3	22.39	22.42	22.28		
1.4	16QAM	6	0	22.38	22.40	22.35	24	0
1.4	64QAM	1	0	22.61	22.68	22.91	24	0
1.4	64QAM	1	3	22.54	22.54	22.82		
1.4	64QAM	1	5	22.67	22.78	22.62		
1.4	64QAM	3	0	22.44	22.33	22.46		
1.4	64QAM	3	1	22.50	22.46	22.37		
1.4	64QAM	3	3	22.54	22.44	22.28		
1.4	64QAM	6	0	22.42	22.39	22.48	24	0
1.4	256QAM	1	0	19.03	19.22	19.21	20	4
1.4	256QAM	1	3	19.03	19.15	19.06		
1.4	256QAM	1	5	19.10	19.17	19.08		
1.4	256QAM	3	0	18.95	19.06	18.94		
1.4	256QAM	3	1	18.83	18.92	18.88		
1.4	256QAM	3	3	18.82	18.85	18.76		
1.4	256QAM	6	0	18.88	18.90	18.81	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.91	22.85	24	0
10	QPSK	1	25	22.64	22.71	22.75		
10	QPSK	1	49	22.71	22.68	22.69		
10	QPSK	25	0	22.79	22.89	22.74	24	0
10	QPSK	25	12	22.76	22.79	22.71		
10	QPSK	25	25	22.64	22.85	22.74		
10	QPSK	50	0	22.66	22.76	22.73		
10	16QAM	1	0	22.87	22.84	22.80	24	0
10	16QAM	1	25	22.67	22.79	22.78		
10	16QAM	1	49	22.72	22.84	22.87		
10	16QAM	25	0	22.15	22.26	22.28	24	0
10	16QAM	25	12	22.26	22.30	22.36		
10	16QAM	25	25	22.17	22.24	22.21		
10	16QAM	50	0	22.18	22.18	22.37		
10	64QAM	1	0	22.44	22.63	22.84	24	0
10	64QAM	1	25	22.67	22.73	22.81		
10	64QAM	1	49	22.63	22.79	22.85		
10	64QAM	25	0	22.11	22.59	22.25	24	0
10	64QAM	25	12	22.59	22.19	22.20		
10	64QAM	25	25	22.16	22.31	22.12		
10	64QAM	50	0	22.63	22.53	22.75		
10	256QAM	1	0	18.64	18.95	18.91	20	4
10	256QAM	1	25	18.74	18.84	18.65		
10	256QAM	1	49	18.66	18.86	18.73		
10	256QAM	25	0	18.57	18.67	18.50	20	4
10	256QAM	25	12	18.41	18.54	18.59		
10	256QAM	25	25	18.48	18.47	18.50		
10	256QAM	50	0	18.53	18.46	18.48		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.67	22.87	22.71	24	0
5	QPSK	1	12	22.56	22.66	22.73		
5	QPSK	1	24	22.53	22.50	22.59		
5	QPSK	12	0	22.70	22.69	22.69	24	0
5	QPSK	12	7	22.56	22.61	22.51		
5	QPSK	12	13	22.53	22.82	22.64		
5	QPSK	25	0	22.48	22.70	22.78		
5	16QAM	1	0	22.74	22.73	22.64	24	0
5	16QAM	1	12	22.59	22.65	22.72		
5	16QAM	1	24	22.53	22.79	22.77		
5	16QAM	12	0	22.05	22.17	22.21	24	0
5	16QAM	12	7	22.13	22.14	22.29		
5	16QAM	12	13	22.16	22.06	22.21		
5	16QAM	25	0	22.11	22.13	22.28		
5	64QAM	1	0	22.38	22.53	22.72	24	0
5	64QAM	1	12	22.61	22.63	22.79		
5	64QAM	1	24	22.58	22.60	22.68		
5	64QAM	12	0	22.78	22.50	22.59	24	0
5	64QAM	12	7	22.39	22.61	22.57		
5	64QAM	12	13	22.48	22.78	22.57		
5	64QAM	25	0	22.46	22.41	22.69		
5	256QAM	1	0	18.58	18.86	18.85	20	4
5	256QAM	1	12	18.66	18.85	18.62		
5	256QAM	1	24	18.57	18.80	18.64		
5	256QAM	12	0	18.48	18.63	18.40	20	4
5	256QAM	12	7	18.37	18.45	18.49		
5	256QAM	12	13	18.40	18.47	18.42		
5	256QAM	25	0	18.50	18.43	18.48		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.73	22.84	22.80	24	0
3	QPSK	1	8	22.57	22.67	22.71		
3	QPSK	1	14	22.70	22.54	22.62		
3	QPSK	8	0	22.79	22.77	22.66	24	0
3	QPSK	8	4	22.73	22.63	22.68		
3	QPSK	8	7	22.59	22.66	22.63		
3	QPSK	15	0	22.65	22.68	22.60		
3	16QAM	1	0	22.83	22.78	22.67	24	0
3	16QAM	1	8	22.59	22.77	22.60		
3	16QAM	1	14	22.58	22.70	22.71		
3	16QAM	8	0	22.04	22.19	22.10	24	0
3	16QAM	8	4	22.22	22.15	22.21		
3	16QAM	8	7	22.05	22.15	22.13		
3	16QAM	15	0	22.42	22.56	22.20		
3	64QAM	1	0	22.43	22.60	22.73	24	0
3	64QAM	1	8	22.62	22.71	22.79		
3	64QAM	1	14	22.60	22.78	22.76		
3	64QAM	8	0	22.08	22.04	22.10	24	0
3	64QAM	8	4	22.03	22.00	22.12		
3	64QAM	8	7	22.12	22.14	22.37		
3	64QAM	15	0	22.22	22.07	22.57		
3	256QAM	1	0	18.59	18.87	18.90	20	4
3	256QAM	1	8	18.64	18.80	18.57		
3	256QAM	1	14	18.66	18.85	18.66		
3	256QAM	8	0	18.53	18.60	18.47	20	4
3	256QAM	8	4	18.33	18.44	18.57		
3	256QAM	8	7	18.38	18.37	18.48		
3	256QAM	15	0	18.44	18.45	18.41		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.74	22.79	22.69	24	0
1.4	QPSK	1	3	22.52	22.52	22.58		
1.4	QPSK	1	5	22.63	22.65	22.67		
1.4	QPSK	3	0	22.72	22.77	22.56		
1.4	QPSK	3	1	22.58	22.76	22.66		
1.4	QPSK	3	3	22.63	22.69	22.62		
1.4	QPSK	6	0	22.48	22.59	22.62	24	0
1.4	16QAM	1	0	22.72	22.83	22.61	24	0
1.4	16QAM	1	3	22.67	22.64	22.71		
1.4	16QAM	1	5	22.71	22.72	22.67		
1.4	16QAM	3	0	22.10	22.20	22.18		
1.4	16QAM	3	1	22.23	22.23	22.24		
1.4	16QAM	3	3	22.05	22.05	22.19		
1.4	16QAM	6	0	22.14	22.13	22.36	24	0
1.4	64QAM	1	0	22.39	22.50	22.64	24	0
1.4	64QAM	1	3	22.47	22.61	22.78		
1.4	64QAM	1	5	22.60	22.62	22.79		
1.4	64QAM	3	0	22.27	22.09	22.23		
1.4	64QAM	3	1	22.31	22.06	22.11		
1.4	64QAM	3	3	22.06	22.19	22.02		
1.4	64QAM	6	0	22.22	22.28	22.61	24	0
1.4	256QAM	1	0	18.61	18.91	18.87	20	4
1.4	256QAM	1	3	18.68	18.78	18.56		
1.4	256QAM	1	5	18.63	18.84	18.72		
1.4	256QAM	3	0	18.53	18.58	18.50		
1.4	256QAM	3	1	18.41	18.48	18.57		
1.4	256QAM	3	3	18.42	18.45	18.42		
1.4	256QAM	6	0	18.46	18.39	18.45	20	4

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.37	23.53	23.45	24	0
20	QPSK	1	49	23.42	23.43	23.49		
20	QPSK	1	99	23.44	23.50	23.43		
20	QPSK	50	0	23.39	23.47	23.46	24	0
20	QPSK	50	24	23.35	23.45	23.41		
20	QPSK	50	50	23.42	23.33	23.45		
20	QPSK	100	0	23.41	23.49	23.45		
20	16QAM	1	0	23.50	23.45	23.41	24	0
20	16QAM	1	49	23.28	23.48	23.21		
20	16QAM	1	99	23.28	23.18	23.29		
20	16QAM	50	0	22.71	22.73	22.79	24	0
20	16QAM	50	24	22.84	22.77	22.86		
20	16QAM	50	50	22.82	22.86	22.94		
20	16QAM	100	0	22.81	22.85	22.81		
20	64QAM	1	0	23.37	23.45	23.50	24	0
20	64QAM	1	49	23.43	23.34	23.42		
20	64QAM	1	99	23.37	23.34	23.50		
20	64QAM	50	0	22.66	22.59	22.76	24	0
20	64QAM	50	24	22.83	22.79	22.82		
20	64QAM	50	50	22.82	22.87	22.92		
20	64QAM	100	0	22.79	22.83	22.80		
20	256QAM	1	0	19.50	19.63	19.71	20	4
20	256QAM	1	49	19.53	19.69	19.48		
20	256QAM	1	99	19.43	19.66	19.51		
20	256QAM	50	0	19.32	19.41	19.29	20	4
20	256QAM	50	24	19.18	19.28	19.45		
20	256QAM	50	50	19.26	19.23	19.28		
20	256QAM	100	0	19.28	19.28	19.25		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.21	23.48	23.30	24	0
15	QPSK	1	37	23.23	23.34	23.35		
15	QPSK	1	74	23.35	23.43	23.41		
15	QPSK	36	0	23.30	23.36	23.34	24	0
15	QPSK	36	20	23.19	23.26	23.36		
15	QPSK	36	39	23.28	23.16	23.42		
15	QPSK	75	0	23.34	23.46	23.30		
15	16QAM	1	0	23.40	23.41	23.34	24	0
15	16QAM	1	37	23.16	23.30	23.03		
15	16QAM	1	74	23.17	23.00	23.12		
15	16QAM	36	0	22.56	22.60	22.61	24	0
15	16QAM	36	20	22.77	22.70	22.68		
15	16QAM	36	39	22.81	22.77	22.81		
15	16QAM	75	0	22.64	22.81	22.69		
15	64QAM	1	0	23.30	23.41	23.35	24	0
15	64QAM	1	37	23.38	23.34	23.41		
15	64QAM	1	74	23.33	23.30	23.30		
15	64QAM	36	0	22.63	22.56	22.61	24	0
15	64QAM	36	20	22.77	22.71	22.79		
15	64QAM	36	39	22.82	22.72	22.73		
15	64QAM	75	0	22.61	22.71	22.78		
15	256QAM	1	0	19.47	19.55	19.67	20	4
15	256QAM	1	37	19.53	19.64	19.47		
15	256QAM	1	74	19.40	19.63	19.51		
15	256QAM	36	0	19.30	19.33	19.18	20	4
15	256QAM	36	20	19.16	19.26	19.41		
15	256QAM	36	39	19.18	19.17	19.27		
15	256QAM	75	0	19.18	19.25	19.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.21	23.45	23.41	24	0
10	QPSK	1	25	23.36	23.34	23.48		
10	QPSK	1	49	23.43	23.34	23.38		
10	QPSK	25	0	23.29	23.46	23.44	24	0
10	QPSK	25	12	23.26	23.38	23.21		
10	QPSK	25	25	23.42	23.15	23.27		
10	QPSK	50	0	23.38	23.32	23.34		
10	16QAM	1	0	23.33	23.29	23.35	24	0
10	16QAM	1	25	23.28	23.41	23.20		
10	16QAM	1	49	23.12	23.06	23.17		
10	16QAM	25	0	22.71	22.73	22.60	24	0
10	16QAM	25	12	22.76	22.74	22.68		
10	16QAM	25	25	22.70	22.81	22.94		
10	16QAM	50	0	22.63	22.75	22.74		
10	64QAM	1	0	23.26	23.39	23.35	24	0
10	64QAM	1	25	23.34	23.27	23.40		
10	64QAM	1	49	23.34	23.15	23.49		
10	64QAM	25	0	22.47	22.43	22.69	24	0
10	64QAM	25	12	22.65	22.67	22.77		
10	64QAM	25	25	22.63	22.68	22.72		
10	64QAM	50	0	22.71	22.63	22.75		
10	256QAM	1	0	19.46	19.60	19.61	20	4
10	256QAM	1	25	19.43	19.60	19.46		
10	256QAM	1	49	19.41	19.63	19.44		
10	256QAM	25	0	19.31	19.40	19.18	20	4
10	256QAM	25	12	19.19	19.22	19.42		
10	256QAM	25	25	19.23	19.24	19.20		
10	256QAM	50	0	19.19	19.20	19.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.36	23.43	24	0
5	QPSK	1	12	23.28	23.30	23.42		
5	QPSK	1	24	23.40	23.41	23.38		
5	QPSK	12	0	23.26	23.36	23.30	24	0
5	QPSK	12	7	23.26	23.31	23.40		
5	QPSK	12	13	23.40	23.26	23.25		
5	QPSK	25	0	23.35	23.45	23.35		
5	16QAM	1	0	23.43	23.29	23.32	24	0
5	16QAM	1	12	23.08	23.42	23.04		
5	16QAM	1	24	23.22	23.01	23.27		
5	16QAM	12	0	22.62	22.71	22.78	24	0
5	16QAM	12	7	22.83	22.73	22.81		
5	16QAM	12	13	22.68	22.82	22.82		
5	16QAM	25	0	22.80	22.65	22.70		
5	64QAM	1	0	23.18	23.34	23.32	24	0
5	64QAM	1	12	23.35	23.20	23.31		
5	64QAM	1	24	23.35	23.21	23.39		
5	64QAM	12	0	22.49	22.47	22.62	24	0
5	64QAM	12	7	22.77	22.74	22.75		
5	64QAM	12	13	22.80	22.79	22.85		
5	64QAM	25	0	22.75	22.71	22.77		
5	256QAM	1	0	19.41	19.62	19.61	20	4
5	256QAM	1	12	19.48	19.59	19.44		
5	256QAM	1	24	19.39	19.59	19.42		
5	256QAM	12	0	19.25	19.34	19.24	20	4
5	256QAM	12	7	19.09	19.21	19.41		
5	256QAM	12	13	19.20	19.20	19.20		
5	256QAM	25	0	19.22	19.28	19.26		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.76	22.61	24	0
10	QPSK	1	25	22.65	22.66	22.64		
10	QPSK	1	49	22.61	22.62	22.61		
10	QPSK	25	0	22.64	22.75	22.62	24	0
10	QPSK	25	12	22.59	22.58	22.72		
10	QPSK	25	25	22.70	22.67	22.71		
10	QPSK	50	0	22.70	22.75	22.72		
10	16QAM	1	0	22.56	22.57	22.52	24	0
10	16QAM	1	25	22.50	22.47	22.50		
10	16QAM	1	49	22.51	22.47	22.59		
10	16QAM	25	0	22.49	22.53	22.49	24	0
10	16QAM	25	12	22.64	22.70	22.59		
10	16QAM	25	25	22.53	22.61	22.60		
10	16QAM	50	0	22.52	22.64	22.69		
10	64QAM	1	0	22.51	22.59	22.61	24	0
10	64QAM	1	25	22.50	22.48	22.57		
10	64QAM	1	49	22.42	22.57	22.45		
10	64QAM	25	0	22.63	22.56	22.46	24	0
10	64QAM	25	12	22.62	22.70	22.65		
10	64QAM	25	25	22.52	22.49	22.56		
10	64QAM	50	0	22.59	22.62	22.59		
10	256QAM	1	0	19.06	19.25	19.31	20	4
10	256QAM	1	25	19.10	19.27	19.12		
10	256QAM	1	49	19.02	19.29	19.12		
10	256QAM	25	0	18.89	19.00	18.91	20	4
10	256QAM	25	12	18.84	18.85	19.02		
10	256QAM	25	25	18.86	18.77	18.86		
10	256QAM	50	0	18.93	18.89	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.57	22.54	24	0
5	QPSK	1	12	22.62	22.53	22.60		
5	QPSK	1	24	22.55	22.60	22.42		
5	QPSK	12	0	22.63	22.62	22.46	24	0
5	QPSK	12	7	22.48	22.54	22.68		
5	QPSK	12	13	22.63	22.54	22.57		
5	QPSK	25	0	22.60	22.74	22.56		
5	16QAM	1	0	22.49	22.41	22.50	24	0
5	16QAM	1	12	22.32	22.28	22.40		
5	16QAM	1	24	22.38	22.43	22.48		
5	16QAM	12	0	22.48	22.42	22.46	24	0
5	16QAM	12	7	22.54	22.69	22.42		
5	16QAM	12	13	22.44	22.54	22.56		
5	16QAM	25	0	22.39	22.58	22.50		
5	64QAM	1	0	22.48	22.42	22.57	24	0
5	64QAM	1	12	22.41	22.46	22.54		
5	64QAM	1	24	22.35	22.55	22.30		
5	64QAM	12	0	22.60	22.46	22.30	24	0
5	64QAM	12	7	22.45	22.61	22.59		
5	64QAM	12	13	22.42	22.42	22.38		
5	64QAM	25	0	22.41	22.58	22.49		
5	256QAM	1	0	19.00	19.17	19.27	20	4
5	256QAM	1	12	19.07	19.25	19.02		
5	256QAM	1	24	18.95	19.26	19.09		
5	256QAM	12	0	18.83	18.91	18.84	20	4
5	256QAM	12	7	18.80	18.81	18.99		
5	256QAM	12	13	18.79	18.74	18.85		
5	256QAM	25	0	18.92	18.82	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.47	22.59	22.49	24	0
3	QPSK	1	8	22.55	22.48	22.62		
3	QPSK	1	14	22.52	22.52	22.45		
3	QPSK	8	0	22.52	22.66	22.44	24	0
3	QPSK	8	4	22.47	22.46	22.71		
3	QPSK	8	7	22.64	22.51	22.63		
3	QPSK	15	0	22.68	22.61	22.69		
3	16QAM	1	0	22.37	22.45	22.48	24	0
3	16QAM	1	8	22.49	22.36	22.34		
3	16QAM	1	14	22.45	22.42	22.44		
3	16QAM	8	0	22.39	22.49	22.41	24	0
3	16QAM	8	4	22.56	22.62	22.42		
3	16QAM	8	7	22.43	22.53	22.52		
3	16QAM	15	0	22.45	22.48	22.50		
3	64QAM	1	0	22.48	22.53	22.60	24	0
3	64QAM	1	8	22.32	22.36	22.54		
3	64QAM	1	14	22.36	22.44	22.38		
3	64QAM	8	0	22.51	22.45	22.40	24	0
3	64QAM	8	4	22.57	22.70	22.57		
3	64QAM	8	7	22.38	22.41	22.46		
3	64QAM	15	0	22.41	22.53	22.39		
3	256QAM	1	0	19.06	19.19	19.26	20	4
3	256QAM	1	8	18.99	19.17	19.02		
3	256QAM	1	14	18.95	19.20	19.09		
3	256QAM	8	0	18.79	18.95	18.86	20	4
3	256QAM	8	4	18.76	18.81	18.99		
3	256QAM	8	7	18.83	18.71	18.82		
3	256QAM	15	0	18.86	18.88	18.81		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.62	22.58	22.55	24	0
1.4	QPSK	1	3	22.56	22.65	22.61		
1.4	QPSK	1	5	22.53	22.50	22.46		
1.4	QPSK	3	0	22.58	22.67	22.51		
1.4	QPSK	3	1	22.47	22.49	22.53		
1.4	QPSK	3	3	22.53	22.54	22.56		
1.4	QPSK	6	0	22.50	22.65	22.71	24	0
1.4	16QAM	1	0	22.49	22.54	22.50	24	0
1.4	16QAM	1	3	22.45	22.45	22.43		
1.4	16QAM	1	5	22.40	22.36	22.47		
1.4	16QAM	3	0	22.31	22.33	22.48		
1.4	16QAM	3	1	22.52	22.64	22.44		
1.4	16QAM	3	3	22.44	22.50	22.46		
1.4	16QAM	6	0	22.36	22.56	22.63	24	0
1.4	64QAM	1	0	22.41	22.54	22.49	24	0
1.4	64QAM	1	3	22.46	22.36	22.37		
1.4	64QAM	1	5	22.25	22.53	22.40		
1.4	64QAM	3	0	22.47	22.42	22.40		
1.4	64QAM	3	1	22.59	22.68	22.49		
1.4	64QAM	3	3	22.48	22.42	22.53		
1.4	64QAM	6	0	22.43	22.60	22.41	24	0
1.4	256QAM	1	0	18.97	19.16	19.26	20	4
1.4	256QAM	1	3	19.00	19.19	19.05		
1.4	256QAM	1	5	18.99	19.29	19.08		
1.4	256QAM	3	0	18.84	18.96	18.85		
1.4	256QAM	3	1	18.82	18.86	18.94		
1.4	256QAM	3	3	18.76	18.75	18.77		
1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.50		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.60		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.90	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.50	19.38		
5	256QAM	12	0	19.10	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19.00	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.06	23.16	22.98	24	0
20	QPSK	1	49	23.04	23.07	22.81		
20	QPSK	1	99	22.94	22.91	22.86		
20	QPSK	50	0	23.03	23.09	22.88	24	0
20	QPSK	50	24	23.05	23.08	22.86		
20	QPSK	50	50	22.90	23.02	22.72		
20	QPSK	100	0	23.02	23.05	22.84		
20	16QAM	1	0	22.95	22.96	23.02	24	0
20	16QAM	1	49	22.98	22.89	22.93		
20	16QAM	1	99	22.89	22.79	22.92		
20	16QAM	50	0	22.66	22.67	22.43	24	0
20	16QAM	50	24	22.64	22.67	22.46		
20	16QAM	50	50	22.51	22.61	22.33		
20	16QAM	100	0	22.60	22.65	22.42		
20	64QAM	1	0	23.01	22.96	22.85	24	0
20	64QAM	1	49	23.06	22.96	22.92		
20	64QAM	1	99	22.91	22.97	22.83		
20	64QAM	50	0	23.03	22.68	22.75	24	0
20	64QAM	50	24	22.63	22.66	22.76		
20	64QAM	50	50	22.68	22.61	22.78		
20	64QAM	100	0	22.60	22.64	22.38		
20	256QAM	1	0	19.15	19.32	19.29	20	4
20	256QAM	1	49	19.20	19.37	19.18		
20	256QAM	1	99	19.11	19.26	19.28		
20	256QAM	50	0	18.87	19.05	18.85	20	4
20	256QAM	50	24	19.00	18.79	19.00		
20	256QAM	50	50	18.93	18.73	18.79		
20	256QAM	100	0	18.91	19.01	18.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.94	22.99	22.83	24	0
15	QPSK	1	37	22.85	23.05	22.63		
15	QPSK	1	74	22.90	22.74	22.74		
15	QPSK	36	0	22.91	23.07	22.79	24	0
15	QPSK	36	20	22.87	22.91	22.66		
15	QPSK	36	39	22.82	22.90	22.57		
15	QPSK	75	0	22.88	22.88	22.71		
15	16QAM	1	0	22.78	22.84	22.89	24	0
15	16QAM	1	37	22.84	22.76	22.80		
15	16QAM	1	74	22.74	22.64	22.75		
15	16QAM	36	0	22.60	22.58	22.38	24	0
15	16QAM	36	20	22.45	22.60	22.29		
15	16QAM	36	39	22.42	22.42	22.29		
15	16QAM	75	0	22.58	22.49	22.37		
15	64QAM	1	0	22.99	22.84	22.80	24	0
15	64QAM	1	37	23.03	22.94	22.79		
15	64QAM	1	74	22.86	22.81	22.65		
15	64QAM	36	0	23.02	22.56	22.64	24	0
15	64QAM	36	20	22.57	22.52	22.65		
15	64QAM	36	39	22.88	22.76	22.56		
15	64QAM	75	0	22.54	22.52	22.24		
15	256QAM	1	0	19.02	19.20	19.31	20	4
15	256QAM	1	37	19.16	19.35	19.14		
15	256QAM	1	74	19.15	19.27	19.20		
15	256QAM	36	0	18.90	19.09	18.83	20	4
15	256QAM	36	20	18.90	18.77	19.03		
15	256QAM	36	39	18.89	18.70	18.83		
15	256QAM	75	0	18.76	19.02	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.03	23.15	22.83	24	0
10	QPSK	1	25	22.89	22.95	22.92		
10	QPSK	1	49	22.83	22.82	22.74		
10	QPSK	25	0	22.83	22.92	22.69	24	0
10	QPSK	25	12	22.93	23.02	22.76		
10	QPSK	25	25	22.88	22.99	22.55		
10	QPSK	50	0	22.82	22.98	22.80		
10	16QAM	1	0	22.83	22.89	23.01	24	0
10	16QAM	1	25	22.91	22.87	22.83		
10	16QAM	1	49	22.85	22.68	22.78		
10	16QAM	25	0	22.56	22.55	22.40	24	0
10	16QAM	25	12	22.57	22.51	22.38		
10	16QAM	25	25	22.48	22.52	22.31		
10	16QAM	50	0	22.47	22.54	22.29		
10	64QAM	1	0	22.95	22.88	22.76	24	0
10	64QAM	1	25	23.00	22.83	22.75		
10	64QAM	1	49	22.71	22.91	22.72		
10	64QAM	25	0	22.71	22.65	22.29	24	0
10	64QAM	25	12	22.62	22.48	22.36		
10	64QAM	25	25	22.34	22.52	22.41		
10	64QAM	50	0	22.42	22.52	22.22		
10	256QAM	1	0	19.03	19.31	19.31	20	4
10	256QAM	1	25	19.13	19.34	19.08		
10	256QAM	1	49	19.05	19.29	19.16		
10	256QAM	25	0	18.89	19.11	18.89	20	4
10	256QAM	25	12	18.88	18.77	19.09		
10	256QAM	25	25	18.85	18.66	18.76		
10	256QAM	50	0	18.77	19.01	18.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	23.13	22.86	24	0
5	QPSK	1	12	22.93	23.07	22.73		
5	QPSK	1	24	22.85	22.77	22.76		
5	QPSK	12	0	22.91	22.94	22.77	24	0
5	QPSK	12	7	22.94	23.03	22.71		
5	QPSK	12	13	22.90	22.88	22.66		
5	QPSK	25	0	22.86	22.85	22.66		
5	16QAM	1	0	22.83	22.84	22.88	24	0
5	16QAM	1	12	22.82	22.78	22.89		
5	16QAM	1	24	22.78	22.75	22.88		
5	16QAM	12	0	22.63	22.65	22.26	24	0
5	16QAM	12	7	22.53	22.63	22.40		
5	16QAM	12	13	22.39	22.44	22.24		
5	16QAM	25	0	22.59	22.52	22.33		
5	64QAM	1	0	22.83	22.83	22.83	24	0
5	64QAM	1	12	22.97	22.93	22.80		
5	64QAM	1	24	22.81	22.83	22.64		
5	64QAM	12	0	22.95	22.59	22.49	24	0
5	64QAM	12	7	22.63	22.61	22.65		
5	64QAM	12	13	22.58	22.62	22.55		
5	64QAM	25	0	22.42	22.50	22.29		
5	256QAM	1	0	18.97	19.26	19.22	20	4
5	256QAM	1	12	19.18	19.32	19.12		
5	256QAM	1	24	19.08	19.27	19.14		
5	256QAM	12	0	18.80	19.09	18.84	20	4
5	256QAM	12	7	18.93	18.80	19.04		
5	256QAM	12	13	18.89	18.65	18.75		
5	256QAM	25	0	18.77	19.01	18.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.91	23.14	22.79	24	0
3	QPSK	1	8	22.90	22.87	22.79		
3	QPSK	1	14	22.82	22.71	22.81		
3	QPSK	8	0	22.93	22.90	22.73	24	0
3	QPSK	8	4	23.00	22.90	22.71		
3	QPSK	8	7	22.77	22.95	22.53		
3	QPSK	15	0	22.83	22.97	22.79		
3	16QAM	1	0	22.84	22.82	22.96	24	0
3	16QAM	1	8	22.79	22.79	22.93		
3	16QAM	1	14	22.85	22.62	22.81		
3	16QAM	8	0	22.46	22.63	22.34	24	0
3	16QAM	8	4	22.58	22.63	22.34		
3	16QAM	8	7	22.44	22.50	22.13		
3	16QAM	15	0	22.45	22.49	22.42		
3	64QAM	1	0	22.86	22.89	22.82	24	0
3	64QAM	1	8	22.94	22.92	22.87		
3	64QAM	1	14	22.80	22.94	22.74		
3	64QAM	8	0	22.86	22.57	22.47	24	0
3	64QAM	8	4	22.62	22.64	22.53		
3	64QAM	8	7	22.41	22.45	22.52		
3	64QAM	15	0	22.59	22.51	22.27		
3	256QAM	1	0	19.02	19.27	19.24	20	4
3	256QAM	1	8	19.15	19.30	19.09		
3	256QAM	1	14	19.15	19.25	19.12		
3	256QAM	8	0	18.84	19.01	18.80	20	4
3	256QAM	8	4	18.87	18.77	19.01		
3	256QAM	8	7	18.86	18.66	18.81		
3	256QAM	15	0	18.78	18.99	18.74		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	23.14	22.80	24	0
1.4	QPSK	1	3	22.91	22.87	22.68		
1.4	QPSK	1	5	22.89	22.85	22.82		
1.4	QPSK	3	0	22.92	22.93	22.75		
1.4	QPSK	3	1	22.88	22.99	22.82		
1.4	QPSK	3	3	22.72	22.99	22.58		
1.4	QPSK	6	0	22.84	22.97	22.79	24	0
1.4	16QAM	1	0	22.90	22.86	22.95	24	0
1.4	16QAM	1	3	22.81	22.83	22.90		
1.4	16QAM	1	5	22.81	22.68	22.91		
1.4	16QAM	3	0	22.54	22.53	22.25		
1.4	16QAM	3	1	22.58	22.56	22.33		
1.4	16QAM	3	3	22.45	22.60	22.16		
1.4	16QAM	6	0	22.59	22.60	22.29	24	0
1.4	64QAM	1	0	22.97	22.84	22.76	24	0
1.4	64QAM	1	3	23.01	22.95	22.74		
1.4	64QAM	1	5	22.85	22.84	22.67		
1.4	64QAM	3	0	22.85	22.55	22.48		
1.4	64QAM	3	1	22.55	22.63	22.53		
1.4	64QAM	3	3	22.42	22.49	22.42		
1.4	64QAM	6	0	22.46	22.52	22.30	24	0
1.4	256QAM	1	0	19.04	19.21	19.29	20	4
1.4	256QAM	1	3	19.19	19.36	19.11		
1.4	256QAM	1	5	19.10	19.30	19.20		
1.4	256QAM	3	0	18.91	19.01	18.81		
1.4	256QAM	3	1	18.95	18.78	19.04		
1.4	256QAM	3	3	18.79	18.69	18.79		
1.4	256QAM	6	0	18.82	18.98	18.83	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.96	21.97	21.74	23	0
20	QPSK	1	49	21.86	21.76	21.92		
20	QPSK	1	99	21.68	21.63	21.84		
20	QPSK	50	0	21.93	21.94	21.88	23	0
20	QPSK	50	24	21.93	21.82	21.90		
20	QPSK	50	50	21.77	21.74	21.92		
20	QPSK	100	0	21.91	21.93	21.86		
20	16QAM	1	0	21.83	21.87	21.89	23	0
20	16QAM	1	49	21.96	21.87	21.89		
20	16QAM	1	99	21.87	21.90	21.78		
20	16QAM	50	0	21.61	21.47	21.47	23	0
20	16QAM	50	24	21.55	21.41	21.48		
20	16QAM	50	50	21.39	21.37	21.54		
20	16QAM	100	0	21.54	21.43	21.48		
20	64QAM	1	0	21.96	21.92	21.85	23	0
20	64QAM	1	49	21.94	21.84	21.93		
20	64QAM	1	99	21.90	21.76	21.87		
20	64QAM	50	0	21.58	21.48	21.46	23	0
20	64QAM	50	24	21.58	21.45	21.49		
20	64QAM	50	50	21.39	21.35	21.52		
20	64QAM	100	0	21.52	21.41	21.47		
20	256QAM	1	0	18.26	18.34	18.31	19	4
20	256QAM	1	49	18.16	18.29	18.28		
20	256QAM	1	99	18.16	18.33	18.26		
20	256QAM	50	0	18.16	18.27	18.24	19	4
20	256QAM	50	24	18.14	18.17	18.16		
20	256QAM	50	50	18.09	18.20	18.21		
20	256QAM	100	0	18.07	18.16	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.87	21.89	21.66	23	0
15	QPSK	1	37	21.70	21.56	21.77		
15	QPSK	1	74	21.48	21.43	21.67		
15	QPSK	36	0	21.74	21.76	21.75	23	0
15	QPSK	36	20	21.91	21.77	21.83		
15	QPSK	36	39	21.67	21.72	21.85		
15	QPSK	75	0	21.77	21.90	21.67		
15	16QAM	1	0	21.67	21.77	21.86	23	0
15	16QAM	1	37	21.83	21.79	21.80		
15	16QAM	1	74	21.72	21.75	21.73		
15	16QAM	36	0	21.48	21.45	21.45	23	0
15	16QAM	36	20	21.51	21.32	21.45		
15	16QAM	36	39	21.38	21.32	21.40		
15	16QAM	75	0	21.47	21.27	21.38		
15	64QAM	1	0	21.85	21.86	21.82	23	0
15	64QAM	1	37	21.88	21.78	21.84		
15	64QAM	1	74	21.82	21.61	21.68		
15	64QAM	36	0	21.55	21.43	21.27	23	0
15	64QAM	36	20	21.49	21.25	21.40		
15	64QAM	36	39	21.22	21.34	21.40		
15	64QAM	75	0	21.43	21.39	21.36		
15	256QAM	1	0	18.22	18.27	18.31	19	4
15	256QAM	1	37	18.15	18.24	18.25		
15	256QAM	1	74	18.16	18.24	18.22		
15	256QAM	36	0	18.15	18.24	18.25	19	4
15	256QAM	36	20	18.14	18.11	18.11		
15	256QAM	36	39	18.08	18.20	18.14		
15	256QAM	75	0	18.06	18.09	18.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.95	21.78	21.61	23	0
10	QPSK	1	25	21.69	21.70	21.75		
10	QPSK	1	49	21.51	21.49	21.82		
10	QPSK	25	0	21.85	21.87	21.79	23	0
10	QPSK	25	12	21.84	21.79	21.74		
10	QPSK	25	25	21.59	21.63	21.73		
10	QPSK	50	0	21.86	21.91	21.74		
10	16QAM	1	0	21.81	21.70	21.83	23	0
10	16QAM	1	25	21.93	21.87	21.80		
10	16QAM	1	49	21.82	21.71	21.62		
10	16QAM	25	0	21.53	21.35	21.39	23	0
10	16QAM	25	12	21.48	21.34	21.37		
10	16QAM	25	25	21.38	21.35	21.47		
10	16QAM	50	0	21.37	21.31	21.46		
10	64QAM	1	0	21.86	21.75	21.77	23	0
10	64QAM	1	25	21.75	21.82	21.90		
10	64QAM	1	49	21.70	21.59	21.81		
10	64QAM	25	0	21.50	21.36	21.35	23	0
10	64QAM	25	12	21.57	21.40	21.44		
10	64QAM	25	25	21.38	21.33	21.37		
10	64QAM	50	0	21.47	21.39	21.33		
10	256QAM	1	0	18.23	18.30	18.26	19	4
10	256QAM	1	25	18.08	18.26	18.24		
10	256QAM	1	49	18.08	18.31	18.20		
10	256QAM	25	0	18.13	18.18	18.25	19	4
10	256QAM	25	12	18.09	18.07	18.09		
10	256QAM	25	25	18.02	18.20	18.21		
10	256QAM	50	0	18.02	18.14	18.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.91	21.57	23	0
5	QPSK	1	12	21.77	21.73	21.78		
5	QPSK	1	24	21.58	21.46	21.78		
5	QPSK	12	0	21.74	21.79	21.88	23	0
5	QPSK	12	7	21.84	21.69	21.88		
5	QPSK	12	13	21.74	21.60	21.82		
5	QPSK	25	0	21.71	21.89	21.71		
5	16QAM	1	0	21.71	21.73	21.81	23	0
5	16QAM	1	12	21.86	21.80	21.89		
5	16QAM	1	24	21.76	21.87	21.71		
5	16QAM	12	0	21.53	21.29	21.44	23	0
5	16QAM	12	7	21.48	21.21	21.40		
5	16QAM	12	13	21.37	21.22	21.39		
5	16QAM	25	0	21.43	21.26	21.46		
5	64QAM	1	0	21.96	21.85	21.82	23	0
5	64QAM	1	12	21.93	21.74	21.87		
5	64QAM	1	24	21.77	21.68	21.73		
5	64QAM	12	0	21.39	21.30	21.32	23	0
5	64QAM	12	7	21.52	21.40	21.31		
5	64QAM	12	13	21.25	21.34	21.43		
5	64QAM	25	0	21.40	21.25	21.33		
5	256QAM	1	0	18.17	18.29	18.25	19	4
5	256QAM	1	12	18.10	18.21	18.20		
5	256QAM	1	24	18.11	18.34	18.16		
5	256QAM	12	0	18.15	18.25	18.19	19	4
5	256QAM	12	7	18.15	18.15	18.14		
5	256QAM	12	13	18.08	18.11	18.20		
5	256QAM	25	0	17.97	18.08	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	21.81	21.58	23	0
3	QPSK	1	8	21.86	21.71	21.73		
3	QPSK	1	14	21.68	21.50	21.68		
3	QPSK	8	0	21.75	21.94	21.71	23	0
3	QPSK	8	4	21.80	21.80	21.78		
3	QPSK	8	7	21.60	21.59	21.80		
3	QPSK	15	0	21.90	21.92	21.68		
3	16QAM	1	0	21.69	21.78	21.84	23	0
3	16QAM	1	8	21.86	21.74	21.83		
3	16QAM	1	14	21.87	21.71	21.71		
3	16QAM	8	0	21.57	21.29	21.40	23	0
3	16QAM	8	4	21.39	21.39	21.39		
3	16QAM	8	7	21.39	21.28	21.46		
3	16QAM	15	0	21.48	21.34	21.32		
3	64QAM	1	0	21.96	21.92	21.74	23	0
3	64QAM	1	8	21.94	21.68	21.90		
3	64QAM	1	14	21.82	21.73	21.71		
3	64QAM	8	0	21.56	21.30	21.39	23	0
3	64QAM	8	4	21.46	21.34	21.48		
3	64QAM	8	7	21.21	21.19	21.33		
3	64QAM	15	0	21.37	21.23	21.30		
3	256QAM	1	0	18.20	18.27	18.22	19	4
3	256QAM	1	8	18.14	18.24	18.20		
3	256QAM	1	14	18.10	18.30	18.16		
3	256QAM	8	0	18.11	18.16	18.17	19	4
3	256QAM	8	4	18.03	18.16	18.13		
3	256QAM	8	7	18.06	18.19	18.20		
3	256QAM	15	0	18.07	18.07	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.78	21.93	21.67	23	0
1.4	QPSK	1	3	21.73	21.71	21.79		
1.4	QPSK	1	5	21.54	21.49	21.65		
1.4	QPSK	3	0	21.77	21.81	21.83		
1.4	QPSK	3	1	21.76	21.70	21.73		
1.4	QPSK	3	3	21.61	21.64	21.74		
1.4	QPSK	6	0	21.83	21.73	21.78	23	0
1.4	16QAM	1	0	21.83	21.78	21.88	23	0
1.4	16QAM	1	3	21.79	21.84	21.79		
1.4	16QAM	1	5	21.78	21.80	21.62		
1.4	16QAM	3	0	21.45	21.32	21.41		
1.4	16QAM	3	1	21.42	21.26	21.37		
1.4	16QAM	3	3	21.20	21.29	21.45		
1.4	16QAM	6	0	21.41	21.31	21.29	23	0
1.4	64QAM	1	0	21.78	21.78	21.70	23	0
1.4	64QAM	1	3	21.94	21.84	21.92		
1.4	64QAM	1	5	21.75	21.66	21.68		
1.4	64QAM	3	0	21.48	21.35	21.38		
1.4	64QAM	3	1	21.49	21.30	21.43		
1.4	64QAM	3	3	21.31	21.32	21.49		
1.4	64QAM	6	0	21.51	21.34	21.39	23	0
1.4	256QAM	1	0	18.16	18.30	18.27	19	4
1.4	256QAM	1	3	18.12	18.23	18.18		
1.4	256QAM	1	5	18.17	18.24	18.21		
1.4	256QAM	3	0	18.14	18.19	18.14		
1.4	256QAM	3	1	18.08	18.18	18.10		
1.4	256QAM	3	3	18.04	18.13	18.13		
1.4	256QAM	6	0	18.02	18.13	18.15	19	4

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.21	22.58	22.19	24	0
20	QPSK	1	49	22.22	22.21	22.13		
20	QPSK	1	99	22.38	22.24	22.30		
20	QPSK	50	0	22.21	22.29	22.23	24	0
20	QPSK	50	24	22.26	22.18	22.20		
20	QPSK	50	50	22.18	22.09	22.05		
20	QPSK	100	0	22.24	22.28	22.19		
20	16QAM	1	0	22.32	22.38	22.35	24	0
20	16QAM	1	49	22.33	22.45	22.39		
20	16QAM	1	99	22.43	22.34	22.23		
20	16QAM	50	0	21.84	21.81	21.84	23	1
20	16QAM	50	24	21.88	21.80	21.83		
20	16QAM	50	50	21.82	21.71	21.63		
20	16QAM	100	0	21.83	21.77	21.77		
20	64QAM	1	0	22.45	22.29	22.25	24	0
20	64QAM	1	49	22.21	22.16	22.35		
20	64QAM	1	99	22.16	22.24	22.15		
20	64QAM	50	0	21.82	21.80	21.83	23	1
20	64QAM	50	24	21.89	21.80	21.82		
20	64QAM	50	50	21.80	21.70	21.78		
20	64QAM	100	0	21.67	21.78	21.79		
20	256QAM	1	0	18.64	18.74	18.67	20	4
20	256QAM	1	49	18.51	18.64	18.67		
20	256QAM	1	99	18.51	18.73	18.69		
20	256QAM	50	0	18.55	18.64	18.61	20	4
20	256QAM	50	24	18.56	18.54	18.55		
20	256QAM	50	50	18.50	18.65	18.61		
20	256QAM	100	0	18.43	18.60	18.55		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.38	22.16	24	0
15	QPSK	1	37	22.21	22.17	22.23		
15	QPSK	1	74	22.28	22.15	22.20		
15	QPSK	36	0	22.13	22.11	22.12	24	0
15	QPSK	36	20	22.08	22.21	22.11		
15	QPSK	36	39	22.09	22.07	22.18		
15	QPSK	75	0	22.17	22.10	22.07		
15	16QAM	1	0	22.12	22.38	22.20	24	0
15	16QAM	1	37	22.31	22.33	22.26		
15	16QAM	1	74	22.41	22.22	22.18		
15	16QAM	36	0	21.72	21.65	21.72	23	1
15	16QAM	36	20	21.80	21.80	21.76		
15	16QAM	36	39	21.64	21.66	21.47		
15	16QAM	75	0	21.77	21.62	21.77		
15	64QAM	1	0	22.35	22.29	22.12	24	0
15	64QAM	1	37	22.20	22.02	22.25		
15	64QAM	1	74	22.13	22.05	22.01		
15	64QAM	36	0	21.75	21.62	21.75	23	1
15	64QAM	36	20	21.88	21.79	21.69		
15	64QAM	36	39	21.78	21.58	21.73		
15	64QAM	75	0	21.61	21.60	21.70		
15	256QAM	1	0	18.54	18.68	18.61	20	4
15	256QAM	1	37	18.49	18.56	18.64		
15	256QAM	1	74	18.51	18.65	18.62		
15	256QAM	36	0	18.54	18.63	18.56	20	4
15	256QAM	36	20	18.56	18.50	18.49		
15	256QAM	36	39	18.39	18.56	18.52		
15	256QAM	75	0	18.41	18.55	18.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.28	22.53	22.38	24	0
10	QPSK	1	25	22.36	22.32	22.43		
10	QPSK	1	49	22.25	22.24	22.42		
10	QPSK	25	0	22.15	22.07	22.22	24	0
10	QPSK	25	12	22.12	22.10	22.03		
10	QPSK	25	25	22.03	22.13	22.28		
10	QPSK	50	0	22.24	22.13	22.07		
10	16QAM	1	0	22.27	22.20	22.29	24	0
10	16QAM	1	25	22.25	22.33	22.20		
10	16QAM	1	49	22.29	22.33	22.22		
10	16QAM	25	0	21.65	21.61	21.76	23	1
10	16QAM	25	12	21.79	21.62	21.74		
10	16QAM	25	25	21.75	21.71	21.45		
10	16QAM	50	0	21.64	21.67	21.64		
10	64QAM	1	0	22.33	22.13	22.15	24	0
10	64QAM	1	25	22.01	22.08	22.23		
10	64QAM	1	49	22.12	22.16	22.02		
10	64QAM	25	0	21.65	21.68	21.77	23	1
10	64QAM	25	12	21.80	21.63	21.63		
10	64QAM	25	25	21.61	21.64	21.62		
10	64QAM	50	0	21.53	21.75	21.78		
10	256QAM	1	0	18.60	18.64	18.65	20	4
10	256QAM	1	25	18.43	18.54	18.67		
10	256QAM	1	49	18.47	18.63	18.69		
10	256QAM	25	0	18.47	18.55	18.54	20	4
10	256QAM	25	12	18.56	18.49	18.54		
10	256QAM	25	25	18.46	18.65	18.50		
10	256QAM	50	0	18.43	18.59	18.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.01	22.49	22.02	24	0
5	QPSK	1	12	22.16	22.13	22.21		
5	QPSK	1	24	22.33	22.13	22.28		
5	QPSK	12	0	22.09	22.10	22.04	24	0
5	QPSK	12	7	22.16	22.05	22.00		
5	QPSK	12	13	22.13	22.27	22.03		
5	QPSK	25	0	22.09	22.09	22.10		
5	16QAM	1	0	22.15	22.37	22.16	24	0
5	16QAM	1	12	22.21	22.34	22.38		
5	16QAM	1	24	22.33	22.26	22.12		
5	16QAM	12	0	21.64	21.64	21.66	23	1
5	16QAM	12	7	21.73	21.71	21.69		
5	16QAM	12	13	21.79	21.66	21.53		
5	16QAM	25	0	21.76	21.71	21.73		
5	64QAM	1	0	22.26	22.10	22.12	24	0
5	64QAM	1	12	22.11	22.23	22.30		
5	64QAM	1	24	22.01	22.07	22.01		
5	64QAM	12	0	21.64	21.70	21.77	23	1
5	64QAM	12	7	21.84	21.78	21.79		
5	64QAM	12	13	21.63	21.52	21.60		
5	64QAM	25	0	21.60	21.60	21.63		
5	256QAM	1	0	18.54	18.71	18.57	20	4
5	256QAM	1	12	18.47	18.60	18.66		
5	256QAM	1	24	18.41	18.65	18.69		
5	256QAM	12	0	18.51	18.54	18.54	20	4
5	256QAM	12	7	18.48	18.50	18.56		
5	256QAM	12	13	18.43	18.56	18.60		
5	256QAM	25	0	18.38	18.52	18.49		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.20	22.52	22.09	24	0
3	QPSK	1	8	22.08	22.07	22.16		
3	QPSK	1	14	22.21	22.19	22.13		
3	QPSK	8	0	22.15	22.09	22.17	24	0
3	QPSK	8	4	22.13	22.02	22.08		
3	QPSK	8	7	22.04	22.02	22.17		
3	QPSK	15	0	22.04	22.12	22.16		
3	16QAM	1	0	22.13	22.37	22.32	24	0
3	16QAM	1	8	22.25	22.32	22.27		
3	16QAM	1	14	22.27	22.28	22.05		
3	16QAM	8	0	21.76	21.78	21.67	23	1
3	16QAM	8	4	21.70	21.75	21.76		
3	16QAM	8	7	21.67	21.65	21.51		
3	16QAM	15	0	21.82	21.60	21.66		
3	64QAM	1	0	22.33	22.21	22.09	24	0
3	64QAM	1	8	22.17	22.15	22.21		
3	64QAM	1	14	22.12	22.17	22.04		
3	64QAM	8	0	21.74	21.74	21.74	23	1
3	64QAM	8	4	21.72	21.76	21.73		
3	64QAM	8	7	21.77	21.62	21.70		
3	64QAM	15	0	21.50	21.75	21.64		
3	256QAM	1	0	18.57	18.71	18.65	20	4
3	256QAM	1	8	18.46	18.55	18.67		
3	256QAM	1	14	18.44	18.73	18.68		
3	256QAM	8	0	18.50	18.63	18.60	20	4
3	256QAM	8	4	18.50	18.45	18.51		
3	256QAM	8	7	18.47	18.65	18.61		
3	256QAM	15	0	18.41	18.53	18.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.04	22.46	22.19	24	0
1.4	QPSK	1	3	22.13	22.14	22.10		
1.4	QPSK	1	5	22.35	22.20	22.17		
1.4	QPSK	3	0	22.09	22.05	22.10		
1.4	QPSK	3	1	22.22	22.14	22.03		
1.4	QPSK	3	3	22.10	22.23	22.02		
1.4	QPSK	6	0	22.09	22.00	22.03	24	0
1.4	16QAM	1	0	22.52	22.45	22.44	24	0
1.4	16QAM	1	3	22.51	22.53	22.33		
1.4	16QAM	1	5	22.39	22.39	22.39		
1.4	16QAM	3	0	22.43	22.24	22.15		
1.4	16QAM	3	1	22.31	22.25	22.16		
1.4	16QAM	3	3	22.36	22.33	22.19		
1.4	16QAM	6	0	22.30	22.17	22.48	24	0
1.4	64QAM	1	0	22.33	22.36	22.04	24	0
1.4	64QAM	1	3	22.31	22.26	22.18		
1.4	64QAM	1	5	22.02	22.17	22.29		
1.4	64QAM	3	0	22.09	22.30	22.14		
1.4	64QAM	3	1	22.28	22.21	22.16		
1.4	64QAM	3	3	22.21	22.15	22.18		
1.4	64QAM	6	0	22.17	22.37	22.33	24	0
1.4	256QAM	1	0	18.62	18.70	18.63	20	4
1.4	256QAM	1	3	18.41	18.57	18.67		
1.4	256QAM	1	5	18.49	18.69	18.61		
1.4	256QAM	3	0	18.56	18.55	18.59		
1.4	256QAM	3	1	18.55	18.50	18.44		
1.4	256QAM	3	3	18.46	18.57	18.55		
1.4	256QAM	6	0	18.43	18.58	18.52	20	4

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.66	22.55	24	0
10	QPSK	1	25	22.35	22.37	22.49		
10	QPSK	1	49	22.25	22.36	22.43		
10	QPSK	25	0	22.41	22.58	22.54	24	0
10	QPSK	25	12	22.48	22.53	22.51		
10	QPSK	25	25	22.40	22.48	22.48		
10	QPSK	50	0	22.43	22.53	22.50		
10	16QAM	1	0	22.29	22.29	22.24	24	0
10	16QAM	1	25	22.22	22.16	22.26		
10	16QAM	1	49	22.24	22.12	22.27		
10	16QAM	25	0	22.08	21.95	22.15	23	1
10	16QAM	25	12	22.03	21.92	22.19		
10	16QAM	25	25	22.07	22.07	22.23		
10	16QAM	50	0	21.66	21.48	21.66		
10	64QAM	1	0	22.56	22.47	22.61	24	0
10	64QAM	1	25	22.49	22.55	22.52		
10	64QAM	1	49	22.37	22.64	22.59		
10	64QAM	25	0	21.91	21.87	22.03	23	1
10	64QAM	25	12	21.98	22.01	22.03		
10	64QAM	25	25	21.88	21.81	22.01		
10	64QAM	50	0	21.94	21.89	22.02		
10	256QAM	1	0	18.77	18.87	18.79	20	4
10	256QAM	1	25	18.61	18.68	18.69		
10	256QAM	1	49	18.61	18.81	18.80		
10	256QAM	25	0	18.67	18.72	18.69	20	4
10	256QAM	25	12	18.61	18.70	18.65		
10	256QAM	25	25	18.62	18.50	18.67		
10	256QAM	50	0	18.59	18.65	18.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.45	22.37	22.28	24	0
5	QPSK	1	12	22.39	22.41	22.31		
5	QPSK	1	24	22.38	22.29	22.54		
5	QPSK	12	0	22.26	22.32	22.47	24	0
5	QPSK	12	7	22.48	22.45	22.53		
5	QPSK	12	13	22.41	22.45	22.52		
5	QPSK	25	0	22.41	22.43	22.44		
5	16QAM	1	0	22.26	22.33	22.28	24	0
5	16QAM	1	12	22.32	22.17	22.38		
5	16QAM	1	24	22.11	22.15	22.31		
5	16QAM	12	0	22.09	21.92	22.09	23	1
5	16QAM	12	7	22.01	22.03	22.08		
5	16QAM	12	13	22.02	22.07	22.20		
5	16QAM	25	0	21.57	21.42	21.59		
5	64QAM	1	0	22.56	22.53	22.17	24	0
5	64QAM	1	12	22.59	22.57	22.41		
5	64QAM	1	24	22.53	22.30	22.50		
5	64QAM	12	0	22.45	22.38	22.26	23	1
5	64QAM	12	7	22.60	22.49	22.54		
5	64QAM	12	13	22.47	22.54	22.10		
5	64QAM	25	0	21.95	21.97	21.67		
5	256QAM	1	0	18.69	18.80	18.69	20	4
5	256QAM	1	12	18.62	18.63	18.63		
5	256QAM	1	24	18.57	18.78	18.76		
5	256QAM	12	0	18.61	18.68	18.60	20	4
5	256QAM	12	7	18.53	18.60	18.61		
5	256QAM	12	13	18.56	18.39	18.61		
5	256QAM	25	0	18.58	18.63	18.72		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.40	22.30	22.43	24	0
3	QPSK	1	8	22.43	22.37	22.48		
3	QPSK	1	14	22.35	22.36	22.46		
3	QPSK	8	0	22.47	22.34	22.45	24	0
3	QPSK	8	4	22.47	22.44	22.53		
3	QPSK	8	7	22.45	22.42	22.52		
3	QPSK	15	0	22.45	22.40	22.43		
3	16QAM	1	0	22.40	22.27	22.18	24	0
3	16QAM	1	8	22.29	22.31	22.33		
3	16QAM	1	14	22.11	22.21	22.38		
3	16QAM	8	0	22.09	22.02	22.09	23	1
3	16QAM	8	4	22.05	21.96	22.11		
3	16QAM	8	7	22.13	22.09	22.26		
3	16QAM	15	0	21.65	21.53	21.66		
3	64QAM	1	0	22.53	22.45	22.56	24	0
3	64QAM	1	8	22.56	22.50	22.63		
3	64QAM	1	14	22.51	22.47	22.60		
3	64QAM	8	0	21.96	21.87	21.96	23	1
3	64QAM	8	4	21.94	21.92	22.06		
3	64QAM	8	7	21.96	21.94	22.03		
3	64QAM	15	0	21.93	21.93	21.95		
3	256QAM	1	0	18.73	18.79	18.69	20	4
3	256QAM	1	8	18.53	18.60	18.67		
3	256QAM	1	14	18.56	18.70	18.74		
3	256QAM	8	0	18.60	18.68	18.68	20	4
3	256QAM	8	4	18.61	18.65	18.65		
3	256QAM	8	7	18.52	18.44	18.64		
3	256QAM	15	0	18.60	18.62	18.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.40	22.31	22.47	24	0
1.4	QPSK	1	3	22.42	22.38	22.51		
1.4	QPSK	1	5	22.36	22.33	22.47		
1.4	QPSK	3	0	22.41	22.35	22.49		
1.4	QPSK	3	1	22.44	22.38	22.49		
1.4	QPSK	3	3	22.39	22.39	22.49		
1.4	QPSK	6	0	22.44	22.35	22.50	24	0
1.4	16QAM	1	0	22.35	22.32	22.32	24	0
1.4	16QAM	1	3	22.24	22.30	22.30		
1.4	16QAM	1	5	22.14	22.22	22.26		
1.4	16QAM	3	0	22.16	22.23	22.06		
1.4	16QAM	3	1	22.09	22.31	22.20		
1.4	16QAM	3	3	22.11	22.28	22.20		
1.4	16QAM	6	0	21.47	21.38	21.66	23	1
1.4	64QAM	1	0	22.61	22.44	22.58	24	0
1.4	64QAM	1	3	22.48	22.51	22.64		
1.4	64QAM	1	5	22.50	22.53	22.65		
1.4	64QAM	3	0	22.51	22.40	22.36		
1.4	64QAM	3	1	22.51	22.45	22.43		
1.4	64QAM	3	3	22.48	22.48	22.49		
1.4	64QAM	6	0	21.96	21.87	22.01	23	1
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.52	18.67	18.64		
1.4	256QAM	1	5	18.57	18.79	18.70		
1.4	256QAM	3	0	18.62	18.69	18.61		
1.4	256QAM	3	1	18.50	18.63	18.57		
1.4	256QAM	3	3	18.57	18.48	18.60		
1.4	256QAM	6	0	18.48	18.54	18.60	20	4

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.78	22.89	22.69	24	0
20	QPSK	1	49	22.50	22.51	22.52		
20	QPSK	1	99	22.79	22.58	22.53		
20	QPSK	50	0	22.57	22.63	22.49	24	0
20	QPSK	50	24	22.61	22.56	22.54		
20	QPSK	50	50	22.60	22.59	22.62		
20	QPSK	100	0	22.61	22.64	22.53		
20	16QAM	1	0	22.77	22.71	22.71	24	0
20	16QAM	1	49	22.85	22.81	22.83		
20	16QAM	1	99	22.78	22.79	22.60		
20	16QAM	50	0	21.90	21.76	21.80	23	1
20	16QAM	50	24	21.90	21.89	21.83		
20	16QAM	50	50	21.88	21.90	21.93		
20	16QAM	100	0	21.92	21.88	21.82		
20	64QAM	1	0	22.62	22.48	22.49	24	0
20	64QAM	1	49	22.60	22.76	22.78		
20	64QAM	1	99	22.69	22.66	22.57		
20	64QAM	50	0	21.88	21.74	21.78	23	1
20	64QAM	50	24	21.93	21.88	21.84		
20	64QAM	50	50	21.92	21.82	21.91		
20	64QAM	100	0	21.90	21.76	21.81		
20	256QAM	1	0	18.86	18.96	18.91	20	4
20	256QAM	1	49	18.70	18.80	18.83		
20	256QAM	1	99	18.77	18.94	18.90		
20	256QAM	50	0	18.85	18.87	18.82	20	4
20	256QAM	50	24	18.81	18.68	18.76		
20	256QAM	50	50	18.73	18.70	18.85		
20	256QAM	100	0	18.76	18.85	18.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.59	22.53	22.55	24	0
15	QPSK	1	37	22.71	22.68	22.70		
15	QPSK	1	74	22.68	22.67	22.72		
15	QPSK	36	0	22.72	22.59	22.62	24	0
15	QPSK	36	20	22.77	22.69	22.73		
15	QPSK	36	39	22.71	22.67	22.74		
15	QPSK	75	0	22.73	22.66	22.72		
15	16QAM	1	0	22.82	22.68	22.79	24	0
15	16QAM	1	37	22.79	22.82	22.76		
15	16QAM	1	74	22.76	22.84	22.78		
15	16QAM	36	0	22.05	21.96	21.96	23	1
15	16QAM	36	20	22.08	22.08	22.08		
15	16QAM	36	39	22.05	22.05	22.09		
15	16QAM	75	0	22.04	22.04	22.06		
15	64QAM	1	0	22.69	22.79	22.76	24	0
15	64QAM	1	37	22.81	22.78	22.80		
15	64QAM	1	74	22.72	22.81	22.82		
15	64QAM	36	0	22.02	21.93	21.95	23	1
15	64QAM	36	20	22.07	22.06	22.06		
15	64QAM	36	39	22.01	22.02	22.07		
15	64QAM	75	0	22.01	22.02	22.06		
15	256QAM	1	0	18.77	18.87	18.86	20	4
15	256QAM	1	37	18.70	18.79	18.78		
15	256QAM	1	74	18.75	18.88	18.81		
15	256QAM	36	0	18.77	18.78	18.83	20	4
15	256QAM	36	20	18.71	18.61	18.75		
15	256QAM	36	39	18.64	18.62	18.77		
15	256QAM	75	0	18.77	18.81	18.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.60	22.56	22.63	24	0
10	QPSK	1	25	22.68	22.67	22.69		
10	QPSK	1	49	22.68	22.67	22.72		
10	QPSK	25	0	22.58	22.55	22.65	24	0
10	QPSK	25	12	22.77	22.70	22.75		
10	QPSK	25	25	22.76	22.75	22.79		
10	QPSK	50	0	22.72	22.68	22.72		
10	16QAM	1	0	22.69	22.77	22.78	24	0
10	16QAM	1	25	22.67	22.79	22.67		
10	16QAM	1	49	22.68	22.78	22.81		
10	16QAM	25	0	21.90	21.93	22.02	23	1
10	16QAM	25	12	22.06	22.08	22.16		
10	16QAM	25	25	22.09	22.12	22.16		
10	16QAM	50	0	22.00	22.04	22.07		
10	64QAM	1	0	22.73	22.71	22.76	24	0
10	64QAM	1	25	22.84	22.75	22.84		
10	64QAM	1	49	22.84	22.74	22.78		
10	64QAM	25	0	21.87	21.86	22.01	23	1
10	64QAM	25	12	22.08	22.04	22.13		
10	64QAM	25	25	22.08	22.06	22.10		
10	64QAM	50	0	22.00	22.03	22.04		
10	256QAM	1	0	18.80	18.90	18.86	20	4
10	256QAM	1	25	18.70	18.73	18.75		
10	256QAM	1	49	18.71	18.84	18.80		
10	256QAM	25	0	18.82	18.84	18.72	20	4
10	256QAM	25	12	18.76	18.69	18.77		
10	256QAM	25	25	18.66	18.60	18.79		
10	256QAM	50	0	18.77	18.78	18.77		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.39	22.35	22.44	24	0
5	QPSK	1	12	22.52	22.55	22.56		
5	QPSK	1	24	22.54	22.55	22.60		
5	QPSK	12	0	22.54	22.49	22.53	24	0
5	QPSK	12	7	22.67	22.54	22.59		
5	QPSK	12	13	22.62	22.61	22.67		
5	QPSK	25	0	22.64	22.62	22.56		
5	16QAM	1	0	22.67	22.75	22.73	24	0
5	16QAM	1	12	22.78	22.78	22.84		
5	16QAM	1	24	22.67	22.69	22.73		
5	16QAM	12	0	21.84	21.81	21.81	23	1
5	16QAM	12	7	21.97	21.87	21.88		
5	16QAM	12	13	21.95	21.93	21.97		
5	16QAM	25	0	21.95	21.68	21.86		
5	64QAM	1	0	22.57	22.64	22.49	24	0
5	64QAM	1	12	22.81	22.47	22.77		
5	64QAM	1	24	22.83	22.75	22.73		
5	64QAM	12	0	21.84	21.81	21.83	23	1
5	64QAM	12	7	21.76	21.86	21.89		
5	64QAM	12	13	21.94	21.82	21.94		
5	64QAM	25	0	21.97	21.77	21.85		
5	256QAM	1	0	18.76	18.88	18.84	20	4
5	256QAM	1	12	18.67	18.72	18.79		
5	256QAM	1	24	18.67	18.89	18.84		
5	256QAM	12	0	18.78	18.81	18.77	20	4
5	256QAM	12	7	18.82	18.60	18.70		
5	256QAM	12	13	18.65	18.65	18.77		
5	256QAM	25	0	18.72	18.77	18.75		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.29	24.38	24.34	25	0
10	QPSK	1	25	24.21	24.26	24.22		
10	QPSK	1	49	24.23	24.30	24.10		
10	QPSK	25	0	23.31	23.41	23.34	24	1
10	QPSK	25	12	23.37	23.31	23.33		
10	QPSK	25	25	23.40	23.37	23.28		
10	QPSK	50	0	23.35	23.37	23.36		
10	16QAM	1	0	23.39	23.47	23.53	24	1
10	16QAM	1	25	23.41	23.39	23.37		
10	16QAM	1	49	23.45	23.21	23.29		
10	16QAM	25	0	22.26	22.34	22.27	23	2
10	16QAM	25	12	22.37	22.31	22.28		
10	16QAM	25	25	22.23	22.41	22.35		
10	16QAM	50	0	22.40	22.32	22.41		
10	64QAM	1	0	22.33	22.43	22.36	23	2
10	64QAM	1	25	22.44	22.35	22.53		
10	64QAM	1	49	22.46	22.25	22.35		
10	64QAM	25	0	21.33	21.27	21.35	23	2
10	64QAM	25	12	21.40	21.31	21.26		
10	64QAM	25	25	21.38	21.36	21.31		
10	64QAM	50	0	21.35	21.31	21.33		
10	256QAM	1	0	19.33	19.28	19.35	20	5
10	256QAM	1	25	19.49	19.50	19.33		
10	256QAM	1	49	19.56	19.48	19.38		
10	256QAM	25	0	19.27	19.32	19.36	20	5
10	256QAM	25	12	19.39	19.26	19.27		
10	256QAM	25	25	19.35	19.33	19.33		
10	256QAM	50	0	19.33	19.29	19.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.28	24.30	24.19	25	0
5	QPSK	1	12	24.29	24.28	24.35		
5	QPSK	1	24	24.08	24.18	24.23		
5	QPSK	12	0	23.38	23.30	23.34	24	1
5	QPSK	12	7	23.36	23.36	23.47		
5	QPSK	12	13	23.21	23.27	23.18		
5	QPSK	25	0	23.31	23.25	23.29		
5	16QAM	1	0	23.49	23.39	23.35	24	1
5	16QAM	1	12	23.49	23.47	23.56		
5	16QAM	1	24	23.47	23.41	23.34		
5	16QAM	12	0	22.34	22.34	22.40	23	2
5	16QAM	12	7	22.35	22.39	22.36		
5	16QAM	12	13	22.21	22.31	22.40		
5	16QAM	25	0	22.17	22.29	22.18		
5	64QAM	1	0	22.34	22.38	22.31	23	2
5	64QAM	1	12	22.38	22.47	22.45		
5	64QAM	1	24	22.36	22.29	22.32		
5	64QAM	12	0	21.29	21.30	21.38	23	2
5	64QAM	12	7	21.26	21.33	21.38		
5	64QAM	12	13	21.47	21.36	21.43		
5	64QAM	25	0	21.15	21.23	21.16		
5	256QAM	1	0	19.44	19.36	19.35	20	5
5	256QAM	1	12	19.47	19.48	19.46		
5	256QAM	1	24	19.41	19.32	19.23		
5	256QAM	12	0	19.39	19.29	19.41	20	5
5	256QAM	12	7	19.41	19.41	19.43		
5	256QAM	12	13	19.45	19.33	19.33		
5	256QAM	25	0	19.32	19.25	19.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.35	24.29	24.26	25	0
3	QPSK	1	8	24.30	24.28	24.32		
3	QPSK	1	14	24.04	24.12	24.19		
3	QPSK	8	0	23.37	23.28	23.26	24	1
3	QPSK	8	4	23.35	23.35	23.33		
3	QPSK	8	7	23.31	23.37	23.47		
3	QPSK	15	0	23.41	23.32	23.37		
3	16QAM	1	0	23.19	23.27	23.30	24	1
3	16QAM	1	8	23.45	23.51	23.20		
3	16QAM	1	14	23.38	23.29	23.24		
3	16QAM	8	0	22.37	22.29	22.17	23	2
3	16QAM	8	4	22.46	22.41	22.51		
3	16QAM	8	7	22.37	22.39	22.50		
3	16QAM	15	0	22.44	22.34	22.44		
3	64QAM	1	0	22.34	22.35	22.42	23	2
3	64QAM	1	8	22.71	22.59	22.69		
3	64QAM	1	14	22.35	22.44	22.46		
3	64QAM	8	0	21.45	21.41	21.29	23	2
3	64QAM	8	4	21.49	21.52	21.53		
3	64QAM	8	7	21.24	21.32	21.25		
3	64QAM	15	0	21.19	21.30	21.32		
3	256QAM	1	0	19.40	19.35	19.45	20	5
3	256QAM	1	8	19.38	19.46	19.55		
3	256QAM	1	14	19.38	19.33	19.31		
3	256QAM	8	0	19.30	19.34	19.26	20	5
3	256QAM	8	4	19.41	19.42	19.54		
3	256QAM	8	7	19.39	19.38	19.37		
3	256QAM	15	0	19.45	19.33	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.19	24.34	25	0
1.4	QPSK	1	3	24.20	24.24	24.08		
1.4	QPSK	1	5	24.02	24.15	23.90		
1.4	QPSK	3	0	24.12	24.16	24.09		
1.4	QPSK	3	1	24.15	24.27	24.13		
1.4	QPSK	3	3	23.88	24.01	24.03		
1.4	QPSK	6	0	23.18	23.13	23.29	24	1
1.4	16QAM	1	0	23.22	23.15	23.35	24	1
1.4	16QAM	1	3	23.05	23.20	23.17		
1.4	16QAM	1	5	23.24	23.05	23.25		
1.4	16QAM	3	0	23.44	23.34	23.14		
1.4	16QAM	3	1	23.29	23.31	23.51		
1.4	16QAM	3	3	23.28	23.36	23.29		
1.4	16QAM	6	0	22.32	22.15	22.41	23	2
1.4	64QAM	1	0	22.35	22.23	22.28	23	2
1.4	64QAM	1	3	22.31	22.20	22.25		
1.4	64QAM	1	5	22.06	22.25	22.18		
1.4	64QAM	3	0	22.19	22.24	22.29		
1.4	64QAM	3	1	22.38	22.48	22.45		
1.4	64QAM	3	3	22.33	22.15	22.26		
1.4	64QAM	6	0	21.30	21.16	21.26	23	2
1.4	256QAM	1	0	19.37	19.16	19.15	20	5
1.4	256QAM	1	3	19.25	19.26	19.24		
1.4	256QAM	1	5	19.41	19.31	19.02		
1.4	256QAM	3	0	19.20	19.26	19.24		
1.4	256QAM	3	1	19.37	19.26	19.39		
1.4	256QAM	3	3	19.37	19.27	19.14		
1.4	256QAM	6	0	19.22	19.10	19.05	20	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.33		25	0
10	QPSK	1	25		24.24			
10	QPSK	1	49		24.31			
10	QPSK	25	0		23.41		24	1
10	QPSK	25	12		23.36			
10	QPSK	25	25		23.37			
10	QPSK	50	0		23.27			
10	16QAM	1	0		23.21		24	1
10	16QAM	1	25		23.67			
10	16QAM	1	49		23.34			
10	16QAM	25	0		22.31		23	2
10	16QAM	25	12		22.34			
10	16QAM	25	25		22.32			
10	16QAM	50	0		22.25			
10	64QAM	1	0		22.49		23	2
10	64QAM	1	25		22.54			
10	64QAM	1	49		22.31			
10	64QAM	25	0		21.39		23	2
10	64QAM	25	12		21.34			
10	64QAM	25	25		21.32			
10	64QAM	50	0		21.27			
10	256QAM	1	0		19.42		20	5
10	256QAM	1	25		19.44			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.40		20	5
10	256QAM	25	12		19.30			
10	256QAM	25	25		19.34			
10	256QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.12	24.20	24.14	25	0
5	QPSK	1	12	24.11	24.13	24.11		
5	QPSK	1	24	24.18	24.27	24.29		
5	QPSK	12	0	23.36	23.26	23.30	24	1
5	QPSK	12	7	23.34	23.32	23.15		
5	QPSK	12	13	23.20	23.31	23.26		
5	QPSK	25	0	23.10	23.18	23.13		
5	16QAM	1	0	23.22	23.14	23.18	24	1
5	16QAM	1	12	23.56	23.52	23.64		
5	16QAM	1	24	23.22	23.19	23.30		
5	16QAM	12	0	22.19	22.26	22.09	23	2
5	16QAM	12	7	22.13	22.27	22.12		
5	16QAM	12	13	22.17	22.18	22.20		
5	16QAM	25	0	22.07	22.21	22.16		
5	64QAM	1	0	22.32	22.29	22.32	23	2
5	64QAM	1	12	22.45	22.38	22.38		
5	64QAM	1	24	22.16	22.17	22.19		
5	64QAM	12	0	21.21	21.18	21.19	23	2
5	64QAM	12	7	21.19	21.29	21.28		
5	64QAM	12	13	21.14	21.26	21.20		
5	64QAM	25	0	21.06	21.07	21.12		
5	256QAM	1	0	19.36	19.26	19.35	20	5
5	256QAM	1	12	19.28	19.25	19.41		
5	256QAM	1	24	19.36	19.32	19.47		
5	256QAM	12	0	19.28	19.24	19.30	20	5
5	256QAM	12	7	19.13	19.26	19.09		
5	256QAM	12	13	19.24	19.31	19.28		
5	256QAM	25	0	19.29	19.15	19.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.52	22.69	22.44	24	0
20	QPSK	1	49	22.38	22.35	22.48		
20	QPSK	1	99	22.49	22.39	22.34		
20	QPSK	50	0	22.33	22.36	22.09	24	0
20	QPSK	50	24	22.34	22.28	22.09		
20	QPSK	50	50	22.30	22.23	22.07		
20	QPSK	100	0	22.32	22.37	22.27		
20	16QAM	1	0	22.55	22.41	22.41	24	0
20	16QAM	1	49	22.67	22.54	22.43		
20	16QAM	1	99	22.68	22.57	22.32		
20	16QAM	50	0	21.96	21.88	21.81	23	1
20	16QAM	50	24	22.01	22.01	21.82		
20	16QAM	50	50	21.96	21.97	21.81		
20	16QAM	100	0	21.92	21.85	21.72		
20	64QAM	1	0	22.39	22.41	22.16	24	0
20	64QAM	1	49	22.50	22.43	22.27		
20	64QAM	1	99	22.51	22.40	22.32		
20	64QAM	50	0	21.96	21.84	21.61	23	1
20	64QAM	50	24	21.95	21.93	21.83		
20	64QAM	50	50	21.94	21.92	21.84		
20	64QAM	100	0	21.83	21.77	21.62		
20	256QAM	1	0	18.76	18.88	18.84	20	4
20	256QAM	1	49	18.57	18.73	18.73		
20	256QAM	1	99	18.66	18.79	18.80		
20	256QAM	50	0	18.60	18.75	18.68	20	4
20	256QAM	50	24	18.67	18.53	18.58		
20	256QAM	50	50	18.49	18.64	18.66		
20	256QAM	100	0	18.66	18.51	18.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.44	22.65	22.36	24	0
15	QPSK	1	37	22.27	22.26	22.37		
15	QPSK	1	74	22.42	22.23	22.17		
15	QPSK	36	0	22.18	22.20	22.02	24	0
15	QPSK	36	20	22.21	22.28	22.34		
15	QPSK	36	39	22.24	22.05	22.01		
15	QPSK	75	0	22.20	22.24	22.25		
15	16QAM	1	0	22.54	22.37	22.24	24	0
15	16QAM	1	37	22.56	22.37	22.25		
15	16QAM	1	74	22.67	22.50	22.22		
15	16QAM	36	0	21.81	21.72	21.71	23	1
15	16QAM	36	20	21.92	22.01	21.64		
15	16QAM	36	39	21.87	21.83	21.67		
15	16QAM	75	0	21.89	21.67	21.54		
15	64QAM	1	0	22.25	22.25	22.25	24	0
15	64QAM	1	37	22.40	22.35	22.19		
15	64QAM	1	74	22.35	22.38	22.17		
15	64QAM	36	0	21.82	21.82	21.53	23	1
15	64QAM	36	20	21.87	21.80	21.75		
15	64QAM	36	39	21.78	21.74	21.78		
15	64QAM	75	0	21.68	21.77	21.48		
15	256QAM	1	0	18.72	18.78	18.76	20	4
15	256QAM	1	37	18.46	18.72	18.62		
15	256QAM	1	74	18.64	18.73	18.79		
15	256QAM	36	0	18.52	18.74	18.66	20	4
15	256QAM	36	20	18.64	18.49	18.48		
15	256QAM	36	39	18.45	18.63	18.58		
15	256QAM	75	0	18.64	18.50	18.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.51	22.61	22.26	24	0
10	QPSK	1	25	22.22	22.32	22.33		
10	QPSK	1	49	22.37	22.30	22.16		
10	QPSK	25	0	22.23	22.30	22.26	24	0
10	QPSK	25	12	22.30	22.19	22.02		
10	QPSK	25	25	22.13	22.14	22.23		
10	QPSK	50	0	22.15	22.30	22.13		
10	16QAM	1	0	22.52	22.37	22.25	24	0
10	16QAM	1	25	22.53	22.47	22.24		
10	16QAM	1	49	22.55	22.52	22.24		
10	16QAM	25	0	21.87	21.77	21.63	23	1
10	16QAM	25	12	21.94	21.98	21.73		
10	16QAM	25	25	21.89	21.82	21.68		
10	16QAM	50	0	21.78	21.73	21.63		
10	64QAM	1	0	22.20	22.29	22.10	24	0
10	64QAM	1	25	22.34	22.43	22.27		
10	64QAM	1	49	22.48	22.36	22.31		
10	64QAM	25	0	21.79	21.83	21.44	23	1
10	64QAM	25	12	21.78	21.87	21.75		
10	64QAM	25	25	21.79	21.86	21.77		
10	64QAM	50	0	21.72	21.59	21.60		
10	256QAM	1	0	18.75	18.82	18.84	20	4
10	256QAM	1	25	18.55	18.68	18.69		
10	256QAM	1	49	18.65	18.72	18.80		
10	256QAM	25	0	18.52	18.68	18.63	20	4
10	256QAM	25	12	18.58	18.53	18.52		
10	256QAM	25	25	18.42	18.63	18.67		
10	256QAM	50	0	18.57	18.50	18.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.40	22.50	22.40	24	0
5	QPSK	1	12	22.38	22.31	22.29		
5	QPSK	1	24	22.39	22.27	22.22		
5	QPSK	12	0	22.24	22.35	22.04	24	0
5	QPSK	12	7	22.24	22.28	22.19		
5	QPSK	12	13	22.25	22.13	22.24		
5	QPSK	25	0	22.18	22.30	22.27		
5	16QAM	1	0	22.43	22.25	22.37	24	0
5	16QAM	1	12	22.60	22.38	22.28		
5	16QAM	1	24	22.50	22.45	22.31		
5	16QAM	12	0	21.87	21.72	21.62	23	1
5	16QAM	12	7	21.82	21.96	21.70		
5	16QAM	12	13	21.95	21.79	21.66		
5	16QAM	25	0	21.84	21.73	21.70		
5	64QAM	1	0	22.31	22.32	22.27	24	0
5	64QAM	1	12	22.38	22.38	22.21		
5	64QAM	1	24	22.34	22.39	22.30		
5	64QAM	12	0	21.91	21.75	21.42	23	1
5	64QAM	12	7	21.77	21.89	21.68		
5	64QAM	12	13	21.80	21.76	21.64		
5	64QAM	25	0	21.75	21.69	21.53		
5	256QAM	1	0	18.68	18.88	18.85	20	4
5	256QAM	1	12	18.50	18.68	18.71		
5	256QAM	1	24	18.63	18.77	18.79		
5	256QAM	12	0	18.56	18.66	18.68	20	4
5	256QAM	12	7	18.64	18.44	18.53		
5	256QAM	12	13	18.40	18.62	18.58		
5	256QAM	25	0	18.60	18.43	18.70		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.41	22.55	22.40	24	0
3	QPSK	1	8	22.29	22.27	22.31		
3	QPSK	1	14	22.45	22.31	22.24		
3	QPSK	8	0	22.26	22.22	22.00	24	0
3	QPSK	8	4	22.16	22.10	22.23		
3	QPSK	8	7	22.11	22.22	22.31		
3	QPSK	15	0	22.17	22.35	22.20		
3	16QAM	1	0	22.54	22.27	22.34	24	0
3	16QAM	1	8	22.64	22.49	22.26		
3	16QAM	1	14	22.65	22.44	22.30		
3	16QAM	8	0	21.90	21.82	21.67	23	1
3	16QAM	8	4	21.86	21.99	21.77		
3	16QAM	8	7	21.88	21.97	21.63		
3	16QAM	15	0	21.83	21.73	21.65		
3	64QAM	1	0	22.20	22.23	22.07	24	0
3	64QAM	1	8	22.47	22.26	22.21		
3	64QAM	1	14	22.48	22.26	22.24		
3	64QAM	8	0	21.78	21.82	21.46	23	1
3	64QAM	8	4	21.88	21.90	21.76		
3	64QAM	8	7	21.92	21.86	21.77		
3	64QAM	15	0	21.76	21.58	21.46		
3	256QAM	1	0	18.75	18.77	18.82	20	4
3	256QAM	1	8	18.49	18.69	18.73		
3	256QAM	1	14	18.63	18.78	18.79		
3	256QAM	8	0	18.50	18.70	18.65	20	4
3	256QAM	8	4	18.62	18.44	18.51		
3	256QAM	8	7	18.42	18.56	18.57		
3	256QAM	15	0	18.63	18.49	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.18	22.20	22.01	24	0
1.4	QPSK	1	3	22.25	22.13	22.04		
1.4	QPSK	1	5	22.18	22.06	22.03		
1.4	QPSK	3	0	22.25	22.23	22.07		
1.4	QPSK	3	1	22.25	22.25	22.04		
1.4	QPSK	3	3	22.26	22.20	22.04		
1.4	QPSK	6	0	22.27	22.21	22.03	24	0
1.4	16QAM	1	0	22.61	22.54	22.45	24	0
1.4	16QAM	1	3	22.65	22.68	22.45		
1.4	16QAM	1	5	22.56	22.46	22.49		
1.4	16QAM	3	0	22.44	22.37	22.22		
1.4	16QAM	3	1	22.43	22.42	22.20		
1.4	16QAM	3	3	22.49	22.41	22.24		
1.4	16QAM	6	0	22.34	22.27	22.51	24	0
1.4	64QAM	1	0	22.39	22.38	22.04	24	0
1.4	64QAM	1	3	22.07	22.35	22.21		
1.4	64QAM	1	5	22.19	22.27	22.06		
1.4	64QAM	3	0	22.24	22.34	22.26		
1.4	64QAM	3	1	22.43	22.26	22.21		
1.4	64QAM	3	3	22.27	22.21	22.31		
1.4	64QAM	6	0	22.23	22.43	22.36	24	0
1.4	256QAM	1	0	18.73	18.80	18.84	20	4
1.4	256QAM	1	3	18.56	18.67	18.65		
1.4	256QAM	1	5	18.56	18.74	18.77		
1.4	256QAM	3	0	18.50	18.74	18.67		
1.4	256QAM	3	1	18.64	18.47	18.56		
1.4	256QAM	3	3	18.46	18.53	18.60		
1.4	256QAM	6	0	18.60	18.43	18.65	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.42	22.44	22.54	22.47	24	0
20	QPSK	1	49	22.34	22.38	22.48	22.42		
20	QPSK	1	99	22.33	22.27	22.42	22.31		
20	QPSK	50	0	21.44	21.41	21.55	21.45	23	1
20	QPSK	50	24	21.20	21.24	21.35	21.16		
20	QPSK	50	50	21.34	21.33	21.43	21.35		
20	QPSK	100	0	21.25	21.27	21.41	21.36		
20	16QAM	1	0	21.34	21.40	21.53	21.39	23	1
20	16QAM	1	49	21.28	21.21	21.40	21.31		
20	16QAM	1	99	21.27	21.26	21.39	21.25		
20	16QAM	50	0	20.44	20.40	20.57	20.45	22	2
20	16QAM	50	24	20.33	20.19	20.39	20.24		
20	16QAM	50	50	20.38	20.39	20.48	20.36		
20	16QAM	100	0	20.32	20.31	20.37	20.20		
20	64QAM	1	0	20.34	20.26	20.44	20.31	22	2
20	64QAM	1	49	20.30	20.21	20.36	20.19		
20	64QAM	1	99	20.14	20.19	20.27	20.21		
20	64QAM	50	0	19.36	19.45	19.56	19.36	21	3
20	64QAM	50	24	19.34	19.30	19.49	19.43		
20	64QAM	50	50	19.38	19.24	19.43	19.22		
20	64QAM	100	0	19.33	19.31	19.51	19.39		
20	256QAM	1	0	17.35	17.49	17.35	17.51	19	5
20	256QAM	1	49	17.20	17.36	17.14	17.35		
20	256QAM	1	99	17.32	17.39	17.28	17.37		
20	256QAM	50	0	17.22	17.33	17.23	17.36	19	5
20	256QAM	50	24	17.27	17.14	17.29	17.08		
20	256QAM	50	50	17.11	17.19	17.10	17.30		
20	256QAM	100	0	17.28	17.13	17.24	17.15		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.32	22.32	22.43	22.30	24	0
15	QPSK	1	37	22.26	22.21	22.37	22.22		
15	QPSK	1	74	22.23	22.16	22.24	22.24		
15	QPSK	36	0	21.36	21.34	21.35	21.38	23	1
15	QPSK	36	20	21.07	21.07	21.15	21.01		
15	QPSK	36	39	21.24	21.21	21.24	21.21		
15	QPSK	75	0	21.20	21.08	21.27	21.24		
15	16QAM	1	0	21.21	21.24	21.35	21.28	23	1
15	16QAM	1	37	21.11	21.14	21.26	21.20		
15	16QAM	1	74	21.09	21.19	21.22	21.04		
15	16QAM	36	0	20.31	20.26	20.45	20.37	22	2
15	16QAM	36	20	20.20	20.14	20.32	20.12		
15	16QAM	36	39	20.22	20.30	20.33	20.20		
15	16QAM	75	0	20.23	20.23	20.23	20.13		
15	64QAM	1	0	20.18	20.11	20.25	20.11	22	2
15	64QAM	1	37	20.24	20.10	20.19	20.10		
15	64QAM	1	74	20.08	20.14	20.16	20.01		
15	64QAM	36	0	19.22	19.34	19.45	19.18	21	3
15	64QAM	36	20	19.27	19.16	19.33	19.35		
15	64QAM	36	39	19.28	19.15	19.27	19.06		
15	64QAM	75	0	19.12	19.14	19.43	19.34		
15	256QAM	1	0	17.33	17.48	17.29	17.41	19	5
15	256QAM	1	37	17.16	17.32	17.11	17.29		
15	256QAM	1	74	17.25	17.39	17.20	17.35		
15	256QAM	36	0	17.14	17.25	17.14	17.32	19	5
15	256QAM	36	20	17.27	17.11	17.20	17.19		
15	256QAM	36	39	17.04	17.10	17.20	17.26		
15	256QAM	75	0	17.24	17.11	17.15	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.35	22.33	22.36	22.26	24	0
10	QPSK	1	25	22.13	22.25	22.39	22.32		
10	QPSK	1	49	22.24	22.10	22.36	22.16		
10	QPSK	25	0	21.39	21.20	21.38	21.37	23	1
10	QPSK	25	12	21.06	21.18	21.14	21.00		
10	QPSK	25	25	21.15	21.17	21.29	21.17		
10	QPSK	50	0	21.12	21.07	21.21	21.18		
10	16QAM	1	0	21.27	21.34	21.42	21.22	23	1
10	16QAM	1	25	21.20	21.02	21.31	21.24		
10	16QAM	1	49	21.10	21.12	21.20	21.14		
10	16QAM	25	0	20.32	20.35	20.41	20.25	22	2
10	16QAM	25	12	20.25	20.11	20.27	20.06		
10	16QAM	25	25	20.21	20.22	20.35	20.17		
10	16QAM	50	0	20.20	20.19	20.31	20.09		
10	64QAM	1	0	20.23	20.13	20.38	20.26	22	2
10	64QAM	1	25	20.20	20.14	20.23	20.05		
10	64QAM	1	49	20.12	20.21	20.19	20.12		
10	64QAM	25	0	19.17	19.35	19.44	19.27	21	3
10	64QAM	25	12	19.27	19.14	19.34	19.30		
10	64QAM	25	25	19.27	19.06	19.29	19.11		
10	64QAM	50	0	19.16	19.13	19.43	19.28		
10	256QAM	1	0	17.33	17.41	17.34	17.43	19	5
10	256QAM	1	25	17.21	17.31	17.15	17.30		
10	256QAM	1	49	17.32	17.38	17.26	17.33		
10	256QAM	25	0	17.15	17.24	17.16	17.31	19	5
10	256QAM	25	12	17.28	17.04	17.28	17.00		
10	256QAM	25	25	17.08	17.10	17.10	17.27		
10	256QAM	50	0	17.22	17.10	17.24	17.04		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.36	22.31	22.40	22.30	24	0
5	QPSK	1	12	22.29	22.24	22.33	22.27		
5	QPSK	1	24	22.17	22.12	22.22	22.12		
5	QPSK	12	0	21.38	21.23	21.36	21.34	23	1
5	QPSK	12	7	21.05	21.10	21.17	21.28		
5	QPSK	12	13	21.16	21.25	21.30	21.17		
5	QPSK	25	0	21.08	21.12	21.29	21.27		
5	16QAM	1	0	21.26	21.26	21.40	21.20	23	1
5	16QAM	1	12	21.21	21.15	21.27	21.22		
5	16QAM	1	24	21.16	21.14	21.29	21.19		
5	16QAM	12	0	20.36	20.20	20.38	20.26	22	2
5	16QAM	12	7	20.12	20.04	20.27	20.07		
5	16QAM	12	13	20.17	20.22	20.35	20.31		
5	16QAM	25	0	20.13	20.22	20.16	20.04		
5	64QAM	1	0	20.28	20.21	20.35	20.14	22	2
5	64QAM	1	12	20.18	20.15	20.19	20.13		
5	64QAM	1	24	20.09	20.00	20.14	20.16		
5	64QAM	12	0	19.24	19.31	19.38	19.25	21	3
5	64QAM	12	7	19.16	19.12	19.30	19.29		
5	64QAM	12	13	19.23	19.07	19.28	19.12		
5	64QAM	25	0	19.17	19.19	19.31	19.30		
5	256QAM	1	0	17.29	17.43	17.34	17.44	19	5
5	256QAM	1	12	17.17	17.32	17.09	17.34		
5	256QAM	1	24	17.33	17.33	17.20	17.29		
5	256QAM	12	0	17.21	17.33	17.16	17.30	19	5
5	256QAM	12	7	17.27	17.04	17.25	17.01		
5	256QAM	12	13	17.08	17.17	17.05	17.25		
5	256QAM	25	0	17.22	17.12	17.15	17.06		

Reduced Power Level for WWAN

GSM850 Ant0 DSI2 Standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 2 Tx slots	29.15	28.84	29.08	30.00	23.15	22.84	23.08	24.00
GPRS 3 Tx slots	28.46	28.50	28.38	29.50	24.20	24.24	24.12	25.24
GPRS 4 Tx slots	26.17	26.08	25.94	27.50	23.17	23.08	22.94	24.50
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0 DSI2 Standalone

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 2 Tx slots	26.54	26.48	26.63	27.50	20.54	20.48	20.63	21.50
GPRS 3 Tx slots	25.14	25.17	25.10	26.50	20.88	20.91	20.84	22.24
GPRS 4 Tx slots	22.28	22.43	22.34	24.00	19.28	19.43	19.34	21.00
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.50	18.34	18.22	18.29	19.24
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

WCDMA II Ant0 DSI2 Standalone

WCDMA V Ant0 DSI2 Standalone

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.30	24.32	24.25	25.00	24.35	24.38	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.35	24.41	24.33	25.00	24.38	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.02	23.01	24.00	23.30	23.40	23.46	24.00
3GPP Rel 6	HSDPA Subtest-2	23.14	23.07	23.05	24.00	23.30	23.37	23.47	22.00
3GPP Rel 6	HSDPA Subtest-3	22.63	22.54	22.51	23.50	22.79	22.87	22.96	23.50
3GPP Rel 6	HSDPA Subtest-4	22.53	22.55	22.45	23.50	22.80	22.85	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.99	22.86	22.95	24.00	23.12	23.23	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.09	22.94	22.91	24.00	23.16	23.17	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.50	22.45	23.50	22.85	22.91	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.66	22.63	22.62	23.50	22.82	22.78	22.95	23.50
3GPP Rel 6	HSUPA Subtest-1	23.11	23.05	23.06	24.00	23.35	23.36	23.44	24.00
3GPP Rel 6	HSUPA Subtest-2	21.12	21.10	21.02	22.00	21.29	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-3	22.14	22.06	22.01	23.00	22.31	22.37	22.43	23.00
3GPP Rel 6	HSUPA Subtest-4	21.10	21.06	21.04	22.00	21.25	21.39	21.45	22.00
3GPP Rel 6	HSUPA Subtest-5	23.17	23.19	23.20	24.00	23.30	23.33	23.40	24.00

GSM850 Ant0 DSI2 Simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 2 Tx slots	29.15	28.84	29.08	30.00	23.15	22.84	23.08	24.00
GPRS 3 Tx slots	28.46	28.50	28.38	29.50	24.20	24.24	24.12	25.24
GPRS 4 Tx slots	26.17	26.08	25.94	27.50	23.17	23.08	22.94	24.50
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0 DSI2 Simultaneous

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 2 Tx slots	26.54	26.48	26.63	27.50	20.54	20.48	20.63	21.50
GPRS 3 Tx slots	25.14	25.17	25.10	26.50	20.88	20.91	20.84	22.24
GPRS 4 Tx slots	22.28	22.43	22.34	24.00	19.28	19.43	19.34	21.00
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.50	18.34	18.22	18.29	19.24
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

WCDMA II Ant0 DSI2 Simultaneous

WCDMA V Ant0 DSI2 Simultaneous

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.30	24.32	24.25	25.00	24.35	24.38	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.35	24.41	24.33	25.00	24.38	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.02	23.01	24.00	23.30	23.40	23.46	24.00
3GPP Rel 6	HSDPA Subtest-2	23.14	23.07	23.05	24.00	23.30	23.37	23.47	22.00
3GPP Rel 6	HSDPA Subtest-3	22.63	22.54	22.51	23.50	22.79	22.87	22.96	23.50
3GPP Rel 6	HSDPA Subtest-4	22.53	22.55	22.45	23.50	22.80	22.85	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.99	22.86	22.95	24.00	23.12	23.23	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.09	22.94	22.91	24.00	23.16	23.17	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.50	22.45	23.50	22.85	22.91	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.66	22.63	22.62	23.50	22.82	22.78	22.95	23.50
3GPP Rel 6	HSUPA Subtest-1	23.11	23.05	23.06	24.00	23.35	23.36	23.44	24.00
3GPP Rel 6	HSUPA Subtest-2	21.12	21.10	21.02	22.00	21.29	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-3	22.14	22.06	22.01	23.00	22.31	22.37	22.43	23.00
3GPP Rel 6	HSUPA Subtest-4	21.10	21.06	21.04	22.00	21.25	21.39	21.45	22.00
3GPP Rel 6	HSUPA Subtest-5	23.17	23.19	23.20	24.00	23.30	23.33	23.40	24.00

GSM850 Ant1 DSI2 Standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.85	31.71	31.64	32.70	22.85	22.71	22.64	23.70
GPRS 1 Tx slot	31.80	31.67	31.62	32.70	22.80	22.67	22.62	23.70
GPRS 2 Tx slots	28.52	28.69	28.76	29.70	22.52	22.69	22.76	23.70
GPRS 3 Tx slots	26.45	26.39	26.82	27.90	22.19	22.13	22.56	23.64
GPRS 4 Tx slots	25.47	25.53	25.47	26.70	22.47	22.53	22.47	23.70
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1 DSI2 Standalone

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.27	22.36	22.41	23.20
3GPP Rel 99	RMC 12.2Kbps	22.36	22.65	22.47	23.20
3GPP Rel 6	HSDPA Subtest-1	21.38	21.58	21.49	22.20
3GPP Rel 6	HSDPA Subtest-2	21.36	21.63	21.50	22.20
3GPP Rel 6	HSDPA Subtest-3	20.88	21.05	20.96	21.70
3GPP Rel 6	HSDPA Subtest-4	20.77	21.10	21.04	21.70
3GPP Rel 8	DC-HSDPA Subtest-1	21.36	21.62	21.39	22.20
3GPP Rel 8	DC-HSDPA Subtest-2	21.40	21.67	21.48	22.20
3GPP Rel 8	DC-HSDPA Subtest-3	20.95	21.17	20.99	21.70
3GPP Rel 8	DC-HSDPA Subtest-4	20.83	21.09	20.92	21.70
3GPP Rel 6	HSUPA Subtest-1	21.38	21.70	21.53	22.20
3GPP Rel 6	HSUPA Subtest-2	19.29	19.73	19.43	20.20
3GPP Rel 6	HSUPA Subtest-3	20.27	20.73	20.41	21.20
3GPP Rel 6	HSUPA Subtest-4	19.30	19.71	19.41	20.20
3GPP Rel 6	HSUPA Subtest-5	21.40	21.59	21.50	22.20

GSM850 Ant1 DSI2 Simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.47	30.33	30.25	31.40	21.47	21.33	21.25	22.40
GPRS 1 Tx slot	30.45	30.31	30.21	31.40	21.45	21.31	21.21	22.40
GPRS 2 Tx slots	26.97	27.40	27.31	28.40	20.97	21.40	21.31	22.40
GPRS 3 Tx slots	25.14	25.09	25.53	26.60	20.88	20.83	21.27	22.34
GPRS 4 Tx slots	24.51	24.77	24.75	25.40	21.51	21.77	21.75	22.40
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1 DSI2 Simultaneous

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.17	21.26	21.23	21.90
3GPP Rel 99	RMC 12.2Kbps	21.23	21.40	21.31	21.90
3GPP Rel 6	HSDPA Subtest-1	20.33	20.43	20.37	20.90
3GPP Rel 6	HSDPA Subtest-2	20.28	20.46	20.24	20.90
3GPP Rel 6	HSDPA Subtest-3	19.70	19.90	19.78	20.40
3GPP Rel 6	HSDPA Subtest-4	19.79	19.91	19.88	20.40
3GPP Rel 8	DC-HSDPA Subtest-1	20.19	20.32	20.27	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	20.27	20.33	20.40	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	19.75	19.86	19.78	20.40
3GPP Rel 8	DC-HSDPA Subtest-4	19.76	19.97	19.90	20.40
3GPP Rel 6	HSUPA Subtest-1	20.28	20.40	20.28	20.90
3GPP Rel 6	HSUPA Subtest-2	18.24	18.48	18.21	18.90
3GPP Rel 6	HSUPA Subtest-3	19.26	19.36	19.23	19.90
3GPP Rel 6	HSUPA Subtest-4	18.27	18.47	18.38	18.90
3GPP Rel 6	HSUPA Subtest-5	20.32	20.44	20.23	20.90

Band 2 Ant0 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	23.15	22.89	24	0
20	QPSK	1	49	22.81	22.76	22.71		
20	QPSK	1	99	22.79	22.74	22.68		
20	QPSK	50	0	22.80	22.83	22.77	24	0
20	QPSK	50	24	22.65	22.81	22.82		
20	QPSK	50	50	22.79	22.74	22.80		
20	QPSK	100	0	22.83	22.85	22.82		
20	16QAM	1	0	23.10	23.01	23.11	24	0
20	16QAM	1	49	23.05	23.14	23.13		
20	16QAM	1	99	23.05	23.00	23.01		
20	16QAM	50	0	22.39	22.35	22.36	24	0
20	16QAM	50	24	22.44	22.40	22.42		
20	16QAM	50	50	22.40	22.34	22.37		
20	16QAM	100	0	22.44	22.40	22.41		
20	64QAM	1	0	22.88	22.88	22.88	24	0
20	64QAM	1	49	23.03	22.94	22.89		
20	64QAM	1	99	22.77	22.80	22.85		
20	64QAM	50	0	22.40	22.34	22.36	24	0
20	64QAM	50	24	22.44	22.40	22.31		
20	64QAM	50	50	22.38	22.35	22.39		
20	64QAM	100	0	22.40	22.39	22.41		
20	256QAM	1	0	19.07	19.15	19.13	20	4
20	256QAM	1	49	19.05	19.11	19.07		
20	256QAM	1	99	19.03	19.10	19.10		
20	256QAM	50	0	18.90	18.95	18.87	20	4
20	256QAM	50	24	18.79	18.85	18.87		
20	256QAM	50	50	18.83	18.87	18.78		
20	256QAM	100	0	18.82	18.89	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.65	22.63	22.65	24	0
15	QPSK	1	37	22.69	22.67	22.69		
15	QPSK	1	74	22.60	22.52	22.60		
15	QPSK	36	0	22.66	22.65	22.64	24	0
15	QPSK	36	20	22.69	22.70	22.64		
15	QPSK	36	39	22.66	22.66	22.68		
15	QPSK	75	0	22.72	22.66	22.65		
15	16QAM	1	0	23.12	22.88	22.93	24	0
15	16QAM	1	37	22.98	22.99	22.99		
15	16QAM	1	74	22.82	22.87	22.90		
15	16QAM	36	0	22.27	22.22	22.26	24	0
15	16QAM	36	20	22.33	22.31	22.25		
15	16QAM	36	39	22.29	22.24	22.28		
15	16QAM	75	0	22.32	22.27	22.22		
15	64QAM	1	0	22.85	22.67	22.77	24	0
15	64QAM	1	37	22.86	22.81	22.82		
15	64QAM	1	74	22.76	22.73	22.63		
15	64QAM	36	0	22.27	22.23	22.25	24	0
15	64QAM	36	20	22.33	22.30	22.24		
15	64QAM	36	39	22.28	22.26	22.29		
15	64QAM	75	0	22.33	22.28	22.23		
15	256QAM	1	0	18.98	19.06	19.11	20	4
15	256QAM	1	37	19.00	19.06	18.96		
15	256QAM	1	74	19.01	19.01	19.06		
15	256QAM	36	0	18.88	18.95	18.80	20	4
15	256QAM	36	20	18.72	18.79	18.78		
15	256QAM	36	39	18.72	18.86	18.68		
15	256QAM	75	0	18.78	18.79	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.77	22.74	22.77	24	0
10	QPSK	1	25	22.77	22.77	22.78		
10	QPSK	1	49	22.65	22.61	22.72		
10	QPSK	25	0	22.80	22.75	22.78	24	0
10	QPSK	25	12	22.86	22.80	22.76		
10	QPSK	25	25	22.79	22.74	22.76		
10	QPSK	50	0	22.82	22.78	22.75		
10	16QAM	1	0	23.02	23.08	23.11	24	0
10	16QAM	1	25	23.09	23.10	23.11		
10	16QAM	1	49	23.04	22.96	23.05		
10	16QAM	25	0	22.39	22.35	22.40	24	0
10	16QAM	25	12	22.46	22.43	22.40		
10	16QAM	25	25	22.37	22.35	22.45		
10	16QAM	50	0	22.38	22.37	22.36		
10	64QAM	1	0	23.01	22.95	22.87	24	0
10	64QAM	1	25	22.90	22.90	22.95		
10	64QAM	1	49	22.78	22.80	22.85		
10	64QAM	25	0	22.37	22.36	22.41	24	0
10	64QAM	25	12	22.46	22.42	22.41		
10	64QAM	25	25	22.36	22.33	22.40		
10	64QAM	50	0	22.39	22.35	22.35		
10	256QAM	1	0	19.08	19.12	19.12	20	4
10	256QAM	1	25	18.95	19.10	18.99		
10	256QAM	1	49	18.97	19.03	19.01		
10	256QAM	25	0	18.79	18.95	18.88	20	4
10	256QAM	25	12	18.71	18.81	18.78		
10	256QAM	25	25	18.79	18.87	18.71		
10	256QAM	50	0	18.74	18.82	18.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.76	22.77		
5	QPSK	1	24	22.68	22.67	22.70		
5	QPSK	12	0	22.86	22.75	22.78	24	0
5	QPSK	12	7	22.83	22.80	22.81		
5	QPSK	12	13	22.73	22.70	22.72		
5	QPSK	25	0	22.78	22.74	22.80		
5	16QAM	1	0	23.14	23.06	23.09	24	0
5	16QAM	1	12	22.68	22.71	23.12		
5	16QAM	1	24	23.12	23.08	23.04		
5	16QAM	12	0	22.46	22.35	22.43	24	0
5	16QAM	12	7	22.43	22.39	22.46		
5	16QAM	12	13	22.35	22.33	22.40		
5	16QAM	25	0	22.35	22.38	22.42		
5	64QAM	1	0	22.90	22.81	22.85	24	0
5	64QAM	1	12	22.97	22.95	22.87		
5	64QAM	1	24	22.89	22.79	22.89		
5	64QAM	12	0	22.44	22.33	22.44	24	0
5	64QAM	12	7	22.41	22.41	22.50		
5	64QAM	12	13	22.32	22.32	22.40		
5	64QAM	25	0	22.36	22.35	22.41		
5	256QAM	1	0	19.04	19.06	19.05	20	4
5	256QAM	1	12	18.97	19.01	18.98		
5	256QAM	1	24	18.98	19.10	19.01		
5	256QAM	12	0	18.91	18.91	18.80	20	4
5	256QAM	12	7	18.68	18.76	18.83		
5	256QAM	12	13	18.80	18.85	18.68		
5	256QAM	25	0	18.80	18.87	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.90	22.74	24	0
3	QPSK	1	8	22.71	22.81	22.75		
3	QPSK	1	14	22.58	22.79	22.58		
3	QPSK	8	0	22.82	22.73	22.75	24	0
3	QPSK	8	4	22.79	22.79	22.72		
3	QPSK	8	7	22.71	22.72	22.72		
3	QPSK	15	0	22.75	22.73	22.70		
3	16QAM	1	0	23.14	23.03	23.09	24	0
3	16QAM	1	8	23.14	23.14	23.13		
3	16QAM	1	14	22.95	23.01	22.99		
3	16QAM	8	0	22.45	22.37	22.41	24	0
3	16QAM	8	4	22.43	22.44	22.44		
3	16QAM	8	7	22.43	22.39	22.43		
3	16QAM	15	0	22.37	22.38	22.37		
3	64QAM	1	0	22.91	22.89	22.83	24	0
3	64QAM	1	8	22.80	22.95	22.94		
3	64QAM	1	14	22.76	22.73	22.71		
3	64QAM	8	0	22.45	22.30	22.40	24	0
3	64QAM	8	4	22.35	22.38	22.39		
3	64QAM	8	7	22.33	22.28	22.38		
3	64QAM	15	0	22.26	22.36	22.35		
3	256QAM	1	0	19.02	19.13	19.02	20	4
3	256QAM	1	8	18.96	19.05	18.97		
3	256QAM	1	14	18.97	19.10	19.06		
3	256QAM	8	0	18.88	18.93	18.84	20	4
3	256QAM	8	4	18.78	18.76	18.76		
3	256QAM	8	7	18.74	18.87	18.72		
3	256QAM	15	0	18.72	18.82	18.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.73	22.74	22.78	24	0
1.4	QPSK	1	3	22.74	22.72	22.75		
1.4	QPSK	1	5	22.41	22.65	22.68		
1.4	QPSK	3	0	22.56	22.78	22.79		
1.4	QPSK	3	1	22.79	22.74	22.79		
1.4	QPSK	3	3	22.72	22.70	22.73		
1.4	QPSK	6	0	22.76	22.75	22.75	24	0
1.4	16QAM	1	0	23.11	23.07	23.09	24	0
1.4	16QAM	1	3	23.09	23.08	23.13		
1.4	16QAM	1	5	23.08	23.01	23.10		
1.4	16QAM	3	0	22.93	22.91	22.95		
1.4	16QAM	3	1	22.95	22.89	22.94		
1.4	16QAM	3	3	22.86	22.82	22.92		
1.4	16QAM	6	0	22.45	22.38	22.48	24	0
1.4	64QAM	1	0	22.92	22.97	22.90	24	0
1.4	64QAM	1	3	22.95	22.85	22.87		
1.4	64QAM	1	5	22.84	22.77	22.64		
1.4	64QAM	3	0	22.92	22.76	22.56		
1.4	64QAM	3	1	22.84	22.91	22.77		
1.4	64QAM	3	3	22.80	22.60	22.49		
1.4	64QAM	6	0	22.37	22.38	22.42	24	0
1.4	256QAM	1	0	19.05	19.11	19.07	20	4
1.4	256QAM	1	3	19.03	19.06	18.98		
1.4	256QAM	1	5	18.93	19.08	19.08		
1.4	256QAM	3	0	18.82	18.87	18.79		
1.4	256QAM	3	1	18.73	18.83	18.79		
1.4	256QAM	3	3	18.77	18.84	18.78		
1.4	256QAM	6	0	18.79	18.90	18.78	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.93	22.98	22.91	24	0
20	QPSK	1	49	22.83	22.74	22.84		
20	QPSK	1	99	22.82	22.79	22.81		
20	QPSK	50	0	22.91	22.96	22.94	24	0
20	QPSK	50	24	22.86	22.90	22.83		
20	QPSK	50	50	22.91	22.88	22.83		
20	QPSK	100	0	22.74	22.87	22.80		
20	16QAM	1	0	22.87	22.79	22.83	24	0
20	16QAM	1	49	22.87	22.78	22.86		
20	16QAM	1	99	22.87	22.73	22.92		
20	16QAM	50	0	22.52	22.51	22.47	24	0
20	16QAM	50	24	22.60	22.50	22.45		
20	16QAM	50	50	22.52	22.47	22.43		
20	16QAM	100	0	22.57	22.46	22.39		
20	64QAM	1	0	22.75	22.73	22.91	24	0
20	64QAM	1	49	22.72	22.69	22.84		
20	64QAM	1	99	22.82	22.88	22.76		
20	64QAM	50	0	22.54	22.52	22.49	24	0
20	64QAM	50	24	22.58	22.50	22.53		
20	64QAM	50	50	22.61	22.48	22.46		
20	64QAM	100	0	22.55	22.47	22.51		
20	256QAM	1	0	19.23	19.32	19.38	20	4
20	256QAM	1	49	19.12	19.31	19.23		
20	256QAM	1	99	19.18	19.31	19.28		
20	256QAM	50	0	19.04	19.14	19.06	20	4
20	256QAM	50	24	18.87	19.06	19.06		
20	256QAM	50	50	19.01	19.01	18.89		
20	256QAM	100	0	18.99	19.04	18.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.75	22.91	22.77	24	0
15	QPSK	1	37	22.72	22.58	22.69		
15	QPSK	1	74	22.79	22.79	22.75		
15	QPSK	36	0	22.78	22.85	22.90	24	0
15	QPSK	36	20	22.73	22.85	22.76		
15	QPSK	36	39	22.75	22.69	22.70		
15	QPSK	75	0	22.64	22.78	22.72		
15	16QAM	1	0	22.75	22.77	22.76	24	0
15	16QAM	1	37	22.74	22.69	22.84		
15	16QAM	1	74	22.79	22.56	22.84		
15	16QAM	36	0	22.39	22.43	22.39	24	0
15	16QAM	36	20	22.51	22.42	22.40		
15	16QAM	36	39	22.48	22.33	22.32		
15	16QAM	75	0	22.51	22.34	22.20		
15	64QAM	1	0	22.66	22.61	22.90	24	0
15	64QAM	1	37	22.60	22.59	22.66		
15	64QAM	1	74	22.77	22.80	22.71		
15	64QAM	36	0	22.37	22.49	22.38	24	0
15	64QAM	36	20	22.43	22.36	22.48		
15	64QAM	36	39	22.59	22.41	22.44		
15	64QAM	75	0	22.50	22.33	22.43		
15	256QAM	1	0	19.05	19.25	19.17	20	4
15	256QAM	1	37	19.05	19.13	19.10		
15	256QAM	1	74	18.99	19.12	19.13		
15	256QAM	36	0	18.93	19.01	18.90	20	4
15	256QAM	36	20	18.79	18.93	18.89		
15	256QAM	36	39	18.88	18.80	18.76		
15	256QAM	75	0	18.89	18.93	18.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.80	22.87	22.81	24	0
10	QPSK	1	25	22.77	22.55	22.79		
10	QPSK	1	49	22.78	22.65	22.76		
10	QPSK	25	0	22.76	22.81	22.89	24	0
10	QPSK	25	12	22.84	22.70	22.77		
10	QPSK	25	25	22.71	22.78	22.65		
10	QPSK	50	0	22.57	22.77	22.76		
10	16QAM	1	0	22.77	22.75	22.80	24	0
10	16QAM	1	25	22.77	22.66	22.70		
10	16QAM	1	49	22.85	22.63	22.84		
10	16QAM	25	0	22.48	22.33	22.41	24	0
10	16QAM	25	12	22.51	22.31	22.34		
10	16QAM	25	25	22.42	22.47	22.41		
10	16QAM	50	0	22.42	22.38	22.27		
10	64QAM	1	0	22.67	22.54	22.86	24	0
10	64QAM	1	25	22.59	22.52	22.66		
10	64QAM	1	49	22.72	22.80	22.66		
10	64QAM	25	0	22.53	22.47	22.30	24	0
10	64QAM	25	12	22.39	22.37	22.39		
10	64QAM	25	25	22.57	22.31	22.40		
10	64QAM	50	0	22.36	22.45	22.39		
10	256QAM	1	0	19.02	19.20	19.18	20	4
10	256QAM	1	25	19.05	19.16	19.03		
10	256QAM	1	49	19.00	19.13	19.10		
10	256QAM	25	0	18.92	18.98	18.93	20	4
10	256QAM	25	12	18.84	18.96	18.85		
10	256QAM	25	25	18.91	18.83	18.81		
10	256QAM	50	0	18.87	18.83	18.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.88	22.79	22.75	24	0
5	QPSK	1	12	22.79	22.59	22.74		
5	QPSK	1	24	22.74	22.74	22.67		
5	QPSK	12	0	22.91	22.83	22.78	24	0
5	QPSK	12	7	22.82	22.75	22.75		
5	QPSK	12	13	22.81	22.70	22.70		
5	QPSK	25	0	22.55	22.75	22.67		
5	16QAM	1	0	22.75	22.74	22.82	24	0
5	16QAM	1	12	22.76	22.70	22.85		
5	16QAM	1	24	22.77	22.63	22.92		
5	16QAM	12	0	22.39	22.39	22.44	24	0
5	16QAM	12	7	22.54	22.34	22.38		
5	16QAM	12	13	22.44	22.39	22.36		
5	16QAM	25	0	22.54	22.37	22.33		
5	64QAM	1	0	22.68	22.64	22.77	24	0
5	64QAM	1	12	22.67	22.58	22.80		
5	64QAM	1	24	22.73	22.70	22.64		
5	64QAM	12	0	22.40	22.35	22.39	24	0
5	64QAM	12	7	22.54	22.41	22.47		
5	64QAM	12	13	22.55	22.43	22.32		
5	64QAM	25	0	22.50	22.38	22.40		
5	256QAM	1	0	19.03	19.25	19.20	20	4
5	256QAM	1	12	19.00	19.17	19.02		
5	256QAM	1	24	19.00	19.13	19.12		
5	256QAM	12	0	18.97	18.99	18.92	20	4
5	256QAM	12	7	18.78	18.89	18.95		
5	256QAM	12	13	18.87	18.85	18.83		
5	256QAM	25	0	18.82	18.92	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.85	22.80	22.83	24	0
3	QPSK	1	8	22.72	22.61	22.77		
3	QPSK	1	14	22.65	22.70	22.72		
3	QPSK	8	0	22.77	22.94	22.75	24	0
3	QPSK	8	4	22.83	22.70	22.74		
3	QPSK	8	7	22.83	22.84	22.76		
3	QPSK	15	0	22.68	22.71	22.63		
3	16QAM	1	0	22.76	22.79	22.70	24	0
3	16QAM	1	8	22.84	22.67	22.74		
3	16QAM	1	14	22.85	22.63	22.83		
3	16QAM	8	0	22.37	22.35	22.27	24	0
3	16QAM	8	4	22.52	22.48	22.26		
3	16QAM	8	7	22.42	22.45	22.24		
3	16QAM	15	0	22.53	22.33	22.23		
3	64QAM	1	0	22.62	22.64	22.76	24	0
3	64QAM	1	8	22.60	22.68	22.72		
3	64QAM	1	14	22.65	22.75	22.62		
3	64QAM	8	0	22.39	22.49	22.37	24	0
3	64QAM	8	4	22.45	22.50	22.37		
3	64QAM	8	7	22.52	22.46	22.31		
3	64QAM	15	0	22.51	22.35	22.42		
3	256QAM	1	0	19.06	19.17	19.26	20	4
3	256QAM	1	8	19.10	19.10	19.05		
3	256QAM	1	14	19.03	19.16	19.09		
3	256QAM	8	0	18.89	19.02	18.93	20	4
3	256QAM	8	4	18.80	18.96	18.95		
3	256QAM	8	7	18.82	18.91	18.79		
3	256QAM	15	0	18.82	18.90	18.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	22.87	22.78	24	0
1.4	QPSK	1	3	22.75	22.54	22.70		
1.4	QPSK	1	5	22.69	22.78	22.78		
1.4	QPSK	3	0	22.87	22.81	22.92		
1.4	QPSK	3	1	22.86	22.85	22.68		
1.4	QPSK	3	3	22.84	22.85	22.82		
1.4	QPSK	6	0	22.57	22.81	22.76	24	0
1.4	16QAM	1	0	22.68	22.73	22.68	24	0
1.4	16QAM	1	3	22.82	22.59	22.66		
1.4	16QAM	1	5	22.86	22.59	22.79		
1.4	16QAM	3	0	22.40	22.39	22.46		
1.4	16QAM	3	1	22.50	22.49	22.45		
1.4	16QAM	3	3	22.39	22.42	22.28		
1.4	16QAM	6	0	22.38	22.40	22.35	24	0
1.4	64QAM	1	0	22.61	22.68	22.91	24	0
1.4	64QAM	1	3	22.54	22.54	22.82		
1.4	64QAM	1	5	22.67	22.78	22.62		
1.4	64QAM	3	0	22.44	22.33	22.46		
1.4	64QAM	3	1	22.50	22.46	22.37		
1.4	64QAM	3	3	22.54	22.44	22.28		
1.4	64QAM	6	0	22.42	22.39	22.48	24	0
1.4	256QAM	1	0	19.03	19.22	19.21	20	4
1.4	256QAM	1	3	19.03	19.15	19.06		
1.4	256QAM	1	5	19.10	19.17	19.08		
1.4	256QAM	3	0	18.95	19.06	18.94		
1.4	256QAM	3	1	18.83	18.92	18.88		
1.4	256QAM	3	3	18.82	18.85	18.76		
1.4	256QAM	6	0	18.88	18.90	18.81	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.91	22.85	24	0
10	QPSK	1	25	22.64	22.71	22.75		
10	QPSK	1	49	22.71	22.68	22.69		
10	QPSK	25	0	22.79	22.89	22.74	24	0
10	QPSK	25	12	22.76	22.79	22.71		
10	QPSK	25	25	22.64	22.85	22.74		
10	QPSK	50	0	22.66	22.76	22.73		
10	16QAM	1	0	22.87	22.84	22.80	24	0
10	16QAM	1	25	22.67	22.79	22.78		
10	16QAM	1	49	22.72	22.84	22.87		
10	16QAM	25	0	22.15	22.26	22.28	24	0
10	16QAM	25	12	22.26	22.30	22.36		
10	16QAM	25	25	22.17	22.24	22.21		
10	16QAM	50	0	22.18	22.18	22.37		
10	64QAM	1	0	22.44	22.63	22.84	24	0
10	64QAM	1	25	22.67	22.73	22.81		
10	64QAM	1	49	22.63	22.79	22.85		
10	64QAM	25	0	22.11	22.59	22.25	24	0
10	64QAM	25	12	22.59	22.19	22.20		
10	64QAM	25	25	22.16	22.31	22.12		
10	64QAM	50	0	22.63	22.53	22.75		
10	256QAM	1	0	18.64	18.95	18.91	20	4
10	256QAM	1	25	18.74	18.84	18.65		
10	256QAM	1	49	18.66	18.86	18.73		
10	256QAM	25	0	18.57	18.67	18.50	20	4
10	256QAM	25	12	18.41	18.54	18.59		
10	256QAM	25	25	18.48	18.47	18.50		
10	256QAM	50	0	18.53	18.46	18.48		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.67	22.87	22.71	24	0
5	QPSK	1	12	22.56	22.66	22.73		
5	QPSK	1	24	22.53	22.50	22.59		
5	QPSK	12	0	22.70	22.69	22.69	24	0
5	QPSK	12	7	22.56	22.61	22.51		
5	QPSK	12	13	22.53	22.82	22.64		
5	QPSK	25	0	22.48	22.70	22.78		
5	16QAM	1	0	22.74	22.73	22.64	24	0
5	16QAM	1	12	22.59	22.65	22.72		
5	16QAM	1	24	22.53	22.79	22.77		
5	16QAM	12	0	22.05	22.17	22.21	24	0
5	16QAM	12	7	22.13	22.14	22.29		
5	16QAM	12	13	22.16	22.06	22.21		
5	16QAM	25	0	22.11	22.13	22.28		
5	64QAM	1	0	22.38	22.53	22.72	24	0
5	64QAM	1	12	22.61	22.63	22.79		
5	64QAM	1	24	22.58	22.60	22.68		
5	64QAM	12	0	22.78	22.50	22.59	24	0
5	64QAM	12	7	22.39	22.61	22.57		
5	64QAM	12	13	22.48	22.78	22.57		
5	64QAM	25	0	22.46	22.41	22.69		
5	256QAM	1	0	18.58	18.86	18.85	20	4
5	256QAM	1	12	18.66	18.85	18.62		
5	256QAM	1	24	18.57	18.80	18.64		
5	256QAM	12	0	18.48	18.63	18.40	20	4
5	256QAM	12	7	18.37	18.45	18.49		
5	256QAM	12	13	18.40	18.47	18.42		
5	256QAM	25	0	18.50	18.43	18.48		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.73	22.84	22.80	24	0
3	QPSK	1	8	22.57	22.67	22.71		
3	QPSK	1	14	22.70	22.54	22.62		
3	QPSK	8	0	22.79	22.77	22.66	24	0
3	QPSK	8	4	22.73	22.63	22.68		
3	QPSK	8	7	22.59	22.66	22.63		
3	QPSK	15	0	22.65	22.68	22.60		
3	16QAM	1	0	22.83	22.78	22.67	24	0
3	16QAM	1	8	22.59	22.77	22.60		
3	16QAM	1	14	22.58	22.70	22.71		
3	16QAM	8	0	22.04	22.19	22.10	24	0
3	16QAM	8	4	22.22	22.15	22.21		
3	16QAM	8	7	22.05	22.15	22.13		
3	16QAM	15	0	22.42	22.56	22.20		
3	64QAM	1	0	22.43	22.60	22.73	24	0
3	64QAM	1	8	22.62	22.71	22.79		
3	64QAM	1	14	22.60	22.78	22.76		
3	64QAM	8	0	22.08	22.04	22.10	24	0
3	64QAM	8	4	22.03	22.00	22.12		
3	64QAM	8	7	22.12	22.14	22.37		
3	64QAM	15	0	22.22	22.07	22.57		
3	256QAM	1	0	18.59	18.87	18.90	20	4
3	256QAM	1	8	18.64	18.80	18.57		
3	256QAM	1	14	18.66	18.85	18.66		
3	256QAM	8	0	18.53	18.60	18.47	20	4
3	256QAM	8	4	18.33	18.44	18.57		
3	256QAM	8	7	18.38	18.37	18.48		
3	256QAM	15	0	18.44	18.45	18.41		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.74	22.79	22.69	24	0
1.4	QPSK	1	3	22.52	22.52	22.58		
1.4	QPSK	1	5	22.63	22.65	22.67		
1.4	QPSK	3	0	22.72	22.77	22.56		
1.4	QPSK	3	1	22.58	22.76	22.66		
1.4	QPSK	3	3	22.63	22.69	22.62		
1.4	QPSK	6	0	22.48	22.59	22.62	24	0
1.4	16QAM	1	0	22.72	22.83	22.61	24	0
1.4	16QAM	1	3	22.67	22.64	22.71		
1.4	16QAM	1	5	22.71	22.72	22.67		
1.4	16QAM	3	0	22.10	22.20	22.18		
1.4	16QAM	3	1	22.23	22.23	22.24		
1.4	16QAM	3	3	22.05	22.05	22.19		
1.4	16QAM	6	0	22.14	22.13	22.36	24	0
1.4	64QAM	1	0	22.39	22.50	22.64	24	0
1.4	64QAM	1	3	22.47	22.61	22.78		
1.4	64QAM	1	5	22.60	22.62	22.79		
1.4	64QAM	3	0	22.27	22.09	22.23		
1.4	64QAM	3	1	22.31	22.06	22.11		
1.4	64QAM	3	3	22.06	22.19	22.02		
1.4	64QAM	6	0	22.22	22.28	22.61	24	0
1.4	256QAM	1	0	18.61	18.91	18.87	20	4
1.4	256QAM	1	3	18.68	18.78	18.56		
1.4	256QAM	1	5	18.63	18.84	18.72		
1.4	256QAM	3	0	18.53	18.58	18.50		
1.4	256QAM	3	1	18.41	18.48	18.57		
1.4	256QAM	3	3	18.42	18.45	18.42		
1.4	256QAM	6	0	18.46	18.39	18.45	20	4

Band 7 Ant0 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.37	23.53	23.45	24	0
20	QPSK	1	49	23.42	23.43	23.49		
20	QPSK	1	99	23.44	23.50	23.43		
20	QPSK	50	0	23.39	23.47	23.46	24	0
20	QPSK	50	24	23.35	23.45	23.41		
20	QPSK	50	50	23.42	23.33	23.45		
20	QPSK	100	0	23.41	23.49	23.45		
20	16QAM	1	0	23.50	23.45	23.41	24	0
20	16QAM	1	49	23.28	23.48	23.21		
20	16QAM	1	99	23.28	23.18	23.29		
20	16QAM	50	0	22.71	22.73	22.79	24	0
20	16QAM	50	24	22.84	22.77	22.86		
20	16QAM	50	50	22.82	22.86	22.94		
20	16QAM	100	0	22.81	22.85	22.81		
20	64QAM	1	0	23.37	23.45	23.50	24	0
20	64QAM	1	49	23.43	23.34	23.42		
20	64QAM	1	99	23.37	23.34	23.50		
20	64QAM	50	0	22.66	22.59	22.76	24	0
20	64QAM	50	24	22.83	22.79	22.82		
20	64QAM	50	50	22.82	22.87	22.92		
20	64QAM	100	0	22.79	22.83	22.80		
20	256QAM	1	0	19.50	19.63	19.71	20	4
20	256QAM	1	49	19.53	19.69	19.48		
20	256QAM	1	99	19.43	19.66	19.51		
20	256QAM	50	0	19.32	19.41	19.29	20	4
20	256QAM	50	24	19.18	19.28	19.45		
20	256QAM	50	50	19.26	19.23	19.28		
20	256QAM	100	0	19.28	19.28	19.25		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.21	23.48	23.30	24	0
15	QPSK	1	37	23.23	23.34	23.35		
15	QPSK	1	74	23.35	23.43	23.41		
15	QPSK	36	0	23.30	23.36	23.34	24	0
15	QPSK	36	20	23.19	23.26	23.36		
15	QPSK	36	39	23.28	23.16	23.42		
15	QPSK	75	0	23.34	23.46	23.30		
15	16QAM	1	0	23.40	23.41	23.34	24	0
15	16QAM	1	37	23.16	23.30	23.03		
15	16QAM	1	74	23.17	23.00	23.12		
15	16QAM	36	0	22.56	22.60	22.61	24	0
15	16QAM	36	20	22.77	22.70	22.68		
15	16QAM	36	39	22.81	22.77	22.81		
15	16QAM	75	0	22.64	22.81	22.69		
15	64QAM	1	0	23.30	23.41	23.35	24	0
15	64QAM	1	37	23.38	23.34	23.41		
15	64QAM	1	74	23.33	23.30	23.30		
15	64QAM	36	0	22.63	22.56	22.61	24	0
15	64QAM	36	20	22.77	22.71	22.79		
15	64QAM	36	39	22.82	22.72	22.73		
15	64QAM	75	0	22.61	22.71	22.78		
15	256QAM	1	0	19.47	19.55	19.67	20	4
15	256QAM	1	37	19.53	19.64	19.47		
15	256QAM	1	74	19.40	19.63	19.51		
15	256QAM	36	0	19.30	19.33	19.18	20	4
15	256QAM	36	20	19.16	19.26	19.41		
15	256QAM	36	39	19.18	19.17	19.27		
15	256QAM	75	0	19.18	19.25	19.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.21	23.45	23.41	24	0
10	QPSK	1	25	23.36	23.34	23.48		
10	QPSK	1	49	23.43	23.34	23.38		
10	QPSK	25	0	23.29	23.46	23.44	24	0
10	QPSK	25	12	23.26	23.38	23.21		
10	QPSK	25	25	23.42	23.15	23.27		
10	QPSK	50	0	23.38	23.32	23.34		
10	16QAM	1	0	23.33	23.29	23.35	24	0
10	16QAM	1	25	23.28	23.41	23.20		
10	16QAM	1	49	23.12	23.06	23.17		
10	16QAM	25	0	22.71	22.73	22.60	24	0
10	16QAM	25	12	22.76	22.74	22.68		
10	16QAM	25	25	22.70	22.81	22.94		
10	16QAM	50	0	22.63	22.75	22.74		
10	64QAM	1	0	23.26	23.39	23.35	24	0
10	64QAM	1	25	23.34	23.27	23.40		
10	64QAM	1	49	23.34	23.15	23.49		
10	64QAM	25	0	22.47	22.43	22.69	24	0
10	64QAM	25	12	22.65	22.67	22.77		
10	64QAM	25	25	22.63	22.68	22.72		
10	64QAM	50	0	22.71	22.63	22.75		
10	256QAM	1	0	19.46	19.60	19.61	20	4
10	256QAM	1	25	19.43	19.60	19.46		
10	256QAM	1	49	19.41	19.63	19.44		
10	256QAM	25	0	19.31	19.40	19.18	20	4
10	256QAM	25	12	19.19	19.22	19.42		
10	256QAM	25	25	19.23	19.24	19.20		
10	256QAM	50	0	19.19	19.20	19.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.36	23.43	24	0
5	QPSK	1	12	23.28	23.30	23.42		
5	QPSK	1	24	23.40	23.41	23.38		
5	QPSK	12	0	23.26	23.36	23.30	24	0
5	QPSK	12	7	23.26	23.31	23.40		
5	QPSK	12	13	23.40	23.26	23.25		
5	QPSK	25	0	23.35	23.45	23.35		
5	16QAM	1	0	23.43	23.29	23.32	24	0
5	16QAM	1	12	23.08	23.42	23.04		
5	16QAM	1	24	23.22	23.01	23.27		
5	16QAM	12	0	22.62	22.71	22.78	24	0
5	16QAM	12	7	22.83	22.73	22.81		
5	16QAM	12	13	22.68	22.82	22.82		
5	16QAM	25	0	22.80	22.65	22.70		
5	64QAM	1	0	23.18	23.34	23.32	24	0
5	64QAM	1	12	23.35	23.20	23.31		
5	64QAM	1	24	23.35	23.21	23.39		
5	64QAM	12	0	22.49	22.47	22.62	24	0
5	64QAM	12	7	22.77	22.74	22.75		
5	64QAM	12	13	22.80	22.79	22.85		
5	64QAM	25	0	22.75	22.71	22.77		
5	256QAM	1	0	19.41	19.62	19.61	20	4
5	256QAM	1	12	19.48	19.59	19.44		
5	256QAM	1	24	19.39	19.59	19.42		
5	256QAM	12	0	19.25	19.34	19.24	20	4
5	256QAM	12	7	19.09	19.21	19.41		
5	256QAM	12	13	19.20	19.20	19.20		
5	256QAM	25	0	19.22	19.28	19.26		

Band 12 Ant0 DSI2 Standalone

	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				23060	23095	23130		
	Frequency (MHz)				704	707.5	711		
	10	QPSK	1	0	22.63	22.76	22.61	24	0
	10	QPSK	1	25	22.65	22.66	22.64		
	10	QPSK	1	49	22.61	22.62	22.61		
	10	QPSK	25	0	22.64	22.75	22.62	24	0
	10	QPSK	25	12	22.59	22.58	22.72		
	10	QPSK	25	25	22.70	22.67	22.71		
	10	QPSK	50	0	22.70	22.75	22.72		
	10	16QAM	1	0	22.56	22.57	22.52	24	0
	10	16QAM	1	25	22.50	22.47	22.50		
	10	16QAM	1	49	22.51	22.47	22.59		
	10	16QAM	25	0	22.49	22.53	22.49	24	0
	10	16QAM	25	12	22.64	22.70	22.59		
	10	16QAM	25	25	22.53	22.61	22.60		
	10	16QAM	50	0	22.52	22.64	22.69		
	10	64QAM	1	0	22.51	22.59	22.61	24	0
	10	64QAM	1	25	22.50	22.48	22.57		
	10	64QAM	1	49	22.42	22.57	22.45		
	10	64QAM	25	0	22.63	22.56	22.46	24	0
	10	64QAM	25	12	22.62	22.70	22.65		
	10	64QAM	25	25	22.52	22.49	22.56		
	10	64QAM	50	0	22.59	22.62	22.59		
	10	256QAM	1	0	19.06	19.25	19.31	20	4
	10	256QAM	1	25	19.10	19.27	19.12		
	10	256QAM	1	49	19.02	19.29	19.12		
	10	256QAM	25	0	18.89	19.00	18.91	20	4
	10	256QAM	25	12	18.84	18.85	19.02		
	10	256QAM	25	25	18.86	18.77	18.86		
	10	256QAM	50	0	18.93	18.89	18.88		
	Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				701.5	707.5	713.5		
	5	QPSK	1	0	22.50	22.57	22.54	24	0
	5	QPSK	1	12	22.62	22.53	22.60		
	5	QPSK	1	24	22.55	22.60	22.42		
	5	QPSK	12	0	22.63	22.62	22.46	24	0
	5	QPSK	12	7	22.48	22.54	22.68		
	5	QPSK	12	13	22.63	22.54	22.57		
	5	QPSK	25	0	22.60	22.74	22.56		
	5	16QAM	1	0	22.49	22.41	22.50	24	0
	5	16QAM	1	12	22.32	22.28	22.40		
	5	16QAM	1	24	22.38	22.43	22.48		
	5	16QAM	12	0	22.48	22.42	22.46	24	0
	5	16QAM	12	7	22.54	22.69	22.42		
	5	16QAM	12	13	22.44	22.54	22.56		
	5	16QAM	25	0	22.39	22.58	22.50		
	5	64QAM	1	0	22.48	22.42	22.57	24	0
	5	64QAM	1	12	22.41	22.46	22.54		
	5	64QAM	1	24	22.35	22.55	22.30		
0.93	5	64QAM	12	0	22.60	22.46	22.30	24	0
	5	64QAM	12	7	22.45	22.61	22.59		
	5	64QAM	12	13	22.42	22.42	22.38		
	5	64QAM	25	0	22.41	22.58	22.49		
2.91	5	256QAM	1	0	19.00	19.17	19.27	20	4
	5	256QAM	1	12	19.07	19.25	19.02		
	5	256QAM	1	24	18.95	19.26	19.09		
3.03	5	256QAM	12	0	18.83	18.91	18.84	20	4
	5	256QAM	12	7	18.80	18.81	18.99		
	5	256QAM	12	13	18.79	18.74	18.85		
	5	256QAM	25	0	18.92	18.82	18.83		
	Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				700.5	707.5	714.5		
	3	QPSK	1	0	22.47	22.59	22.49	24	0
	3	QPSK	1	8	22.55	22.48	22.62		
	3	QPSK	1	14	22.52	22.52	22.45		
	3	QPSK	8	0	22.52	22.66	22.44	24	0
	3	QPSK	8	4	22.47	22.46	22.71		
	3	QPSK	8	7	22.64	22.51	22.63		
	3	QPSK	15	0	22.68	22.61	22.69		
	3	16QAM	1	0	22.37	22.45	22.48	24	0
	3	16QAM	1	8	22.49	22.36	22.34		
	3	16QAM	1	14	22.45	22.42	22.44		
	3	16QAM	8	0	22.39	22.49	22.41	24	0
	3	16QAM	8	4	22.56	22.62	22.42		
	3	16QAM	8	7	22.43	22.53	22.52		
	3	16QAM	15	0	22.45	22.48	22.50		
	3	64QAM	1	0	22.48	22.53	22.60	24	0
	3	64QAM	1	8	22.32	22.36	22.54		
	3	64QAM	1	14	22.36	22.44	22.38		
1.04	3	64QAM	8	0	22.51	22.45	22.40	24	0
	3	64QAM	8	4	22.57	22.70	22.57		
	3	64QAM	8	7	22.38	22.41	22.46		
	3	64QAM	15	0	22.41	22.53	22.39		
3.00	3	256QAM	1	0	19.06	19.19	19.26	20	4
	3	256QAM	1	8	18.99	19.17	19.02		
	3	256QAM	1	14	18.95	19.20	19.09		
3.12	3	256QAM	8	0	18.79	18.95	18.86	20	4
	3	256QAM	8	4	18.76	18.81	18.99		
	3	256QAM	8	7	18.83	18.71	18.82		
	3	256QAM	15	0	18.86	18.88	18.81		
	Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				699.7	707.5	715.3		
	1.4	QPSK	1	0	22.62	22.58	22.55	24	0
	1.4	QPSK	1	3	22.56	22.65	22.61		
	1.4	QPSK	1	5	22.53	22.50	22.46		
	1.4	QPSK	3	0	22.58	22.67	22.51		
	1.4	QPSK	3	1	22.47	22.49	22.53		
	1.4	QPSK	3	3	22.53	22.54	22.56		
	1.4	QPSK	6	0	22.50	22.65	22.71	24	0
	1.4	16QAM	1	0	22.49	22.54	22.50	24	0
	1.4	16QAM	1	3	22.45	22.45	22.43		
	1.4	16QAM	1	5	22.40	22.36	22.47		
	1.4	16QAM	3	0	22.31	22.33	22.48		
	1.4	16QAM	3	1	22.52	22.64	22.44		
	1.4	16QAM	3	3	22.44	22.50	22.46		
	1.4	16QAM	6	0	22.36	22.56	22.63	24	0
	1.4	64QAM	1	0	22.41	22.54	22.49	24	0
	1.4	64QAM	1	3	22.46	22.36	22.37		
	1.4	64QAM	1	5	22.25	22.53	22.40		
1.01	1.4	64QAM	3	0	22.47	22.42	22.40		
	1.4	64QAM	3	1	22.59	22.68	22.49		
	1.4	64QAM	3	3	22.48	22.42	22.53		
	1.4	64QAM	6	0	22.43	22.60	22.41	24	0
2.84	1.4	256QAM	1	0	18.97	19.16	19.26	20	4
	1.4	256QAM	1	3	19.00	19.19	19.05		
	1.4	256QAM	1	5	18.99	19.29	19.08		
3.08	1.4	256QAM	3	0	18.84	18.96	18.85		
	1.4	256QAM	3	1	18.82	18.86	18.94		
	1.4	256QAM	3	3	18.76	18.75	18.77		
	1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant 0 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.50		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.60		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.90	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.50	19.38		
5	256QAM	12	0	19.10	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19.00	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

Band 66 Ant0 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.06	23.16	22.98	24	0
20	QPSK	1	49	23.04	23.07	22.81		
20	QPSK	1	99	22.94	22.91	22.86		
20	QPSK	50	0	23.03	23.09	22.88	24	0
20	QPSK	50	24	23.05	23.08	22.86		
20	QPSK	50	50	22.90	23.02	22.72		
20	QPSK	100	0	23.02	23.05	22.84		
20	16QAM	1	0	22.95	22.96	23.02	24	0
20	16QAM	1	49	22.98	22.89	22.93		
20	16QAM	1	99	22.89	22.79	22.92		
20	16QAM	50	0	22.66	22.67	22.43	24	0
20	16QAM	50	24	22.64	22.67	22.46		
20	16QAM	50	50	22.51	22.61	22.33		
20	16QAM	100	0	22.60	22.65	22.42		
20	64QAM	1	0	23.01	22.96	22.85	24	0
20	64QAM	1	49	23.02	22.96	22.92		
20	64QAM	1	99	22.91	22.97	22.83		
20	64QAM	50	0	23.03	22.68	22.75	24	0
20	64QAM	50	24	22.63	22.66	22.76		
20	64QAM	50	50	22.68	22.61	22.78		
20	64QAM	100	0	22.60	22.64	22.38		
20	256QAM	1	0	19.15	19.32	19.29	20	4
20	256QAM	1	49	19.20	19.37	19.18		
20	256QAM	1	99	19.11	19.26	19.28		
20	256QAM	50	0	18.87	19.05	18.85	20	4
20	256QAM	50	24	19.00	18.79	19.00		
20	256QAM	50	50	18.93	18.73	18.79		
20	256QAM	100	0	18.91	19.01	18.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.94	22.99	22.83	24	0
15	QPSK	1	37	22.85	23.05	22.63		
15	QPSK	1	74	22.90	22.74	22.74		
15	QPSK	36	0	22.91	23.07	22.79	24	0
15	QPSK	36	20	22.87	22.91	22.66		
15	QPSK	36	39	22.82	22.90	22.57		
15	QPSK	75	0	22.88	22.88	22.71		
15	16QAM	1	0	22.78	22.84	22.89	24	0
15	16QAM	1	37	22.84	22.76	22.80		
15	16QAM	1	74	22.74	22.64	22.75		
15	16QAM	36	0	22.60	22.58	22.38	24	0
15	16QAM	36	20	22.45	22.60	22.29		
15	16QAM	36	39	22.42	22.42	22.29		
15	16QAM	75	0	22.58	22.49	22.37		
15	64QAM	1	0	22.99	22.84	22.80	24	0
15	64QAM	1	37	23.03	22.94	22.79		
15	64QAM	1	74	22.86	22.81	22.65		
15	64QAM	36	0	23.02	22.56	22.64	24	0
15	64QAM	36	20	22.57	22.52	22.65		
15	64QAM	36	39	22.88	22.76	22.56		
15	64QAM	75	0	22.54	22.52	22.24		
15	256QAM	1	0	19.02	19.20	19.31	20	4
15	256QAM	1	37	19.16	19.35	19.14		
15	256QAM	1	74	19.15	19.27	19.20		
15	256QAM	36	0	18.90	19.09	18.83	20	4
15	256QAM	36	20	18.90	18.77	19.03		
15	256QAM	36	39	18.89	18.70	18.83		
15	256QAM	75	0	18.76	19.02	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.03	23.15	22.83	24	0
10	QPSK	1	25	22.89	22.95	22.92		
10	QPSK	1	49	22.83	22.82	22.74		
10	QPSK	25	0	22.83	22.92	22.69	24	0
10	QPSK	25	12	22.93	23.02	22.76		
10	QPSK	25	25	22.88	22.99	22.55		
10	QPSK	50	0	22.82	22.98	22.80		
10	16QAM	1	0	22.83	22.89	23.01	24	0
10	16QAM	1	25	22.91	22.87	22.83		
10	16QAM	1	49	22.85	22.68	22.78		
10	16QAM	25	0	22.56	22.55	22.40	24	0
10	16QAM	25	12	22.57	22.51	22.38		
10	16QAM	25	25	22.48	22.52	22.31		
10	16QAM	50	0	22.47	22.54	22.29		
10	64QAM	1	0	22.95	22.88	22.76	24	0
10	64QAM	1	25	23.00	22.83	22.75		
10	64QAM	1	49	22.71	22.91	22.72		
10	64QAM	25	0	22.71	22.65	22.29	24	0
10	64QAM	25	12	22.62	22.48	22.36		
10	64QAM	25	25	22.34	22.52	22.41		
10	64QAM	50	0	22.42	22.52	22.22		
10	256QAM	1	0	19.03	19.31	19.31	20	4
10	256QAM	1	25	19.13	19.34	19.08		
10	256QAM	1	49	19.05	19.29	19.16		
10	256QAM	25	0	18.89	19.11	18.89	20	4
10	256QAM	25	12	18.88	18.77	19.09		
10	256QAM	25	25	18.85	18.66	18.76		
10	256QAM	50	0	18.77	19.01	18.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	23.13	22.86	24	0
5	QPSK	1	12	22.93	23.07	22.73		
5	QPSK	1	24	22.85	22.77	22.76		
5	QPSK	12	0	22.91	22.94	22.77	24	0
5	QPSK	12	7	22.94	23.03	22.71		
5	QPSK	12	13	22.90	22.88	22.66		
5	QPSK	25	0	22.86	22.85	22.66		
5	16QAM	1	0	22.83	22.84	22.88	24	0
5	16QAM	1	12	22.82	22.78	22.89		
5	16QAM	1	24	22.78	22.75	22.88		
5	16QAM	12	0	22.63	22.65	22.26	24	0
5	16QAM	12	7	22.53	22.63	22.40		
5	16QAM	12	13	22.39	22.44	22.24		
5	16QAM	25	0	22.59	22.52	22.33		
5	64QAM	1	0	22.83	22.83	22.83	24	0
5	64QAM	1	12	22.97	22.93	22.80		
5	64QAM	1	24	22.81	22.83	22.64		
5	64QAM	12	0	22.95	22.59	22.49	24	0
5	64QAM	12	7	22.63	22.61	22.65		
5	64QAM	12	13	22.58	22.62	22.55		
5	64QAM	25	0	22.42	22.50	22.29		
5	256QAM	1	0	18.97	19.26	19.22	20	4
5	256QAM	1	12	19.18	19.32	19.12		
5	256QAM	1	24	19.08	19.27	19.14		
5	256QAM	12	0	18.80	19.09	18.84	20	4
5	256QAM	12	7	18.93	18.80	19.04		
5	256QAM	12	13	18.89	18.65	18.75		
5	256QAM	25	0	18.77	19.01	18.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.91	23.14	22.79	24	0
3	QPSK	1	8	22.90	22.87	22.79		
3	QPSK	1	14	22.82	22.71	22.81		
3	QPSK	8	0	22.93	22.90	22.73	24	0
3	QPSK	8	4	23.00	22.90	22.71		
3	QPSK	8	7	22.77	22.95	22.53		
3	QPSK	15	0	22.83	22.97	22.79		
3	16QAM	1	0	22.84	22.82	22.96	24	0
3	16QAM	1	8	22.79	22.79	22.93		
3	16QAM	1	14	22.85	22.62	22.81		
3	16QAM	8	0	22.46	22.63	22.34	24	0
3	16QAM	8	4	22.58	22.63	22.34		
3	16QAM	8	7	22.44	22.50	22.13		
3	16QAM	15	0	22.45	22.49	22.42		
3	64QAM	1	0	22.86	22.89	22.82	24	0
3	64QAM	1	8	22.94	22.92	22.87		
3	64QAM	1	14	22.80	22.94	22.74		
3	64QAM	8	0	22.86	22.57	22.47	24	0
3	64QAM	8	4	22.62	22.64	22.53		
3	64QAM	8	7	22.41	22.45	22.52		
3	64QAM	15	0	22.59	22.51	22.27		
3	256QAM	1	0	19.02	19.27	19.24	20	4
3	256QAM	1	8	19.15	19.30	19.09		
3	256QAM	1	14	19.15	19.25	19.12		
3	256QAM	8	0	18.84	19.01	18.80	20	4
3	256QAM	8	4	18.87	18.77	19.01		
3	256QAM	8	7	18.86	18.66	18.81		
3	256QAM	15	0	18.78	18.99	18.74		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	23.14	22.80	24	0
1.4	QPSK	1	3	22.91	22.87	22.68		
1.4	QPSK	1	5	22.89	22.85	22.82		
1.4	QPSK	3	0	22.92	22.93	22.75		
1.4	QPSK	3	1	22.88	22.99	22.82		
1.4	QPSK	3	3	22.72	22.99	22.58		
1.4	QPSK	6	0	22.84	22.97	22.79	24	0
1.4	16QAM	1	0	22.90	22.86	22.95	24	0
1.4	16QAM	1	3	22.81	22.83	22.90		
1.4	16QAM	1	5	22.81	22.68	22.91		
1.4	16QAM	3	0	22.54	22.53	22.25		
1.4	16QAM	3	1	22.58	22.56	22.33		
1.4	16QAM	3	3	22.45	22.60	22.16		
1.4	16QAM	6	0	22.59	22.60	22.29	24	0
1.4	64QAM	1	0	22.97	22.84	22.76	24	0
1.4	64QAM	1	3	23.01	22.95	22.74		
1.4	64QAM	1	5	22.85	22.84	22.67		
1.4	64QAM	3	0	22.85	22.55	22.48		
1.4	64QAM	3	1	22.55	22.63	22.53		
1.4	64QAM	3	3	22.42	22.49	22.42		
1.4	64QAM	6	0	22.46	22.52	22.30	24	0
1.4	256QAM	1	0	19.04	19.21	19.29	20	4
1.4	256QAM	1	3	19.19	19.36	19.11		
1.4	256QAM	1	5	19.10	19.30	19.20		
1.4	256QAM	3	0	18.91	19.01	18.81		
1.4	256QAM	3	1	18.95	18.78	19.04		
1.4	256QAM	3	3	18.79	18.69	18.79		
1.4	256QAM	6	0	18.82	18.98	18.83	20	4

Band 2 Ant0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	23.15	22.89	24	0
20	QPSK	1	49	22.81	22.76	22.71		
20	QPSK	1	99	22.79	22.74	22.68		
20	QPSK	50	0	22.80	22.83	22.77	24	0
20	QPSK	50	24	22.65	22.81	22.82		
20	QPSK	50	50	22.79	22.74	22.80		
20	QPSK	100	0	22.83	22.85	22.82		
20	16QAM	1	0	23.10	23.01	23.11	24	0
20	16QAM	1	49	23.05	23.14	23.13		
20	16QAM	1	99	23.05	23.00	23.01		
20	16QAM	50	0	22.39	22.35	22.36	24	0
20	16QAM	50	24	22.44	22.40	22.42		
20	16QAM	50	50	22.40	22.34	22.37		
20	16QAM	100	0	22.44	22.40	22.41		
20	64QAM	1	0	22.88	22.88	22.88	24	0
20	64QAM	1	49	23.03	22.94	22.89		
20	64QAM	1	99	22.77	22.80	22.85		
20	64QAM	50	0	22.40	22.34	22.36	24	0
20	64QAM	50	24	22.44	22.40	22.31		
20	64QAM	50	50	22.38	22.35	22.39		
20	64QAM	100	0	22.40	22.39	22.41		
20	256QAM	1	0	19.07	19.15	19.13	20	4
20	256QAM	1	49	19.05	19.11	19.07		
20	256QAM	1	99	19.03	19.10	19.10		
20	256QAM	50	0	18.90	18.95	18.87	20	4
20	256QAM	50	24	18.79	18.85	18.87		
20	256QAM	50	50	18.83	18.87	18.78		
20	256QAM	100	0	18.82	18.89	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.65	22.63	22.65	24	0
15	QPSK	1	37	22.69	22.67	22.69		
15	QPSK	1	74	22.60	22.52	22.60		
15	QPSK	36	0	22.66	22.65	22.64	24	0
15	QPSK	36	20	22.69	22.70	22.64		
15	QPSK	36	39	22.66	22.66	22.68		
15	QPSK	75	0	22.72	22.66	22.65		
15	16QAM	1	0	23.12	22.88	22.93	24	0
15	16QAM	1	37	22.98	22.99	22.99		
15	16QAM	1	74	22.82	22.87	22.90		
15	16QAM	36	0	22.27	22.22	22.26	24	0
15	16QAM	36	20	22.33	22.31	22.25		
15	16QAM	36	39	22.29	22.24	22.28		
15	16QAM	75	0	22.32	22.27	22.22		
15	64QAM	1	0	22.85	22.67	22.77	24	0
15	64QAM	1	37	22.86	22.81	22.82		
15	64QAM	1	74	22.76	22.73	22.63		
15	64QAM	36	0	22.27	22.23	22.25	24	0
15	64QAM	36	20	22.33	22.30	22.24		
15	64QAM	36	39	22.28	22.26	22.29		
15	64QAM	75	0	22.33	22.28	22.23		
15	256QAM	1	0	18.98	19.06	19.11	20	4
15	256QAM	1	37	19.00	19.06	18.96		
15	256QAM	1	74	19.01	19.01	19.06		
15	256QAM	36	0	18.88	18.95	18.80	20	4
15	256QAM	36	20	18.72	18.79	18.78		
15	256QAM	36	39	18.72	18.86	18.68		
15	256QAM	75	0	18.78	18.79	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.77	22.74	22.77	24	0
10	QPSK	1	25	22.77	22.77	22.78		
10	QPSK	1	49	22.65	22.61	22.72		
10	QPSK	25	0	22.80	22.75	22.78	24	0
10	QPSK	25	12	22.86	22.80	22.76		
10	QPSK	25	25	22.79	22.74	22.76		
10	QPSK	50	0	22.82	22.78	22.75		
10	16QAM	1	0	23.02	23.08	23.11	24	0
10	16QAM	1	25	23.09	23.10	23.11		
10	16QAM	1	49	23.04	22.96	23.05		
10	16QAM	25	0	22.39	22.35	22.40	24	0
10	16QAM	25	12	22.46	22.43	22.40		
10	16QAM	25	25	22.37	22.35	22.45		
10	16QAM	50	0	22.38	22.37	22.36		
10	64QAM	1	0	23.01	22.95	22.87	24	0
10	64QAM	1	25	22.90	22.90	22.95		
10	64QAM	1	49	22.78	22.80	22.85		
10	64QAM	25	0	22.37	22.36	22.41	24	0
10	64QAM	25	12	22.46	22.42	22.41		
10	64QAM	25	25	22.36	22.33	22.40		
10	64QAM	50	0	22.39	22.35	22.35		
10	256QAM	1	0	19.08	19.12	19.12	20	4
10	256QAM	1	25	18.95	19.10	18.99		
10	256QAM	1	49	18.97	19.03	19.01		
10	256QAM	25	0	18.79	18.95	18.88	20	4
10	256QAM	25	12	18.71	18.81	18.78		
10	256QAM	25	25	18.79	18.87	18.71		
10	256QAM	50	0	18.74	18.82	18.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.73	22.74	24	0
5	QPSK	1	12	22.76	22.76	22.77		
5	QPSK	1	24	22.68	22.67	22.70		
5	QPSK	12	0	22.86	22.75	22.78	24	0
5	QPSK	12	7	22.83	22.80	22.81		
5	QPSK	12	13	22.73	22.70	22.72		
5	QPSK	25	0	22.78	22.74	22.80		
5	16QAM	1	0	23.14	23.06	23.09	24	0
5	16QAM	1	12	22.68	22.71	23.12		
5	16QAM	1	24	23.12	23.08	23.04		
5	16QAM	12	0	22.46	22.35	22.43	24	0
5	16QAM	12	7	22.43	22.39	22.46		
5	16QAM	12	13	22.35	22.33	22.40		
5	16QAM	25	0	22.35	22.38	22.42		
5	64QAM	1	0	22.90	22.81	22.85	24	0
5	64QAM	1	12	22.97	22.95	22.87		
5	64QAM	1	24	22.89	22.79	22.89		
5	64QAM	12	0	22.44	22.33	22.44	24	0
5	64QAM	12	7	22.41	22.41	22.50		
5	64QAM	12	13	22.32	22.32	22.40		
5	64QAM	25	0	22.36	22.35	22.41		
5	256QAM	1	0	19.04	19.06	19.05	20	4
5	256QAM	1	12	18.97	19.01	18.98		
5	256QAM	1	24	18.98	19.10	19.01		
5	256QAM	12	0	18.91	18.91	18.80	20	4
5	256QAM	12	7	18.68	18.76	18.83		
5	256QAM	12	13	18.80	18.85	18.68		
5	256QAM	25	0	18.80	18.87	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.72	22.90	22.74	24	0
3	QPSK	1	8	22.71	22.81	22.75		
3	QPSK	1	14	22.58	22.79	22.58		
3	QPSK	8	0	22.82	22.73	22.75	24	0
3	QPSK	8	4	22.79	22.79	22.72		
3	QPSK	8	7	22.71	22.72	22.72		
3	QPSK	15	0	22.75	22.73	22.70		
3	16QAM	1	0	23.14	23.03	23.09	24	0
3	16QAM	1	8	23.14	23.14	23.13		
3	16QAM	1	14	22.95	23.01	22.99		
3	16QAM	8	0	22.45	22.37	22.41	24	0
3	16QAM	8	4	22.43	22.44	22.44		
3	16QAM	8	7	22.43	22.39	22.43		
3	16QAM	15	0	22.37	22.38	22.37		
3	64QAM	1	0	22.91	22.89	22.83	24	0
3	64QAM	1	8	22.80	22.95	22.94		
3	64QAM	1	14	22.76	22.73	22.71		
3	64QAM	8	0	22.45	22.30	22.40	24	0
3	64QAM	8	4	22.35	22.38	22.39		
3	64QAM	8	7	22.33	22.28	22.38		
3	64QAM	15	0	22.26	22.36	22.35		
3	256QAM	1	0	19.02	19.13	19.02	20	4
3	256QAM	1	8	18.96	19.05	18.97		
3	256QAM	1	14	18.97	19.10	19.06		
3	256QAM	8	0	18.88	18.93	18.84	20	4
3	256QAM	8	4	18.78	18.76	18.76		
3	256QAM	8	7	18.74	18.87	18.72		
3	256QAM	15	0	18.72	18.82	18.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.73	22.74	22.78	24	0
1.4	QPSK	1	3	22.74	22.72	22.75		
1.4	QPSK	1	5	22.41	22.65	22.68		
1.4	QPSK	3	0	22.56	22.78	22.79		
1.4	QPSK	3	1	22.79	22.74	22.79		
1.4	QPSK	3	3	22.72	22.70	22.73		
1.4	QPSK	6	0	22.76	22.75	22.75	24	0
1.4	16QAM	1	0	23.11	23.07	23.09	24	0
1.4	16QAM	1	3	23.09	23.08	23.13		
1.4	16QAM	1	5	23.08	23.01	23.10		
1.4	16QAM	3	0	22.93	22.91	22.95		
1.4	16QAM	3	1	22.95	22.89	22.94		
1.4	16QAM	3	3	22.86	22.82	22.92		
1.4	16QAM	6	0	22.45	22.38	22.48	24	0
1.4	64QAM	1	0	22.92	22.97	22.90	24	0
1.4	64QAM	1	3	22.95	22.85	22.87		
1.4	64QAM	1	5	22.84	22.77	22.64		
1.4	64QAM	3	0	22.92	22.76	22.56		
1.4	64QAM	3	1	22.84	22.91	22.77		
1.4	64QAM	3	3	22.80	22.60	22.49		
1.4	64QAM	6	0	22.37	22.38	22.42	24	0
1.4	256QAM	1	0	19.05	19.11	19.07	20	4
1.4	256QAM	1	3	19.03	19.06	18.98		
1.4	256QAM	1	5	18.93	19.08	19.08		
1.4	256QAM	3	0	18.82	18.87	18.79		
1.4	256QAM	3	1	18.73	18.83	18.79		
1.4	256QAM	3	3	18.77	18.84	18.78		
1.4	256QAM	6	0	18.79	18.90	18.78	20	4

Band 4 Ant0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.93	22.98	22.91	24	0
20	QPSK	1	49	22.83	22.74	22.84		
20	QPSK	1	99	22.82	22.79	22.81		
20	QPSK	50	0	22.91	22.96	22.94	24	0
20	QPSK	50	24	22.86	22.90	22.83		
20	QPSK	50	50	22.91	22.88	22.83		
20	QPSK	100	0	22.74	22.87	22.80		
20	16QAM	1	0	22.87	22.79	22.83	24	0
20	16QAM	1	49	22.87	22.78	22.86		
20	16QAM	1	99	22.87	22.73	22.92		
20	16QAM	50	0	22.52	22.51	22.47	24	0
20	16QAM	50	24	22.60	22.50	22.45		
20	16QAM	50	50	22.52	22.47	22.43		
20	16QAM	100	0	22.57	22.46	22.39		
20	64QAM	1	0	22.75	22.73	22.91	24	0
20	64QAM	1	49	22.72	22.69	22.84		
20	64QAM	1	99	22.82	22.88	22.76		
20	64QAM	50	0	22.54	22.52	22.49	24	0
20	64QAM	50	24	22.58	22.50	22.53		
20	64QAM	50	50	22.61	22.48	22.46		
20	64QAM	100	0	22.55	22.47	22.51		
20	256QAM	1	0	19.23	19.32	19.38	20	4
20	256QAM	1	49	19.12	19.31	19.23		
20	256QAM	1	99	19.18	19.31	19.28		
20	256QAM	50	0	19.04	19.14	19.06	20	4
20	256QAM	50	24	18.87	19.06	19.06		
20	256QAM	50	50	19.01	19.01	18.89		
20	256QAM	100	0	18.99	19.04	18.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.75	22.91	22.77	24	0
15	QPSK	1	37	22.72	22.58	22.69		
15	QPSK	1	74	22.79	22.79	22.75		
15	QPSK	36	0	22.78	22.85	22.90	24	0
15	QPSK	36	20	22.73	22.85	22.76		
15	QPSK	36	39	22.75	22.69	22.70		
15	QPSK	75	0	22.64	22.78	22.72		
15	16QAM	1	0	22.75	22.77	22.76	24	0
15	16QAM	1	37	22.74	22.69	22.84		
15	16QAM	1	74	22.79	22.56	22.84		
15	16QAM	36	0	22.39	22.43	22.39	24	0
15	16QAM	36	20	22.51	22.42	22.40		
15	16QAM	36	39	22.48	22.33	22.32		
15	16QAM	75	0	22.51	22.34	22.20		
15	64QAM	1	0	22.66	22.61	22.90	24	0
15	64QAM	1	37	22.60	22.59	22.66		
15	64QAM	1	74	22.77	22.80	22.71		
15	64QAM	36	0	22.37	22.49	22.38	24	0
15	64QAM	36	20	22.43	22.36	22.48		
15	64QAM	36	39	22.59	22.41	22.44		
15	64QAM	75	0	22.50	22.33	22.43		
15	256QAM	1	0	19.05	19.25	19.17	20	4
15	256QAM	1	37	19.05	19.13	19.10		
15	256QAM	1	74	18.99	19.12	19.13		
15	256QAM	36	0	18.93	19.01	18.90	20	4
15	256QAM	36	20	18.79	18.93	18.89		
15	256QAM	36	39	18.88	18.80	18.76		
15	256QAM	75	0	18.89	18.93	18.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.80	22.87	22.81	24	0
10	QPSK	1	25	22.77	22.55	22.79		
10	QPSK	1	49	22.78	22.65	22.76		
10	QPSK	25	0	22.76	22.81	22.89	24	0
10	QPSK	25	12	22.84	22.70	22.77		
10	QPSK	25	25	22.71	22.78	22.65		
10	QPSK	50	0	22.57	22.77	22.76		
10	16QAM	1	0	22.77	22.75	22.80	24	0
10	16QAM	1	25	22.77	22.66	22.70		
10	16QAM	1	49	22.85	22.63	22.84		
10	16QAM	25	0	22.48	22.33	22.41	24	0
10	16QAM	25	12	22.51	22.31	22.34		
10	16QAM	25	25	22.42	22.47	22.41		
10	16QAM	50	0	22.42	22.38	22.27		
10	64QAM	1	0	22.67	22.54	22.86	24	0
10	64QAM	1	25	22.59	22.52	22.66		
10	64QAM	1	49	22.72	22.80	22.66		
10	64QAM	25	0	22.53	22.47	22.30	24	0
10	64QAM	25	12	22.39	22.37	22.39		
10	64QAM	25	25	22.57	22.31	22.40		
10	64QAM	50	0	22.36	22.45	22.39		
10	256QAM	1	0	19.02	19.20	19.18	20	4
10	256QAM	1	25	19.05	19.16	19.03		
10	256QAM	1	49	19.00	19.13	19.10		
10	256QAM	25	0	18.92	18.98	18.93	20	4
10	256QAM	25	12	18.84	18.96	18.85		
10	256QAM	25	25	18.91	18.83	18.81		
10	256QAM	50	0	18.87	18.83	18.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.88	22.79	22.75	24	0
5	QPSK	1	12	22.79	22.59	22.74		
5	QPSK	1	24	22.74	22.74	22.67		
5	QPSK	12	0	22.91	22.83	22.78	24	0
5	QPSK	12	7	22.82	22.75	22.75		
5	QPSK	12	13	22.81	22.70	22.70		
5	QPSK	25	0	22.55	22.75	22.67		
5	16QAM	1	0	22.75	22.74	22.82	24	0
5	16QAM	1	12	22.76	22.70	22.85		
5	16QAM	1	24	22.77	22.63	22.92		
5	16QAM	12	0	22.39	22.39	22.44	24	0
5	16QAM	12	7	22.54	22.34	22.38		
5	16QAM	12	13	22.44	22.39	22.36		
5	16QAM	25	0	22.54	22.37	22.33		
5	64QAM	1	0	22.68	22.64	22.77	24	0
5	64QAM	1	12	22.67	22.58	22.80		
5	64QAM	1	24	22.73	22.70	22.64		
5	64QAM	12	0	22.40	22.35	22.39	24	0
5	64QAM	12	7	22.54	22.41	22.47		
5	64QAM	12	13	22.55	22.43	22.32		
5	64QAM	25	0	22.50	22.38	22.40		
5	256QAM	1	0	19.03	19.25	19.20	20	4
5	256QAM	1	12	19.00	19.17	19.02		
5	256QAM	1	24	19.00	19.13	19.12		
5	256QAM	12	0	18.97	18.99	18.92	20	4
5	256QAM	12	7	18.78	18.89	18.95		
5	256QAM	12	13	18.87	18.85	18.83		
5	256QAM	25	0	18.82	18.92	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.85	22.80	22.83	24	0
3	QPSK	1	8	22.72	22.61	22.77		
3	QPSK	1	14	22.65	22.70	22.72		
3	QPSK	8	0	22.77	22.94	22.75	24	0
3	QPSK	8	4	22.83	22.70	22.74		
3	QPSK	8	7	22.83	22.84	22.76		
3	QPSK	15	0	22.68	22.71	22.63		
3	16QAM	1	0	22.76	22.79	22.70	24	0
3	16QAM	1	8	22.84	22.67	22.74		
3	16QAM	1	14	22.85	22.63	22.83		
3	16QAM	8	0	22.37	22.35	22.27	24	0
3	16QAM	8	4	22.52	22.48	22.26		
3	16QAM	8	7	22.42	22.45	22.24		
3	16QAM	15	0	22.53	22.33	22.23		
3	64QAM	1	0	22.62	22.64	22.76	24	0
3	64QAM	1	8	22.60	22.68	22.72		
3	64QAM	1	14	22.65	22.75	22.62		
3	64QAM	8	0	22.39	22.49	22.37	24	0
3	64QAM	8	4	22.45	22.50	22.37		
3	64QAM	8	7	22.52	22.46	22.31		
3	64QAM	15	0	22.51	22.35	22.42		
3	256QAM	1	0	19.06	19.17	19.26	20	4
3	256QAM	1	8	19.10	19.10	19.05		
3	256QAM	1	14	19.03	19.16	19.09		
3	256QAM	8	0	18.89	19.02	18.93	20	4
3	256QAM	8	4	18.80	18.96	18.95		
3	256QAM	8	7	18.82	18.91	18.79		
3	256QAM	15	0	18.82	18.90	18.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	22.87	22.78	24	0
1.4	QPSK	1	3	22.75	22.54	22.70		
1.4	QPSK	1	5	22.69	22.78	22.78		
1.4	QPSK	3	0	22.87	22.81	22.92		
1.4	QPSK	3	1	22.86	22.85	22.68		
1.4	QPSK	3	3	22.84	22.85	22.82		
1.4	QPSK	6	0	22.57	22.81	22.76	24	0
1.4	16QAM	1	0	22.68	22.73	22.68	24	0
1.4	16QAM	1	3	22.82	22.59	22.66		
1.4	16QAM	1	5	22.86	22.59	22.79		
1.4	16QAM	3	0	22.40	22.39	22.46		
1.4	16QAM	3	1	22.50	22.49	22.45		
1.4	16QAM	3	3	22.39	22.42	22.28		
1.4	16QAM	6	0	22.38	22.40	22.35	24	0
1.4	64QAM	1	0	22.61	22.68	22.91	24	0
1.4	64QAM	1	3	22.54	22.54	22.82		
1.4	64QAM	1	5	22.67	22.78	22.62		
1.4	64QAM	3	0	22.44	22.33	22.46		
1.4	64QAM	3	1	22.50	22.46	22.37		
1.4	64QAM	3	3	22.54	22.44	22.28		
1.4	64QAM	6	0	22.42	22.39	22.48	24	0
1.4	256QAM	1	0	19.03	19.22	19.21	20	4
1.4	256QAM	1	3	19.03	19.15	19.06		
1.4	256QAM	1	5	19.10	19.17	19.08		
1.4	256QAM	3	0	18.95	19.06	18.94		
1.4	256QAM	3	1	18.83	18.92	18.88		
1.4	256QAM	3	3	18.82	18.85	18.76		
1.4	256QAM	6	0	18.88	18.90	18.81	20	4

Band 5 Ant0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.91	22.85	24	0
10	QPSK	1	25	22.64	22.71	22.75		
10	QPSK	1	49	22.71	22.68	22.69		
10	QPSK	25	0	22.79	22.89	22.74	24	0
10	QPSK	25	12	22.76	22.79	22.71		
10	QPSK	25	25	22.64	22.85	22.74		
10	QPSK	50	0	22.66	22.76	22.73		
10	16QAM	1	0	22.87	22.84	22.80	24	0
10	16QAM	1	25	22.67	22.79	22.78		
10	16QAM	1	49	22.72	22.84	22.87		
10	16QAM	25	0	22.15	22.26	22.28	24	0
10	16QAM	25	12	22.26	22.30	22.36		
10	16QAM	25	25	22.17	22.24	22.21		
10	16QAM	50	0	22.18	22.18	22.37		
10	64QAM	1	0	22.44	22.63	22.84	24	0
10	64QAM	1	25	22.67	22.73	22.81		
10	64QAM	1	49	22.63	22.79	22.85		
10	64QAM	25	0	22.11	22.59	22.25	24	0
10	64QAM	25	12	22.59	22.19	22.20		
10	64QAM	25	25	22.16	22.31	22.12		
10	64QAM	50	0	22.63	22.53	22.75		
10	256QAM	1	0	18.64	18.95	18.91	20	4
10	256QAM	1	25	18.74	18.84	18.65		
10	256QAM	1	49	18.66	18.86	18.73		
10	256QAM	25	0	18.57	18.67	18.50	20	4
10	256QAM	25	12	18.41	18.54	18.59		
10	256QAM	25	25	18.48	18.47	18.50		
10	256QAM	50	0	18.53	18.46	18.48		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.67	22.87	22.71	24	0
5	QPSK	1	12	22.56	22.66	22.73		
5	QPSK	1	24	22.53	22.50	22.59		
5	QPSK	12	0	22.70	22.69	22.69	24	0
5	QPSK	12	7	22.56	22.61	22.51		
5	QPSK	12	13	22.53	22.82	22.64		
5	QPSK	25	0	22.48	22.70	22.78		
5	16QAM	1	0	22.74	22.73	22.64	24	0
5	16QAM	1	12	22.59	22.65	22.72		
5	16QAM	1	24	22.53	22.79	22.77		
5	16QAM	12	0	22.05	22.17	22.21	24	0
5	16QAM	12	7	22.13	22.14	22.29		
5	16QAM	12	13	22.16	22.06	22.21		
5	16QAM	25	0	22.11	22.13	22.28		
5	64QAM	1	0	22.38	22.53	22.72	24	0
5	64QAM	1	12	22.61	22.63	22.79		
5	64QAM	1	24	22.58	22.60	22.68		
5	64QAM	12	0	22.78	22.50	22.59	24	0
5	64QAM	12	7	22.39	22.61	22.57		
5	64QAM	12	13	22.48	22.78	22.57		
5	64QAM	25	0	22.46	22.41	22.69		
5	256QAM	1	0	18.58	18.86	18.85	20	4
5	256QAM	1	12	18.66	18.85	18.62		
5	256QAM	1	24	18.57	18.80	18.64		
5	256QAM	12	0	18.48	18.63	18.40	20	4
5	256QAM	12	7	18.37	18.45	18.49		
5	256QAM	12	13	18.40	18.47	18.42		
5	256QAM	25	0	18.50	18.43	18.48		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.73	22.84	22.80	24	0
3	QPSK	1	8	22.57	22.67	22.71		
3	QPSK	1	14	22.70	22.54	22.62		
3	QPSK	8	0	22.79	22.77	22.66	24	0
3	QPSK	8	4	22.73	22.63	22.68		
3	QPSK	8	7	22.59	22.66	22.63		
3	QPSK	15	0	22.65	22.68	22.60		
3	16QAM	1	0	22.83	22.78	22.67	24	0
3	16QAM	1	8	22.59	22.77	22.60		
3	16QAM	1	14	22.58	22.70	22.71		
3	16QAM	8	0	22.04	22.19	22.10	24	0
3	16QAM	8	4	22.22	22.15	22.21		
3	16QAM	8	7	22.05	22.15	22.13		
3	16QAM	15	0	22.42	22.56	22.20		
3	64QAM	1	0	22.43	22.60	22.73	24	0
3	64QAM	1	8	22.62	22.71	22.79		
3	64QAM	1	14	22.60	22.78	22.76		
3	64QAM	8	0	22.08	22.04	22.10	24	0
3	64QAM	8	4	22.03	22.00	22.12		
3	64QAM	8	7	22.12	22.14	22.37		
3	64QAM	15	0	22.22	22.07	22.57		
3	256QAM	1	0	18.59	18.87	18.90	20	4
3	256QAM	1	8	18.64	18.80	18.57		
3	256QAM	1	14	18.66	18.85	18.66		
3	256QAM	8	0	18.53	18.60	18.47	20	4
3	256QAM	8	4	18.33	18.44	18.57		
3	256QAM	8	7	18.38	18.37	18.48		
3	256QAM	15	0	18.44	18.45	18.41		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.74	22.79	22.69	24	0
1.4	QPSK	1	3	22.52	22.52	22.58		
1.4	QPSK	1	5	22.63	22.65	22.67		
1.4	QPSK	3	0	22.72	22.77	22.56		
1.4	QPSK	3	1	22.58	22.76	22.66		
1.4	QPSK	3	3	22.63	22.69	22.62		
1.4	QPSK	6	0	22.48	22.59	22.62	24	0
1.4	16QAM	1	0	22.72	22.83	22.61	24	0
1.4	16QAM	1	3	22.67	22.64	22.71		
1.4	16QAM	1	5	22.71	22.72	22.67		
1.4	16QAM	3	0	22.10	22.20	22.18		
1.4	16QAM	3	1	22.23	22.23	22.24		
1.4	16QAM	3	3	22.05	22.05	22.19		
1.4	16QAM	6	0	22.14	22.13	22.36	24	0
1.4	64QAM	1	0	22.39	22.50	22.64	24	0
1.4	64QAM	1	3	22.47	22.61	22.78		
1.4	64QAM	1	5	22.60	22.62	22.79		
1.4	64QAM	3	0	22.27	22.09	22.23		
1.4	64QAM	3	1	22.31	22.06	22.11		
1.4	64QAM	3	3	22.06	22.19	22.02		
1.4	64QAM	6	0	22.22	22.28	22.61	24	0
1.4	256QAM	1	0	18.61	18.91	18.87	20	4
1.4	256QAM	1	3	18.68	18.78	18.56		
1.4	256QAM	1	5	18.63	18.84	18.72		
1.4	256QAM	3	0	18.53	18.58	18.50		
1.4	256QAM	3	1	18.41	18.48	18.57		
1.4	256QAM	3	3	18.42	18.45	18.42		
1.4	256QAM	6	0	18.46	18.39	18.45	20	4

Band 7 Ant0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.37	23.53	23.45	24	0
20	QPSK	1	49	23.42	23.43	23.49		
20	QPSK	1	99	23.44	23.50	23.43		
20	QPSK	50	0	23.39	23.47	23.46	24	0
20	QPSK	50	24	23.35	23.45	23.41		
20	QPSK	50	50	23.42	23.33	23.45		
20	QPSK	100	0	23.41	23.49	23.45		
20	16QAM	1	0	23.50	23.45	23.41	24	0
20	16QAM	1	49	23.28	23.48	23.21		
20	16QAM	1	99	23.28	23.18	23.29		
20	16QAM	50	0	22.71	22.73	22.79	24	0
20	16QAM	50	24	22.84	22.77	22.86		
20	16QAM	50	50	22.82	22.86	22.94		
20	16QAM	100	0	22.81	22.85	22.81		
20	64QAM	1	0	23.37	23.45	23.50	24	0
20	64QAM	1	49	23.43	23.34	23.42		
20	64QAM	1	99	23.37	23.34	23.50		
20	64QAM	50	0	22.66	22.59	22.76	24	0
20	64QAM	50	24	22.83	22.79	22.82		
20	64QAM	50	50	22.82	22.87	22.92		
20	64QAM	100	0	22.79	22.83	22.80		
20	256QAM	1	0	19.50	19.63	19.71	20	4
20	256QAM	1	49	19.53	19.69	19.48		
20	256QAM	1	99	19.43	19.66	19.51		
20	256QAM	50	0	19.32	19.41	19.29	20	4
20	256QAM	50	24	19.18	19.28	19.45		
20	256QAM	50	50	19.26	19.23	19.28		
20	256QAM	100	0	19.28	19.28	19.25		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.21	23.48	23.30	24	0
15	QPSK	1	37	23.23	23.34	23.35		
15	QPSK	1	74	23.35	23.43	23.41		
15	QPSK	36	0	23.30	23.36	23.34	24	0
15	QPSK	36	20	23.19	23.26	23.36		
15	QPSK	36	39	23.28	23.16	23.42		
15	QPSK	75	0	23.34	23.46	23.30		
15	16QAM	1	0	23.40	23.41	23.34	24	0
15	16QAM	1	37	23.16	23.30	23.03		
15	16QAM	1	74	23.17	23.00	23.12		
15	16QAM	36	0	22.56	22.60	22.61	24	0
15	16QAM	36	20	22.77	22.70	22.68		
15	16QAM	36	39	22.81	22.77	22.81		
15	16QAM	75	0	22.64	22.81	22.69		
15	64QAM	1	0	23.30	23.41	23.35	24	0
15	64QAM	1	37	23.38	23.34	23.41		
15	64QAM	1	74	23.33	23.30	23.30		
15	64QAM	36	0	22.63	22.56	22.61	24	0
15	64QAM	36	20	22.77	22.71	22.79		
15	64QAM	36	39	22.82	22.72	22.73		
15	64QAM	75	0	22.61	22.71	22.78		
15	256QAM	1	0	19.47	19.55	19.67	20	4
15	256QAM	1	37	19.53	19.64	19.47		
15	256QAM	1	74	19.40	19.63	19.51		
15	256QAM	36	0	19.30	19.33	19.18	20	4
15	256QAM	36	20	19.16	19.26	19.41		
15	256QAM	36	39	19.18	19.17	19.27		
15	256QAM	75	0	19.18	19.25	19.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.21	23.45	23.41	24	0
10	QPSK	1	25	23.36	23.34	23.48		
10	QPSK	1	49	23.43	23.34	23.38		
10	QPSK	25	0	23.29	23.46	23.44	24	0
10	QPSK	25	12	23.26	23.38	23.21		
10	QPSK	25	25	23.42	23.15	23.27		
10	QPSK	50	0	23.38	23.32	23.34		
10	16QAM	1	0	23.33	23.29	23.35	24	0
10	16QAM	1	25	23.28	23.41	23.20		
10	16QAM	1	49	23.12	23.06	23.17		
10	16QAM	25	0	22.71	22.73	22.60	24	0
10	16QAM	25	12	22.76	22.74	22.68		
10	16QAM	25	25	22.70	22.81	22.94		
10	16QAM	50	0	22.63	22.75	22.74		
10	64QAM	1	0	23.26	23.39	23.35	24	0
10	64QAM	1	25	23.34	23.27	23.40		
10	64QAM	1	49	23.34	23.15	23.49		
10	64QAM	25	0	22.47	22.43	22.69	24	0
10	64QAM	25	12	22.65	22.67	22.77		
10	64QAM	25	25	22.63	22.68	22.72		
10	64QAM	50	0	22.71	22.63	22.75		
10	256QAM	1	0	19.46	19.60	19.61	20	4
10	256QAM	1	25	19.43	19.60	19.46		
10	256QAM	1	49	19.41	19.63	19.44		
10	256QAM	25	0	19.31	19.40	19.18	20	4
10	256QAM	25	12	19.19	19.22	19.42		
10	256QAM	25	25	19.23	19.24	19.20		
10	256QAM	50	0	19.19	19.20	19.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.36	23.43	24	0
5	QPSK	1	12	23.28	23.30	23.42		
5	QPSK	1	24	23.40	23.41	23.38		
5	QPSK	12	0	23.26	23.36	23.30	24	0
5	QPSK	12	7	23.26	23.31	23.40		
5	QPSK	12	13	23.40	23.26	23.25		
5	QPSK	25	0	23.35	23.45	23.35		
5	16QAM	1	0	23.43	23.29	23.32	24	0
5	16QAM	1	12	23.08	23.42	23.04		
5	16QAM	1	24	23.22	23.01	23.27		
5	16QAM	12	0	22.62	22.71	22.78	24	0
5	16QAM	12	7	22.83	22.73	22.81		
5	16QAM	12	13	22.68	22.82	22.82		
5	16QAM	25	0	22.80	22.65	22.70		
5	64QAM	1	0	23.18	23.34	23.32	24	0
5	64QAM	1	12	23.35	23.20	23.31		
5	64QAM	1	24	23.35	23.21	23.39		
5	64QAM	12	0	22.49	22.47	22.62	24	0
5	64QAM	12	7	22.77	22.74	22.75		
5	64QAM	12	13	22.80	22.79	22.85		
5	64QAM	25	0	22.75	22.71	22.77		
5	256QAM	1	0	19.41	19.62	19.61	20	4
5	256QAM	1	12	19.48	19.59	19.44		
5	256QAM	1	24	19.39	19.59	19.42		
5	256QAM	12	0	19.25	19.34	19.24	20	4
5	256QAM	12	7	19.09	19.21	19.41		
5	256QAM	12	13	19.20	19.20	19.20		
5	256QAM	25	0	19.22	19.28	19.26		

Band 12 Ant0 DSI2 Simultaneous

	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				23060	23095	23130		
	Frequency (MHz)				704	707.5	711		
	10	QPSK	1	0	22.63	22.76	22.61	24	0
	10	QPSK	1	25	22.65	22.66	22.64		
	10	QPSK	1	49	22.61	22.62	22.61		
	10	QPSK	25	0	22.64	22.75	22.62	24	0
	10	QPSK	25	12	22.59	22.58	22.72		
	10	QPSK	25	25	22.70	22.67	22.71		
	10	QPSK	50	0	22.70	22.75	22.72		
	10	16QAM	1	0	22.56	22.57	22.52	24	0
	10	16QAM	1	25	22.50	22.47	22.50		
	10	16QAM	1	49	22.51	22.47	22.59		
	10	16QAM	25	0	22.49	22.53	22.49	24	0
	10	16QAM	25	12	22.64	22.70	22.59		
	10	16QAM	25	25	22.53	22.61	22.60		
	10	16QAM	50	0	22.52	22.64	22.69		
	10	64QAM	1	0	22.51	22.59	22.61	24	0
	10	64QAM	1	25	22.50	22.48	22.57		
	10	64QAM	1	49	22.42	22.57	22.45		
	10	64QAM	25	0	22.63	22.56	22.46	24	0
	10	64QAM	25	12	22.62	22.70	22.65		
	10	64QAM	25	25	22.52	22.49	22.56		
	10	64QAM	50	0	22.59	22.62	22.59		
	10	256QAM	1	0	19.06	19.25	19.31	20	4
	10	256QAM	1	25	19.10	19.27	19.12		
	10	256QAM	1	49	19.02	19.29	19.12		
	10	256QAM	25	0	18.89	19.00	18.91	20	4
	10	256QAM	25	12	18.84	18.85	19.02		
	10	256QAM	25	25	18.86	18.77	18.86		
	10	256QAM	50	0	18.93	18.89	18.88		
	Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				701.5	707.5	713.5		
	5	QPSK	1	0	22.50	22.57	22.54	24	0
	5	QPSK	1	12	22.62	22.53	22.60		
	5	QPSK	1	24	22.55	22.60	22.42		
	5	QPSK	12	0	22.63	22.62	22.46	24	0
	5	QPSK	12	7	22.48	22.54	22.68		
	5	QPSK	12	13	22.63	22.54	22.57		
	5	QPSK	25	0	22.60	22.74	22.56		
	5	16QAM	1	0	22.49	22.41	22.50	24	0
	5	16QAM	1	12	22.32	22.28	22.40		
	5	16QAM	1	24	22.38	22.43	22.48		
	5	16QAM	12	0	22.48	22.42	22.46	24	0
	5	16QAM	12	7	22.54	22.69	22.42		
	5	16QAM	12	13	22.44	22.54	22.56		
	5	16QAM	25	0	22.39	22.58	22.50		
	5	64QAM	1	0	22.48	22.42	22.57	24	0
	5	64QAM	1	12	22.41	22.46	22.54		
	5	64QAM	1	24	22.35	22.55	22.30		
0.93	5	64QAM	12	0	22.60	22.46	22.30	24	0
	5	64QAM	12	7	22.45	22.61	22.59		
	5	64QAM	12	13	22.42	22.42	22.38		
	5	64QAM	25	0	22.41	22.58	22.49		
2.91	5	256QAM	1	0	19.00	19.17	19.27	20	4
	5	256QAM	1	12	19.07	19.25	19.02		
	5	256QAM	1	24	18.95	19.26	19.09		
3.03	5	256QAM	12	0	18.83	18.91	18.84	20	4
	5	256QAM	12	7	18.80	18.81	18.99		
	5	256QAM	12	13	18.79	18.74	18.85		
	5	256QAM	25	0	18.92	18.82	18.83		
	Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				700.5	707.5	714.5		
	3	QPSK	1	0	22.47	22.59	22.49	24	0
	3	QPSK	1	8	22.55	22.48	22.62		
	3	QPSK	1	14	22.52	22.52	22.45		
	3	QPSK	8	0	22.52	22.66	22.44	24	0
	3	QPSK	8	4	22.47	22.46	22.71		
	3	QPSK	8	7	22.64	22.51	22.63		
	3	QPSK	15	0	22.68	22.61	22.69		
	3	16QAM	1	0	22.37	22.45	22.48	24	0
	3	16QAM	1	8	22.49	22.36	22.34		
	3	16QAM	1	14	22.45	22.42	22.44		
	3	16QAM	8	0	22.39	22.49	22.41	24	0
	3	16QAM	8	4	22.56	22.62	22.42		
	3	16QAM	8	7	22.43	22.53	22.52		
	3	16QAM	15	0	22.45	22.48	22.50		
	3	64QAM	1	0	22.48	22.53	22.60	24	0
	3	64QAM	1	8	22.32	22.36	22.54		
	3	64QAM	1	14	22.36	22.44	22.38		
1.04	3	64QAM	8	0	22.51	22.45	22.40	24	0
	3	64QAM	8	4	22.57	22.70	22.57		
	3	64QAM	8	7	22.38	22.41	22.46		
	3	64QAM	15	0	22.41	22.53	22.39		
3.00	3	256QAM	1	0	19.06	19.19	19.26	20	4
	3	256QAM	1	8	18.99	19.17	19.02		
	3	256QAM	1	14	18.95	19.20	19.09		
3.12	3	256QAM	8	0	18.79	18.95	18.86	20	4
	3	256QAM	8	4	18.76	18.81	18.99		
	3	256QAM	8	7	18.83	18.71	18.82		
	3	256QAM	15	0	18.86	18.88	18.81		
	Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)				699.7	707.5	715.3		
	1.4	QPSK	1	0	22.62	22.58	22.55	24	0
	1.4	QPSK	1	3	22.56	22.65	22.61		
	1.4	QPSK	1	5	22.53	22.50	22.46		
	1.4	QPSK	3	0	22.58	22.67	22.51		
	1.4	QPSK	3	1	22.47	22.49	22.53		
	1.4	QPSK	3	3	22.53	22.54	22.56		
	1.4	QPSK	6	0	22.50	22.65	22.71	24	0
	1.4	16QAM	1	0	22.49	22.54	22.50	24	0
	1.4	16QAM	1	3	22.45	22.45	22.43		
	1.4	16QAM	1	5	22.40	22.36	22.47		
	1.4	16QAM	3	0	22.31	22.33	22.48		
	1.4	16QAM	3	1	22.52	22.64	22.44		
	1.4	16QAM	3	3	22.44	22.50	22.46		
	1.4	16QAM	6	0	22.36	22.56	22.63	24	0
	1.4	64QAM	1	0	22.41	22.54	22.49	24	0
	1.4	64QAM	1	3	22.46	22.36	22.37		
	1.4	64QAM	1	5	22.25	22.53	22.40		
1.01	1.4	64QAM	3	0	22.47	22.42	22.40		
	1.4	64QAM	3	1	22.59	22.68	22.49		
	1.4	64QAM	3	3	22.48	22.42	22.53		
	1.4	64QAM	6	0	22.43	22.60	22.41	24	0
2.84	1.4	256QAM	1	0	18.97	19.16	19.26	20	4
	1.4	256QAM	1	3	19.00	19.19	19.05		
	1.4	256QAM	1	5	18.99	19.29	19.08		
3.08	1.4	256QAM	3	0	18.84	18.96	18.85		
	1.4	256QAM	3	1	18.82	18.86	18.94		
	1.4	256QAM	3	3	18.76	18.75	18.77		
	1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant 0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.50		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.60		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.90	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.50	19.38		
5	256QAM	12	0	19.10	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19.00	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

Band 66 Ant0 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.06	23.16	22.98	24	0
20	QPSK	1	49	23.04	23.07	22.81		
20	QPSK	1	99	22.94	22.91	22.86		
20	QPSK	50	0	23.03	23.09	22.88	24	0
20	QPSK	50	24	23.05	23.08	22.86		
20	QPSK	50	50	22.90	23.02	22.72		
20	QPSK	100	0	23.02	23.05	22.84		
20	16QAM	1	0	22.95	22.96	23.02	24	0
20	16QAM	1	49	22.98	22.89	22.93		
20	16QAM	1	99	22.89	22.79	22.92		
20	16QAM	50	0	22.66	22.67	22.43	24	0
20	16QAM	50	24	22.64	22.67	22.46		
20	16QAM	50	50	22.51	22.61	22.33		
20	16QAM	100	0	22.60	22.65	22.42		
20	64QAM	1	0	23.01	22.96	22.85	24	0
20	64QAM	1	49	23.02	22.96	22.92		
20	64QAM	1	99	22.91	22.97	22.83		
20	64QAM	50	0	23.03	22.68	22.75	24	0
20	64QAM	50	24	22.63	22.66	22.76		
20	64QAM	50	50	22.68	22.61	22.78		
20	64QAM	100	0	22.60	22.64	22.38		
20	256QAM	1	0	19.15	19.32	19.29	20	4
20	256QAM	1	49	19.20	19.37	19.18		
20	256QAM	1	99	19.11	19.26	19.28		
20	256QAM	50	0	18.87	19.05	18.85	20	4
20	256QAM	50	24	19.00	18.79	19.00		
20	256QAM	50	50	18.93	18.73	18.79		
20	256QAM	100	0	18.91	19.01	18.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.94	22.99	22.83	24	0
15	QPSK	1	37	22.85	23.05	22.63		
15	QPSK	1	74	22.90	22.74	22.74		
15	QPSK	36	0	22.91	23.07	22.79	24	0
15	QPSK	36	20	22.87	22.91	22.66		
15	QPSK	36	39	22.82	22.90	22.57		
15	QPSK	75	0	22.88	22.88	22.71		
15	16QAM	1	0	22.78	22.84	22.89	24	0
15	16QAM	1	37	22.84	22.76	22.80		
15	16QAM	1	74	22.74	22.64	22.75		
15	16QAM	36	0	22.60	22.58	22.38	24	0
15	16QAM	36	20	22.45	22.60	22.29		
15	16QAM	36	39	22.42	22.42	22.29		
15	16QAM	75	0	22.58	22.49	22.37		
15	64QAM	1	0	22.99	22.84	22.80	24	0
15	64QAM	1	37	23.03	22.94	22.79		
15	64QAM	1	74	22.86	22.81	22.65		
15	64QAM	36	0	23.02	22.56	22.64	24	0
15	64QAM	36	20	22.57	22.52	22.65		
15	64QAM	36	39	22.88	22.76	22.56		
15	64QAM	75	0	22.54	22.52	22.24		
15	256QAM	1	0	19.02	19.20	19.31	20	4
15	256QAM	1	37	19.16	19.35	19.14		
15	256QAM	1	74	19.15	19.27	19.20		
15	256QAM	36	0	18.90	19.09	18.83	20	4
15	256QAM	36	20	18.90	18.77	19.03		
15	256QAM	36	39	18.89	18.70	18.83		
15	256QAM	75	0	18.76	19.02	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.03	23.15	22.83	24	0
10	QPSK	1	25	22.89	22.95	22.92		
10	QPSK	1	49	22.83	22.82	22.74		
10	QPSK	25	0	22.83	22.92	22.69	24	0
10	QPSK	25	12	22.93	23.02	22.76		
10	QPSK	25	25	22.88	22.99	22.55		
10	QPSK	50	0	22.82	22.98	22.80		
10	16QAM	1	0	22.83	22.89	23.01	24	0
10	16QAM	1	25	22.91	22.87	22.83		
10	16QAM	1	49	22.85	22.68	22.78		
10	16QAM	25	0	22.56	22.55	22.40	24	0
10	16QAM	25	12	22.57	22.51	22.38		
10	16QAM	25	25	22.48	22.52	22.31		
10	16QAM	50	0	22.47	22.54	22.29		
10	64QAM	1	0	22.95	22.88	22.76	24	0
10	64QAM	1	25	23.00	22.83	22.75		
10	64QAM	1	49	22.71	22.91	22.72		
10	64QAM	25	0	22.71	22.65	22.29	24	0
10	64QAM	25	12	22.62	22.48	22.36		
10	64QAM	25	25	22.34	22.52	22.41		
10	64QAM	50	0	22.42	22.52	22.22		
10	256QAM	1	0	19.03	19.31	19.31	20	4
10	256QAM	1	25	19.13	19.34	19.08		
10	256QAM	1	49	19.05	19.29	19.16		
10	256QAM	25	0	18.89	19.11	18.89	20	4
10	256QAM	25	12	18.88	18.77	19.09		
10	256QAM	25	25	18.85	18.66	18.76		
10	256QAM	50	0	18.77	19.01	18.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.96	23.13	22.86	24	0
5	QPSK	1	12	22.93	23.07	22.73		
5	QPSK	1	24	22.85	22.77	22.76		
5	QPSK	12	0	22.91	22.94	22.77	24	0
5	QPSK	12	7	22.94	23.03	22.71		
5	QPSK	12	13	22.90	22.88	22.66		
5	QPSK	25	0	22.86	22.85	22.66		
5	16QAM	1	0	22.83	22.84	22.88	24	0
5	16QAM	1	12	22.82	22.78	22.89		
5	16QAM	1	24	22.78	22.75	22.88		
5	16QAM	12	0	22.63	22.65	22.26	24	0
5	16QAM	12	7	22.53	22.63	22.40		
5	16QAM	12	13	22.39	22.44	22.24		
5	16QAM	25	0	22.59	22.52	22.33		
5	64QAM	1	0	22.83	22.83	22.83	24	0
5	64QAM	1	12	22.97	22.93	22.80		
5	64QAM	1	24	22.81	22.83	22.64		
5	64QAM	12	0	22.95	22.59	22.49	24	0
5	64QAM	12	7	22.63	22.61	22.65		
5	64QAM	12	13	22.58	22.62	22.55		
5	64QAM	25	0	22.42	22.50	22.29		
5	256QAM	1	0	18.97	19.26	19.22	20	4
5	256QAM	1	12	19.18	19.32	19.12		
5	256QAM	1	24	19.08	19.27	19.14		
5	256QAM	12	0	18.80	19.09	18.84	20	4
5	256QAM	12	7	18.93	18.80	19.04		
5	256QAM	12	13	18.89	18.65	18.75		
5	256QAM	25	0	18.77	19.01	18.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.91	23.14	22.79	24	0
3	QPSK	1	8	22.90	22.87	22.79		
3	QPSK	1	14	22.82	22.71	22.81		
3	QPSK	8	0	22.93	22.90	22.73	24	0
3	QPSK	8	4	23.00	22.90	22.71		
3	QPSK	8	7	22.77	22.95	22.53		
3	QPSK	15	0	22.83	22.97	22.79		
3	16QAM	1	0	22.84	22.82	22.96	24	0
3	16QAM	1	8	22.79	22.79	22.93		
3	16QAM	1	14	22.85	22.62	22.81		
3	16QAM	8	0	22.46	22.63	22.34	24	0
3	16QAM	8	4	22.58	22.63	22.34		
3	16QAM	8	7	22.44	22.50	22.13		
3	16QAM	15	0	22.45	22.49	22.42		
3	64QAM	1	0	22.86	22.89	22.82	24	0
3	64QAM	1	8	22.94	22.92	22.87		
3	64QAM	1	14	22.80	22.94	22.74		
3	64QAM	8	0	22.86	22.57	22.47	24	0
3	64QAM	8	4	22.62	22.64	22.53		
3	64QAM	8	7	22.41	22.45	22.52		
3	64QAM	15	0	22.59	22.51	22.27		
3	256QAM	1	0	19.02	19.27	19.24	20	4
3	256QAM	1	8	19.15	19.30	19.09		
3	256QAM	1	14	19.15	19.25	19.12		
3	256QAM	8	0	18.84	19.01	18.80	20	4
3	256QAM	8	4	18.87	18.77	19.01		
3	256QAM	8	7	18.86	18.66	18.81		
3	256QAM	15	0	18.78	18.99	18.74		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.90	23.14	22.80	24	0
1.4	QPSK	1	3	22.91	22.87	22.68		
1.4	QPSK	1	5	22.89	22.85	22.82		
1.4	QPSK	3	0	22.92	22.93	22.75		
1.4	QPSK	3	1	22.88	22.99	22.82		
1.4	QPSK	3	3	22.72	22.99	22.58		
1.4	QPSK	6	0	22.84	22.97	22.79	24	0
1.4	16QAM	1	0	22.90	22.86	22.95	24	0
1.4	16QAM	1	3	22.81	22.83	22.90		
1.4	16QAM	1	5	22.81	22.68	22.91		
1.4	16QAM	3	0	22.54	22.53	22.25		
1.4	16QAM	3	1	22.58	22.56	22.33		
1.4	16QAM	3	3	22.45	22.60	22.16		
1.4	16QAM	6	0	22.59	22.60	22.29	24	0
1.4	64QAM	1	0	22.97	22.84	22.76	24	0
1.4	64QAM	1	3	23.01	22.95	22.74		
1.4	64QAM	1	5	22.85	22.84	22.67		
1.4	64QAM	3	0	22.85	22.55	22.48		
1.4	64QAM	3	1	22.55	22.63	22.53		
1.4	64QAM	3	3	22.42	22.49	22.42		
1.4	64QAM	6	0	22.46	22.52	22.30	24	0
1.4	256QAM	1	0	19.04	19.21	19.29	20	4
1.4	256QAM	1	3	19.19	19.36	19.11		
1.4	256QAM	1	5	19.10	19.30	19.20		
1.4	256QAM	3	0	18.91	19.01	18.81		
1.4	256QAM	3	1	18.95	18.78	19.04		
1.4	256QAM	3	3	18.79	18.69	18.79		
1.4	256QAM	6	0	18.82	18.98	18.83	20	4

Band 2 Ant1 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.85	17.04	16.85	17.9	0
20	QPSK	1	49	16.91	16.90	17.03		
20	QPSK	1	99	16.80	16.94	16.93		
20	QPSK	50	0	16.86	17.00	16.98	17.9	0
20	QPSK	50	24	16.89	16.91	16.96		
20	QPSK	50	50	16.78	16.84	16.89		
20	QPSK	100	0	16.75	16.97	16.82		
20	16QAM	1	0	16.82	16.89	16.69	17.9	0
20	16QAM	1	49	16.87	16.91	16.91		
20	16QAM	1	99	16.83	16.95	16.92		
20	16QAM	50	0	16.82	16.88	16.90	17.9	0
20	16QAM	50	24	16.90	16.91	16.87		
20	16QAM	50	50	16.73	16.90	16.88		
20	16QAM	100	0	16.83	16.86	16.94		
20	64QAM	1	0	16.87	16.88	16.90	17.9	0
20	64QAM	1	49	16.85	16.92	16.79		
20	64QAM	1	99	16.75	16.90	16.83		
20	64QAM	50	0	16.93	16.77	16.92	17.9	0
20	64QAM	50	24	16.83	16.90	16.93		
20	64QAM	50	50	16.89	16.90	16.92		
20	64QAM	100	0	16.76	16.88	16.92		
20	256QAM	1	0	16.87	16.81	16.94	17.9	0
20	256QAM	1	49	16.84	16.83	16.91		
20	256QAM	1	99	16.87	16.86	16.95		
20	256QAM	50	0	16.71	16.92	16.85	17.9	0
20	256QAM	50	24	16.92	16.86	16.94		
20	256QAM	50	50	16.77	16.94	16.83		
20	256QAM	100	0	16.78	16.86	16.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.71	16.94	16.77	17.9	0
15	QPSK	1	37	16.87	16.80	16.94		
15	QPSK	1	74	16.73	16.79	16.86		
15	QPSK	36	0	16.71	16.91	16.85	17.9	0
15	QPSK	36	20	16.79	16.86	16.84		
15	QPSK	36	39	16.73	16.73	16.80		
15	QPSK	75	0	16.61	16.86	16.76		
15	16QAM	1	0	16.67	16.82	16.64	17.9	0
15	16QAM	1	37	16.78	16.87	16.77		
15	16QAM	1	74	16.70	16.88	16.82		
15	16QAM	36	0	16.69	16.73	16.75	17.9	0
15	16QAM	36	20	16.81	16.82	16.80		
15	16QAM	36	39	16.63	16.79	16.81		
15	16QAM	75	0	16.72	16.81	16.88		
15	64QAM	1	0	16.78	16.82	16.76	17.9	0
15	64QAM	1	37	16.79	16.85	16.74		
15	64QAM	1	74	16.67	16.85	16.74		
15	64QAM	36	0	16.88	16.67	16.76	17.9	0
15	64QAM	36	20	16.74	16.83	16.82		
15	64QAM	36	39	16.77	16.77	16.78		
15	64QAM	75	0	16.71	16.77	16.87		
15	256QAM	1	0	16.82	16.71	16.79	17.9	0
15	256QAM	1	37	16.68	16.73	16.87		
15	256QAM	1	74	16.78	16.80	16.88		
15	256QAM	36	0	16.59	16.78	16.77	17.9	0
15	256QAM	36	20	16.82	16.79	16.84		
15	256QAM	36	39	16.62	16.87	16.79		
15	256QAM	75	0	16.66	16.75	16.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.76	16.95	16.80	17.9	0
10	QPSK	1	25	16.75	16.78	16.93		
10	QPSK	1	49	16.67	16.78	16.84		
10	QPSK	25	0	16.74	16.87	16.83	17.9	0
10	QPSK	25	12	16.82	16.80	16.90		
10	QPSK	25	25	16.72	16.77	16.76		
10	QPSK	50	0	16.67	16.91	16.71		
10	16QAM	1	0	16.73	16.77	16.62	17.9	0
10	16QAM	1	25	16.76	16.75	16.79		
10	16QAM	1	49	16.75	16.84	16.88		
10	16QAM	25	0	16.78	16.83	16.78	17.9	0
10	16QAM	25	12	16.77	16.76	16.80		
10	16QAM	25	25	16.65	16.86	16.78		
10	16QAM	50	0	16.69	16.80	16.86		
10	64QAM	1	0	16.78	16.79	16.78	17.9	0
10	64QAM	1	25	16.77	16.84	16.71		
10	64QAM	1	49	16.67	16.82	16.74		
10	64QAM	25	0	16.81	16.72	16.81	17.9	0
10	64QAM	25	12	16.69	16.79	16.80		
10	64QAM	25	25	16.78	16.82	16.82		
10	64QAM	50	0	16.66	16.76	16.85		
10	256QAM	1	0	16.77	16.70	16.80	17.9	0
10	256QAM	1	25	16.75	16.75	16.81		
10	256QAM	1	49	16.75	16.81	16.86		
10	256QAM	25	0	16.64	16.86	16.73	17.9	0
10	256QAM	25	12	16.85	16.74	16.79		
10	256QAM	25	25	16.64	16.88	16.68		
10	256QAM	50	0	16.73	16.76	16.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.78	16.94	16.76	17.9	0
5	QPSK	1	12	16.77	16.85	16.89		
5	QPSK	1	24	16.75	16.88	16.80		
5	QPSK	12	0	16.77	16.87	16.89	17.9	0
5	QPSK	12	7	16.81	16.78	16.82		
5	QPSK	12	13	16.70	16.77	16.74		
5	QPSK	25	0	16.66	16.83	16.73		
5	16QAM	1	0	16.67	16.84	16.65	17.9	0
5	16QAM	1	12	16.81	16.77	16.82		
5	16QAM	1	24	16.75	16.90	16.86		
5	16QAM	12	0	16.70	16.74	16.75	17.9	0
5	16QAM	12	7	16.78	16.80	16.78		
5	16QAM	12	13	16.63	16.85	16.75		
5	16QAM	25	0	16.76	16.78	16.81		
5	64QAM	1	0	16.81	16.75	16.81	17.9	0
5	64QAM	1	12	16.75	16.80	16.67		
5	64QAM	1	24	16.60	16.82	16.70		
5	64QAM	12	0	16.88	16.71	16.84	17.9	0
5	64QAM	12	7	16.69	16.77	16.83		
5	64QAM	12	13	16.82	16.82	16.83		
5	64QAM	25	0	16.64	16.75	16.82		
5	256QAM	1	0	16.77	16.72	16.83	17.9	0
5	256QAM	1	12	16.74	16.77	16.75		
5	256QAM	1	24	16.81	16.79	16.80		
5	256QAM	12	0	16.64	16.84	16.71	17.9	0
5	256QAM	12	7	16.86	16.72	16.83		
5	256QAM	12	13	16.70	16.89	16.68		
5	256QAM	25	0	16.67	16.70	16.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.70	16.92	16.71	17.9	0
3	QPSK	1	8	16.86	16.75	16.97		
3	QPSK	1	14	16.74	16.90	16.85		
3	QPSK	8	0	16.75	16.84	16.90	17.9	0
3	QPSK	8	4	16.75	16.81	16.84		
3	QPSK	8	7	16.66	16.76	16.76		
3	QPSK	15	0	16.67	16.85	16.75		
3	16QAM	1	0	16.74	16.83	16.62	17.9	0
3	16QAM	1	8	16.74	16.86	16.82		
3	16QAM	1	14	16.78	16.82	16.81		
3	16QAM	8	0	16.74	16.75	16.86	17.9	0
3	16QAM	8	4	16.78	16.85	16.74		
3	16QAM	8	7	16.67	16.83	16.73		
3	16QAM	15	0	16.70	16.78	16.89		
3	64QAM	1	0	16.80	16.80	16.85	17.9	0
3	64QAM	1	8	16.78	16.83	16.73		
3	64QAM	1	14	16.63	16.83	16.71		
3	64QAM	8	0	16.87	16.67	16.86	17.9	0
3	64QAM	8	4	16.72	16.76	16.89		
3	64QAM	8	7	16.77	16.78	16.79		
3	64QAM	15	0	16.64	16.81	16.82		
3	256QAM	1	0	16.72	16.68	16.85	17.9	0
3	256QAM	1	8	16.73	16.77	16.82		
3	256QAM	1	14	16.78	16.75	16.90		
3	256QAM	8	0	16.61	16.84	16.74	17.9	0
3	256QAM	8	4	16.78	16.76	16.82		
3	256QAM	8	7	16.66	16.78	16.68		
3	256QAM	15	0	16.70	16.73	16.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.74	16.92	16.70	17.9	0
1.4	QPSK	1	3	16.83	16.77	16.94		
1.4	QPSK	1	5	16.66	16.90	16.88		
1.4	QPSK	3	0	16.73	16.87	16.90		
1.4	QPSK	3	1	16.80	16.86	16.86		
1.4	QPSK	3	3	16.70	16.69	16.81		
1.4	QPSK	6	0	16.70	16.85	16.73	17.9	0
1.4	16QAM	1	0	16.70	16.75	16.60	17.9	0
1.4	16QAM	1	3	16.81	16.76	16.82		
1.4	16QAM	1	5	16.74	16.90	16.85		
1.4	16QAM	3	0	16.69	16.78	16.83		
1.4	16QAM	3	1	16.76	16.82	16.77		
1.4	16QAM	3	3	16.57	16.82	16.72		
1.4	16QAM	6	0	16.75	16.77	16.80	17.9	0
1.4	64QAM	1	0	16.77	16.76	16.83	17.9	0
1.4	64QAM	1	3	16.71	16.80	16.66		
1.4	64QAM	1	5	16.69	16.78	16.70		
1.4	64QAM	3	0	16.78	16.66	16.81		
1.4	64QAM	3	1	16.70	16.82	16.86		
1.4	64QAM	3	3	16.84	16.76	16.77		
1.4	64QAM	6	0	16.70	16.79	16.80	17.9	0
1.4	256QAM	1	0	16.80	16.77	16.78	17.9	0
1.4	256QAM	1	3	16.78	16.71	16.75		
1.4	256QAM	1	5	16.76	16.72	16.88		
1.4	256QAM	3	0	16.64	16.85	16.74		
1.4	256QAM	3	1	16.83	16.76	16.81		
1.4	256QAM	3	3	16.66	16.85	16.74		
1.4	256QAM	6	0	16.67	16.70	16.82	17.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.09	17.35	17.05	18.1	0
20	QPSK	1	49	17.11	17.15	17.16		
20	QPSK	1	99	17.00	17.05	17.16		
20	QPSK	50	0	17.07	17.21	17.19	18.1	0
20	QPSK	50	24	17.11	17.11	17.20		
20	QPSK	50	50	16.96	17.14	16.88		
20	QPSK	100	0	16.94	17.20	16.90		
20	16QAM	1	0	17.21	17.15	17.14	18.1	0
20	16QAM	1	49	17.03	17.22	17.22		
20	16QAM	1	99	17.11	17.07	17.23		
20	16QAM	50	0	17.10	16.98	16.99	18.1	0
20	16QAM	50	24	17.18	17.28	17.17		
20	16QAM	50	50	17.03	17.03	17.29		
20	16QAM	100	0	17.04	17.20	17.02		
20	64QAM	1	0	17.10	17.17	17.15	18.1	0
20	64QAM	1	49	17.33	17.13	17.09		
20	64QAM	1	99	16.90	17.09	17.15		
20	64QAM	50	0	17.16	17.03	17.14	18.1	0
20	64QAM	50	24	16.95	16.97	17.09		
20	64QAM	50	50	17.18	17.08	17.04		
20	64QAM	100	0	16.92	17.21	17.08		
20	256QAM	1	0	17.16	16.96	17.22	18.1	0
20	256QAM	1	49	16.97	17.02	17.06		
20	256QAM	1	99	16.94	17.08	17.20		
20	256QAM	50	0	16.82	17.04	17.02	18.1	0
20	256QAM	50	24	17.09	17.00	17.10		
20	256QAM	50	50	16.94	17.05	16.94		
20	256QAM	100	0	17.07	17.13	17.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.99	17.31	17.06	18.1	0
15	QPSK	1	37	17.02	17.19	17.31		
15	QPSK	1	74	17.11	16.94	16.99		
15	QPSK	36	0	16.95	17.21	17.27	18.1	0
15	QPSK	36	20	17.06	17.01	17.12		
15	QPSK	36	39	16.92	17.29	17.11		
15	QPSK	75	0	16.92	17.18	16.96		
15	16QAM	1	0	17.14	17.00	17.21	18.1	0
15	16QAM	1	37	17.03	17.25	17.07		
15	16QAM	1	74	17.12	17.01	17.17		
15	16QAM	36	0	16.95	17.08	17.07	18.1	0
15	16QAM	36	20	17.00	17.21	17.20		
15	16QAM	36	39	16.93	17.06	17.32		
15	16QAM	75	0	17.03	17.25	17.18		
15	64QAM	1	0	16.92	17.07	17.20	18.1	0
15	64QAM	1	37	17.34	17.04	17.10		
15	64QAM	1	74	16.92	17.00	17.09		
15	64QAM	36	0	17.10	17.01	17.23	18.1	0
15	64QAM	36	20	16.89	17.13	17.02		
15	64QAM	36	39	16.99	17.14	16.94		
15	64QAM	75	0	16.85	17.02	17.19		
15	256QAM	1	0	17.02	17.06	17.25	18.1	0
15	256QAM	1	37	17.01	17.02	17.01		
15	256QAM	1	74	17.02	17.07	17.24		
15	256QAM	36	0	16.99	17.04	16.93	18.1	0
15	256QAM	36	20	17.20	17.01	17.17		
15	256QAM	36	39	17.08	17.15	16.87		
15	256QAM	75	0	16.99	17.11	17.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.04	17.24	17.08	18.1	0
10	QPSK	1	25	17.00	17.12	17.18		
10	QPSK	1	49	17.09	17.09	17.09		
10	QPSK	25	0	17.21	17.24	17.19	18.1	0
10	QPSK	25	12	17.07	16.93	17.20		
10	QPSK	25	25	16.93	17.22	16.94		
10	QPSK	50	0	16.88	17.14	16.89		
10	16QAM	1	0	17.09	17.08	17.14	18.1	0
10	16QAM	1	25	17.06	17.14	17.21		
10	16QAM	1	49	17.10	16.99	17.14		
10	16QAM	25	0	17.05	17.00	17.00	18.1	0
10	16QAM	25	12	17.09	17.18	17.06		
10	16QAM	25	25	16.92	17.15	17.26		
10	16QAM	50	0	17.06	17.12	17.15		
10	64QAM	1	0	17.10	17.02	17.03	18.1	0
10	64QAM	1	25	17.28	17.05	17.07		
10	64QAM	1	49	16.85	17.04	17.20		
10	64QAM	25	0	17.20	17.13	17.10	18.1	0
10	64QAM	25	12	16.94	16.97	17.05		
10	64QAM	25	25	17.15	17.15	17.06		
10	64QAM	50	0	16.88	17.03	17.09		
10	256QAM	1	0	17.01	17.08	17.26	18.1	0
10	256QAM	1	25	16.99	16.86	17.10		
10	256QAM	1	49	16.93	17.19	17.18		
10	256QAM	25	0	16.93	17.11	16.86	18.1	0
10	256QAM	25	12	17.10	17.00	17.23		
10	256QAM	25	25	16.94	17.08	16.96		
10	256QAM	50	0	17.06	17.09	17.16		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.05	17.28	16.98	18.1	0
5	QPSK	1	12	16.98	17.23	17.23		
5	QPSK	1	24	16.94	17.01	16.99		
5	QPSK	12	0	17.03	17.29	17.24	18.1	0
5	QPSK	12	7	17.01	17.09	17.13		
5	QPSK	12	13	17.05	17.15	16.99		
5	QPSK	25	0	16.94	17.19	17.05		
5	16QAM	1	0	17.24	16.99	17.10	18.1	0
5	16QAM	1	12	17.06	17.14	17.09		
5	16QAM	1	24	17.07	17.02	17.11		
5	16QAM	12	0	17.01	16.99	16.92	18.1	0
5	16QAM	12	7	17.08	17.18	17.10		
5	16QAM	12	13	16.95	17.09	17.20		
5	16QAM	25	0	17.09	17.12	17.16		
5	64QAM	1	0	17.11	17.07	17.16	18.1	0
5	64QAM	1	12	17.18	17.07	17.04		
5	64QAM	1	24	16.97	17.01	17.14		
5	64QAM	12	0	17.25	17.01	17.15	18.1	0
5	64QAM	12	7	16.82	17.03	17.10		
5	64QAM	12	13	17.11	17.12	16.95		
5	64QAM	25	0	16.85	17.04	17.18		
5	256QAM	1	0	17.08	17.02	17.18	18.1	0
5	256QAM	1	12	17.16	16.86	17.10		
5	256QAM	1	24	17.00	17.21	17.30		
5	256QAM	12	0	17.00	17.10	16.89	18.1	0
5	256QAM	12	7	17.11	17.01	17.18		
5	256QAM	12	13	16.99	17.17	16.91		
5	256QAM	25	0	16.92	17.00	17.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.18	17.32	16.98	18.1	0
3	QPSK	1	8	17.05	17.27	17.14		
3	QPSK	1	14	17.06	17.07	17.14		
3	QPSK	8	0	17.01	17.34	17.26	18.1	0
3	QPSK	8	4	17.03	17.06	17.06		
3	QPSK	8	7	16.95	17.23	16.85		
3	QPSK	15	0	16.90	17.22	16.97		
3	16QAM	1	0	17.12	17.09	17.12	18.1	0
3	16QAM	1	8	17.09	17.24	17.07		
3	16QAM	1	14	17.22	17.09	17.11		
3	16QAM	8	0	17.02	17.09	17.02	18.1	0
3	16QAM	8	4	17.15	17.24	17.15		
3	16QAM	8	7	16.94	17.15	17.25		
3	16QAM	15	0	17.06	17.21	17.04		
3	64QAM	1	0	16.95	17.02	17.09	18.1	0
3	64QAM	1	8	17.14	17.01	17.04		
3	64QAM	1	14	16.91	17.03	17.12		
3	64QAM	8	0	17.07	17.13	17.24	18.1	0
3	64QAM	8	4	16.82	17.01	17.02		
3	64QAM	8	7	17.01	17.00	16.90		
3	64QAM	15	0	16.96	17.05	17.14		
3	256QAM	1	0	17.16	16.99	17.21	18.1	0
3	256QAM	1	8	17.03	16.94	17.09		
3	256QAM	1	14	16.97	17.17	17.26		
3	256QAM	8	0	16.96	17.00	16.91	18.1	0
3	256QAM	8	4	17.15	17.03	17.15		
3	256QAM	8	7	17.03	17.09	16.91		
3	256QAM	15	0	17.03	17.10	17.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.15	17.31	17.07	18.1	0
1.4	QPSK	1	3	17.17	17.27	17.16		
1.4	QPSK	1	5	16.96	17.12	17.12		
1.4	QPSK	3	0	17.08	17.21	17.25		
1.4	QPSK	3	1	17.11	16.92	17.20		
1.4	QPSK	3	3	17.05	17.26	16.93		
1.4	QPSK	6	0	16.93	17.16	16.97	18.1	0
1.4	16QAM	1	0	17.14	17.15	17.05	18.1	0
1.4	16QAM	1	3	17.09	17.30	17.16		
1.4	16QAM	1	5	17.16	17.11	17.11		
1.4	16QAM	3	0	16.92	17.07	17.07		
1.4	16QAM	3	1	17.11	17.25	17.02		
1.4	16QAM	3	3	16.90	17.06	17.16		
1.4	16QAM	6	0	17.00	17.26	17.04	18.1	0
1.4	64QAM	1	0	16.94	17.08	17.21	18.1	0
1.4	64QAM	1	3	17.16	17.06	17.06		
1.4	64QAM	1	5	16.96	16.96	17.15		
1.4	64QAM	3	0	17.20	16.94	17.17		
1.4	64QAM	3	1	16.82	17.07	17.09		
1.4	64QAM	3	3	17.11	17.08	16.92		
1.4	64QAM	6	0	16.83	17.03	17.09	18.1	0
1.4	256QAM	1	0	17.15	17.09	17.20	18.1	0
1.4	256QAM	1	3	16.96	16.94	17.05		
1.4	256QAM	1	5	17.03	17.13	17.18		
1.4	256QAM	3	0	16.85	17.07	16.98		
1.4	256QAM	3	1	17.08	17.11	17.25		
1.4	256QAM	3	3	16.95	17.18	16.83		
1.4	256QAM	6	0	17.05	17.14	17.26	18.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.66	22.55	23.5	0
10	QPSK	1	25	22.35	22.37	22.49		
10	QPSK	1	49	22.25	22.36	22.43		
10	QPSK	25	0	22.41	22.58	22.54	23.5	0
10	QPSK	25	12	22.48	22.53	22.51		
10	QPSK	25	25	22.40	22.48	22.48		
10	QPSK	50	0	22.43	22.53	22.50		
10	16QAM	1	0	22.29	22.29	22.24	23.5	0
10	16QAM	1	25	22.22	22.16	22.26		
10	16QAM	1	49	22.24	22.12	22.27		
10	16QAM	25	0	22.08	21.95	22.15	23	0.5
10	16QAM	25	12	22.03	21.92	22.19		
10	16QAM	25	25	22.07	22.07	22.23		
10	16QAM	50	0	21.66	21.48	21.66		
10	64QAM	1	0	22.56	22.47	22.61	23.5	0
10	64QAM	1	25	22.49	22.55	22.52		
10	64QAM	1	49	22.37	22.64	22.59		
10	64QAM	25	0	21.91	21.87	22.03	23	0.5
10	64QAM	25	12	21.98	22.01	22.03		
10	64QAM	25	25	21.88	21.81	22.01		
10	64QAM	50	0	21.94	21.89	22.02		
10	256QAM	1	0	18.77	18.87	18.79	20	3.5
10	256QAM	1	25	18.61	18.68	18.69		
10	256QAM	1	49	18.61	18.81	18.80		
10	256QAM	25	0	18.67	18.72	18.69	20	3.5
10	256QAM	25	12	18.61	18.70	18.65		
10	256QAM	25	25	18.62	18.50	18.67		
10	256QAM	50	0	18.59	18.65	18.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.45	22.37	22.28	23.5	0
5	QPSK	1	12	22.39	22.41	22.31		
5	QPSK	1	24	22.38	22.29	22.54		
5	QPSK	12	0	22.26	22.32	22.47	23.5	0
5	QPSK	12	7	22.48	22.45	22.53		
5	QPSK	12	13	22.41	22.45	22.52		
5	QPSK	25	0	22.41	22.43	22.44		
5	16QAM	1	0	22.26	22.33	22.28	23.5	0
5	16QAM	1	12	22.32	22.17	22.38		
5	16QAM	1	24	22.11	22.15	22.31		
5	16QAM	12	0	22.09	21.92	22.09	23	0.5
5	16QAM	12	7	22.01	22.03	22.08		
5	16QAM	12	13	22.02	22.07	22.20		
5	16QAM	25	0	21.57	21.42	21.59		
5	64QAM	1	0	22.56	22.53	22.17	23.5	0
5	64QAM	1	12	22.59	22.57	22.41		
5	64QAM	1	24	22.53	22.30	22.50		
5	64QAM	12	0	22.05	22.08	22.06	23	0.5
5	64QAM	12	7	21.99	21.98	21.89		
5	64QAM	12	13	22.10	22.03	22.10		
5	64QAM	25	0	21.95	21.97	21.67		
5	256QAM	1	0	18.69	18.80	18.69	20	3.5
5	256QAM	1	12	18.62	18.63	18.63		
5	256QAM	1	24	18.57	18.78	18.76		
5	256QAM	12	0	18.61	18.68	18.60	20	3.5
5	256QAM	12	7	18.53	18.60	18.61		
5	256QAM	12	13	18.56	18.39	18.61		
5	256QAM	25	0	18.58	18.63	18.72		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.40	22.30	22.43	23.5	0
3	QPSK	1	8	22.43	22.37	22.48		
3	QPSK	1	14	22.35	22.36	22.46		
3	QPSK	8	0	22.47	22.34	22.45	23.5	0
3	QPSK	8	4	22.47	22.44	22.53		
3	QPSK	8	7	22.45	22.42	22.52		
3	QPSK	15	0	22.45	22.40	22.43		
3	16QAM	1	0	22.40	22.27	22.18	23.5	0
3	16QAM	1	8	22.29	22.31	22.33		
3	16QAM	1	14	22.11	22.21	22.38		
3	16QAM	8	0	22.09	22.02	22.09	23	0.5
3	16QAM	8	4	22.05	21.96	22.11		
3	16QAM	8	7	22.13	22.09	22.26		
3	16QAM	15	0	21.65	21.53	21.66		
3	64QAM	1	0	22.53	22.45	22.56	23.5	0
3	64QAM	1	8	22.56	22.50	22.63		
3	64QAM	1	14	22.51	22.47	22.60		
3	64QAM	8	0	21.96	21.87	21.96	23	0.5
3	64QAM	8	4	21.94	21.92	22.06		
3	64QAM	8	7	21.96	21.94	22.03		
3	64QAM	15	0	21.93	21.93	21.95		
3	256QAM	1	0	18.73	18.79	18.69	20	3.5
3	256QAM	1	8	18.53	18.60	18.67		
3	256QAM	1	14	18.56	18.70	18.74		
3	256QAM	8	0	18.60	18.68	18.68	20	3.5
3	256QAM	8	4	18.61	18.65	18.65		
3	256QAM	8	7	18.52	18.44	18.64		
3	256QAM	15	0	18.60	18.62	18.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.40	22.31	22.47	23.5	0
1.4	QPSK	1	3	22.42	22.38	22.51		
1.4	QPSK	1	5	22.36	22.33	22.47		
1.4	QPSK	3	0	22.41	22.35	22.49		
1.4	QPSK	3	1	22.44	22.38	22.49		
1.4	QPSK	3	3	22.39	22.39	22.49		
1.4	QPSK	6	0	22.44	22.35	22.50	23.5	0
1.4	16QAM	1	0	22.35	22.32	22.32	23.5	0
1.4	16QAM	1	3	22.24	22.30	22.30		
1.4	16QAM	1	5	22.14	22.22	22.26		
1.4	16QAM	3	0	22.16	22.23	22.06		
1.4	16QAM	3	1	22.09	22.31	22.20		
1.4	16QAM	3	3	22.11	22.28	22.20		
1.4	16QAM	6	0	21.47	21.38	21.66	23	0.5
1.4	64QAM	1	0	22.61	22.44	22.58	23.5	0
1.4	64QAM	1	3	22.48	22.51	22.64		
1.4	64QAM	1	5	22.50	22.53	22.65		
1.4	64QAM	3	0	22.51	22.40	22.36		
1.4	64QAM	3	1	22.51	22.45	22.43		
1.4	64QAM	3	3	22.48	22.48	22.49		
1.4	64QAM	6	0	21.96	21.87	22.01	23	0.5
1.4	256QAM	1	0	18.68	18.84	18.68	20	3.5
1.4	256QAM	1	3	18.52	18.67	18.64		
1.4	256QAM	1	5	18.57	18.79	18.70		
1.4	256QAM	3	0	18.62	18.69	18.61		
1.4	256QAM	3	1	18.50	18.63	18.57		
1.4	256QAM	3	3	18.57	18.48	18.60		
1.4	256QAM	6	0	18.48	18.54	18.60	20	3.5

Band 7 Ant1 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.43	17.55	17.38	18.5	0
20	QPSK	1	49	17.35	17.44	17.53		
20	QPSK	1	99	17.26	17.45	17.45		
20	QPSK	50	0	17.38	17.51	17.44	18.5	0
20	QPSK	50	24	17.40	17.42	17.50		
20	QPSK	50	50	17.31	17.43	17.34		
20	QPSK	100	0	17.25	17.49	17.29		
20	16QAM	1	0	17.40	17.44	17.48	18.5	0
20	16QAM	1	49	17.30	17.47	17.34		
20	16QAM	1	99	17.30	17.43	17.47		
20	16QAM	50	0	17.42	17.48	17.40	18.5	0
20	16QAM	50	24	17.35	17.30	17.47		
20	16QAM	50	50	17.25	17.43	17.44		
20	16QAM	100	0	17.30	17.37	17.39		
20	64QAM	1	0	17.34	17.44	17.45	18.5	0
20	64QAM	1	49	17.42	17.34	17.42		
20	64QAM	1	99	17.23	17.31	17.35		
20	64QAM	50	0	17.39	17.27	17.34	18.5	0
20	64QAM	50	24	17.32	17.36	17.44		
20	64QAM	50	50	17.37	17.45	17.36		
20	64QAM	100	0	17.33	17.41	17.47		
20	256QAM	1	0	17.41	17.40	17.48	18.5	0
20	256QAM	1	49	17.36	17.29	17.41		
20	256QAM	1	99	17.33	17.45	17.24		
20	256QAM	50	0	17.23	17.38	17.29	18.5	0
20	256QAM	50	24	17.38	17.44	17.20		
20	256QAM	50	50	17.28	17.43	17.34		
20	256QAM	100	0	17.36	17.46	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.32	17.50	17.29	18.5	0
15	QPSK	1	37	17.23	17.38	17.38		
15	QPSK	1	74	17.19	17.33	17.35		
15	QPSK	36	0	17.26	17.42	17.36	18.5	0
15	QPSK	36	20	17.25	17.32	17.39		
15	QPSK	36	39	17.25	17.33	17.23		
15	QPSK	75	0	17.12	17.36	17.21		
15	16QAM	1	0	17.34	17.35	17.40	18.5	0
15	16QAM	1	37	17.26	17.32	17.28		
15	16QAM	1	74	17.25	17.31	17.42		
15	16QAM	36	0	17.34	17.42	17.29	18.5	0
15	16QAM	36	20	17.22	17.22	17.32		
15	16QAM	36	39	17.17	17.33	17.37		
15	16QAM	75	0	17.19	17.27	17.31		
15	64QAM	1	0	17.24	17.33	17.34	18.5	0
15	64QAM	1	37	17.36	17.23	17.34		
15	64QAM	1	74	17.10	17.22	17.30		
15	64QAM	36	0	17.33	17.22	17.23	18.5	0
15	64QAM	36	20	17.24	17.20	17.29		
15	64QAM	36	39	17.32	17.32	17.29		
15	64QAM	75	0	17.29	17.31	17.35		
15	256QAM	1	0	17.25	17.28	17.35	18.5	0
15	256QAM	1	37	17.21	17.20	17.37		
15	256QAM	1	74	17.18	17.34	17.09		
15	256QAM	36	0	17.08	17.31	17.20	18.5	0
15	256QAM	36	20	17.27	17.39	17.13		
15	256QAM	36	39	17.22	17.32	17.21		
15	256QAM	75	0	17.24	17.36	17.32		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.35	17.42	17.24	18.5	0
10	QPSK	1	25	17.30	17.37	17.37		
10	QPSK	1	49	17.13	17.40	17.30		
10	QPSK	25	0	17.25	17.46	17.39	18.5	0
10	QPSK	25	12	17.25	17.37	17.34		
10	QPSK	25	25	17.18	17.38	17.26		
10	QPSK	50	0	17.21	17.37	17.24		
10	16QAM	1	0	17.26	17.37	17.38	18.5	0
10	16QAM	1	25	17.24	17.32	17.22		
10	16QAM	1	49	17.23	17.37	17.37		
10	16QAM	25	0	17.34	17.40	17.29	18.5	0
10	16QAM	25	12	17.20	17.22	17.37		
10	16QAM	25	25	17.12	17.33	17.28		
10	16QAM	50	0	17.14	17.26	17.31		
10	64QAM	1	0	17.23	17.28	17.32	18.5	0
10	64QAM	1	25	17.30	17.24	17.33		
10	64QAM	1	49	17.18	17.19	17.27		
10	64QAM	25	0	17.26	17.23	17.22	18.5	0
10	64QAM	25	12	17.20	17.23	17.33		
10	64QAM	25	25	17.30	17.39	17.22		
10	64QAM	50	0	17.20	17.29	17.41		
10	256QAM	1	0	17.32	17.29	17.40	18.5	0
10	256QAM	1	25	17.23	17.17	17.30		
10	256QAM	1	49	17.29	17.39	17.18		
10	256QAM	25	0	17.11	17.28	17.24	18.5	0
10	256QAM	25	12	17.29	17.37	17.09		
10	256QAM	25	25	17.20	17.31	17.19		
10	256QAM	50	0	17.21	17.38	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.29	17.46	17.31	18.5	0
5	QPSK	1	12	17.21	17.35	17.37		
5	QPSK	1	24	17.10	17.29	17.35		
5	QPSK	12	0	17.25	17.36	17.35	18.5	0
5	QPSK	12	7	17.34	17.38	17.37		
5	QPSK	12	13	17.23	17.35	17.24		
5	QPSK	25	0	17.18	17.34	17.24		
5	16QAM	1	0	17.30	17.30	17.41	18.5	0
5	16QAM	1	12	17.24	17.33	17.23		
5	16QAM	1	24	17.21	17.30	17.42		
5	16QAM	12	0	17.30	17.33	17.25	18.5	0
5	16QAM	12	7	17.30	17.16	17.41		
5	16QAM	12	13	17.13	17.36	17.37		
5	16QAM	25	0	17.25	17.27	17.33		
5	64QAM	1	0	17.21	17.40	17.39	18.5	0
5	64QAM	1	12	17.30	17.27	17.26		
5	64QAM	1	24	17.17	17.17	17.26		
5	64QAM	12	0	17.27	17.18	17.21	18.5	0
5	64QAM	12	7	17.20	17.26	17.30		
5	64QAM	12	13	17.26	17.40	17.28		
5	64QAM	25	0	17.27	17.30	17.42		
5	256QAM	1	0	17.36	17.35	17.35	18.5	0
5	256QAM	1	12	17.29	17.19	17.31		
5	256QAM	1	24	17.26	17.31	17.09		
5	256QAM	12	0	17.11	17.26	17.22	18.5	0
5	256QAM	12	7	17.24	17.32	17.07		
5	256QAM	12	13	17.13	17.37	17.29		
5	256QAM	25	0	17.21	17.31	17.41		

Band 12 Ant1 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.29	24.38	24.34	25	0
10	QPSK	1	25	24.21	24.26	24.22		
10	QPSK	1	49	24.23	24.30	24.10		
10	QPSK	25	0	23.31	23.41	23.34	24	1
10	QPSK	25	12	23.37	23.31	23.33		
10	QPSK	25	25	23.40	23.37	23.28		
10	QPSK	50	0	23.35	23.37	23.36		
10	16QAM	1	0	23.39	23.47	23.53	24	1
10	16QAM	1	25	23.41	23.39	23.37		
10	16QAM	1	49	23.45	23.21	23.29		
10	16QAM	25	0	22.26	22.34	22.27	23	2
10	16QAM	25	12	22.37	22.31	22.28		
10	16QAM	25	25	22.23	22.41	22.35		
10	16QAM	50	0	22.40	22.32	22.41		
10	64QAM	1	0	22.33	22.43	22.36	23	2
10	64QAM	1	25	22.44	22.35	22.53		
10	64QAM	1	49	22.46	22.25	22.35		
10	64QAM	25	0	21.33	21.27	21.35	22	3
10	64QAM	25	12	21.40	21.31	21.26		
10	64QAM	25	25	21.38	21.36	21.31		
10	64QAM	50	0	21.35	21.31	21.33		
10	256QAM	1	0	19.33	19.28	19.35	20	5
10	256QAM	1	25	19.49	19.50	19.33		
10	256QAM	1	49	19.56	19.48	19.38		
10	256QAM	25	0	19.27	19.32	19.36	20	5
10	256QAM	25	12	19.39	19.26	19.27		
10	256QAM	25	25	19.35	19.33	19.33		
10	256QAM	50	0	19.33	19.29	19.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.28	24.30	24.19	25	0
5	QPSK	1	12	24.29	24.28	24.35		
5	QPSK	1	24	24.08	24.18	24.23		
5	QPSK	12	0	23.38	23.30	23.34	24	1
5	QPSK	12	7	23.36	23.36	23.47		
5	QPSK	12	13	23.21	23.27	23.18		
5	QPSK	25	0	23.31	23.25	23.29		
5	16QAM	1	0	23.49	23.39	23.35	24	1
5	16QAM	1	12	23.49	23.47	23.56		
5	16QAM	1	24	23.47	23.41	23.34		
5	16QAM	12	0	22.34	22.34	22.40	23	2
5	16QAM	12	7	22.35	22.39	22.36		
5	16QAM	12	13	22.21	22.31	22.40		
5	16QAM	25	0	22.17	22.29	22.18		
5	64QAM	1	0	22.34	22.38	22.31	23	2
5	64QAM	1	12	22.38	22.47	22.45		
5	64QAM	1	24	22.36	22.29	22.32		
5	64QAM	12	0	21.29	21.30	21.38	22	3
5	64QAM	12	7	21.26	21.33	21.38		
5	64QAM	12	13	21.47	21.36	21.43		
5	64QAM	25	0	21.15	21.23	21.16		
5	256QAM	1	0	19.44	19.36	19.35	20	5
5	256QAM	1	12	19.47	19.48	19.46		
5	256QAM	1	24	19.41	19.32	19.23		
5	256QAM	12	0	19.39	19.29	19.41	20	5
5	256QAM	12	7	19.41	19.41	19.43		
5	256QAM	12	13	19.45	19.33	19.33		
5	256QAM	25	0	19.32	19.25	19.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.35	24.29	24.26	25	0
3	QPSK	1	8	24.30	24.28	24.32		
3	QPSK	1	14	24.04	24.12	24.19		
3	QPSK	8	0	23.37	23.28	23.26	24	1
3	QPSK	8	4	23.35	23.35	23.33		
3	QPSK	8	7	23.31	23.37	23.47		
3	QPSK	15	0	23.41	23.32	23.37		
3	16QAM	1	0	23.19	23.27	23.30	24	1
3	16QAM	1	8	23.45	23.51	23.20		
3	16QAM	1	14	23.38	23.29	23.24		
3	16QAM	8	0	22.37	22.29	22.17	23	2
3	16QAM	8	4	22.46	22.41	22.51		
3	16QAM	8	7	22.37	22.39	22.50		
3	16QAM	15	0	22.44	22.34	22.44		
3	64QAM	1	0	22.34	22.35	22.42	23	2
3	64QAM	1	8	22.71	22.59	22.69		
3	64QAM	1	14	22.35	22.44	22.46		
3	64QAM	8	0	21.45	21.41	21.29	22	3
3	64QAM	8	4	21.49	21.52	21.53		
3	64QAM	8	7	21.24	21.32	21.25		
3	64QAM	15	0	21.19	21.30	21.32		
3	256QAM	1	0	19.40	19.35	19.45	20	5
3	256QAM	1	8	19.38	19.46	19.55		
3	256QAM	1	14	19.38	19.33	19.31		
3	256QAM	8	0	19.30	19.34	19.26	20	5
3	256QAM	8	4	19.41	19.42	19.54		
3	256QAM	8	7	19.39	19.38	19.37		
3	256QAM	15	0	19.45	19.33	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.19	24.34	25	0
1.4	QPSK	1	3	24.20	24.24	24.08		
1.4	QPSK	1	5	24.02	24.15	23.90		
1.4	QPSK	3	0	24.12	24.16	24.09		
1.4	QPSK	3	1	24.15	24.27	24.13		
1.4	QPSK	3	3	23.88	24.01	24.03		
1.4	QPSK	6	0	23.18	23.13	23.29	24	1
1.4	16QAM	1	0	23.22	23.15	23.35	24	1
1.4	16QAM	1	3	23.05	23.20	23.17		
1.4	16QAM	1	5	23.24	23.05	23.25		
1.4	16QAM	3	0	23.44	23.34	23.14		
1.4	16QAM	3	1	23.29	23.31	23.51		
1.4	16QAM	3	3	23.28	23.36	23.29		
1.4	16QAM	6	0	22.32	22.15	22.41	23	2
1.4	64QAM	1	0	22.35	22.23	22.28	23	2
1.4	64QAM	1	3	22.31	22.20	22.25		
1.4	64QAM	1	5	22.06	22.25	22.18		
1.4	64QAM	3	0	22.19	22.24	22.29		
1.4	64QAM	3	1	22.38	22.48	22.45		
1.4	64QAM	3	3	22.33	22.15	22.26		
1.4	64QAM	6	0	21.30	21.16	21.26	22	3
1.4	256QAM	1	0	19.37	19.16	19.15	20	5
1.4	256QAM	1	3	19.25	19.26	19.24		
1.4	256QAM	1	5	19.41	19.31	19.02		
1.4	256QAM	3	0	19.20	19.26	19.24		
1.4	256QAM	3	1	19.37	19.26	19.39		
1.4	256QAM	3	3	19.37	19.27	19.14		
1.4	256QAM	6	0	19.22	19.10	19.05	20	5

Band 13 Ant1 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.33		25	0
10	QPSK	1	25		24.24			
10	QPSK	1	49		24.31			
10	QPSK	25	0		23.41		24	1
10	QPSK	25	12		23.36			
10	QPSK	25	25		23.37			
10	QPSK	50	0		23.27			
10	16QAM	1	0		23.21		24	1
10	16QAM	1	25		23.67			
10	16QAM	1	49		23.34			
10	16QAM	25	0		22.31		23	2
10	16QAM	25	12		22.34			
10	16QAM	25	25		22.32			
10	16QAM	50	0		22.25			
10	64QAM	1	0		22.49		23	2
10	64QAM	1	25		22.54			
10	64QAM	1	49		22.31			
10	64QAM	25	0		21.39		22	3
10	64QAM	25	12		21.34			
10	64QAM	25	25		21.32			
10	64QAM	50	0		21.27			
10	256QAM	1	0		19.42		20	5
10	256QAM	1	25		19.44			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.40		20	5
10	256QAM	25	12		19.30			
10	256QAM	25	25		19.34			
10	256QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.12	24.20	24.14	25	0
5	QPSK	1	12	24.11	24.13	24.11		
5	QPSK	1	24	24.18	24.27	24.29		
5	QPSK	12	0	23.36	23.26	23.30	24	1
5	QPSK	12	7	23.34	23.32	23.15		
5	QPSK	12	13	23.20	23.31	23.26		
5	QPSK	25	0	23.10	23.18	23.13		
5	16QAM	1	0	23.22	23.14	23.18	24	1
5	16QAM	1	12	23.56	23.52	23.64		
5	16QAM	1	24	23.22	23.19	23.30		
5	16QAM	12	0	22.19	22.26	22.09	23	2
5	16QAM	12	7	22.13	22.27	22.12		
5	16QAM	12	13	22.17	22.18	22.20		
5	16QAM	25	0	22.07	22.21	22.16		
5	64QAM	1	0	22.32	22.29	22.32	23	2
5	64QAM	1	12	22.45	22.38	22.38		
5	64QAM	1	24	22.16	22.17	22.19		
5	64QAM	12	0	21.21	21.18	21.19	22	3
5	64QAM	12	7	21.19	21.29	21.28		
5	64QAM	12	13	21.14	21.26	21.20		
5	64QAM	25	0	21.06	21.07	21.12		
5	256QAM	1	0	19.36	19.26	19.35	20	5
5	256QAM	1	12	19.28	19.25	19.41		
5	256QAM	1	24	19.36	19.32	19.47		
5	256QAM	12	0	19.28	19.24	19.30	20	5
5	256QAM	12	7	19.13	19.26	19.09		
5	256QAM	12	13	19.24	19.31	19.28		
5	256QAM	25	0	19.29	19.15	19.28		

Band 66 Ant1 DSI2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.29	17.53	17.19	18.1	0
20	QPSK	1	49	17.28	17.41	17.41		
20	QPSK	1	99	17.22	17.22	17.29		
20	QPSK	50	0	17.19	17.51	17.44	18.1	0
20	QPSK	50	24	17.23	17.22	17.32		
20	QPSK	50	50	17.21	17.40	17.14		
20	QPSK	100	0	17.16	17.35	17.18		
20	16QAM	1	0	17.37	17.28	17.34	18.1	0
20	16QAM	1	49	17.27	17.44	17.35		
20	16QAM	1	99	17.32	17.24	17.34		
20	16QAM	50	0	17.21	17.28	17.19	18.1	0
20	16QAM	50	24	17.30	17.38	17.31		
20	16QAM	50	50	17.15	17.29	17.46		
20	16QAM	100	0	17.27	17.38	17.32		
20	64QAM	1	0	17.22	17.31	17.31	18.1	0
20	64QAM	1	49	17.44	17.27	17.27		
20	64QAM	1	99	17.09	17.25	17.35		
20	64QAM	50	0	17.37	17.24	17.34	18.1	0
20	64QAM	50	24	17.11	17.24	17.31		
20	64QAM	50	50	17.29	17.26	17.18		
20	64QAM	100	0	17.11	17.32	17.31		
20	256QAM	1	0	17.28	17.25	17.43	18.1	0
20	256QAM	1	49	17.26	17.15	17.31		
20	256QAM	1	99	17.15	17.36	17.43		
20	256QAM	50	0	17.12	17.30	17.14	18.1	0
20	256QAM	50	24	17.32	17.23	17.39		
20	256QAM	50	50	17.23	17.35	17.12		
20	256QAM	100	0	17.18	17.27	17.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.13	17.40	16.99	18.1	0
15	QPSK	1	37	17.08	17.20	17.22		
15	QPSK	1	74	17.10	17.02	17.25		
15	QPSK	36	0	17.17	17.35	17.37	18.1	0
15	QPSK	36	20	17.10	17.21	17.11		
15	QPSK	36	39	17.12	17.25	17.03		
15	QPSK	75	0	17.08	17.24	17.01		
15	16QAM	1	0	17.27	17.25	17.28	18.1	0
15	16QAM	1	37	17.22	17.23	17.22		
15	16QAM	1	74	17.19	17.18	17.16		
15	16QAM	36	0	17.10	17.18	16.99	18.1	0
15	16QAM	36	20	17.15	17.26	17.24		
15	16QAM	36	39	16.98	17.26	17.30		
15	16QAM	75	0	17.22	17.29	17.28		
15	64QAM	1	0	17.10	17.10	17.15	18.1	0
15	64QAM	1	37	17.37	17.20	17.15		
15	64QAM	1	74	17.06	17.18	17.15		
15	64QAM	36	0	17.16	17.08	17.23	18.1	0
15	64QAM	36	20	16.91	17.05	17.18		
15	64QAM	36	39	17.23	17.16	17.00		
15	64QAM	75	0	17.01	17.15	17.15		
15	256QAM	1	0	17.14	17.07	17.26	18.1	0
15	256QAM	1	37	17.08	17.13	17.19		
15	256QAM	1	74	17.04	17.33	17.34		
15	256QAM	36	0	17.08	17.27	17.03	18.1	0
15	256QAM	36	20	17.30	17.18	17.19		
15	256QAM	36	39	17.05	17.31	17.09		
15	256QAM	75	0	17.04	17.14	17.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.24	17.37	17.03	18.1	0
10	QPSK	1	25	17.23	17.27	17.24		
10	QPSK	1	49	17.20	17.10	17.15		
10	QPSK	25	0	17.14	17.35	17.32	18.1	0
10	QPSK	25	12	17.17	17.04	17.19		
10	QPSK	25	25	17.10	17.28	16.93		
10	QPSK	50	0	17.02	17.32	17.10		
10	16QAM	1	0	17.18	17.11	17.13	18.1	0
10	16QAM	1	25	17.23	17.38	17.17		
10	16QAM	1	49	17.25	17.22	17.19		
10	16QAM	25	0	17.01	17.26	17.13	18.1	0
10	16QAM	25	12	17.24	17.28	17.10		
10	16QAM	25	25	17.00	17.28	17.40		
10	16QAM	50	0	17.15	17.36	17.20		
10	64QAM	1	0	17.07	17.15	17.11	18.1	0
10	64QAM	1	25	17.35	17.19	17.21		
10	64QAM	1	49	16.90	17.17	17.18		
10	64QAM	25	0	17.22	17.11	17.19	18.1	0
10	64QAM	25	12	16.98	17.09	17.27		
10	64QAM	25	25	17.21	17.25	17.07		
10	64QAM	50	0	16.98	17.12	17.10		
10	256QAM	1	0	17.08	17.20	17.34	18.1	0
10	256QAM	1	25	17.07	17.01	17.11		
10	256QAM	1	49	17.03	17.31	17.29		
10	256QAM	25	0	16.99	17.29	17.11	18.1	0
10	256QAM	25	12	17.18	17.18	17.38		
10	256QAM	25	25	17.14	17.24	17.11		
10	256QAM	50	0	17.07	17.23	17.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.14	17.43	17.14	18.1	0
5	QPSK	1	12	17.20	17.21	17.31		
5	QPSK	1	24	17.18	17.17	17.11		
5	QPSK	12	0	17.03	17.42	17.35	18.1	0
5	QPSK	12	7	17.18	17.04	17.19		
5	QPSK	12	13	17.14	17.35	17.09		
5	QPSK	25	0	17.06	17.30	16.99		
5	16QAM	1	0	17.25	17.07	17.22	18.1	0
5	16QAM	1	12	17.23	17.25	17.18		
5	16QAM	1	24	17.28	17.17	17.30		
5	16QAM	12	0	17.06	17.15	17.03	18.1	0
5	16QAM	12	7	17.19	17.18	17.10		
5	16QAM	12	13	16.95	17.18	17.26		
5	16QAM	25	0	17.07	17.19	17.20		
5	64QAM	1	0	17.09	17.24	17.24	18.1	0
5	64QAM	1	12	17.26	17.13	17.23		
5	64QAM	1	24	17.04	17.09	17.34		
5	64QAM	12	0	17.19	17.13	17.20	18.1	0
5	64QAM	12	7	17.01	17.18	17.12		
5	64QAM	12	13	17.08	17.13	16.98		
5	64QAM	25	0	17.00	17.13	17.26		
5	256QAM	1	0	17.11	17.09	17.30	18.1	0
5	256QAM	1	12	17.16	17.11	17.12		
5	256QAM	1	24	17.03	17.18	17.36		
5	256QAM	12	0	16.93	17.14	17.00	18.1	0
5	256QAM	12	7	17.20	17.16	17.20		
5	256QAM	12	13	17.04	17.29	16.97		
5	256QAM	25	0	17.12	17.19	17.26		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.13	17.34	17.07	18.1	0
3	QPSK	1	8	17.19	17.29	17.33		
3	QPSK	1	14	17.16	17.14	17.25		
3	QPSK	8	0	17.04	17.34	17.42	18.1	0
3	QPSK	8	4	17.11	17.12	17.13		
3	QPSK	8	7	17.20	17.31	17.03		
3	QPSK	15	0	16.96	17.17	17.05		
3	16QAM	1	0	17.19	17.14	17.27	18.1	0
3	16QAM	1	8	17.15	17.40	17.23		
3	16QAM	1	14	17.28	17.11	17.26		
3	16QAM	8	0	17.04	17.16	17.17	18.1	0
3	16QAM	8	4	17.18	17.30	17.20		
3	16QAM	8	7	16.97	17.08	17.26		
3	16QAM	15	0	17.10	17.27	17.21		
3	64QAM	1	0	17.15	17.22	17.26	18.1	0
3	64QAM	1	8	17.39	17.17	17.22		
3	64QAM	1	14	16.97	17.14	17.17		
3	64QAM	8	0	17.24	17.21	17.14	18.1	0
3	64QAM	8	4	16.93	17.09	17.29		
3	64QAM	8	7	17.21	17.16	17.05		
3	64QAM	15	0	17.05	17.31	17.27		
3	256QAM	1	0	17.23	17.06	17.26	18.1	0
3	256QAM	1	8	17.21	17.03	17.15		
3	256QAM	1	14	16.95	17.21	17.36		
3	256QAM	8	0	17.05	17.28	17.10	18.1	0
3	256QAM	8	4	17.15	17.08	17.28		
3	256QAM	8	7	17.16	17.22	16.98		
3	256QAM	15	0	17.13	17.09	17.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.11	17.33	17.08	18.1	0
1.4	QPSK	1	3	17.13	17.28	17.23		
1.4	QPSK	1	5	17.06	17.16	17.18		
1.4	QPSK	3	0	17.14	17.45	17.23		
1.4	QPSK	3	1	17.20	17.19	17.13		
1.4	QPSK	3	3	17.13	17.34	17.04		
1.4	QPSK	6	0	17.14	17.28	17.00	18.1	0
1.4	16QAM	1	0	17.33	17.24	17.18	18.1	0
1.4	16QAM	1	3	17.10	17.33	17.29		
1.4	16QAM	1	5	17.29	17.13	17.26		
1.4	16QAM	3	0	17.17	17.25	17.06		
1.4	16QAM	3	1	17.15	17.21	17.21		
1.4	16QAM	3	3	17.12	17.21	17.44		
1.4	16QAM	6	0	17.11	17.27	17.24	18.1	0
1.4	64QAM	1	0	17.12	17.30	17.29	18.1	0
1.4	64QAM	1	3	17.34	17.20	17.22		
1.4	64QAM	1	5	16.91	17.05	17.30		
1.4	64QAM	3	0	17.16	17.07	17.28		
1.4	64QAM	3	1	17.03	17.21	17.17		
1.4	64QAM	3	3	17.20	17.08	17.11		
1.4	64QAM	6	0	16.97	17.18	17.18	18.1	0
1.4	256QAM	1	0	17.15	17.21	17.39	18.1	0
1.4	256QAM	1	3	17.05	17.13	17.28		
1.4	256QAM	1	5	17.11	17.29	17.35		
1.4	256QAM	3	0	16.99	17.22	16.99		
1.4	256QAM	3	1	17.29	17.13	17.23		
1.4	256QAM	3	3	17.05	17.27	17.07		
1.4	256QAM	6	0	17.02	17.18	17.30	18.1	0

Band 2 Ant 1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.09	16.19	15.96	16.6	0
20	QPSK	1	49	16.00	16.05	16.11		
20	QPSK	1	99	15.88	16.01	15.98		
20	QPSK	50	0	15.88	16.14	16.13	16.6	0
20	QPSK	50	24	16.00	15.97	16.05		
20	QPSK	50	50	15.94	16.08	15.84		
20	QPSK	100	0	15.88	16.11	15.85		
20	16QAM	1	0	15.99	15.93	16.05	16.6	0
20	16QAM	1	49	15.92	16.06	15.96		
20	16QAM	1	99	15.96	16.08	16.04		
20	16QAM	50	0	15.98	16.09	15.93	16.6	0
20	16QAM	50	24	16.00	16.07	15.97		
20	16QAM	50	50	15.94	16.02	16.01		
20	16QAM	100	0	15.92	16.02	16.07		
20	64QAM	1	0	15.96	16.01	15.99	16.6	0
20	64QAM	1	49	16.03	15.91	16.02		
20	64QAM	1	99	15.79	15.89	16.08		
20	64QAM	50	0	15.95	15.90	16.04	16.6	0
20	64QAM	50	24	15.93	15.98	15.97		
20	64QAM	50	50	15.90	16.06	15.96		
20	64QAM	100	0	15.87	16.10	16.01		
20	256QAM	1	0	16.05	16.04	16.05	16.6	0
20	256QAM	1	49	15.91	15.98	16.04		
20	256QAM	1	99	15.98	16.04	16.09		
20	256QAM	50	0	15.88	15.99	15.94	16.6	0
20	256QAM	50	24	16.08	15.97	16.05		
20	256QAM	50	50	15.85	16.06	15.86		
20	256QAM	100	0	15.97	16.01	16.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.96	16.10	15.88	16.6	0
15	QPSK	1	37	15.88	15.91	16.00		
15	QPSK	1	74	15.82	15.95	15.87		
15	QPSK	36	0	15.73	15.99	16.07	16.6	0
15	QPSK	36	20	15.85	15.81	15.89		
15	QPSK	36	39	15.82	15.99	15.79		
15	QPSK	75	0	15.77	16.04	15.81		
15	16QAM	1	0	15.85	15.83	15.91	16.6	0
15	16QAM	1	37	15.78	16.00	15.90		
15	16QAM	1	74	15.91	15.96	15.88		
15	16QAM	36	0	15.93	16.03	15.80	16.6	0
15	16QAM	36	20	15.96	15.97	15.86		
15	16QAM	36	39	15.85	15.88	15.90		
15	16QAM	75	0	15.82	15.99	15.96		
15	64QAM	1	0	15.86	15.95	15.93	16.6	0
15	64QAM	1	37	15.98	15.84	15.91		
15	64QAM	1	74	15.69	15.74	16.03		
15	64QAM	36	0	15.85	15.75	15.96	16.6	0
15	64QAM	36	20	15.88	15.88	15.84		
15	64QAM	36	39	15.82	15.98	15.91		
15	64QAM	75	0	15.76	16.02	15.88		
15	256QAM	1	0	16.00	15.95	15.97	16.6	0
15	256QAM	1	37	15.83	15.91	15.92		
15	256QAM	1	74	15.87	15.93	15.93		
15	256QAM	36	0	15.83	15.94	15.86	16.6	0
15	256QAM	36	20	16.03	15.92	15.94		
15	256QAM	36	39	15.75	15.92	15.82		
15	256QAM	75	0	15.92	15.86	15.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.05	16.03	15.84	16.6	0
10	QPSK	1	25	15.86	15.94	15.97		
10	QPSK	1	49	15.79	15.94	15.94		
10	QPSK	25	0	15.83	16.01	16.06	16.6	0
10	QPSK	25	12	15.87	15.82	15.99		
10	QPSK	25	25	15.87	15.99	15.72		
10	QPSK	50	0	15.79	16.03	15.71		
10	16QAM	1	0	15.93	15.77	16.01	16.6	0
10	16QAM	1	25	15.85	15.92	15.92		
10	16QAM	1	49	15.82	16.00	15.92		
10	16QAM	25	0	15.87	16.04	15.84	16.6	0
10	16QAM	25	12	15.91	15.91	15.83		
10	16QAM	25	25	15.86	15.95	15.89		
10	16QAM	50	0	15.78	15.91	15.93		
10	64QAM	1	0	15.90	15.92	15.86	16.6	0
10	64QAM	1	25	15.99	15.82	15.97		
10	64QAM	1	49	15.72	15.82	15.99		
10	64QAM	25	0	15.89	15.82	15.92	16.6	0
10	64QAM	25	12	15.80	15.94	15.87		
10	64QAM	25	25	15.76	15.91	15.81		
10	64QAM	50	0	15.72	16.03	15.86		
10	256QAM	1	0	15.96	15.97	15.98	16.6	0
10	256QAM	1	25	15.83	15.85	15.97		
10	256QAM	1	49	15.87	15.99	16.04		
10	256QAM	25	0	15.75	15.90	15.83	16.6	0
10	256QAM	25	12	15.95	15.84	15.91		
10	256QAM	25	25	15.74	16.01	15.81		
10	256QAM	50	0	15.86	15.86	16.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.99	16.14	15.89	16.6	0
5	QPSK	1	12	15.90	15.97	15.96		
5	QPSK	1	24	15.76	15.93	15.93		
5	QPSK	12	0	15.73	16.03	15.96	16.6	0
5	QPSK	12	7	15.96	15.81	15.92		
5	QPSK	12	13	15.79	15.93	15.70		
5	QPSK	25	0	15.74	16.07	15.79		
5	16QAM	1	0	15.87	15.80	15.95	16.6	0
5	16QAM	1	12	15.88	15.99	15.87		
5	16QAM	1	24	15.92	16.03	15.93		
5	16QAM	12	0	15.93	16.00	15.85	16.6	0
5	16QAM	12	7	15.94	16.02	15.93		
5	16QAM	12	13	15.78	15.98	15.96		
5	16QAM	25	0	15.85	15.91	16.03		
5	64QAM	1	0	15.81	15.87	15.92	16.6	0
5	64QAM	1	12	15.96	15.76	15.95		
5	64QAM	1	24	15.64	15.83	16.01		
5	64QAM	12	0	15.86	15.84	15.95	16.6	0
5	64QAM	12	7	15.79	15.85	15.91		
5	64QAM	12	13	15.64	15.94	15.90		
5	64QAM	25	0	15.77	15.96	15.96		
5	256QAM	1	0	16.00	15.91	15.91	16.6	0
5	256QAM	1	12	15.80	15.87	15.92		
5	256QAM	1	24	15.92	15.99	15.99		
5	256QAM	12	0	15.78	15.91	15.82	16.6	0
5	256QAM	12	7	16.03	15.86	15.90		
5	256QAM	12	13	15.74	15.96	15.80		
5	256QAM	25	0	15.82	15.87	15.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.03	16.12	15.81	16.6	0
3	QPSK	1	8	15.91	15.94	15.96		
3	QPSK	1	14	15.83	15.88	15.91		
3	QPSK	8	0	15.72	16.05	16.06	16.6	0
3	QPSK	8	4	15.90	15.91	15.92		
3	QPSK	8	7	15.82	15.92	15.79		
3	QPSK	15	0	15.73	16.04	15.79		
3	16QAM	1	0	15.91	15.78	15.95	16.6	0
3	16QAM	1	8	15.84	15.97	15.84		
3	16QAM	1	14	15.86	15.99	15.88		
3	16QAM	8	0	15.84	16.04	15.86	16.6	0
3	16QAM	8	4	15.90	16.02	15.89		
3	16QAM	8	7	15.83	15.96	15.85		
3	16QAM	15	0	15.82	15.95	16.01		
3	64QAM	1	0	15.86	15.86	15.83	16.6	0
3	64QAM	1	8	15.89	15.79	15.90		
3	64QAM	1	14	15.67	15.77	15.99		
3	64QAM	8	0	15.85	15.80	15.94	16.6	0
3	64QAM	8	4	15.82	15.93	15.81		
3	64QAM	8	7	15.80	15.90	15.85		
3	64QAM	15	0	15.81	16.01	15.90		
3	256QAM	1	0	15.91	15.95	15.97	16.6	0
3	256QAM	1	8	15.78	15.87	16.00		
3	256QAM	1	14	15.88	15.99	16.02		
3	256QAM	8	0	15.79	15.89	15.83	16.6	0
3	256QAM	8	4	15.98	15.84	15.97		
3	256QAM	8	7	15.76	15.91	15.71		
3	256QAM	15	0	15.83	15.86	15.89		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.00	16.12	15.90	16.6	0
1.4	QPSK	1	3	15.93	15.97	16.02		
1.4	QPSK	1	5	15.74	15.88	15.92		
1.4	QPSK	3	0	15.72	16.06	16.06		
1.4	QPSK	3	1	15.91	15.93	15.98		
1.4	QPSK	3	3	15.82	16.03	15.69		
1.4	QPSK	6	0	15.79	16.07	15.75	16.6	0
1.4	16QAM	1	0	15.84	15.85	15.92	16.6	0
1.4	16QAM	1	3	15.77	15.93	15.85		
1.4	16QAM	1	5	15.82	16.03	15.88		
1.4	16QAM	3	0	15.93	16.00	15.87		
1.4	16QAM	3	1	15.86	16.00	15.90		
1.4	16QAM	3	3	15.83	15.93	15.92		
1.4	16QAM	6	0	15.81	15.97	15.99	16.6	0
1.4	64QAM	1	0	15.84	15.92	15.94	16.6	0
1.4	64QAM	1	3	15.96	15.81	15.90		
1.4	64QAM	1	5	15.69	15.73	16.03		
1.4	64QAM	3	0	15.88	15.75	15.97		
1.4	64QAM	3	1	15.81	15.91	15.82		
1.4	64QAM	3	3	15.74	16.01	15.82		
1.4	64QAM	6	0	15.76	16.04	15.93	16.6	0
1.4	256QAM	1	0	15.97	15.96	15.93	16.6	0
1.4	256QAM	1	3	15.82	15.86	15.99		
1.4	256QAM	1	5	15.89	15.95	16.00		
1.4	256QAM	3	0	15.78	15.87	15.79		
1.4	256QAM	3	1	15.97	15.85	15.91		
1.4	256QAM	3	3	15.74	16.00	15.80		
1.4	256QAM	6	0	15.82	15.85	15.88	16.6	0

Band 4 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.61	15.89	15.73	16.8	0
20	QPSK	1	49	15.42	15.54	15.51		
20	QPSK	1	99	15.65	15.48	15.58		
20	QPSK	50	0	15.42	15.72	15.55	16.8	0
20	QPSK	50	24	15.54	15.44	15.48		
20	QPSK	50	50	15.51	15.52	15.41		
20	QPSK	100	0	15.32	15.64	15.41		
20	16QAM	1	0	15.39	15.37	15.59	16.8	0
20	16QAM	1	49	15.49	15.56	15.42		
20	16QAM	1	99	15.41	15.50	15.71		
20	16QAM	50	0	15.56	15.47	15.42	16.8	0
20	16QAM	50	24	15.40	15.60	15.60		
20	16QAM	50	50	15.46	15.43	15.69		
20	16QAM	100	0	15.28	15.43	15.43		
20	64QAM	1	0	15.38	15.45	15.49	16.8	0
20	64QAM	1	49	15.49	15.34	15.45		
20	64QAM	1	99	15.43	15.47	15.65		
20	64QAM	50	0	15.56	15.34	15.40	16.8	0
20	64QAM	50	24	15.38	15.53	15.37		
20	64QAM	50	50	15.44	15.69	15.49		
20	64QAM	100	0	15.30	15.38	15.41		
20	256QAM	1	0	15.56	15.68	15.56	16.8	0
20	256QAM	1	49	15.48	15.35	15.31		
20	256QAM	1	99	15.56	15.57	15.53		
20	256QAM	50	0	15.49	15.59	15.44	16.8	0
20	256QAM	50	24	15.48	15.53	15.68		
20	256QAM	50	50	15.44	15.57	15.55		
20	256QAM	100	0	15.31	15.50	15.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.63	15.83	15.36	16.8	0
15	QPSK	1	37	15.46	15.53	15.57		
15	QPSK	1	74	15.67	15.34	15.47		
15	QPSK	36	0	15.47	15.67	15.59	16.8	0
15	QPSK	36	20	15.47	15.42	15.54		
15	QPSK	36	39	15.41	15.60	15.38		
15	QPSK	75	0	15.29	15.75	15.30		
15	16QAM	1	0	15.56	15.32	15.59	16.8	0
15	16QAM	1	37	15.31	15.50	15.30		
15	16QAM	1	74	15.46	15.47	15.68		
15	16QAM	36	0	15.56	15.48	15.22	16.8	0
15	16QAM	36	20	15.46	15.57	15.59		
15	16QAM	36	39	15.47	15.46	15.71		
15	16QAM	75	0	15.37	15.49	15.54		
15	64QAM	1	0	15.51	15.57	15.49	16.8	0
15	64QAM	1	37	15.48	15.35	15.48		
15	64QAM	1	74	15.37	15.54	15.65		
15	64QAM	36	0	15.59	15.35	15.39	16.8	0
15	64QAM	36	20	15.51	15.59	15.39		
15	64QAM	36	39	15.32	15.52	15.57		
15	64QAM	75	0	15.23	15.45	15.40		
15	256QAM	1	0	15.46	15.69	15.66	16.8	0
15	256QAM	1	37	15.40	15.34	15.31		
15	256QAM	1	74	15.57	15.41	15.62		
15	256QAM	36	0	15.43	15.47	15.43	16.8	0
15	256QAM	36	20	15.57	15.38	15.57		
15	256QAM	36	39	15.42	15.40	15.41		
15	256QAM	75	0	15.37	15.44	15.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.58	15.78	15.46	16.8	0
10	QPSK	1	25	15.40	15.66	15.43		
10	QPSK	1	49	15.67	15.42	15.63		
10	QPSK	25	0	15.34	15.57	15.47	16.8	0
10	QPSK	25	12	15.61	15.55	15.55		
10	QPSK	25	25	15.56	15.67	15.53		
10	QPSK	50	0	15.38	15.64	15.35		
10	16QAM	1	0	15.41	15.43	15.54	16.8	0
10	16QAM	1	25	15.26	15.41	15.38		
10	16QAM	1	49	15.50	15.35	15.60		
10	16QAM	25	0	15.46	15.55	15.41	16.8	0
10	16QAM	25	12	15.33	15.48	15.69		
10	16QAM	25	25	15.42	15.42	15.64		
10	16QAM	50	0	15.36	15.57	15.45		
10	64QAM	1	0	15.44	15.53	15.50	16.8	0
10	64QAM	1	25	15.34	15.31	15.59		
10	64QAM	1	49	15.43	15.48	15.49		
10	64QAM	25	0	15.62	15.26	15.54	16.8	0
10	64QAM	25	12	15.44	15.47	15.35		
10	64QAM	25	25	15.32	15.66	15.58		
10	64QAM	50	0	15.37	15.44	15.54		
10	256QAM	1	0	15.48	15.64	15.55	16.8	0
10	256QAM	1	25	15.45	15.32	15.43		
10	256QAM	1	49	15.54	15.53	15.50		
10	256QAM	25	0	15.51	15.51	15.41	16.8	0
10	256QAM	25	12	15.54	15.56	15.64		
10	256QAM	25	25	15.30	15.54	15.59		
10	256QAM	50	0	15.30	15.46	15.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.56	15.84	15.35	16.8	0
5	QPSK	1	12	15.52	15.52	15.42		
5	QPSK	1	24	15.34	15.64	15.46		
5	QPSK	12	0	15.37	15.69	15.50	16.8	0
5	QPSK	12	7	15.59	15.55	15.42		
5	QPSK	12	13	15.46	15.53	15.43		
5	QPSK	25	0	15.36	15.67	15.29		
5	16QAM	1	0	15.44	15.34	15.64	16.8	0
5	16QAM	1	12	15.36	15.44	15.37		
5	16QAM	1	24	15.52	15.34	15.70		
5	16QAM	12	0	15.62	15.59	15.23	16.8	0
5	16QAM	12	7	15.31	15.64	15.51		
5	16QAM	12	13	15.32	15.43	15.53		
5	16QAM	25	0	15.31	15.54	15.47		
5	64QAM	1	0	15.53	15.42	15.46	16.8	0
5	64QAM	1	12	15.48	15.46	15.44		
5	64QAM	1	24	15.45	15.50	15.63		
5	64QAM	12	0	15.53	15.38	15.44	16.8	0
5	64QAM	12	7	15.48	15.53	15.48		
5	64QAM	12	13	15.32	15.52	15.55		
5	64QAM	25	0	15.31	15.47	15.48		
5	256QAM	1	0	15.50	15.55	15.60	16.8	0
5	256QAM	1	12	15.47	15.46	15.48		
5	256QAM	1	24	15.42	15.50	15.46		
5	256QAM	12	0	15.47	15.50	15.53	16.8	0
5	256QAM	12	7	15.53	15.41	15.70		
5	256QAM	12	13	15.31	15.52	15.44		
5	256QAM	25	0	15.42	15.48	15.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.64	15.86	15.44	16.8	0
3	QPSK	1	8	15.51	15.60	15.42		
3	QPSK	1	14	15.52	15.43	15.52		
3	QPSK	8	0	15.43	15.56	15.44	16.8	0
3	QPSK	8	4	15.54	15.44	15.45		
3	QPSK	8	7	15.38	15.67	15.44		
3	QPSK	15	0	15.54	15.77	15.63		
3	16QAM	1	0	15.56	15.42	15.66	16.8	0
3	16QAM	1	8	15.42	15.47	15.29		
3	16QAM	1	14	15.57	15.40	15.67		
3	16QAM	8	0	15.55	15.66	15.40	16.8	0
3	16QAM	8	4	15.47	15.54	15.62		
3	16QAM	8	7	15.47	15.43	15.56		
3	16QAM	15	0	15.32	15.55	15.60		
3	64QAM	1	0	15.43	15.52	15.53	16.8	0
3	64QAM	1	8	15.36	15.35	15.45		
3	64QAM	1	14	15.32	15.38	15.52		
3	64QAM	8	0	15.53	15.25	15.53	16.8	0
3	64QAM	8	4	15.47	15.44	15.39		
3	64QAM	8	7	15.42	15.63	15.46		
3	64QAM	15	0	15.25	15.46	15.45		
3	256QAM	1	0	15.52	15.63	15.53	16.8	0
3	256QAM	1	8	15.50	15.39	15.36		
3	256QAM	1	14	15.59	15.49	15.60		
3	256QAM	8	0	15.40	15.54	15.55	16.8	0
3	256QAM	8	4	15.51	15.51	15.67		
3	256QAM	8	7	15.33	15.46	15.44		
3	256QAM	15	0	15.27	15.49	15.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.70	15.72	15.36	16.8	0
1.4	QPSK	1	3	15.48	15.58	15.57		
1.4	QPSK	1	5	15.23	15.44	15.57		
1.4	QPSK	3	0	15.41	15.63	15.42		
1.4	QPSK	3	1	15.44	15.49	15.57		
1.4	QPSK	3	3	15.56	15.67	15.39		
1.4	QPSK	6	0	15.21	15.62	15.39	16.8	0
1.4	16QAM	1	0	15.56	15.31	15.61	16.8	0
1.4	16QAM	1	3	15.31	15.58	15.37		
1.4	16QAM	1	5	15.44	15.37	15.67		
1.4	16QAM	3	0	15.51	15.64	15.24		
1.4	16QAM	3	1	15.47	15.52	15.69		
1.4	16QAM	3	3	15.34	15.47	15.58		
1.4	16QAM	6	0	15.26	15.44	15.58	16.8	0
1.4	64QAM	1	0	15.52	15.33	15.53	16.8	0
1.4	64QAM	1	3	15.46	15.37	15.59		
1.4	64QAM	1	5	15.34	15.41	15.57		
1.4	64QAM	3	0	15.55	15.36	15.48		
1.4	64QAM	3	1	15.49	15.58	15.44		
1.4	64QAM	3	3	15.37	15.70	15.60		
1.4	64QAM	6	0	15.36	15.50	15.41	16.8	0
1.4	256QAM	1	0	15.50	15.62	15.63	16.8	0
1.4	256QAM	1	3	15.46	15.42	15.49		
1.4	256QAM	1	5	15.49	15.56	15.57		
1.4	256QAM	3	0	15.46	15.41	15.54		
1.4	256QAM	3	1	15.51	15.54	15.62		
1.4	256QAM	3	3	15.43	15.50	15.56		
1.4	256QAM	6	0	15.30	15.51	15.62	16.8	0

Band 5 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.23	21.53	21.48	22.2	0
10	QPSK	1	25	21.30	21.39	21.36		
10	QPSK	1	49	21.37	21.49	21.41		
10	QPSK	25	0	21.26	21.50	21.46	22.2	0
10	QPSK	25	12	21.26	21.39	21.45		
10	QPSK	25	25	21.27	21.36	21.41		
10	QPSK	50	0	21.29	21.47	21.26		
10	16QAM	1	0	21.24	21.43	21.34	22.2	0
10	16QAM	1	25	21.30	21.37

Band 7 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.32	16.50	16.24	17.2	0
20	QPSK	1	49	16.25	16.33	16.44		
20	QPSK	1	99	16.22	16.34	16.37		
20	QPSK	50	0	16.20	16.40	16.40	17.2	0
20	QPSK	50	24	16.33	16.28	16.37		
20	QPSK	50	50	16.25	16.42	16.19		
20	QPSK	100	0	16.13	16.41	16.22		
20	16QAM	1	0	16.32	16.29	16.28	17.2	0
20	16QAM	1	49	16.25	16.34	16.20		
20	16QAM	1	99	16.28	16.29	16.31		
20	16QAM	50	0	16.29	16.34	16.27	17.2	0
20	16QAM	50	24	16.23	16.39	16.32		
20	16QAM	50	50	16.19	16.31	16.33		
20	16QAM	100	0	16.14	16.25	16.35		
20	64QAM	1	0	16.34	16.34	16.30	17.2	0
20	64QAM	1	49	16.34	16.27	16.38		
20	64QAM	1	99	16.19	16.25	16.39		
20	64QAM	50	0	16.29	16.20	16.31	17.2	0
20	64QAM	50	24	16.20	16.20	16.33		
20	64QAM	50	50	16.23	16.29	16.28		
20	64QAM	100	0	16.13	16.38	16.35		
20	256QAM	1	0	16.27	16.27	16.33	17.2	0
20	256QAM	1	49	16.24	16.25	16.34		
20	256QAM	1	99	16.23	16.38	16.30		
20	256QAM	50	0	16.16	16.29	16.21	17.2	0
20	256QAM	50	24	16.35	16.22	16.33		
20	256QAM	50	50	16.16	16.35	16.21		
20	256QAM	100	0	16.25	16.29	16.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.22	16.39	16.10	17.2	0
15	QPSK	1	37	16.14	16.23	16.32		
15	QPSK	1	74	16.11	16.29	16.26		
15	QPSK	36	0	16.07	16.32	16.33	17.2	0
15	QPSK	36	20	16.28	16.15	16.26		
15	QPSK	36	39	16.18	16.28	16.12		
15	QPSK	75	0	16.07	16.27	16.16		
15	16QAM	1	0	16.26	16.20	16.14	17.2	0
15	16QAM	1	37	16.18	16.24	16.06		
15	16QAM	1	74	16.23	16.16	16.25		
15	16QAM	36	0	16.15	16.21	16.19	17.2	0
15	16QAM	36	20	16.15	16.27	16.17		
15	16QAM	36	39	16.12	16.20	16.26		
15	16QAM	75	0	16.10	16.17	16.29		
15	64QAM	1	0	16.27	16.27	16.23	17.2	0
15	64QAM	1	37	16.23	16.19	16.31		
15	64QAM	1	74	16.14	16.11	16.34		
15	64QAM	36	0	16.23	16.12	16.18	17.2	0
15	64QAM	36	20	16.05	16.13	16.20		
15	64QAM	36	39	16.14	16.21	16.15		
15	64QAM	75	0	16.05	16.24	16.20		
15	256QAM	1	0	16.20	16.21	16.21	17.2	0
15	256QAM	1	37	16.10	16.19	16.25		
15	256QAM	1	74	16.11	16.29	16.24		
15	256QAM	36	0	16.07	16.23	16.09	17.2	0
15	256QAM	36	20	16.27	16.13	16.19		
15	256QAM	36	39	16.07	16.22	16.14		
15	256QAM	75	0	16.12	16.21	16.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.25	16.35	16.17	17.2	0
10	QPSK	1	25	16.15	16.24	16.34		
10	QPSK	1	49	16.12	16.22	16.25		
10	QPSK	25	0	16.07	16.35	16.30	17.2	0
10	QPSK	25	12	16.25	16.13	16.29		
10	QPSK	25	25	16.14	16.36	16.04		
10	QPSK	50	0	16.08	16.27	16.11		
10	16QAM	1	0	16.21	16.17	16.23	17.2	0
10	16QAM	1	25	16.13	16.19	16.10		
10	16QAM	1	49	16.22	16.20	16.25		
10	16QAM	25	0	16.23	16.26	16.17	17.2	0
10	16QAM	25	12	16.11	16.32	16.23		
10	16QAM	25	25	16.09	16.16	16.27		
10	16QAM	50	0	16.15	16.14	16.27		
10	64QAM	1	0	16.24	16.28	16.23	17.2	0
10	64QAM	1	25	16.20	16.17	16.24		
10	64QAM	1	49	16.06	16.19	16.32		
10	64QAM	25	0	16.17	16.06	16.21	17.2	0
10	64QAM	25	12	16.10	16.06	16.22		
10	64QAM	25	25	16.11	16.16	16.14		
10	64QAM	50	0	15.99	16.28	16.21		
10	256QAM	1	0	16.14	16.14	16.21	17.2	0
10	256QAM	1	25	16.18	16.18	16.23		
10	256QAM	1	49	16.09	16.30	16.19		
10	256QAM	25	0	16.04	16.17	16.13	17.2	0
10	256QAM	25	12	16.27	16.11	16.23		
10	256QAM	25	25	16.01	16.25	16.15		
10	256QAM	50	0	16.14	16.20	16.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.19	16.43	16.15	17.2	0
5	QPSK	1	12	16.12	16.22	16.33		
5	QPSK	1	24	16.09	16.20	16.29		
5	QPSK	12	0	16.06	16.40	16.26	17.2	0
5	QPSK	12	7	16.24	16.19	16.25		
5	QPSK	12	13	16.18	16.35	16.05		
5	QPSK	25	0	16.03	16.27	16.12		
5	16QAM	1	0	16.17	16.17	16.17	17.2	0
5	16QAM	1	12	16.15	16.22	16.07		
5	16QAM	1	24	16.16	16.17	16.26		
5	16QAM	12	0	16.21	16.28	16.20	17.2	0
5	16QAM	12	7	16.14	16.34	16.20		
5	16QAM	12	13	16.06	16.26	16.26		
5	16QAM	25	0	16.12	16.11	16.28		
5	64QAM	1	0	16.24	16.22	16.15	17.2	0
5	64QAM	1	12	16.19	16.13	16.28		
5	64QAM	1	24	16.10	16.11	16.32		
5	64QAM	12	0	16.22	16.07	16.22	17.2	0
5	64QAM	12	7	16.08	16.13	16.21		
5	64QAM	12	13	16.09	16.18	16.21		
5	64QAM	25	0	16.05	16.29	16.22		
5	256QAM	1	0	16.14	16.19	16.26	17.2	0
5	256QAM	1	12	16.17	16.20	16.20		
5	256QAM	1	24	16.12	16.27	16.20		
5	256QAM	12	0	16.03	16.17	16.16	17.2	0
5	256QAM	12	7	16.24	16.09	16.25		
5	256QAM	12	13	16.10	16.24	16.09		
5	256QAM	25	0	16.19	16.14	16.28		

Band 12 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.27	23.42	23.39	24.2	0
10	QPSK	1	25	23.29	23.30	23.36		
10	QPSK	1	49	23.24	23.14	23.23		
10	QPSK	25	0	23.31	23.41	23.34	24	0.2
10	QPSK	25	12	23.31	23.31	23.33		
10	QPSK	25	25	23.40	23.37	23.28		
10	QPSK	50	0	23.35	23.37	23.36		
10	16QAM	1	0	23.39	23.47	23.53	24	0.2
10	16QAM	1	25	23.41	23.39	23.37		
10	16QAM	1	49	23.45	23.21	23.29		
10	16QAM	25	0	22.46	22.34	22.27	23	1.2
10	16QAM	25	12	22.37	22.31	22.28		
10	16QAM	25	25	22.23	22.41	22.35		
10	16QAM	50	0	22.40	22.32	22.41		
10	64QAM	1	0	22.33	22.43	22.36	23	1.2
10	64QAM	1	25	22.44	22.35	22.53		
10	64QAM	1	49	22.46	22.25	22.35		
10	64QAM	25	0	21.33	21.27	21.35	23	1.2
10	64QAM	25	12	21.40	21.31	21.26		
10	64QAM	25	25	21.38	21.36	21.31		
10	64QAM	50	0	21.35	21.31	21.33		
10	256QAM	1	0	19.33	19.28	19.35	20	4.2
10	256QAM	1	25	19.49	19.50	19.33		
10	256QAM	1	49	19.56	19.46	19.38		
10	256QAM	25	0	19.27	19.32	19.36	20	4.2
10	256QAM	25	12	19.39	19.26	19.27		
10	256QAM	25	25	19.35	19.33	19.33		
10	256QAM	50	0	19.33	19.29	19.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.23	23.30	23.35	24.2	0
5	QPSK	1	12	23.30	23.25	23.31		
5	QPSK	1	24	23.19	23.31	23.25		
5	QPSK	12	0	23.36	23.30	23.34	24	0.2
5	QPSK	12	7	23.36	23.36	23.47		
5	QPSK	12	13	23.21	23.27	23.18		
5	QPSK	25	0	23.31	23.25	23.29		
5	16QAM	1	0	23.49	23.39	23.35	24	0.2
5	16QAM	1	12	23.49	23.47	23.56		
5	16QAM	1	24	23.47	23.41	23.34		
5	16QAM	12	0	22.34	22.34	22.40	23	1.2
5	16QAM	12	7	22.35	22.39	22.36		
5	16QAM	12	13	22.21	22.31	22.40		
5	16QAM	25	0	22.17	22.29	22.18		
5	64QAM	1	0	22.34	22.38	22.31	23	1.2
5	64QAM	1	12	22.38	22.47	22.45		
5	64QAM	1	24	22.36	22.29	22.32		
5	64QAM	12	0	21.29	21.30	21.38	23	1.2
5	64QAM	12	7	21.26	21.38	21.38		
5	64QAM	12	13	21.47	21.36	21.43		
5	64QAM	25	0	21.15	21.23	21.16		
5	256QAM	1	0	19.44	19.36	19.35	20	4.2
5	256QAM	1	12	19.47	19.48	19.46		
5	256QAM	1	24	19.41	19.42	19.23		
5	256QAM	12	0	19.39	19.29	19.41	20	4.2
5	256QAM	12	7	19.41	19.41	19.43		
5	256QAM	12	13	19.45	19.33	19.33		
5	256QAM	25	0	19.32	19.25	19.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.33	23.44	23.33	24.2	0
3	QPSK	1	8	23.27	23.40	23.30		
3	QPSK	1	14	23.21	23.22	23.13		
3	QPSK	8	0	23.37	23.38	23.26	24	0.2
3	QPSK	8	4	23.35	23.35	23.33		
3	QPSK	8	7	23.31	23.37	23.47		
3	QPSK	15	0	23.41	23.32	23.37		
3	16QAM	1	0	23.19	23.27	23.30	24	0.2
3	16QAM	1	8	23.45	23.51	23.20		
3	16QAM	1	14	23.38	23.29	23.24		
3	16QAM	8	0	22.37	22.29	22.17	23	1.2
3	16QAM	8	4	22.46	22.41	22.51		
3	16QAM	8	7	22.37	22.39	22.50		
3	16QAM	15	0	22.44	22.34	22.44		
3	64QAM	1	0	22.34	22.35	22.42	23	1.2
3	64QAM	1	8	22.71	22.59	22.69		
3	64QAM	1	14	22.35	22.44	22.46		
3	64QAM	8	0	21.45	21.41	21.29	23	1.2
3	64QAM	8	4	21.49	21.52	21.53		
3	64QAM	8	7	21.24	21.32	21.25		
3	64QAM	15	0	21.19	21.30	21.32		
3	256QAM	1	0	19.40	19.35	19.45	20	4.2
3	256QAM	1	8	19.38	19.46	19.55		
3	256QAM	1	14	19.38	19.33	19.31		
3	256QAM	8	0	19.30	19.34	19.26	20	4.2
3	256QAM	8	4	19.41	19.42	19.54		
3	256QAM	8	7	19.39	19.38	19.37		
3	256QAM	15	0	19.45	19.33	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.26	23.37	23.32	24.2	0
1.4	QPSK	1	3	23.28	23.25	23.21		
1.4	QPSK	1	5	23.01	23.21	23.31		
1.4	QPSK	3	0	23.12	23.42	23.27		
1.4	QPSK	3	1	23.23	23.25	23.29		
1.4	QPSK	3	3	23.12	23.07	23.06		
1.4	QPSK	6	0	23.18	23.13	23.29	24	0.2
1.4	16QAM	1	0	23.22	23.15	23.35	24	0.2
1.4	16QAM	1	3	23.05	23.20	23.17		
1.4	16QAM	1	5	23.24	23.05	23.25		
1.4	16QAM	3	0	23.44	23.34	23.14		
1.4	16QAM	3	1	23.29	23.31	23.51		
1.4	16QAM	3	3	23.28	23.36	23.29		
1.4	16QAM	6	0	22.32	22.15	22.41	23	1.2
1.4	64QAM	1	0	22.35	22.23	22.28	23	1.2
1.4	64QAM	1	3	22.31	22.20	22.25		
1.4	64QAM	1	5	22.06	22.25	22.18		
1.4	64QAM	3	0	22.19	22.24	22.29		
1.4	64QAM	3	1	22.38	22.48	22.45		
1.4	64QAM	3	3	22.33	22.15	22.26		
1.4	64QAM	6	0	21.30	21.16	21.26	23	1.2
1.4	256QAM	1	0	19.37	19.16	19.15	20	4.2
1.4	256QAM	1	3	19.25	19.26	19.24		
1.4	256QAM	1	5	19.41	19.31	19.02		
1.4	256QAM	3	0	19.20	19.26	19.24		
1.4	256QAM	3	1	19.37	19.26	19.39		
1.4	256QAM	3	3	19.37	19.27	19.14		
1.4	256QAM	6	0	19.22	19.10	19.05	20	4.2

Band 13 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.45		24	0
10	QPSK	1	25		23.36			
10	QPSK	1	49		23.30			
10	QPSK	25	0		23.41		24	0
10	QPSK	25	12		23.36			
10	QPSK	25	25		23.37			
10	QPSK	50	0		23.27			
10	16QAM	1	0		23.21		24	0
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.34			
10	16QAM	25	0		22.31		23	1
10	16QAM	25	12		22.34			
10	16QAM	25	25		22.32			
10	16QAM	50	0		22.25			
10	64QAM	1	0		22.49		23	1
10	64QAM	1	25		22.54			
10	64QAM	1	49		22.31			
10	64QAM	25	0		21.39		22	2
10	64QAM	25	12		21.34			
10	64QAM	25	25		21.32			
10	64QAM	50	0		21.27			
10	256QAM	1	0		19.42		20	4
10	256QAM	1	25		19.44			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.40		20	4
10	256QAM	25	12		19.30			
10	256QAM	25	25		19.34			
10	256QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.26	23.36	23.35	24	0
5	QPSK	1	12	23.29	23.37	23.26		
5	QPSK	1	24	23.26	23.21	23.25		
5	QPSK	12	0	23.36	23.28	23.30	24	0
5	QPSK	12	7	23.34	23.32	23.15		
5	QPSK	12	13	23.20	23.31	23.26		
5	QPSK	25	0	23.10	23.18	23.13		
5	16QAM	1	0	23.22	23.34	23.18	24	0
5	16QAM	1	12	23.56	23.52	23.64		
5	16QAM	1	24	23.22	23.19	23.30		
5	16QAM	12	0	22.19	22.26	22.09	23	1
5	16QAM	12	7	22.13	22.27	22.12		
5	16QAM	12	13	22.17	22.18	22.20		
5	16QAM	25	0	22.07	22.21	22.16		
5	64QAM	1	0	22.32	22.29	22.32	23	1
5	64QAM	1	12	22.45	22.36	22.38		
5	64QAM	1	24	22.16	22.17	22.19		
5	64QAM	12	0	21.21	21.18	21.19	22	2
5	64QAM	12	7	21.19	21.29	21.28		
5	64QAM	12	13	21.14	21.26	21.20		
5	64QAM	25	0	21.06	21.07	21.12		
5	256QAM	1	0	19.36	19.26	19.35	20	4
5	256QAM	1	12	19.28	19.25	19.41		
5	256QAM	1	24	19.36	19.32	19.47		
5	256QAM	12	0	19.28	19.24	19.30	20	4
5	256QAM	12	7	19.13	19.26	19.09		
5	256QAM	12	13	19.24	19.31	19.28		
5	256QAM	25	0	19.29	19.15	19.28		

Band 66 Ant1 DSI2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.91	16.10	15.69	16.8	0
20	QPSK	1	49	15.76	15.88	15.81		
20	QPSK	1	99	15.61	15.72	15.85		
20	QPSK	50	0	15.68	15.91	15.85	16.8	0
20	QPSK	50	24	15.83	15.79	15.79		
20	QPSK	50	50	15.76	15.88	15.74		
20	QPSK	100	0	15.61	15.98	15.62		
20	16QAM	1	0	15.77	15.70	15.92	16.8	0
20	16QAM	1	49	15.69	15.78	15.64		
20	16QAM	1	99	15.77	15.72	15.94		
20	16QAM	50	0	15.83	15.87	15.62	16.8	0
20	16QAM	50	24	15.67	15.86	15.91		
20	16QAM	50	50	15.71	15.81	15.91		
20	16QAM	100	0	15.66	15.83	15.83		
20	64QAM	1	0	15.79	15.80	15.76	16.8	0
20	64QAM	1	49	15.73	15.70	15.79		
20	64QAM	1	99	15.67	15.74	15.87		
20	64QAM	50	0	15.87	15.62	15.79	16.8	0
20	64QAM	50	24	15.73	15.80	15.79		
20	64QAM	50	50	15.66	15.96	15.80		
20	64QAM	100	0	15.62	15.72	15.76		
20	256QAM	1	0	15.77	15.89	15.88	16.8	0
20	256QAM	1	49	15.78	15.71	15.70		
20	256QAM	1	99	15.80	15.79	15.85		
20	256QAM	50	0	15.73	15.80	15.77	16.8	0
20	256QAM	50	24	15.85	15.76	15.93		
20	256QAM	50	50	15.68	15.78	15.79		
20	256QAM	100	0	15.67	15.79	15.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.84	15.94	15.85	16.8	0
15	QPSK	1	37	15.87	15.83	15.87		
15	QPSK	1	74	15.66	15.81	15.79		
15	QPSK	36	0	15.75	15.76	15.83	16.8	0
15	QPSK	36	20	15.76	15.82	15.77		
15	QPSK	36	39	15.71	15.82	15.77		
15	QPSK	75	0	15.58	15.94	15.57		
15	16QAM	1	0	15.74	15.77	15.89	16.8	0
15	16QAM	1	37	15.76	15.90	15.74		
15	16QAM	1	74	15.62	15.82	15.91		
15	16QAM	36	0	15.75	15.95	15.70	16.8	0
15	16QAM	36	20	15.70	15.76	15.92		
15	16QAM	36	39	15.67	15.82	15.88		
15	16QAM	75	0	15.68	15.94	15.84		
15	64QAM	1	0	15.76	15.94	15.83	16.8	0
15	64QAM	1	37	15.72	15.82	15.91		
15	64QAM	1	74	15.57	15.74	15.85		
15	64QAM	36	0	15.76	15.60	15.83	16.8	0
15	64QAM	36	20	15.65	15.69	15.87		
15	64QAM	36	39	15.84	15.82	15.88		
15	64QAM	75	0	15.71	15.89	15.79		
15	256QAM	1	0	15.93	15.83	15.86	16.8	0
15	256QAM	1	37	15.60	15.77	15.79		
15	256QAM	1	74	15.82	15.97	15.83		
15	256QAM	36	0	15.68	15.70	15.88	16.8	0
15	256QAM	36	20	15.95	15.84	15.93		
15	256QAM	36	39	15.58	15.80	15.66		
15	256QAM	75	0	15.73	15.85	15.86		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.92	15.91	15.80	16.8	0
10	QPSK	1	25	15.85	15.88	15.79		
10	QPSK	1	49	15.66	15.74	15.83		
10	QPSK	25	0	15.56	16.02	15.88	16.8	0
10	QPSK	25	12	15.92	15.77	15.87		
10	QPSK	25	25	15.79	15.84	15.57		
10	QPSK	50	0	15.66	15.92	15.57		
10	16QAM	1	0	15.75	15.85	15.85	16.8	0
10	16QAM	1	25	15.79	15.93	15.81		
10	16QAM	1	49	15.69	15.81	15.86		
10	16QAM	25	0	15.85	15.93	15.81	16.8	0
10	16QAM	25	12	15.66	15.88	15.77		
10	16QAM	25	25	15.71	15.86	15.74		
10	16QAM	50	0	15.66	15.65	15.85		
10	64QAM	1	0	15.81	15.94	15.75	16.8	0
10	64QAM	1	25	15.76	15.65

Band 48 Ant2_DSI 2 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.42	22.44	22.54	22.47	24	0
20	QPSK	1	49	22.34	22.38	22.48	22.42		
20	QPSK	1	99	22.33	22.27	22.42	22.31		
20	QPSK	50	0	21.44	21.41	21.55	21.45	23	1
20	QPSK	50	24	21.20	21.24	21.35	21.16		
20	QPSK	50	50	21.34	21.33	21.43	21.35		
20	QPSK	100	0	21.25	21.27	21.53	21.36		
20	16QAM	1	0	21.34	21.40	21.52	21.39	23	1
20	16QAM	1	49	21.28	21.21	21.40	21.31		
20	16QAM	1	99	21.27	21.26	21.39	21.25		
20	16QAM	50	0	20.44	20.40	20.57	20.45	22	2
20	16QAM	50	24	20.33	20.19	20.39	20.24		
20	16QAM	50	50	20.38	20.39	20.48	20.36		
20	16QAM	100	0	20.32	20.31	20.37	20.20		
20	64QAM	1	0	20.34	20.26	20.44	20.31	22	2
20	64QAM	1	49	20.30	20.21	20.36	20.19		
20	64QAM	1	99	20.14	20.19	20.27	20.21		
20	64QAM	50	0	19.36	19.45	19.56	19.36	21	3
20	64QAM	50	24	19.34	19.30	19.49	19.43		
20	64QAM	50	50	19.38	19.24	19.43	19.22		
20	64QAM	100	0	19.33	19.31	19.51	19.39		
20	256QAM	1	0	17.35	17.49	17.35	17.51	19	5
20	256QAM	1	49	17.20	17.36	17.14	17.35		
20	256QAM	1	99	17.32	17.39	17.28	17.37		
20	256QAM	50	0	17.22	17.33	17.23	17.36	19	5
20	256QAM	50	24	17.27	17.14	17.29	17.08		
20	256QAM	50	50	17.11	17.19	17.10	17.30		
20	256QAM	100	0	17.28	17.13	17.24	17.15		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.32	22.32	22.43	22.30	24	0
15	QPSK	1	37	22.26	22.21	22.37	22.22		
15	QPSK	1	74	22.23	22.16	22.24	22.24		
15	QPSK	36	0	21.36	21.34	21.35	21.38	23	1
15	QPSK	36	20	21.07	21.07	21.15	21.01		
15	QPSK	36	39	21.24	21.21	21.24	21.21		
15	QPSK	75	0	21.20	21.08	21.27	21.24		
15	16QAM	1	0	21.21	21.24	21.35	21.28	23	1
15	16QAM	1	37	21.11	21.14	21.26	21.20		
15	16QAM	1	74	21.09	21.19	21.22	21.04		
15	16QAM	36	0	20.31	20.26	20.45	20.37	22	2
15	16QAM	36	20	20.20	20.14	20.32	20.12		
15	16QAM	36	39	20.22	20.30	20.33	20.20		
15	16QAM	75	0	20.23	20.23	20.23	20.13		
15	64QAM	1	0	20.18	20.11	20.25	20.11	22	2
15	64QAM	1	37	20.24	20.10	20.19	20.10		
15	64QAM	1	74	20.08	20.14	20.16	20.01		
15	64QAM	36	0	19.22	19.34	19.45	19.18	21	3
15	64QAM	36	20	19.27	19.16	19.33	19.35		
15	64QAM	36	39	19.28	19.15	19.27	19.06		
15	64QAM	75	0	19.12	19.14	19.43	19.34		
15	256QAM	1	0	17.33	17.48	17.29	17.41	19	5
15	256QAM	1	37	17.16	17.32	17.11	17.29		
15	256QAM	1	74	17.25	17.39	17.20	17.35		
15	256QAM	36	0	17.14	17.25	17.14	17.32	19	5
15	256QAM	36	20	17.27	17.11	17.20	17.19		
15	256QAM	36	39	17.04	17.10	17.20	17.26		
15	256QAM	75	0	17.24	17.11	17.15	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.35	22.33	22.36	22.26	24	0
10	QPSK	1	25	22.13	22.25	22.39	22.32		
10	QPSK	1	49	22.24	22.10	22.36	22.16		
10	QPSK	25	0	21.39	21.20	21.38	21.37	23	1
10	QPSK	25	12	21.06	21.18	21.14	21.00		
10	QPSK	25	25	21.15	21.17	21.29	21.17		
10	QPSK	50	0	21.12	21.07	21.21	21.18		
10	16QAM	1	0	21.27	21.34	21.42	21.22	23	1
10	16QAM	1	25	21.20	21.02	21.31	21.24		
10	16QAM	1	49	21.10	21.12	21.20	21.14		
10	16QAM	25	0	20.32	20.35	20.41	20.25	22	2
10	16QAM	25	12	20.25	20.11	20.27	20.06		
10	16QAM	25	25	20.21	20.22	20.35	20.17		
10	16QAM	50	0	20.20	20.19	20.31	20.09		
10	64QAM	1	0	20.23	20.13	20.38	20.26	22	2
10	64QAM	1	25	20.20	20.14	20.23	20.05		
10	64QAM	1	49	20.12	20.21	20.19	20.12		
10	64QAM	25	0	19.17	19.35	19.44	19.27	21	3
10	64QAM	25	12	19.27	19.14	19.34	19.30		
10	64QAM	25	25	19.27	19.06	19.29	19.11		
10	64QAM	50	0	19.16	19.13	19.43	19.28		
10	256QAM	1	0	17.33	17.41	17.34	17.43	19	5
10	256QAM	1	25	17.21	17.31	17.15	17.30		
10	256QAM	1	49	17.32	17.38	17.26	17.33		
10	256QAM	25	0	17.15	17.24	17.16	17.31	19	5
10	256QAM	25	12	17.28	17.04	17.28	17.00		
10	256QAM	25	25	17.08	17.10	17.10	17.27		
10	256QAM	50	0	17.22	17.10	17.24	17.04		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.36	22.31	22.40	22.30	24	0
5	QPSK	1	12	22.29	22.24	22.33	22.27		
5	QPSK	1	24	22.17	22.12	22.22	22.12		
5	QPSK	12	0	21.38	21.23	21.36	21.34	23	1
5	QPSK	12	7	21.05	21.10	21.17	21.28		
5	QPSK	12	13	21.16	21.25	21.30	21.17		
5	QPSK	25	0	21.08	21.12	21.29	21.27		
5	16QAM	1	0	21.26	21.26	21.40	21.20	23	1
5	16QAM	1	12	21.21	21.15	21.27	21.22		
5	16QAM	1	24	21.16	21.14	21.29	21.19		
5	16QAM	12	0	20.36	20.20	20.38	20.26	22	2
5	16QAM	12	7	20.12	20.04	20.27	20.07		
5	16QAM	12	13	20.17	20.22	20.35	20.31		
5	16QAM	25	0	20.13	20.22	20.16	20.04		
5	64QAM	1	0	20.28	20.21	20.35	20.14	22	2
5	64QAM	1	12	20.18	20.15	20.19	20.13		
5	64QAM	1	24	20.09	20.00	20.14	20.16		
5	64QAM	12	0	19.24	19.31	19.38	19.25	21	3
5	64QAM	12	7	19.16	19.12	19.30	19.29		
5	64QAM	12	13	19.23	19.07	19.28	19.12		
5	64QAM	25	0	19.17	19.19	19.31	19.30		
5	256QAM	1	0	17.29	17.43	17.34	17.44	19	5
5	256QAM	1	12	17.17	17.32	17.09	17.34		
5	256QAM	1	24	17.33	17.33	17.20	17.29		
5	256QAM	12	0	17.21	17.33	17.16	17.30	19	5
5	256QAM	12	7	17.27	17.04	17.25	17.01		
5	256QAM	12	13	17.08	17.17	17.05	17.25		
5	256QAM	25	0	17.22	17.12	17.15	17.06		

Band 48 Ant2_DSI 2 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.42	22.44	22.54	22.47	24	0
20	QPSK	1	49	22.34	22.38	22.48	22.42		
20	QPSK	1	99	22.33	22.27	22.42	22.31		
20	QPSK	50	0	21.44	21.41	21.55	21.45	23	1
20	QPSK	50	24	21.20	21.24	21.35	21.16		
20	QPSK	50	50	21.34	21.33	21.43	21.35		
20	QPSK	100	0	21.25	21.27	21.53	21.36		
20	16QAM	1	0	21.34	21.40	21.52	21.39	23	1
20	16QAM	1	49	21.28	21.21	21.40	21.31		
20	16QAM	1	99	21.27	21.26	21.39	21.25		
20	16QAM	50	0	20.44	20.40	20.57	20.45	22	2
20	16QAM	50	24	20.33	20.19	20.39	20.24		
20	16QAM	50	50	20.38	20.39	20.48	20.36		
20	16QAM	100	0	20.32	20.31	20.37	20.20		
20	64QAM	1	0	20.34	20.26	20.44	20.31	22	2
20	64QAM	1	49	20.30	20.21	20.36	20.19		
20	64QAM	1	99	20.14	20.19	20.27	20.21		
20	64QAM	50	0	19.36	19.45	19.56	19.36	21	3
20	64QAM	50	24	19.34	19.30	19.49	19.43		
20	64QAM	50	50	19.38	19.24	19.43	19.22		
20	64QAM	100	0	19.33	19.31	19.51	19.39		
20	256QAM	1	0	17.35	17.49	17.35	17.51	19	5
20	256QAM	1	49	17.20	17.36	17.14	17.35		
20	256QAM	1	99	17.32	17.39	17.28	17.37		
20	256QAM	50	0	17.22	17.33	17.23	17.36	19	5
20	256QAM	50	24	17.27	17.14	17.29	17.08		
20	256QAM	50	50	17.11	17.19	17.10	17.30		
20	256QAM	100	0	17.28	17.13	17.24	17.15		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.32	22.32	22.43	22.30	24	0
15	QPSK	1	37	22.26	22.21	22.37	22.22		
15	QPSK	1	74	22.23	22.16	22.24	22.24		
15	QPSK	36	0	21.36	21.34	21.35	21.38	23	1
15	QPSK	36	20	21.07	21.07	21.15	21.01		
15	QPSK	36	39	21.24	21.21	21.24	21.21		
15	QPSK	75	0	21.20	21.08	21.27	21.24		
15	16QAM	1	0	21.21	21.24	21.35	21.28	23	1
15	16QAM	1	37	21.11	21.14	21.26	21.20		
15	16QAM	1	74	21.09	21.19	21.22	21.04		
15	16QAM	36	0	20.31	20.26	20.45	20.37	22	2
15	16QAM	36	20	20.20	20.14	20.32	20.12		
15	16QAM	36	39	20.22	20.30	20.33	20.20		
15	16QAM	75	0	20.23	20.23	20.23	20.13		
15	64QAM	1	0	20.18	20.11	20.25	20.11	22	2
15	64QAM	1	37	20.24	20.10	20.19	20.10		
15	64QAM	1	74	20.08	20.14	20.16	20.01		
15	64QAM	36	0	19.22	19.34	19.45	19.18	21	3
15	64QAM	36	20	19.27	19.16	19.33	19.35		
15	64QAM	36	39	19.28	19.15	19.27	19.06		
15	64QAM	75	0	19.12	19.14	19.43	19.34		
15	256QAM	1	0	17.33	17.48	17.29	17.41	19	5
15	256QAM	1	37	17.16	17.32	17.11	17.29		
15	256QAM	1	74	17.25	17.39	17.20	17.35		
15	256QAM	36	0	17.14	17.25	17.14	17.32	19	5
15	256QAM	36	20	17.27	17.11	17.20	17.19		
15	256QAM	36	39	17.04	17.10	17.20	17.26		
15	256QAM	75	0	17.24	17.11	17.15	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.35	22.33	22.36	22.26	24	0
10	QPSK	1	25	22.13	22.25	22.39	22.32		
10	QPSK	1	49	22.24	22.10	22.36	22.16		
10	QPSK	25	0	21.39	21.20	21.38	21.37	23	1
10	QPSK	25	12	21.06	21.18	21.14	21.00		
10	QPSK	25	25	21.15	21.17	21.29	21.17		
10	QPSK	50	0	21.12	21.07	21.21	21.18		
10	16QAM	1	0	21.27	21.34	21.42	21.22	23	1
10	16QAM	1	25	21.20	21.02	21.31	21.24		
10	16QAM	1	49	21.10	21.12	21.20	21.14		
10	16QAM	25	0	20.32	20.35	20.41	20.25	22	2
10	16QAM	25	12	20.25	20.11	20.27	20.06		
10	16QAM	25	25	20.21	20.22	20.35	20.17		
10	16QAM	50	0	20.20	20.19	20.31	20.09		
10	64QAM	1	0	20.23	20.13	20.38	20.26	22	2
10	64QAM	1	25	20.20	20.14	20.23	20.05		
10	64QAM	1	49	20.12	20.21	20.19	20.12		
10	64QAM	25	0	19.17	19.35	19.44	19.27	21	3
10	64QAM	25	12	19.27	19.14	19.34	19.30		
10	64QAM	25	25	19.27	19.06	19.29	19.11		
10	64QAM	50	0	19.16	19.13	19.43	19.28		
10	256QAM	1	0	17.33	17.41	17.34	17.43	19	5
10	256QAM	1	25	17.21	17.31	17.15	17.30		
10	256QAM	1	49	17.32	17.38	17.26	17.33		
10	256QAM	25	0	17.15	17.24	17.16	17.31	19	5
10	256QAM	25	12	17.28	17.04	17.28	17.00		
10	256QAM	25	25	17.08	17.10	17.10	17.27		
10	256QAM	50	0	17.22	17.10	17.24	17.04		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.36	22.31	22.40	22.30	24	0
5	QPSK	1	12	22.29	22.24	22.33	22.27		
5	QPSK	1	24	22.17	22.12	22.22	22.12		
5	QPSK	12	0	21.38	21.23	21.36	21.34	23	1
5	QPSK	12	7	21.05	21.10	21.17	21.28		
5	QPSK	12	13	21.16	21.25	21.30	21.17		
5	QPSK	25	0	21.08	21.12	21.29	21.27		
5	16QAM	1	0	21.26	21.26	21.40	21.20	23	1
5	16QAM	1	12	21.21	21.15	21.27	21.22		
5	16QAM	1	24	21.16	21.14	21.29	21.19		
5	16QAM	12	0	20.36	20.20	20.38	20.26	22	2
5	16QAM	12	7	20.12	20.04	20.27	20.07		
5	16QAM	12	13	20.17	20.22	20.35	20.31		
5	16QAM	25	0	20.13	20.22	20.16	20.04		
5	64QAM	1	0	20.28	20.21	20.35	20.14	22	2
5	64QAM	1	12	20.18	20.15	20.19	20.13		
5	64QAM	1	24	20.09	20.00	20.14	20.16		
5	64QAM	12	0	19.24	19.31	19.38	19.25	21	3
5	64QAM	12	7	19.16	19.12	19.30	19.29		
5	64QAM	12	13	19.23	19.07	19.28	19.12		
5	64QAM	25	0	19.17	19.19	19.31	19.30		
5	256QAM	1	0	17.29	17.43	17.34	17.44	19	5
5	256QAM	1	12	17.17	17.32	17.09	17.34		
5	256QAM	1	24	17.33	17.33	17.20	17.29		
5	256QAM	12	0	17.21	17.33	17.16	17.30	19	5
5	256QAM	12	7	17.27	17.04	17.25	17.01		
5	256QAM	12	13	17.08	17.17	17.05	17.25		
5	256QAM	25	0	17.22	17.12	17.15	17.06		

GSM850 Ant0 DSI3 standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.60	32.66	32.49	33.10	23.60	23.66	23.49	24.10
GPRS 1 Tx slot	32.58	32.65	32.46	33.10	23.58	23.65	23.46	24.10
GPRS 2 Tx slots	29.62	29.16	29.66	30.10	23.62	23.16	23.66	24.10
GPRS 3 Tx slots	27.31	27.46	27.20	28.40	23.05	23.20	22.94	24.14
GPRS 4 Tx slots	26.62	26.21	26.52	27.10	23.62	23.21	23.52	24.10
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0 DSI3 standalone

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.09	27.11	27.13	27.80	18.09	18.11	18.13	18.80
GPRS 1 Tx slot	27.09	27.11	27.13	27.80	18.09	18.11	18.13	18.80
GPRS 2 Tx slots	24.16	24.18	24.54	24.80	18.16	18.18	18.54	18.80
GPRS 3 Tx slots	21.93	21.98	22.11	23.00	17.67	17.72	17.85	18.74
GPRS 4 Tx slots	20.95	21.15	21.07	21.80	17.95	18.15	18.07	18.80
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.00	18.34	18.22	18.29	18.74
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

WCDMA II Ant0 DSI3 standalone / WCDMA V Ant0 DSI3 standalone

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.03	18.11	18.03	18.70	22.80	22.81	22.78	23.50
3GPP Rel 99	RMC 12.2Kbps	18.17	18.27	18.15	18.70	22.82	22.92	22.90	23.50
3GPP Rel 6	HSDPA Subtest-1	17.12	17.33	17.24	17.70	21.75	21.93	21.82	22.50
3GPP Rel 6	HSDPA Subtest-2	17.15	17.24	17.11	17.70	21.74	21.88	21.93	22.50
3GPP Rel 6	HSDPA Subtest-3	16.63	16.69	16.72	17.20	21.35	21.51	21.44	22.00
3GPP Rel 6	HSDPA Subtest-4	16.75	16.72	16.58	17.20	21.23	21.43	21.36	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.27	17.26	17.12	17.70	21.84	21.96	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.26	17.23	17.24	17.70	21.76	21.90	21.98	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.61	16.82	16.72	17.20	21.41	21.47	21.34	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.65	16.67	16.58	17.20	21.30	21.51	21.39	22.00
3GPP Rel 6	HSUPA Subtest-1	17.19	17.20	17.14	17.70	21.76	21.97	21.86	22.50
3GPP Rel 6	HSUPA Subtest-2	15.66	15.84	15.74	15.70	19.73	19.83	19.90	20.50
3GPP Rel 6	HSUPA Subtest-3	16.13	16.22	16.16	16.70	20.88	21.01	20.91	21.50
3GPP Rel 6	HSUPA Subtest-4	15.75	15.68	15.71	15.70	19.75	20.00	19.95	20.50
3GPP Rel 6	HSUPA Subtest-5	17.10	17.35	17.20	17.70	21.87	21.98	21.88	22.50

GSM850 Ant0 DSI3 simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.56	31.58	31.41	31.80	22.56	22.58	22.41	22.80
GPRS 1 Tx slot	31.52	31.53	31.30	31.80	22.52	22.53	22.30	22.80
GPRS 2 Tx slots	27.80	27.91	28.29	28.80	21.80	21.91	22.29	22.80
GPRS 3 Tx slots	26.29	26.24	26.72	27.00	22.03	21.98	22.46	22.74
GPRS 4 Tx slots	24.62	24.75	24.36	25.80	21.62	21.75	21.36	22.80
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0 DSI3 simultaneous

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.12	23.22	23.20	25.00	14.12	14.22	14.20	16.00
GPRS 1 Tx slot	23.10	23.22	23.19	25.00	14.10	14.22	14.19	16.00
GPRS 2 Tx slots	20.11	20.23	20.09	22.00	14.11	14.23	14.09	16.00
GPRS 3 Tx slots	19.02	18.69	18.61	20.20	14.76	14.43	14.35	15.94
GPRS 4 Tx slots	17.67	17.77	17.32	19.00	14.67	14.77	14.32	16.00
EDGE 1 Tx slot	23.72	23.35	23.33	25.00	14.72	14.35	14.33	16.00
EDGE 2 Tx slots	20.62	20.41	20.67	22.00	14.62	14.41	14.67	16.00
EDGE 3 Tx slots	18.78	18.35	18.41	20.26	14.52	14.09	14.15	16.00
EDGE 4 Tx slots	17.53	17.18	17.23	19.00	14.53	14.18	14.23	16.00

WCDMA II Ant0 DSI3 simultaneous

WCDMA V Ant0 DSI3 simultaneous

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.03	14.11	13.96	14.70	21.76	21.87	21.82	22.20
3GPP Rel 99	RMC 12.2Kbps	14.13	14.18	14.12	14.70	21.84	21.98	21.93	22.20
3GPP Rel 6	HSDPA Subtest-1	13.18	13.09	13.22	13.70	20.77	20.96	20.87	21.20
3GPP Rel 6	HSDPA Subtest-2	13.18	13.22	13.06	13.70	20.82	20.90	20.91	21.20
3GPP Rel 6	HSDPA Subtest-3	12.57	12.67	12.67	13.20	20.36	20.53	20.34	20.70
3GPP Rel 6	HSDPA Subtest-4	12.62	12.60	12.56	13.20	20.29	20.43	20.40	20.70
3GPP Rel 8	DC-HSDPA Subtest-1	13.03	13.15	13.12	13.70	20.89	21.04	21.00	21.20
3GPP Rel 8	DC-HSDPA Subtest-2	13.15	13.24	13.05	13.70	20.88	21.08	21.01	21.20
3GPP Rel 8	DC-HSDPA Subtest-3	12.67	12.71	12.71	13.20	20.36	20.58	20.41	20.70
3GPP Rel 8	DC-HSDPA Subtest-4	12.64	12.63	12.57	13.20	20.41	20.42	20.46	20.70
3GPP Rel 6	HSUPA Subtest-1	13.05	13.23	13.10	13.70	20.81	20.97	20.98	21.20
3GPP Rel 6	HSUPA Subtest-2	11.20	11.15	11.21	11.70	18.81	18.99	18.96	19.20
3GPP Rel 6	HSUPA Subtest-3	12.23	12.22	12.22	12.70	19.92	19.89	20.02	20.20
3GPP Rel 6	HSUPA Subtest-4	11.13	11.18	11.16	11.70	18.88	18.91	18.86	19.20
3GPP Rel 6	HSUPA Subtest-5	13.15	13.24	13.21	13.70	20.85	20.93	20.88	21.20

GSM850 Ant1 DSI3 standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 2 Tx slots	29.28	29.04	29.05	30.00	23.28	23.04	23.05	24.00
GPRS 3 Tx slots	28.08	28.14	28.08	29.50	23.82	23.88	23.82	25.24
GPRS 4 Tx slots	26.32	26.03	26.01	27.50	23.32	23.03	23.01	24.50
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1 DSI3 standalone

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.61	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	23.54	23.87	23.77	24.50
3GPP Rel 6	HSDPA Subtest-1	22.65	22.77	22.90	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.74	22.89	23.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.28	22.40	23.00
3GPP Rel 6	HSDPA Subtest-4	22.13	22.25	22.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.72	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.58	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.17	22.25	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.21	22.46	23.00
3GPP Rel 6	HSUPA Subtest-1	22.62	22.76	22.86	23.50
3GPP Rel 6	HSUPA Subtest-2	20.60	20.73	20.84	21.50
3GPP Rel 6	HSUPA Subtest-3	21.63	21.71	21.83	22.50
3GPP Rel 6	HSUPA Subtest-4	20.62	20.67	20.85	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.80	23.50

GSM850 Ant1 DSI3 simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.82	31.80	32.25	32.40	22.82	22.80	23.25	23.40
GPRS 1 Tx slot	31.79	31.78	32.23	32.40	22.79	22.78	23.23	23.40
GPRS 2 Tx slots	28.70	28.54	28.53	29.40	22.70	22.54	22.53	23.40
GPRS 3 Tx slots	26.86	26.93	26.92	27.70	22.60	22.67	22.66	23.44
GPRS 4 Tx slots	25.68	25.45	25.40	26.40	22.68	22.45	22.40	23.40
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1 DSI3 simultaneous

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.61	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	23.51	23.77	23.58	24.50
3GPP Rel 6	HSDPA Subtest-1	22.65	22.77	22.90	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.74	22.89	23.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.28	22.40	23.00
3GPP Rel 6	HSDPA Subtest-4	22.13	22.25	22.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.72	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.58	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.17	22.25	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.21	22.46	23.00
3GPP Rel 6	HSUPA Subtest-1	22.62	22.76	22.86	23.50
3GPP Rel 6	HSUPA Subtest-2	20.60	20.73	20.84	21.50
3GPP Rel 6	HSUPA Subtest-3	21.63	21.71	21.83	22.50
3GPP Rel 6	HSUPA Subtest-4	20.62	20.67	20.85	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.80	23.50

Band 2 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.57	18.78	18.62	19.1	0
20	QPSK	1	49	18.63	18.63	18.65		
20	QPSK	1	99	18.61	18.65	18.67		
20	QPSK	50	0	18.59	18.71	18.66	19.1	0
20	QPSK	50	24	18.52	18.59	18.7		
20	QPSK	50	50	18.52	18.7	18.64		
20	QPSK	100	0	18.6	18.7	18.67		
20	16QAM	1	0	18.41	18.67	18.51	19.1	0
20	16QAM	1	49	18.56	18.58	18.48		
20	16QAM	1	99	18.52	18.49	18.51		
20	16QAM	50	0	18.46	18.61	18.63	19.1	0
20	16QAM	50	24	18.46	18.56	18.66		
20	16QAM	50	50	18.41	18.56	18.6		
20	16QAM	100	0	18.43	18.66	18.52		
20	64QAM	1	0	18.45	18.69	18.59	19.1	0
20	64QAM	1	49	18.55	18.59	18.62		
20	64QAM	1	99	18.56	18.48	18.62		
20	64QAM	50	0	18.54	18.59	18.61	19.1	0
20	64QAM	50	24	18.43	18.56	18.62		
20	64QAM	50	50	18.45	18.59	18.65		
20	64QAM	100	0	18.48	18.58	18.59		
20	256QAM	1	0	18.42	18.67	18.52	19.1	0
20	256QAM	1	49	18.51	18.54	18.47		
20	256QAM	1	99	18.49	18.5	18.56		
20	256QAM	50	0	18.57	18.51	18.5	19.1	0
20	256QAM	50	24	18.44	18.41	18.55		
20	256QAM	50	50	18.4	18.64	18.6		
20	256QAM	100	0	18.48	18.54	18.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.53	18.65	18.49	19.1	0
15	QPSK	1	37	18.6	18.48	18.62		
15	QPSK	1	74	18.58	18.53	18.6		
15	QPSK	36	0	18.44	18.64	18.56	19.1	0
15	QPSK	36	20	18.39	18.52	18.6		
15	QPSK	36	39	18.42	18.68	18.46		
15	QPSK	75	0	18.58	18.58	18.49		
15	16QAM	1	0	18.33	18.52	18.38	19.1	0
15	16QAM	1	37	18.46	18.53	18.39		
15	16QAM	1	74	18.37	18.46	18.45		
15	16QAM	36	0	18.31	18.45	18.45	19.1	0
15	16QAM	36	20	18.37	18.52	18.51		
15	16QAM	36	39	18.32	18.51	18.43		
15	16QAM	75	0	18.25	18.58	18.46		
15	64QAM	1	0	18.28	18.66	18.45	19.1	0
15	64QAM	1	37	18.47	18.56	18.51		
15	64QAM	1	74	18.52	18.44	18.56		
15	64QAM	36	0	18.51	18.45	18.56	19.1	0
15	64QAM	36	20	18.4	18.41	18.46		
15	64QAM	36	39	18.33	18.53	18.55		
15	64QAM	75	0	18.35	18.52	18.51		
15	256QAM	1	0	18.31	18.55	18.49	19.1	0
15	256QAM	1	37	18.49	18.38	18.35		
15	256QAM	1	74	18.43	18.46	18.48		
15	256QAM	36	0	18.4	18.39	18.41	19.1	0
15	256QAM	36	20	18.34	18.28	18.45		
15	256QAM	36	39	18.25	18.62	18.42		
15	256QAM	75	0	18.45	18.43	18.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.49	18.73	18.59	19.1	0
10	QPSK	1	25	18.46	18.48	18.52		
10	QPSK	1	49	18.47	18.6	18.49		
10	QPSK	25	0	18.5	18.54	18.56	19.1	0
10	QPSK	25	12	18.35	18.42	18.55		
10	QPSK	25	25	18.46	18.62	18.47		
10	QPSK	50	0	18.46	18.57	18.51		
10	16QAM	1	0	18.31	18.52	18.33	19.1	0
10	16QAM	1	25	18.41	18.44	18.36		
10	16QAM	1	49	18.47	18.32	18.48		
10	16QAM	25	0	18.29	18.58	18.48	19.1	0
10	16QAM	25	12	18.41	18.49	18.63		
10	16QAM	25	25	18.35	18.47	18.56		
10	16QAM	50	0	18.38	18.48	18.43		
10	64QAM	1	0	18.35	18.57	18.45	19.1	0
10	64QAM	1	25	18.52	18.44	18.45		
10	64QAM	1	49	18.43	18.44	18.48		
10	64QAM	25	0	18.43	18.42	18.5	19.1	0
10	64QAM	25	12	18.35	18.4	18.46		
10	64QAM	25	25	18.29	18.57	18.48		
10	64QAM	50	0	18.4	18.53	18.44		
10	256QAM	1	0	18.24	18.62	18.4	19.1	0
10	256QAM	1	25	18.39	18.50	18.43		
10	256QAM	1	49	18.46	18.39	18.45		
10	256QAM	25	0	18.46	18.43	18.32	19.1	0
10	256QAM	25	12	18.35	18.32	18.43		
10	256QAM	25	25	18.34	18.47	18.52		
10	256QAM	50	0	18.33	18.48	18.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.43	18.61	18.57	19.1	0
5	QPSK	1	12	18.5	18.51	18.6		
5	QPSK	1	24	18.44	18.63	18.57		
5	QPSK	12	0	18.52	18.67	18.54	19.1	0
5	QPSK	12	7	18.46	18.44	18.57		
5	QPSK	12	13	18.35	18.55	18.47		
5	QPSK	25	0	18.58	18.59	18.62		
5	16QAM	1	0	18.31	18.6	18.34	19.1	0
5	16QAM	1	12	18.46	18.55	18.39		
5	16QAM	1	24	18.48	18.34	18.45		
5	16QAM	12	0	18.32	18.53	18.6	19.1	0
5	16QAM	12	7	18.3	18.52	18.5		
5	16QAM	12	13	18.31	18.47	18.43		
5	16QAM	25	0	18.37	18.62	18.37		
5	64QAM	1	0	18.41	18.52	18.57	19.1	0
5	64QAM	1	12	18.4	18.42	18.57		
5	64QAM	1	24	18.51	18.36	18.45		
5	64QAM	12	0	18.48	18.53	18.51	19.1	0
5	64QAM	12	7	18.39	18.5	18.47		
5	64QAM	12	13	18.38	18.52	18.58		
5	64QAM	25	0	18.36	18.46	18.47		
5	256QAM	1	0	18.35	18.5	18.35	19.1	0
5	256QAM	1	12	18.36	18.5	18.3		
5	256QAM	1	24	18.34	18.34	18.46		
5	256QAM	12	0	18.4	18.39	18.4	19.1	0
5	256QAM	12	7	18.3	18.24	18.45		
5	256QAM	12	13	18.29	18.51	18.57		
5	256QAM	25	0	18.38	18.47	18.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.45	18.62	18.44	19.1	0
3	QPSK	1	8	18.57	18.52	18.48		
3	QPSK	1	14	18.46	18.6	18.63		
3	QPSK	8	0	18.5	18.57	18.62	19.1	0
3	QPSK	8	4	18.45	18.56	18.52		
3	QPSK	8	7	18.35	18.57	18.53		
3	QPSK	15	0	18.5	18.61	18.59		
3	16QAM	1	0	18.38	18.63	18.35	19.1	0
3	16QAM	1	8	18.43	18.49	18.44		
3	16QAM	1	14	18.47	18.46	18.38		
3	16QAM	8	0	18.43	18.51	18.51	19.1	0
3	16QAM	8	4	18.34	18.54	18.57		
3	16QAM	8	7	18.32	18.45	18.54		
3	16QAM	15	0	18.36	18.51	18.34		
3	64QAM	1	0	18.4	18.63	18.53	19.1	0
3	64QAM	1	8	18.51	18.56	18.6		
3	64QAM	1	14	18.4	18.42	18.45		
3	64QAM	8	0	18.38	18.53	18.5	19.1	0
3	64QAM	8	4	18.3	18.52	18.49		
3	64QAM	8	7	18.42	18.44	18.59		
3	64QAM	15	0	18.42	18.55	18.44		
3	256QAM	1	0	18.39	18.62	18.37	19.1	0
3	256QAM	1	8	18.36	18.51	18.33		
3	256QAM	1	14	18.32	18.48	18.52		
3	256QAM	8	0	18.52	18.33	18.39	19.1	0
3	256QAM	8	4	18.37	18.32	18.49		
3	256QAM	8	7	18.35	18.49	18.47		
3	256QAM	15	0	18.41	18.51	18.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.5	18.66	18.44	19.1	0
1.4	QPSK	1	3	18.53	18.59	18.48		
1.4	QPSK	1	5	18.58	18.59	18.51		
1.4	QPSK	3	0	18.46	18.57	18.63		
1.4	QPSK	3	1	18.49	18.47	18.57		
1.4	QPSK	3	3	18.44	18.63	18.62		
1.4	QPSK	6	0	18.43	18.66	18.57	19.1	0
1.4	16QAM	1	0	18.38	18.5	18.48	19.1	0
1.4	16QAM	1	3	18.5	18.41	18.38		
1.4	16QAM	1	5	18.38	18.38	18.47		
1.4	16QAM	3	0	18.39	18.47	18.53		
1.4	16QAM	3	1	18.3	18.47	18.51		
1.4	16QAM	3	3	18.27	18.42	18.46		
1.4	16QAM	6	0	18.34	18.52	18.39	19.1	0
1.4	64QAM	1	0	18.31	18.6	18.49	19.1	0
1.4	64QAM	1	3	18.5	18.51	18.52		
1.4	64QAM	1	5	18.51	18.43	18.45		
1.4	64QAM	3	0	18.51	18.54	18.45		
1.4	64QAM	3	1	18.28	18.51	18.6		
1.4	64QAM	3	3	18.4	18.43	18.5		
1.4	64QAM	6	0	18.45	18.53	18.53	19.1	0
1.4	256QAM	1	0	18.27	18.52	18.46	19.1	0
1.4	256QAM	1	3	18.43	18.37	18.36		
1.4	256QAM	1	5	18.47	18.39	18.41		
1.4	256QAM	3	0	18.46	18.35	18.39		
1.4	256QAM	3	1	18.41	18.25	18.44		
1.4	256QAM	3	3	18.24	18.52	18.49		
1.4	256QAM	6	0	18.35	18.44	18.41	19.1	0

Band 4 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.34	18.56	18.27	19.2	0
20	QPSK	1	49	18.26	18.46	18.46		
20	QPSK	1	99	18.34	18.28	18.34		
20	QPSK	50	0	18.26	18.46	18.22	19.2	0
20	QPSK	50	24	18.19	18.30	18.30		
20	QPSK	50	50	18.17	18.37	18.37		
20	QPSK	100	0	18.24	18.40	18.30		
20	16QAM	1	0	18.22	18.35	18.27	19.2	0
20	16QAM	1	49	18.28	18.35	18.28		
20	16QAM	1	99	18.26	18.14	18.27		
20	16QAM	50	0	18.12	18.28	18.34	19.2	0
20	16QAM	50	24	18.04	18.16	18.39		
20	16QAM	50	50	18.26	18.27	18.26		
20	16QAM	100	0	18.15	18.33	18.27		
20	64QAM	1	0	18.19	18.39	18.25	19.2	0
20	64QAM	1	49	18.17	18.16	18.20		
20	64QAM	1	99	18.35	18.13	18.30		
20	64QAM	50	0	18.15	18.24	18.32	19.2	0
20	64QAM	50	24	18.29	18.20	18.30		
20	64QAM	50	50	18.11	18.23	18.33		
20	64QAM	100	0	18.25	18.32	18.23		
20	256QAM	1	0	18.16	18.23	18.13	19.2	0
20	256QAM	1	49	18.21	18.07	18.22		
20	256QAM	1	99	18.14	18.00	18.07		
20	256QAM	50	0	18.16	18.17	18.08	19.2	0
20	256QAM	50	24	18.01	17.93	18.23		
20	256QAM	50	50	18.09	18.14	18.16		
20	256QAM	100	0	18.10	18.04	18.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.20	18.52	18.12	19.2	0
15	QPSK	1	37	18.15	18.38	18.32		
15	QPSK	1	74	18.23	18.20	18.29		
15	QPSK	36	0	18.10	18.31	18.10	19.2	0
15	QPSK	36	20	18.13	18.15	18.21		
15	QPSK	36	39	18.13	18.31	18.31		
15	QPSK	75	0	18.13	18.35	18.19		
15	16QAM	1	0	18.18	18.21	18.21	19.2	0
15	16QAM	1	37	18.23	18.26	18.19		
15	16QAM	1	74	18.18	18.09	18.19		
15	16QAM	36	0	18.05	18.23	18.20	19.2	0
15	16QAM	36	20	17.93	18.12	18.24		
15	16QAM	36	39	18.15	18.19	18.21		
15	16QAM	75	0	18.02	18.26	18.12		
15	64QAM	1	0	18.05	18.24	18.14	19.2	0
15	64QAM	1	37	18.06	18.01	18.16		
15	64QAM	1	74	18.30	18.04	18.20		
15	64QAM	36	0	18.02	18.16	18.18	19.2	0
15	64QAM	36	20	18.17	18.05	18.19		
15	64QAM	36	39	18.05	18.10	18.27		
15	64QAM	75	0	18.16	18.18	18.11		
15	256QAM	1	0	18.07	18.12	17.98	19.2	0
15	256QAM	1	37	18.10	18.00	18.16		
15	256QAM	1	74	18.05	17.90	17.91		
15	256QAM	36	0	18.12	18.02	18.01	19.2	0
15	256QAM	36	20	17.90	17.88	18.17		
15	256QAM	36	39	17.77	18.09	18.24		
15	256QAM	75	0	18.00	17.81	18.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.30	18.46	18.15	19.2	0
10	QPSK	1	25	18.21	18.39	18.36		
10	QPSK	1	49	18.20	18.27	18.27		
10	QPSK	25	0	18.19	18.38	18.11	19.2	0
10	QPSK	25	12	18.08	18.18	18.22		
10	QPSK	25	25	18.03	18.27	18.29		
10	QPSK	50	0	18.09	18.34	18.24		
10	16QAM	1	0	18.17	18.29	18.15	19.2	0
10	16QAM	1	25	18.12	18.25	18.21		
10	16QAM	1	49	18.20	18.01	18.18		
10	16QAM	25	0	17.97	18.17	18.26	19.2	0
10	16QAM	25	12	17.89	18.07	18.29		
10	16QAM	25	25	18.22	18.12	18.21		
10	16QAM	50	0	18.02	18.20	18.13		
10	64QAM	1	0	18.06	18.29	18.20	19.2	0
10	64QAM	1	25	18.04	18.11	18.15		
10	64QAM	1	49	18.26	18.04	18.21		
10	64QAM	25	0	18.11	18.21	18.22	19.2	0
10	64QAM	25	12	18.14	18.12	18.26		
10	64QAM	25	25	17.97	18.13	18.17		
10	64QAM	50	0	18.12	18.20	18.10		
10	256QAM	1	0	18.11	18.12	18.00	19.2	0
10	256QAM	1	25	18.12	17.95	18.16		
10	256QAM	1	49	18.08	17.84	18.00		
10	256QAM	25	0	18.09	18.11	17.92	19.2	0
10	256QAM	25	12	17.92	17.80	18.12		
10	256QAM	25	25	17.78	18.02	18.02		
10	256QAM	50	0	18.03	17.83	17.98		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.27	18.41	18.20	19.2	0
5	QPSK	1	12	18.20	18.34	18.30		
5	QPSK	1	24	18.24	18.19	18.26		
5	QPSK	12	0	18.12	18.36	18.12	19.2	0
5	QPSK	12	7	18.10	18.17	18.23		
5	QPSK	12	13	18.06	18.27	18.26		
5	QPSK	25	0	18.12	18.31	18.17		
5	16QAM	1	0	18.16	18.26	18.22	19.2	0
5	16QAM	1	12	18.20	18.20	18.20		
5	16QAM	1	24	18.14	18.08	18.12		
5	16QAM	12	0	18.01	18.20	18.25	19.2	0
5	16QAM	12	7	17.88	18.11	18.25		
5	16QAM	12	13	18.16	18.22	18.22		
5	16QAM	25	0	18.04	18.18	18.22		
5	64QAM	1	0	18.11	18.34	18.16	19.2	0
5	64QAM	1	12	18.06	18.06	18.07		
5	64QAM	1	24	18.28	18.03	18.21		
5	64QAM	12	0	18.02	18.16	18.18	19.2	0
5	64QAM	12	7	18.22	18.10	18.22		
5	64QAM	12	13	17.95	18.14	18.21		
5	64QAM	25	0	18.18	18.24	18.17		
5	256QAM	1	0	18.09	18.17	17.97	19.2	0
5	256QAM	1	12	18.12	17.96	18.10		
5	256QAM	1	24	18.09	17.93	17.92		
5	256QAM	12	0	18.01	18.09	18.04	19.2	0
5	256QAM	12	7	17.88	17.83	18.18		
5	256QAM	12	13	17.76	18.05	18.04		
5	256QAM	25	0	17.98	17.81	17.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.25	18.47	18.21	19.2	0
3	QPSK	1	8	18.18	18.39	18.38		
3	QPSK	1	14	18.25	18.24	18.23		
3	QPSK	8	0	18.13	18.33	18.06	19.2	0
3	QPSK	8	4	18.14	18.14	18.19		
3	QPSK	8	7	18.09	18.31	18.28		
3	QPSK	15	0	18.09	18.29	18.21		
3	16QAM	1	0	18.12	18.26	18.22	19.2	0
3	16QAM	1	8	18.13	18.26	18.15		
3	16QAM	1	14	18.17	18.08	18.12		
3	16QAM	8	0	18.01	18.22	18.18	19.2	0
3	16QAM	8	4	17.99	18.04	18.24		
3	16QAM	8	7	18.13	18.22	18.21		
3	16QAM	15	0	18.11	18.20	18.18		
3	64QAM	1	0	18.14	18.26	18.15	19.2	0
3	64QAM	1	8	18.13	18.07	18.08		
3	64QAM	1	14	18.26	18.07	18.15		
3	64QAM	8	0	18.03	18.09	18.18	19.2	0
3	64QAM	8	4	18.19	18.04	18.19		
3	64QAM	8	7	17.99	18.18	18.17		
3	64QAM	15	0	18.14	18.22	18.12		
3	256QAM	1	0	18.09	18.14	18.02	19.2	0
3	256QAM	1	8	18.09	18.01	18.17		
3	256QAM	1	14	17.99	17.85	18.01		
3	256QAM	8	0	18.01	18.07	17.97	19.2	0
3	256QAM	8	4	17.95	17.86	18.16		
3	256QAM	8	7	17.80	18.03	18.11		
3	256QAM	15	0	17.96	17.79	18.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.19	18.47	18.14	19.2	0
1.4	QPSK	1	3	18.20	18.34	18.35		
1.4	QPSK	1	5	18.28	18.29	18.30		
1.4	QPSK	3	0	18.18	18.38	18.10		
1.4	QPSK	3	1	18.12	18.24	18.14		
1.4	QPSK	3	3	18.07	18.23	18.28		
1.4	QPSK	6	0	18.19	18.35	18.20	19.2	0
1.4	16QAM	1	0	18.14	18.22	18.15	19.2	0
1.4	16QAM	1	3	18.18	18.24	18.12		
1.4	16QAM	1	5	18.18	18.00	18.21		
1.4	16QAM	3	0	18.00	18.15	18.25		
1.4	16QAM	3	1	17.98	18.09	18.32		
1.4	16QAM	3	3	18.19	18.12	18.12		
1.4	16QAM	6	0	18.09	18.28	18.12	19.2	0
1.4	64QAM	1	0	18.11	18.25	18.15	19.2	0
1.4	64QAM	1	3	18.05	18.07	18.13		
1.4	64QAM	1	5	18.22	18.05	18.17		
1.4	64QAM	3	0	18.07	18.09	18.24		
1.4	64QAM	3	1	18.22	18.10	18.16		
1.4	64QAM	3	3	18.00	18.11	18.29		
1.4	64QAM	6	0	18.16	18.18	18.15	19.2	0
1.4	256QAM	1	0	18.09	18.09	18.03	19.2	0
1.4	256QAM	1	3	18.07	17.94	18.14		
1.4	256QAM	1	5	18.09	17.94	17.93		
1.4	256QAM	3	0	18.05	18.10	18.02		
1.4	256QAM	3	1	17.96	17.80	18.16		
1.4	256QAM	3	3	17.78	18.10	18.09		
1.4	256QAM	6	0	17.95	17.83	18.03	19.2	0

Band 5 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.91	22.85	23.5	0
10	QPSK	1	25	22.64	22.71	22.75		
10	QPSK	1	49	22.71	22.68	22.69		
10	QPSK	25	0	22.79	22.89	22.74	23.5	0
10	QPSK	25	12	22.76	22.79	22.71		
10	QPSK	25	25	22.64	22.85	22.74		
10	QPSK	50	0	22.66	22.76	22.73		
10	16QAM	1	0	22.87	22.84	22.8	23.5	0
10	16QAM	1	25	22.67	22.79	22.78		

Band 7 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.7	18.88	18.56	20.2	0
20	QPSK	1	49	18.59	18.77	18.73		
20	QPSK	1	99	18.68	18.68	18.58		
20	QPSK	50	0	18.59	18.73	18.53	20.2	0
20	QPSK	50	24	18.46	18.6	18.59		
20	QPSK	50	50	18.5	18.72	18.66		
20	QPSK	100	0	18.5	18.69	18.58		
20	16QAM	1	0	18.53	18.64	18.63	20.2	0
20	16QAM	1	49	18.58	18.59	18.61		
20	16QAM	1	99	18.59	18.46	18.52		
20	16QAM	50	0	18.37	18.59	18.59	20.2	0
20	16QAM	50	24	18.33	18.47	18.67		
20	16QAM	50	50	18.58	18.62	18.53		
20	16QAM	100	0	18.42	18.63	18.52		
20	64QAM	1	0	18.45	18.67	18.53	20.2	0
20	64QAM	1	49	18.46	18.42	18.45		
20	64QAM	1	99	18.65	18.39	18.65		
20	64QAM	50	0	18.45	18.56	18.59	20.2	0
20	64QAM	50	24	18.54	18.45	18.61		
20	64QAM	50	50	18.47	18.57	18.66		
20	64QAM	100	0	18.56	18.62	18.53		
20	256QAM	1	0	18.41	18.51	18.43	20	0.2
20	256QAM	1	49	18.49	18.33	18.47		
20	256QAM	1	99	18.39	18.26	18.43		
20	256QAM	50	0	18.47	18.47	18.41	20	0.2
20	256QAM	50	24	18.32	18.34	18.5		
20	256QAM	50	50	18.45	18.45	18.5		
20	256QAM	100	0	18.45	18.37	18.35		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.64	18.74	18.43	20.2	0
15	QPSK	1	37	18.49	18.68	18.57		
15	QPSK	1	74	18.59	18.53	18.57		
15	QPSK	36	0	18.46	18.59	18.47	20.2	0
15	QPSK	36	20	18.33	18.48	18.52		
15	QPSK	36	39	18.41	18.66	18.57		
15	QPSK	75	0	18.36	18.53	18.43		
15	16QAM	1	0	18.46	18.51	18.51	20.2	0
15	16QAM	1	37	18.51	18.55	18.55		
15	16QAM	1	74	18.48	18.36	18.4		
15	16QAM	36	0	18.22	18.47	18.52	20.2	0
15	16QAM	36	20	18.24	18.34	18.59		
15	16QAM	36	39	18.43	18.57	18.38		
15	16QAM	75	0	18.29	18.57	18.37		
15	64QAM	1	0	18.34	18.54	18.38	20.2	0
15	64QAM	1	37	18.41	18.31	18.37		
15	64QAM	1	74	18.58	18.33	18.57		
15	64QAM	36	0	18.35	18.44	18.52	20.2	0
15	64QAM	36	20	18.4	18.3	18.47		
15	64QAM	36	39	18.4	18.43	18.55		
15	64QAM	75	0	18.45	18.57	18.39		
15	256QAM	1	0	18.26	18.37	18.32	20	0.2
15	256QAM	1	37	18.43	18.2	18.42		
15	256QAM	1	74	18.28	18.3	18.31		
15	256QAM	36	0	18.33	18.31	18.25	20	0.2
15	256QAM	36	20	18.54	18.54	18.39		
15	256QAM	36	39	18.28	18.35	18.39		
15	256QAM	75	0	18.3	18.28	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.61	18.79	18.52	20.2	0
10	QPSK	1	25	18.44	18.62	18.67		
10	QPSK	1	49	18.59	18.58	18.53		
10	QPSK	25	0	18.52	18.62	18.44	20.2	0
10	QPSK	25	12	18.41	18.52	18.47		
10	QPSK	25	25	18.4	18.56	18.55		
10	QPSK	50	0	18.37	18.6	18.52		
10	16QAM	1	0	18.43	18.49	18.47	20.2	0
10	16QAM	1	25	18.43	18.53	18.51		
10	16QAM	1	49	18.49	18.31	18.46		
10	16QAM	25	0	18.3	18.47	18.53	20.2	0
10	16QAM	25	12	18.54	18.32	18.62		
10	16QAM	25	25	18.47	18.52	18.47		
10	16QAM	50	0	18.31	18.56	18.37		
10	64QAM	1	0	18.31	18.53	18.45	20.2	0
10	64QAM	1	25	18.36	18.3	18.31		
10	64QAM	1	49	18.56	18.25	18.56		
10	64QAM	25	0	18.4	18.43	18.43	20.2	0
10	64QAM	25	12	18.47	18.29	18.47		
10	64QAM	25	25	18.32	18.51	18.58		
10	64QAM	50	0	18.47	18.54	18.45		
10	256QAM	1	0	18.28	18.41	18.28	20	0.2
10	256QAM	1	25	18.34	18.27	18.43		
10	256QAM	1	49	18.28	18.35	18.35		
10	256QAM	25	0	18.35	18.37	18.3	20	0.2
10	256QAM	25	12	18.54	18.35	18.35		
10	256QAM	25	25	18.35	18.4	18.46		
10	256QAM	50	0	18.3	18.26	18.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.45	18.79	18.5	20.2	0
5	QPSK	1	12	18.48	18.69	18.61		
5	QPSK	1	24	18.54	18.52	18.57		
5	QPSK	12	0	18.47	18.6	18.43	20.2	0
5	QPSK	12	7	18.39	18.54	18.43		
5	QPSK	12	13	18.34	18.58	18.58		
5	QPSK	25	0	18.44	18.57	18.42		
5	16QAM	1	0	18.47	18.59	18.49	20.2	0
5	16QAM	1	12	18.46	18.5	18.5		
5	16QAM	1	24	18.43	18.41	18.4		
5	16QAM	12	0	18.29	18.43	18.52	20.2	0
5	16QAM	12	7	18.24	18.36	18.63		
5	16QAM	12	13	18.48	18.56	18.42		
5	16QAM	25	0	18.37	18.5	18.43		
5	64QAM	1	0	18.31	18.52	18.44	20.2	0
5	64QAM	1	12	18.32	18.35	18.37		
5	64QAM	1	24	18.4	18.24	18.56		
5	64QAM	12	0	18.4	18.42	18.45	20.2	0
5	64QAM	12	7	18.4	18.33	18.45		
5	64QAM	12	13	18.4	18.45	18.59		
5	64QAM	25	0	18.49	18.55	18.47		
5	256QAM	1	0	18.3	18.46	18.35	20	0.2
5	256QAM	1	12	18.37	18.27	18.35		
5	256QAM	1	24	18.3	18.35	18.28		
5	256QAM	12	0	18.39	18.4	18.26	20	0.2
5	256QAM	12	7	18.23	18.35	18.36		
5	256QAM	12	13	18.36	18.37	18.4		
5	256QAM	25	0	18.36	18.33	18.3		

Band 12 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.76	22.61	24	0
10	QPSK	1	25	22.65	22.66	22.64		
10	QPSK	1	49	22.61	22.62	22.61		
10	QPSK	25	0	22.64	22.75	22.62	24	0
10	QPSK	25	12	22.59	22.58	22.72		
10	QPSK	25	25	22.7	22.67	22.71		
10	QPSK	50	0	22.7	22.75	22.71		
10	16QAM	1	0	22.56	22.57	22.52	24	0
10	16QAM	1	25	22.5	22.47	22.5		
10	16QAM	1	49	22.51	22.47	22.59		
10	16QAM	25	0	22.49	22.53	22.49	24	0
10	16QAM	25	12	22.64	22.7	22.59		
10	16QAM	25	25	22.53	22.61	22.6		
10	16QAM	50	0	22.52	22.64	22.69		
10	64QAM	1	0	22.51	22.59	22.61	24	0
10	64QAM	1	25	22.5	22.48	22.57		
10	64QAM	1	49	22.42	22.57	22.45		
10	64QAM	25	0	22.63	22.56	22.46	24	0
10	64QAM	25	12	22.62	22.7	22.65		
10	64QAM	25	25	22.52	22.49	22.56		
10	64QAM	50	0	22.59	22.62	22.59		
10	256QAM	1	0	19.06	19.25	19.31	20	4
10	256QAM	1	25	19.1	19.27	19.12		
10	256QAM	1	49	19.02	19.29	19.12		
10	256QAM	25	0	18.89	19	18.91	20	4
10	256QAM	25	12	18.84	18.85	19.02		
10	256QAM	25	25	18.86	18.77	18.88		
10	256QAM	50	0	18.93	18.89	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.5	22.57	22.54	24	0
5	QPSK	1	12	22.62	22.53	22.6		
5	QPSK	1	24	22.55	22.6	22.42		
5	QPSK	12	0	22.63	22.62	22.46	24	0
5	QPSK	12	7	22.48	22.54	22.68		
5	QPSK	12	13	22.63	22.54	22.57		
5	QPSK	25	0	22.6	22.74	22.56		
5	16QAM	1	0	22.49	22.41	22.5	24	0
5	16QAM	1	12	22.32	22.28	22.4		
5	16QAM	1	24	22.38	22.43	22.48		
5	16QAM	12	0	22.48	22.42	22.46	24	0
5	16QAM	12	7	22.54	22.69	22.42		
5	16QAM	12	13	22.44	22.54	22.56		
5	16QAM	25	0	22.39	22.58	22.5		
5	64QAM	1	0	22.48	22.42	22.57	24	0
5	64QAM	1	12	22.41	22.46	22.54		
5	64QAM	1	24	22.35	22.55	22.3		
5	64QAM	12	0	22.6	22.46	22.3	24	0
5	64QAM	12	7	22.46	22.61	22.59		
5	64QAM	12	13	22.42	22.42	22.38		
5	64QAM	25	0	22.41	22.58	22.49		
5	256QAM	1	0	19	19.17	19.27	20	4
5	256QAM	1	12	19.07	19.25	19.02		
5	256QAM	1	24	18.95	19.26	19.09		
5	256QAM	12	0	18.83	18.91	18.84	20	4
5	256QAM	12	7	18.8	18.81	18.99		
5	256QAM	12	13	18.79	18.74	18.83		
5	256QAM	25	0	18.92	18.82	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.47	22.59	22.49	24	0
3	QPSK	1	8	22.55	22.48	22.62		
3	QPSK	1	14	22.52	22.52	22.45		
3	QPSK	8	0	22.52	22.66	22.44	24	0
3	QPSK	8	4	22.47	22.46	22.71		
3	QPSK	8	7	22.64	22.51	22.63		
3	QPSK	15	0	22.68	22.61	22.69		
3	16QAM	1	0	22.37	22.45	22.48	24	0
3	16QAM	1	8	22.49	22.36	22.34		
3	16QAM	1	14	22.46	22.42	22.44		
3	16QAM	8	0	22.39	22.49	22.41	24	0
3	16QAM	8	4	22.56	22.62	22.42		
3	16QAM	8	7	22.43	22.53	22.52		
3	16QAM	15	0	22.46	22.48	22.5		
3	64QAM	1	0	22.48	22.53	22.6	24	0
3	64QAM	1	8	22.32	22.36	22.54		
3	64QAM	1	14	22.36	22.44	22.38		
3	64QAM	8	0	22.51	22.45	22.4	24	0
3	64QAM	8	4	22.57	22.7	22.57		
3	64QAM	8	7	22.38	22.41	22.46		
3	64QAM	15	0	22.41	22.53	22.39		
3	256QAM	1	0	19.06	19.19	19.26	20	4
3	256QAM	1	8	18.99	19.17	19.02		
3	256QAM	1	14	18.95	19.2	19.09		
3	256QAM	8	0	18.79	18.95	18.86	20	4
3	256QAM	8	4	18.76	18.81	18.97		
3	256QAM	8	7	18.83	18.71	18.82		
3	256QAM	15	0	18.86	18.88	18.81		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.62	22.58	22.55	24	0
1.4	QPSK	1	3	22.56	22.65	22.61		
1.4	QPSK	1	5	22.53	22.5	22.46		
1.4	QPSK	3	0	22.58	22.67	22.51		
1.4	QPSK	3	1	22.47	22.49	22.51		
1.4	QPSK	3	3	22.53	22.54	22.56		
1.4	QPSK	6	0	22.5	22.65	22.71	24	0
1.4	16QAM	1	0	22.49	22.54	22.5	24	0
1.4	16QAM	1	3	22.45	22.45	22.43		
1.4	16QAM	1	5	22.4	22.36	22.47		
1.4	16QAM	3	0	22.31	22.33	22.48		
1.4	16QAM	3	1	22.52	22.64	22.44		
1.4	16QAM	3	3	22.44	22.5	22.46		
1.4	16QAM	6	0	22.36	22.56	22.63	24	0
1.4	64QAM	1	0	22.41	22.54	22.49	24	0
1.4	64QAM	1	3	22.46	22.36	22.37		
1.4	64QAM	1	5	22.25	22.53	22.4		
1.4	64QAM	3	0	22.47	22.42	22.4		
1.4	64QAM	3	1	22.59	22.68	22.49		
1.4	64QAM	3	3	22.48	22.42	22.53		
1.4	64QAM	6	0	22.43	22.6	22.41	24	0
1.4	256QAM	1	0	18.97	19.16	19.26	20	4
1.4	256QAM	1	3	19	19.19	19.05		
1.4	256QAM	1	5	18.99	19.29	19.08		
1.4	256QAM	3	0	18.84	18.96	18.85		
1.4	256QAM	3	1	18.82	18.86	18.94		
1.4	256QAM	3	3	18.76	18.75	18.77		
1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.79			
10	16QAM	1	0		22.5		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.6		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.9	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.5	19.38		
5	256QAM	12	0	19.1	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

Band 66 Ant0 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.56	18.59	18.35	19.2	0
20	QPSK	1	49	18.4	18.57	18.53		
20	QPSK	1	99	18.48	18.43	18.44		
20	QPSK	50	0	18.42	18.57	18.37	19.2	0
20	QPSK	50	24	18.23	18.47	18.33		
20	QPSK	50	50	18.35	18.5	18.47		
20	QPSK	100	0	18.23	18.51	18.38		
20	16QAM	1	0	18.36	18.37	18.5	19.2	0
20	16QAM	1	49	18.39	18.35	18.34		
20	16QAM	1	99	18.45	18.33	18.32		
20	16QAM	50	0	18.08	18.36	18.35	19.2	0
20	16QAM	50	24	18.3	18.24	18.45		
20	16QAM	50	50	18.43	18.41	18.35		
20	16QAM	100	0	18.25	18.37	18.36		
20	64QAM	1	0	18.21	18.42	18.29	19.2	0
20	64QAM	1	49	18.27	18.23	18.2		
20	64QAM	1	99	18.45	18.28	18.41		
20	64QAM	50	0	18.08	18.45	18.43	19.2	0
20	64QAM	50	24	18.31	18.26	18.41		
20	64QAM	50	50	18.42	18.41	18.32		
20	64QAM	100	0	18.14	18.45	18.27		
20	256QAM	1	0	18.25	18.37	18.36	19.2	0
20	256QAM	1	49	18.32	18.3	18.22		
20	256QAM	1	99	18.44	18.31	18.4		
20	256QAM	50	0	18.39	18.43	18.49	19.2	0
20	256QAM	50	24	18.25	18.41	18.37		
20	256QAM	50	50	18.31	18.4	18.44		
20	256QAM	100	0	18.33	18.4	18.42		
Channel				132047	132222	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.5	18.54	18.25	19.2	0
15	QPSK	1	37	18.29	18.47	18.38		
15	QPSK	1	74	18.33	18.27	18.33		
15	QPSK	36	0	18.33	18.42	18.29	19.2	0
15	QPSK	36	20	18.19	18.34	18.27		
15	QPSK	36	39	18.28	18.39	18.35		
15	QPSK	75	0	18.09	18.39	18.29		
15	16QAM	1	0	18.25	18.29	18.42	19.2	0
15	16QAM	1	37	18.34	18.24	18.22		
15	16QAM	1	74	18.36	18.26	18.25		
15	16QAM	36	0	17.95	18.21	18.3	19.2	0
15	16QAM	36	20	18.16	18.16	18.41		
15	16QAM	36	39	18.38	18.37	18.21		
15	16QAM	75	0	18.2	18.24	18.29		
15	64QAM	1	0	18.11	18.27	18.15	19.2	0
15	64QAM	1	37	18.15	18.11	18.08		
15	64QAM	1	74	18.38	18.13	18.35		
15	64QAM	36	0	17.97	18.31	18.32	19.2	0
15	64QAM	36	20	18.22	18.21	18.36		
15	64QAM	36	39	18.35	18.36	18.26		
15	64QAM	75	0	18.02	18.38	18.19		
15	256QAM	1	0	18.21	18.22	18.24	19.2	0
15	256QAM	1	37	18.19	18.26	18.16		
15	256QAM	1	74	18.4	18.16	18.35		
15	256QAM	36	0	18.24	18.35	18.4	19.2	0
15	256QAM	36	20	18.16	18.31	18.32		
15	256QAM	36	39	18.26	18.38	18.35		
15	256QAM	75	0	18.17	18.25	18.28		
Channel				132022	132222	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.42	18.44	18.2	19.2	0
10	QPSK	1	25	18.27	18.48	18.44		
10	QPSK	1	49	18.34	18.38	18.37		
10	QPSK	25	0	18.32	18.5	18.27	19.2	0
10	QPSK	25	12	18.1	18.33	18.22		
10	QPSK	25	25	18.24	18.42	18.41		
10	QPSK	50	0	18.08	18.41	18.26		
10	16QAM	1	0	18.24	18.3	18.43	19.2	0
10	16QAM	1	25	18.29	18.22	18.25		
10	16QAM	1	49	18.38	18.19	18.25		
10	16QAM	25	0	18.02	18.27	18.31	19.2	0
10	16QAM	25	12	18.2	18.2	18.38		
10	16QAM	25	25	18.39	18.32	18.21		
10	16QAM	50	0	18.12	18.21	18.31		
10	64QAM	1	0	18.16	18.32	18.18	19.2	0
10	64QAM	1	25	18.23	18.07	18.11		
10	64QAM	1	49	18.4	18.23	18.27		
10	64QAM	25	0	18.02	18.32	18.

Band 2 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.56	14.8	14.44	15.7	0
20	QPSK	1	49	14.56	14.68	14.74		
20	QPSK	1	99	14.69	14.52	14.46		
20	QPSK	50	0	14.47	14.63	14.36	15.7	0
20	QPSK	50	24	14.43	14.5	14.39		
20	QPSK	50	50	14.46	14.46	14.51		
20	QPSK	100	0	14.43	14.55	14.47		
20	16QAM	1	0	14.42	14.42	14.41	15.7	0
20	16QAM	1	49	14.41	14.49	14.45		
20	16QAM	1	99	14.43	14.47	14.52		
20	16QAM	50	0	14.3	14.29	14.48	15.7	0
20	16QAM	50	24	14.39	14.41	14.54		
20	16QAM	50	50	14.52	14.38	14.39		
20	16QAM	100	0	14.34	14.49	14.42		
20	64QAM	1	0	14.33	14.51	14.43	15.7	0
20	64QAM	1	49	14.36	14.6	14.41		
20	64QAM	1	99	14.34	14.54	14.44		
20	64QAM	50	0	14.31	14.35	14.25	15.7	0
20	64QAM	50	24	14.32	14.42	14.38		
20	64QAM	50	50	14.38	14.35	14.4		
20	64QAM	100	0	14.4	14.36	14.35		
20	256QAM	1	0	14.42	14.31	14.4	15.7	0
20	256QAM	1	49	14.48	14.27	14.51		
20	256QAM	1	99	14.31	14.37	14.29		
20	256QAM	50	0	14.26	14.38	14.31	15.7	0
20	256QAM	50	24	14.32	14.3	14.32		
20	256QAM	50	50	14.31	14.45	14.33		
20	256QAM	100	0	14.29	14.4	14.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.43	14.75	14.4	15.7	0
15	QPSK	1	37	14.45	14.59	14.65		
15	QPSK	1	74	14.58	14.37	14.37		
15	QPSK	36	0	14.33	14.53	14.27	15.7	0
15	QPSK	36	20	14.3	14.39	14.3		
15	QPSK	36	39	14.33	14.39	14.44		
15	QPSK	75	0	14.36	14.46	14.33		
15	16QAM	1	0	14.31	14.35	14.28	15.7	0
15	16QAM	1	37	14.31	14.33	14.38		
15	16QAM	1	74	14.27	14.33	14.47		
15	16QAM	36	0	14.21	14.17	14.33	15.7	0
15	16QAM	36	20	14.25	14.31	14.45		
15	16QAM	36	39	14.42	14.24	14.28		
15	16QAM	75	0	14.26	14.39	14.3		
15	64QAM	1	0	14.24	14.42	14.27	15.7	0
15	64QAM	1	37	14.28	14.47	14.3		
15	64QAM	1	74	14.28	14.47	14.33		
15	64QAM	36	0	14.15	14.23	14.2	15.7	0
15	64QAM	36	20	14.19	14.31	14.26		
15	64QAM	36	39	14.29	14.21	14.33		
15	64QAM	75	0	14.31	14.23	14.29		
15	256QAM	1	0	14.3	14.23	14.35	15.7	0
15	256QAM	1	37	14.33	14.23	14.39		
15	256QAM	1	74	14.27	14.23	14.23		
15	256QAM	36	0	14.17	14.3	14.2	15.7	0
15	256QAM	36	20	14.27	14.14	14.22		
15	256QAM	36	39	14.19	14.37	14.22		
15	256QAM	75	0	14.17	14.35	14.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.47	14.71	14.31	15.7	0
10	QPSK	1	25	14.4	14.63	14.6		
10	QPSK	1	49	14.54	14.44	14.3		
10	QPSK	25	0	14.42	14.56	14.21	15.7	0
10	QPSK	25	12	14.39	14.44	14.32		
10	QPSK	25	25	14.36	14.4	14.43		
10	QPSK	50	0	14.36	14.44	14.41		
10	16QAM	1	0	14.38	14.33	14.28	15.7	0
10	16QAM	1	25	14.31	14.36	14.34		
10	16QAM	1	49	14.33	14.31	14.46		
10	16QAM	25	0	14.19	14.17	14.33	15.7	0
10	16QAM	25	12	14.27	14.28	14.41		
10	16QAM	25	25	14.4	14.28	14.27		
10	16QAM	50	0	14.28	14.42	14.36		
10	64QAM	1	0	14.25	14.4	14.32	15.7	0
10	64QAM	1	25	14.21	14.53	14.28		
10	64QAM	1	49	14.24	14.48	14.34		
10	64QAM	25	0	14.17	14.2	14.14	15.7	0
10	64QAM	25	12	14.18	14.27	14.23		
10	64QAM	25	25	14.27	14.2	14.29		
10	64QAM	50	0	14.26	14.32	14.21		
10	256QAM	1	0	14.31	14.24	14.29	15.7	0
10	256QAM	1	25	14.33	14.21	14.42		
10	256QAM	1	49	14.22	14.29	14.16		
10	256QAM	25	0	14.13	14.25	14.21	15.7	0
10	256QAM	25	12	14.26	14.24	14.2		
10	256QAM	25	25	14.26	14.41	14.24		
10	256QAM	50	0	14.14	14.25	14.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.51	14.72	14.32	15.7	0
5	QPSK	1	12	14.42	14.64	14.58		
5	QPSK	1	24	14.58	14.36	14.31		
5	QPSK	12	0	14.34	14.59	14.22	15.7	0
5	QPSK	12	7	14.29	14.34	14.28		
5	QPSK	12	13	14.35	14.37	14.42		
5	QPSK	25	0	14.39	14.47	14.37		
5	16QAM	1	0	14.33	14.31	14.35	15.7	0
5	16QAM	1	12	14.32	14.41	14.34		
5	16QAM	1	24	14.35	14.4	14.44		
5	16QAM	12	0	14.22	14.21	14.4	15.7	0
5	16QAM	12	7	14.34	14.33	14.47		
5	16QAM	12	13	14.46	14.32	14.29		
5	16QAM	25	0	14.19	14.37	14.27		
5	64QAM	1	0	14.28	14.4	14.38	15.7	0
5	64QAM	1	12	14.29	14.46	14.31		
5	64QAM	1	24	14.21	14.43	14.36		
5	64QAM	12	0	14.24	14.24	14.12	15.7	0
5	64QAM	12	7	14.27	14.33	14.33		
5	64QAM	12	13	14.23	14.27	14.29		
5	64QAM	25	0	14.26	14.23	14.26		
5	256QAM	1	0	14.31	14.24	14.32	15.7	0
5	256QAM	1	12	14.39	14.17	14.45		
5	256QAM	1	24	14.25	14.3	14.25		
5	256QAM	12	0	14.17	14.25	14.17	15.7	0
5	256QAM	12	7	14.21	14.21	14.22		
5	256QAM	12	13	14.17	14.38	14.28		
5	256QAM	25	0	14.15	14.28	14.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.4	14.65	14.3	15.7	0
3	QPSK	1	8	14.41	14.61	14.59		
3	QPSK	1	14	14.6	14.42	14.34		
3	QPSK	8	0	14.42	14.52	14.28	15.7	0
3	QPSK	8	4	14.35	14.36	14.23		
3	QPSK	8	7	14.39	14.38	14.41		
3	QPSK	15	0	14.3	14.5	14.42		
3	16QAM	1	0	14.3	14.37	14.28	15.7	0
3	16QAM	1	8	14.25	14.43	14.34		
3	16QAM	1	14	14.38	14.36	14.4		
3	16QAM	8	0	14.16	14.2	14.4	15.7	0
3	16QAM	8	4	14.28	14.34	14.4		
3	16QAM	8	7	14.44	14.3	14.31		
3	16QAM	15	0	14.29	14.42	14.32		
3	64QAM	1	0	14.23	14.37	14.38	15.7	0
3	64QAM	1	8	14.28	14.49	14.35		
3	64QAM	1	14	14.26	14.46	14.36		
3	64QAM	8	0	14.2	14.25	14.13	15.7	0
3	64QAM	8	4	14.27	14.3	14.24		
3	64QAM	8	7	14.32	14.29	14.32		
3	64QAM	15	0	14.34	14.27	14.29		
3	256QAM	1	0	14.29	14.26	14.31	15.7	0
3	256QAM	1	8	14.4	14.19	14.44		
3	256QAM	1	14	14.19	14.25	14.21		
3	256QAM	8	0	14.19	14.33	14.18	15.7	0
3	256QAM	8	4	14.23	14.21	14.27		
3	256QAM	8	7	14.16	14.29	14.2		
3	256QAM	15	0	14.22	14.33	14.32		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.48	14.66	14.35	15.7	0
1.4	QPSK	1	3	14.51	14.63	14.68		
1.4	QPSK	1	5	14.55	14.4	14.32		
1.4	QPSK	3	0	14.42	14.55	14.21		
1.4	QPSK	3	1	14.3	14.44	14.23		
1.4	QPSK	3	3	14.42	14.38	14.43		
1.4	QPSK	6	0	14.37	14.49	14.42	15.7	0
1.4	16QAM	1	0	14.27	14.37	14.32	15.7	0
1.4	16QAM	1	3	14.31	14.4	14.32		
1.4	16QAM	1	5	14.28	14.4	14.42		
1.4	16QAM	3	0	14.15	14.14	14.4		
1.4	16QAM	3	1	14.28	14.33	14.45		
1.4	16QAM	3	3	14.42	14.26	14.31		
1.4	16QAM	6	0	14.19	14.36	14.27	15.7	0
1.4	64QAM	1	0	14.23	14.43	14.36	15.7	0
1.4	64QAM	1	3	14.3	14.48	14.28		
1.4	64QAM	1	5	14.21	14.4	14.3		
1.4	64QAM	3	0	14.25	14.19	14.2		
1.4	64QAM	3	1	14.21	14.32	14.27		
1.4	64QAM	3	3	14.26	14.27	14.27		
1.4	64QAM	6	0	14.24	14.28	14.28	15.7	0
1.4	256QAM	1	0	14.36	14.22	14.31	15.7	0
1.4	256QAM	1	3	14.38	14.14	14.39		
1.4	256QAM	1	5	14.23	14.31	14.14		
1.4	256QAM	3	0	14.11	14.27	14.15		
1.4	256QAM	3	1	14.19	14.17	14.19		
1.4	256QAM	3	3	14.2	14.39	14.25		
1.4	256QAM	6	0	14.24	14.35	14.27	15.7	0

Band 4 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.41	15.44	15.36	16	0
20	QPSK	1	49	15.31	15.39	15.38		
20	QPSK	1	99	15.37	15.41	15.36		
20	QPSK	50	0	15.35	15.43	15.29	16	0
20	QPSK	50	24	15.34	15.4	15.3		
20	QPSK	50	50	15.29	15.34	15.35		
20	QPSK	100	0	15.26	15.42	15.41		
20	16QAM	1	0	15.36	15.45	15.35	16	0
20	16QAM	1	49	15.27	15.37	15.41		
20	16QAM	1	99	15.25	15.28	15.27		
20	16QAM	50	0	15.25	15.37	15.37	16	0
20	16QAM	50	24	15.26	15.41	15.3		
20	16QAM	50	50	15.25	15.25	15.35		
20	16QAM	100	0	15.31	15.31	15.37		
20	64QAM	1	0	15.4	15.41	15.33	16	0
20	64QAM	1	49	15.39	15.38	15.4		
20	64QAM	1	99	15.39	15.39	15.36		
20	64QAM	50	0	15.31	15.4	15.32	16	0
20	64QAM	50	24	15.35	15.4	15.32		
20	64QAM	50	50	15.33	15.37	15.35		
20	64QAM	100	0	15.38	15.4	15.4		
20	256QAM	1	0	15.36	15.4	15.28	16	0
20	256QAM	1	49	15.34	15.35	15.4		
20	256QAM	1	99	15.39	15.37	15.37		
20	256QAM	50	0	15.4	15.41	15.24	16	0
20	256QAM	50	24	15.26	15.28	15.3		
20	256QAM	50	50	15.38	15.41	15.38		
20	256QAM	100	0	15.3	15.4	15.4		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.3	15.43	15.24	16	0
15	QPSK	1	37	15.19	15.32	15.24		
15	QPSK	1	74	15.31	15.28	15.3		
15	QPSK	36	0	15.24	15.37	15.21	16	0
15	QPSK	36	20	15.29	15.27	15.18		
15	QPSK	36	39	15.23	15.26	15.3		
15	QPSK	75	0	15.21	15.18	15.34		
15	16QAM	1	0	15.32	15.31	15.23	16	0
15	16QAM	1	37	15.23	15.26	15.34		
15	16QAM	1	74	15.1	15.2	15.15		
15	16QAM	36	0	15.15	15.27	15.23	16	0
15	16QAM	36	20	15.19	15.25	15.22		
15	16QAM	36	39	15.19	15.17	15.25		
15	16QAM	75	0	15.17	15.27	15.27		
15	64QAM	1	0	15.31	15.33	15.22	16	0
15	64QAM	1	37	15.23	15.29	15.32		
15	64QAM	1	74	15.34	15.34	15.23		
15	64QAM	36	0	15.24	15.31	15.24	16	0
15	64QAM	36	20	15.28	15.31	15.16		
15	64QAM	36	39	15.27	15.23	15.29		
15	64QAM	75	0	15.25	15.37	15.28		
15	256QAM	1	0	15.32	15.27	15.13	16	0
15	256QAM	1	37	15.22	15.26	15.32		
15	256QAM	1	74	15.29	15.31	15.23		
15	256QAM	36	0	15.3	15.34	15.13	16	0
15	256QAM	36	20	15.17	15.15	15.25		
15	256QAM	36	39	15.3	15.27	15.32		
15	256QAM	75	0	15.2	15.3	15.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.26	15.38	15.32	16	0
10	QPSK	1	25	15.21	15.34	15.24		
10	QPSK	1	49	15.22	15.3	15.3		
10	QPSK	25	0	15.22	15.39	15.19	16	0
10	QPSK	25	12	15.2	15.26	15.26		
10	QPSK	25	25	15.16	15.28	15.23		
10	QPSK	50	0	15.14	15.21	15.34		
10	16QAM	1	0	15.25	15.41	15.26	16	0
10	16QAM	1	25	15.21	15.24	15.36		
10	16QAM	1	49	15.18	15.24	15.21		
10	16QAM	25	0	15.17	15.32	15.29	16	0
10	16QAM	25	12	15.17	15.31	15.16		
10	16QAM	25	25	15.15	15.17	15.22		
10	16QAM	50	0	15.22	15.16	15.29		
10	64QAM	1	0	15.33	15.27	15.23	16	0
10	64QAM	1	25	15.29	15.28	15.35		
10	64QAM	1	49	15.24	15.3	15.3		
10	64QAM	25	0	15.25	15.31	15.19	16	0
10	64QAM	25	12	15.3	15.26	15.25		
10	64QAM	25	25	15.27	15.32	15.26		
10	64QAM	50	0	15.26	15.33	15.31		
10	256QAM	1	0	15.25	15.33	15.12	16	0
10	256QAM	1	25	15.24	15.24	15.35		
10	256QAM	1	49	15.28	15.29	15.27		
10	256QAM	25	0	15.3	15.32	15.11	16	0
10	256QAM	25	12	15.2	15.19	15.18		
10	256QAM	25	25	15.22	15.25	15.25		
10	256QAM	50	0	15.17	15.36	15.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.34	15.38	15.21	16	0
5	QPSK	1	12	15.15	15.26	15.27		
5	QPSK	1	24	15.27	15.27	15.29		
5	QPSK	12	0	15.31	15.33	15.19	16	0
5	QPSK	12	7	15.28	15.3	15.19		
5	QPSK	12	13	15.23	15.27	15.25		
5	QPSK	25	0	15.17	15.19	15.28		
5	16QAM	1	0	15.21	15.32	15.31	16	0
5	16QAM	1	12	15.17	15.21	15.32		
5	16QAM	1	24	15.18	15.23	15.16		
5	16QAM	12	0	15.12	15.23	15.21	16	0
5	16QAM	12	7	15.15	15.33	15.2		
5	16QAM	12	13	15.12	15.16	15.2		
5	16QAM	25	0	15.17	15.17	15.24		
5	64QAM	1	0	15.38	15.36	15.27	16	0
5	64QAM	1	12	15.28	15.32	15.3		
5	64QAM	1	24	15.24	15.23	15.21		
5	64QAM	12	0	15.2	15.31	15.22	16	0
5	64QAM	12	7	15.28	15.3	15.26		
5	64QAM	12	13	15.22	15.28	15.24		
5	64QAM	25	0	15.29	15.29	15.37		
5	256QAM	1	0	15.3	15.34	15.19	16	0
5	256QAM	1	12	15.22	15.23	15.32		
5	256QAM	1	24	15.26	15.21	15.31		
5	256QAM	12	0	15.28	15.35	15.09	16	0
5	256QAM	12	7	15.19	15.2	15.16		
5	256QAM	12	13	15.25	15.34	15.31		
5	256QAM	25	0	15.17	15.34	15.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.28	15.42	15.27	16	0
3	QPSK	1	8	15.22	15.28	15.24		
3	QPSK	1	14	15.25	15.34	15.22		
3	QPSK	8	0	15.23	15.36	15.24	16	0
3	QPSK	8	4	15.29	15.33	15.23		
3	QPSK	8	7	15.19	15.21	15.23		
3	QPSK	15	0	15.15	15.16	15.36		
3	16QAM	1	0	15.31	15.29	15.31	16	0
3	16QAM	1	8	15.16	15.25	15.34		
3	16QAM	1	14	15.1	15.15	15.18		
3	16QAM	8	0	15.14	15.22	15.26	16	0
3	16QAM	8	4	15.2	15.35	15.25		
3	16QAM	8	7	15.14	15.12	15.26		
3	16QAM	15	0	15.16	15.21	15.25		
3	64QAM	1	0	15.38	15.32	15.26	16	0
3	64QAM	1	8	15.27	15.31	15.36		
3	64QAM	1	14	15.27	15.3	15.24		
3	64QAM	8	0	15.18	15.34	15.2	16	0
3	64QAM	8	4	15.23	15.35	15.21		
3	64QAM	8	7	15.18	15.24	15.2		
3	64QAM	15	0	15.25	15.38	15.3		
3	256QAM	1	0	15.2	15.32	15.19	16	0
3	256QAM	1	8	15.3	15.2	15.28		
3	256QAM	1	14	15.28	15.26	15.27		
3	256QAM	8	0	15.31	15.38	15.08	16	0
3	256QAM	8	4	15.18	15.24	15.17		
3	256QAM	8	7	15.28	15.36	15.3		
3	256QAM	15	0	15.19	15.35	15.32		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.37	15.4	15.23	16	0
1.4	QPSK	1	3	15.19	15.25	15.29		
1.4	QPSK	1	5	15.24	15.33	15.3		
1.4	QPSK	3	0	15.25	15.39	15.16		
1.4	QPSK	3	1	15.24	15.32	15.26		
1.4	QPSK	3	3	15.21	15.21	15.21		
1.4	QPSK	6	0	15.1	15.17	15.34	16	0
1.4	16QAM	1	0	15.31	15.36	15.19	16	0
1.4	16QAM	1	3	15.19	15.28	15.37		
1.4	16QAM	1	5	15.19	15.24	15.13		
1.4	16QAM	3	0	15.18	15.3	15.23		
1.4	16QAM	3	1	15.19	15.29	15.22		
1.4	16QAM	3	3	15.16	15.1	15.29		
1.4	16QAM	6	0	15.26	15.19	15.29	16	0
1.4	64QAM	1	0	15.28	15.26	15.24	16	0
1.4	64QAM	1	3	15.32	15.28	15.27		
1.4	64QAM	1	5	15.24	15.27	15.23		
1.4	64QAM	3	0	15.22	15.34	15.23		
1.4	64QAM	3	1	15.19	15.26	15.24		
1.4	64QAM	3	3	15.19	15.28	15.22		
1.4	64QAM	6	0	15.28	15.28	15.37	16	0
1.4	256QAM	1	0	15.3	15.31	15.24	16	0
1.4	256QAM	1	3	15.26	15.26	15.27		
1.4	256QAM	1	5	15.26	15.25	15.23		
1.4	256QAM	3	0	15.36	15.39	15.19		
1.4	256QAM	3	1	15.1	15.12	15.18		
1.4	256QAM	3	3	15.31	15.27	15.28		
1.4	256QAM	6	0	15.22	15.25	15.29	16	0

Band 5 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.91	21.97	21.79	22.2	0
10	QPSK	1	25	21.85	21.87	21.76		
10	QPSK	1	49	21.79	21.93	21.82		
10	QPSK	25	0	21.81	21.96	21.65	22.2	0
10	QPSK	25	12	21.94	21.9	21.95		
10	QPSK	25	25	21.81	21.87	21.77		
10	QPSK	50	0	21.91	21.93	21.92		
10	16QAM	1	0	21.73	21.75	21.67	22.2	0
10	16QAM	1	25	21.63	21.74	21.56		
10	16QAM	1	49	21.47	21.61	21.6		
10	16QAM	25	0	21.08	21.22	21.09	22.2	0
10

Band 7 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.59	14.79	14.52	15	0
20	QPSK	1	49	14.55	14.58	14.55		
20	QPSK	1	99	14.6	14.63	14.6		
20	QPSK	50	0	14.52	14.68	14.47	15	0
20	QPSK	50	24	14.53	14.62	14.47		
20	QPSK	50	50	14.49	14.54	14.55		
20	QPSK	100	0	14.47	14.49	14.46		
20	16QAM	1	0	14.56	14.66	14.5	15	0
20	16QAM	1	49	14.43	14.59	14.65		
20	16QAM	1	99	14.43	14.44	14.44		
20	16QAM	50	0	14.42	14.56	14.59	15	0
20	16QAM	50	24	14.5	14.63	14.51		
20	16QAM	50	50	14.48	14.5	14.53		
20	16QAM	100	0	14.5	14.46	14.59		
20	64QAM	1	0	14.62	14.63	14.52	15	0
20	64QAM	1	49	14.55	14.6	14.56		
20	64QAM	1	99	14.64	14.6	14.61		
20	64QAM	50	0	14.52	14.63	14.58	15	0
20	64QAM	50	24	14.59	14.58	14.57		
20	64QAM	50	50	14.47	14.58	14.51		
20	64QAM	100	0	14.52	14.64	14.59		
20	256QAM	1	0	14.81	14.63	14.44	15	0
20	256QAM	1	49	14.6	14.53	14.61		
20	256QAM	1	99	14.62	14.63	14.59		
20	256QAM	50	0	14.54	14.64	14.49	15	0
20	256QAM	50	24	14.49	14.47	14.49		
20	256QAM	50	50	14.56	14.63	14.55		
20	256QAM	100	0	14.54	14.61	14.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.53	14.65	14.4	15	0
15	QPSK	1	37	14.5	14.48	14.5		
15	QPSK	1	74	14.44	14.56	14.55		
15	QPSK	36	0	14.44	14.62	14.31	15	0
15	QPSK	36	20	14.45	14.56	14.37		
15	QPSK	36	39	14.39	14.41	14.39		
15	QPSK	75	0	14.31	14.44	14.5		
15	16QAM	1	0	14.49	14.56	14.4	15	0
15	16QAM	1	37	14.35	14.53	14.57		
15	16QAM	1	74	14.38	14.28	14.29		
15	16QAM	36	0	14.37	14.46	14.53	15	0
15	16QAM	36	20	14.46	14.5	14.42		
15	16QAM	36	39	14.44	14.35	14.44		
15	16QAM	75	0	14.38	14.38	14.45		
15	64QAM	1	0	14.48	14.49	14.42	15	0
15	64QAM	1	37	14.39	14.44	14.42		
15	64QAM	1	74	14.52	14.52	14.51		
15	64QAM	36	0	14.39	14.58	14.5	15	0
15	64QAM	36	20	14.51	14.5	14.49		
15	64QAM	36	39	14.43	14.46	14.38		
15	64QAM	75	0	14.48	14.58	14.52		
15	256QAM	1	0	14.47	14.58	14.37	15	0
15	256QAM	1	37	14.52	14.4	14.52		
15	256QAM	1	74	14.56	14.51	14.43		
15	256QAM	36	0	14.39	14.59	14.35	15	0
15	256QAM	36	20	14.38	14.38	14.4		
15	256QAM	36	39	14.53	14.49	14.42		
15	256QAM	75	0	14.48	14.53	14.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.51	14.66	14.46	15	0
10	QPSK	1	25	14.39	14.48	14.41		
10	QPSK	1	49	14.48	14.56	14.45		
10	QPSK	25	0	14.43	14.58	14.38	15	0
10	QPSK	25	12	14.47	14.53	14.41		
10	QPSK	25	25	14.41	14.46	14.4		
10	QPSK	50	0	14.33	14.38	14.53		
10	16QAM	1	0	14.43	14.55	14.34	15	0
10	16QAM	1	25	14.37	14.44	14.49		
10	16QAM	1	49	14.29	14.38	14.34		
10	16QAM	25	0	14.37	14.44	14.45	15	0
10	16QAM	25	12	14.4	14.57	14.45		
10	16QAM	25	25	14.4	14.37	14.47		
10	16QAM	50	0	14.44	14.42	14.46		
10	64QAM	1	0	14.52	14.53	14.39	15	0
10	64QAM	1	25	14.5	14.51	14.41		
10	64QAM	1	49	14.55	14.53	14.56		
10	64QAM	25	0	14.47	14.49	14.53	15	0
10	64QAM	25	12	14.48	14.42	14.46		
10	64QAM	25	25	14.38	14.47	14.4		
10	64QAM	50	0	14.46	14.52	14.45		
10	256QAM	1	0	14.5	14.59	14.29	15	0
10	256QAM	1	25	14.52	14.49	14.52		
10	256QAM	1	49	14.5	14.58	14.45		
10	256QAM	25	0	14.48	14.51	14.38	15	0
10	256QAM	25	12	14.41	14.32	14.35		
10	256QAM	25	25	14.44	14.49	14.48		
10	256QAM	50	0	14.43	14.5	14.5		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.45	14.67	14.39	15	0
5	QPSK	1	12	14.44	14.48	14.5		
5	QPSK	1	24	14.56	14.59	14.51		
5	QPSK	12	0	14.39	14.63	14.37	15	0
5	QPSK	12	7	14.45	14.55	14.37		
5	QPSK	12	13	14.39	14.42	14.4		
5	QPSK	25	0	14.32	14.41	14.55		
5	16QAM	1	0	14.41	14.57	14.46	15	0
5	16QAM	1	12	14.58	14.53	14.56		
5	16QAM	1	24	14.29	14.34	14.37		
5	16QAM	12	0	14.32	14.52	14.54	15	0
5	16QAM	12	7	14.4	14.55	14.42		
5	16QAM	12	13	14.37	14.36	14.45		
5	16QAM	25	0	14.4	14.39	14.46		
5	64QAM	1	0	14.56	14.57	14.36	15	0
5	64QAM	1	12	14.46	14.45	14.51		
5	64QAM	1	24	14.53	14.47	14.53		
5	64QAM	12	0	14.38	14.58	14.5	15	0
5	64QAM	12	7	14.54	14.52	14.52		
5	64QAM	12	13	14.37	14.54	14.45		
5	64QAM	25	0	14.34	14.57	14.45		
5	256QAM	1	0	14.47	14.57	14.38	15	0
5	256QAM	1	12	14.51	14.37	14.54		
5	256QAM	1	24	14.55	14.54	14.46		
5	256QAM	12	0	14.41	14.59	14.39	15	0
5	256QAM	12	7	14.39	14.31	14.36		
5	256QAM	12	13	14.46	14.51	14.41		
5	256QAM	25	0	14.42	14.5	14.41		

Band 12 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.76	22.61	24	0
10	QPSK	1	25	22.65	22.66	22.64		
10	QPSK	1	49	22.61	22.62	22.61		
10	QPSK	25	0	22.64	22.75	22.62	24	0
10	QPSK	25	12	22.59	22.58	22.72		
10	QPSK	25	25	22.7	22.67	22.71		
10	QPSK	50	0	22.7	22.75	22.72		
10	16QAM	1	0	22.56	22.57	22.52	24	0
10	16QAM	1	25	22.5	22.47	22.5		
10	16QAM	1	49	22.51	22.47	22.59		
10	16QAM	25	0	22.49	22.53	22.49	24	0
10	16QAM	25	12	22.64	22.7	22.59		
10	16QAM	25	25	22.53	22.61	22.6		
10	16QAM	50	0	22.52	22.64	22.69		
10	64QAM	1	0	22.51	22.59	22.61	24	0
10	64QAM	1	25	22.5	22.48	22.57		
10	64QAM	1	49	22.42	22.57	22.45		
10	64QAM	25	0	22.63	22.56	22.46	24	0
10	64QAM	25	12	22.62	22.7	22.65		
10	64QAM	25	25	22.52	22.49	22.56		
10	64QAM	50	0	22.59	22.62	22.59		
10	256QAM	1	0	19.06	19.25	19.31	20	4
10	256QAM	1	25	19.1	19.27	19.12		
10	256QAM	1	49	19.02	19.29	19.12		
10	256QAM	25	0	18.89	19	18.91	20	4
10	256QAM	25	12	18.84	18.85	19.02		
10	256QAM	25	25	18.86	18.77	18.88		
10	256QAM	50	0	18.93	18.89	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.5	22.57	22.54	24	0
5	QPSK	1	12	22.62	22.53	22.6		
5	QPSK	1	24	22.55	22.6	22.42		
5	QPSK	12	0	22.63	22.62	22.46	24	0
5	QPSK	12	7	22.48	22.54	22.68		
5	QPSK	12	13	22.63	22.54	22.57		
5	QPSK	25	0	22.6	22.74	22.56		
5	16QAM	1	0	22.49	22.41	22.5	24	0
5	16QAM	1	12	22.32	22.28	22.4		
5	16QAM	1	24	22.38	22.43	22.48		
5	16QAM	12	0	22.48	22.42	22.46	24	0
5	16QAM	12	7	22.54	22.69	22.42		
5	16QAM	12	13	22.44	22.54	22.56		
5	16QAM	25	0	22.39	22.58	22.5		
5	64QAM	1	0	22.48	22.42	22.57	24	0
5	64QAM	1	12	22.41	22.46	22.54		
5	64QAM	1	24	22.35	22.55	22.3		
5	64QAM	12	0	22.6	22.46	22.3	24	0
5	64QAM	12	7	22.42	22.61	22.58		
5	64QAM	12	13	22.42	22.42	22.38		
5	64QAM	25	0	22.41	22.58	22.49		
5	256QAM	1	0	19	19.17	19.27	20	4
5	256QAM	1	12	19.07	19.25	19.02		
5	256QAM	1	24	18.95	19.26	19.09		
5	256QAM	12	0	18.83	18.91	18.84	20	4
5	256QAM	12	7	18.8	18.81	18.99		
5	256QAM	12	13	18.79	18.74	18.85		
5	256QAM	25	0	18.92	18.82	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.47	22.59	22.49	24	0
3	QPSK	1	8	22.55	22.48	22.62		
3	QPSK	1	14	22.52	22.52	22.45		
3	QPSK	8	0	22.52	22.66	22.44	24	0
3	QPSK	8	4	22.47	22.46	22.71		
3	QPSK	8	7	22.64	22.51	22.63		
3	QPSK	15	0	22.68	22.61	22.69		
3	16QAM	1	0	22.37	22.45	22.48	24	0
3	16QAM	1	8	22.49	22.36	22.34		
3	16QAM	1	14	22.45	22.42	22.44		
3	16QAM	8	0	22.39	22.49	22.41	24	0
3	16QAM	8	4	22.56	22.62	22.42		
3	16QAM	8	7	22.43	22.53	22.52		
3	16QAM	15	0	22.45	22.48	22.5		
3	64QAM	1	0	22.48	22.53	22.6	24	0
3	64QAM	1	8	22.32	22.36	22.54		
3	64QAM	1	14	22.36	22.44	22.38		
3	64QAM	8	0	22.51	22.45	22.4	24	0
3	64QAM	8	4	22.57	22.7	22.57		
3	64QAM	8	7	22.38	22.41	22.46		
3	64QAM	15	0	22.41	22.53	22.39		
3	256QAM	1	0	19.06	19.19	19.26	20	4
3	256QAM	1	8	18.99	19.17	19.02		
3	256QAM	1	14	18.95	19.2	19.09		
3	256QAM	8	0	18.79	18.95	18.86	20	4
3	256QAM	8	4	18.76	18.81	18.95		
3	256QAM	8	7	18.83	18.71	18.82		
3	256QAM	15	0	18.86	18.88	18.81		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.62	22.58	22.55	24	0
1.4	QPSK	1	3	22.56	22.65	22.61		
1.4	QPSK	1	5	22.53	22.5	22.46		
1.4	QPSK	3	0	22.58	22.67	22.51		
1.4	QPSK	3	1	22.47	22.49	22.53		
1.4	QPSK	3	3	22.53	22.54	22.56		
1.4	QPSK	6	0	22.5	22.65	22.71	24	0
1.4	16QAM	1	0	22.49	22.54	22.5	24	0
1.4	16QAM	1	3	22.45	22.45	22.43		
1.4	16QAM	1	5	22.4	22.36	22.47		
1.4	16QAM	3	0	22.31	22.33	22.48		
1.4	16QAM	3	1	22.52	22.64	22.44		
1.4	16QAM	3	3	22.44	22.5	22.46		
1.4	16QAM	6	0	22.36	22.56	22.63	24	0
1.4	64QAM	1	0	22.41	22.54	22.49	24	0
1.4	64QAM	1	3	22.46	22.36	22.37		
1.4	64QAM	1	5	22.25	22.53	22.4		
1.4	64QAM	3	0	22.47	22.42	22.4		
1.4	64QAM	3	1	22.59	22.68	22.49		
1.4	64QAM	3	3	22.48	22.42	22.53		
1.4	64QAM	6	0	22.43	22.6	22.41	24	0
1.4	256QAM	1	0	18.97	19.16	19.26	20	4
1.4	256QAM	1	3	19	19.19	19.05		
1.4	256QAM	1	5	18.99	19.29	19.08		
1.4	256QAM	3	0	18.84	18.96	18.85		
1.4	256QAM	3	1	18.82	18.86	18.94		
1.4	256QAM	3	3	18.76	18.75	18.77		
1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.5		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.6		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.9	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.5	19.38		
5	256QAM	12	0	19.1	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

Band 66 Ant0 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.28	15.45	15.29	16	0
20	QPSK	1	49	15.27	15.33	15.41		
20	QPSK	1	99	15.18	15.29	15.34		
20	QPSK	50	0	15.26	15.41	15.4	16	0
20	QPSK	50	24	15.29	15.26	15.35		
20	QPSK	50	50	15.22	15.34	15.24		
20	QPSK	100	0	15.19	15.38	15.22		
20	16QAM	1	0	15.27	15.29	15.36	16	0
20	16QAM	1	49	15.22	15.36	15.3		
20	16QAM	1	99	15.25	15.32	15.34		
20	16QAM	50	0	15.26	15.33	15.25	16	0
20	16QAM	50	24	15.26	15.35	15.35		
20	16QAM	50	50	15.18	15.34	15.32		
20	16QAM	100	0	15.25	15.25	15.35		
20	64QAM	1	0	15.3	15.29	15.3	16	0
20	64QAM	1	49	15.28	15.26	15.34		
20	64QAM	1	99	15.15	15.24	15.36		
20	64QAM	50	0	15.32	15.18	15.29	16	0
20	64QAM	50	24	15.19	15.28	15.3		
20	64QAM	50	50	15.27	15.33	15.28		
20	64QAM	100	0	15.18	15.33	15.37		
20	256QAM	1	0	15.32	15.27	15.35	16	0
20	256QAM	1	49	15.24	15.23	15.34		
20	256QAM	1	99	15.26	15.3	15.36		
20	256QAM	50	0	15.15	15.26	15.2	16	0
20	256QAM	50	24	15.29	15.29	15.36		
20	256QAM	50	50	15.17	15.34	15.24		
20	256QAM	100	0	15.24	15.3	15.34		
Channel				132047	132222	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.14	15.32	15.23	16	0
15	QPSK	1	37	15.22	15.24	15.32		
15	QPSK	1	74	15.12	15.22	15.26		
15	QPSK	36	0	15.17	15.27	15.25	16	0
15	QPSK	36	20	15.23	15.18	15.26		
15	QPSK	36	39	15.09	15.19	15.08		
15	QPSK	75	0	15.11	15.26	15.1		
15	16QAM	1	0	15.13	15.22	15.32	16	0
15	16QAM	1	37	15.12	15.27	15.19		
15	16QAM	1	74	15.12	15.26	15.19		
15	16QAM	36	0	15.2	15.29	15.09	16	0
15	16QAM	36	20	15.19	15.19	15.26		
15	16QAM	36	39	15.09	15.3	15.19		
15	16QAM	75	0	15.2	15.12	15.25		
15	64QAM	1	0	15.15	15.25	15.22	16	0
15	64QAM	1	37	15.15	15.13	15.27		
15	64QAM	1	74	15.03	15.11	15.3		
15	64QAM	36	0	15.2	15.05	15.24	16	0
15	64QAM	36	20	15.12	15.17	15.23		
15	64QAM	36	39	15.16	15.23	15.16		
15	64QAM	75	0	15.08	15.27	15.29		
15	256QAM	1	0	15.18	15.18	15.28	16	0
15	256QAM	1	37	15.19	15.18	15.23		
15	256QAM	1	74	15.15	15.14	15.25		
15	256QAM	36	0	15	15.17	15.08	16	0
15	256QAM	36	20	15.14	15.18	15.3		
15	256QAM	36	39	15.04	15.25	15.15		
15	256QAM	75	0	15.18	15.16	15.18		
Channel				132022	132222	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.18	15.34	15.22	16	0
10	QPSK	1	25	15.19	15.29	15.36		
10	QPSK	1	49	15.06	15.14	15.25		
10	QPSK	25	0	15.15	15.26	15.28	16	0
10	QPSK	25	12	15.22	15.18	15.24		
10	QPSK	25	25	15.13	15.29	15.18		
10	QPSK	50	0	15.04	15.31	15.09		
10	16QAM	1	0	15.22	15.24	15.22	16	0
10	16QAM	1	25	15.11	15.31	15.15		
10	16QAM	1	49	15.13	15.12	15.3		
10	16QAM	25	0	15.14	15.25	15.18	16	0
10	16QAM	25	12	15.12	15.21	15.19		
10	16QAM	25	25	15.13	15.2	15.22		
10	16QAM	50	0	15.18	15.17	15.2		
10	64QAM	1	0	15.14	15.15	15.23	16	0
10	64QAM	1	25	15.12	15.21	15.25		
10	64QAM	1	49	15.03	15.19	15.29		
10	64QAM	25	0	15.19	15.14	15.19	16	0
10	64QAM	25	12	15.14	15.13	15.19		
10	64QAM	25	25	15.16	15.28	15.15		
10	64Q

Band 2 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.47	20.7	20.54	21.5	0
20	QPSK	1	49	20.48	20.56	20.49		
20	QPSK	1	99	20.43	20.46	20.48		
20	QPSK	50	0	20.51	20.69	20.67	21.5	0
20	QPSK	50	24	20.57	20.42	20.61		
20	QPSK	50	50	20.36	20.34	20.5		
20	QPSK	100	0	20.39	20.55	20.41		
20	16QAM	1	0	20.49	20.45	20.27	21.5	0
20	16QAM	1	49	20.49	20.5	20.53		
20	16QAM	1	99	20.44	20.61	20.55		
20	16QAM	50	0	20.31	20.39	20.62	21.5	0
20	16QAM	50	24	20.51	20.56	20.46		
20	16QAM	50	50	20.36	20.52	20.52		
20	16QAM	100	0	20.39	20.39	20.67		
20	64QAM	1	0	20.42	20.44	20.59	21.5	0
20	64QAM	1	49	20.41	20.53	20.39		
20	64QAM	1	99	20.22	20.44	20.46		
20	64QAM	50	0	20.41	20.31	20.58	21.5	0
20	64QAM	50	24	20.34	20.62	20.64		
20	64QAM	50	50	20.4	20.38	20.53		
20	64QAM	100	0	20.32	20.48	20.49		
20	256QAM	1	0	18.26	18.34	18.31	19	2.5
20	256QAM	1	49	18.16	18.29	18.28		
20	256QAM	1	99	18.16	18.33	18.26		
20	256QAM	50	0	18.16	18.27	18.24	19	2.5
20	256QAM	50	24	18.14	18.17	18.16		
20	256QAM	50	50	18.09	18.2	18.21		
20	256QAM	100	0	18.07	18.16	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.41	20.42	20.43	21.5	0
15	QPSK	1	37	20.31	20.38	20.31		
15	QPSK	1	74	20.34	20.37	20.32		
15	QPSK	36	0	20.38	20.5	20.65	21.5	0
15	QPSK	36	20	20.41	20.3	20.44		
15	QPSK	36	39	20.28	20.29	20.47		
15	QPSK	75	0	20.3	20.35	20.24		
15	16QAM	1	0	20.36	20.37	20.13	21.5	0
15	16QAM	1	37	20.44	20.48	20.45		
15	16QAM	1	74	20.42	20.56	20.39		
15	16QAM	36	0	20.17	20.26	20.61	21.5	0
15	16QAM	36	20	20.39	20.45	20.33		
15	16QAM	36	39	20.16	20.37	20.42		
15	16QAM	75	0	20.35	20.36	20.52		
15	64QAM	1	0	20.21	20.4	20.36	21.5	0
15	64QAM	1	37	20.36	20.47	20.33		
15	64QAM	1	74	20.04	20.37	20.26		
15	64QAM	36	0	20.23	20.13	20.4	21.5	0
15	64QAM	36	20	20.29	20.6	20.53		
15	64QAM	36	39	20.29	20.19	20.33		
15	64QAM	75	0	20.22	20.32	20.31		
15	256QAM	1	0	18.22	18.27	18.31	19	2.5
15	256QAM	1	37	18.15	18.24	18.25		
15	256QAM	1	74	18.16	18.24	18.22		
15	256QAM	36	0	18.16	18.24	18.25	19	2.5
15	256QAM	36	20	18.14	18.11	18.11		
15	256QAM	36	39	18.08	18.2	18.14		
15	256QAM	75	0	18.06	18.09	18.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.4	20.45	20.37	21.5	0
10	QPSK	1	25	20.36	20.44	20.29		
10	QPSK	1	49	20.31	20.27	20.46		
10	QPSK	25	0	20.35	20.66	20.55	21.5	0
10	QPSK	25	12	20.47	20.33	20.53		
10	QPSK	25	25	20.33	20.29	20.35		
10	QPSK	50	0	20.25	20.44	20.22		
10	16QAM	1	0	20.4	20.27	20.19	21.5	0
10	16QAM	1	25	20.41	20.44	20.47		
10	16QAM	1	49	20.3	20.47	20.35		
10	16QAM	25	0	20.23	20.18	20.41	21.5	0
10	16QAM	25	12	20.32	20.36	20.36		
10	16QAM	25	25	20.31	20.37	20.37		
10	16QAM	50	0	20.33	20.24	20.56		
10	64QAM	1	0	20.33	20.42	20.42	21.5	0
10	64QAM	1	25	20.33	20.46	20.2		
10	64QAM	1	49	20.04	20.38	20.25		
10	64QAM	25	0	20.29	20.17	20.43	21.5	0
10	64QAM	25	12	20.31	20.51	20.57		
10	64QAM	25	25	20.22	20.29	20.39		
10	64QAM	50	0	20.2	20.41	20.4		
10	256QAM	1	0	18.23	18.3	18.26	19	2.5
10	256QAM	1	25	18.08	18.26	18.24		
10	256QAM	1	49	18.08	18.31	18.2		
10	256QAM	25	0	18.13	18.18	18.25	19	2.5
10	256QAM	25	12	18.09	18.07	18.09		
10	256QAM	25	25	18.02	18.2	18.21		
10	256QAM	50	0	18.02	18.14	18.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.28	20.4	20.48	21.5	0
5	QPSK	1	12	20.43	20.45	20.3		
5	QPSK	1	24	20.39	20.33	20.35		
5	QPSK	12	0	20.48	20.65	20.65	21.5	0
5	QPSK	12	7	20.43	20.37	20.4		
5	QPSK	12	13	20.23	20.26	20.47		
5	QPSK	25	0	20.3	20.42	20.26		
5	16QAM	1	0	20.42	20.27	20.16	21.5	0
5	16QAM	1	12	20.47	20.32	20.4		
5	16QAM	1	24	20.43	20.42	20.4		
5	16QAM	12	0	20.26	20.19	20.49	21.5	0
5	16QAM	12	7	20.47	20.4	20.4		
5	16QAM	12	13	20.2	20.51	20.5		
5	16QAM	25	0	20.29	20.25	20.66		
5	64QAM	1	0	20.39	20.36	20.51	21.5	0
5	64QAM	1	12	20.24	20.33	20.37		
5	64QAM	1	24	20.19	20.38	20.29		
5	64QAM	12	0	20.36	20.19	20.38	21.5	0
5	64QAM	12	7	20.27	20.49	20.43		
5	64QAM	12	13	20.3	20.33	20.51		
5	64QAM	25	0	20.17	20.4	20.36		
5	256QAM	1	0	18.17	18.29	18.25	19	2.5
5	256QAM	1	12	18.1	18.21	18.2		
5	256QAM	1	24	18.11	18.34	18.16		
5	256QAM	12	0	18.16	18.25	18.19	19	2.5
5	256QAM	12	7	18.15	18.15	18.14		
5	256QAM	12	13	18.08	18.11	18.2		
5	256QAM	25	0	17.97	18.08	18.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.3	20.46	20.36	21.5	0
3	QPSK	1	8	20.42	20.51	20.43		
3	QPSK	1	14	20.33	20.4	20.31		
3	QPSK	8	0	20.5	20.55	20.6	21.5	0
3	QPSK	8	4	20.47	20.25	20.6		
3	QPSK	8	7	20.16	20.27	20.31		
3	QPSK	15	0	20.24	20.39	20.34		
3	16QAM	1	0	20.36	20.25	20.23	21.5	0
3	16QAM	1	8	20.28	20.49	20.52		
3	16QAM	1	14	20.42	20.5	20.45		
3	16QAM	8	0	20.11	20.32	20.47	21.5	0
3	16QAM	8	4	20.3	20.4	20.4		
3	16QAM	8	7	20.35	20.45	20.44		
3	16QAM	15	0	20.34	20.33	20.51		
3	64QAM	1	0	20.25	20.36	20.45	21.5	0
3	64QAM	1	8	20.39	20.49	20.35		
3	64QAM	1	14	20.08	20.24	20.42		
3	64QAM	8	0	20.27	20.12	20.45	21.5	0
3	64QAM	8	4	20.24	20.41	20.58		
3	64QAM	8	7	20.29	20.34	20.44		
3	64QAM	15	0	20.27	20.41	20.38		
3	256QAM	1	0	18.2	18.27	18.22	19	2.5
3	256QAM	1	8	18.14	18.24	18.2		
3	256QAM	1	14	18.1	18.3	18.16		
3	256QAM	8	0	18.11	18.16	18.17	19	2.5
3	256QAM	8	4	18.03	18.16	18.13		
3	256QAM	8	7	18.06	18.19	18.2		
3	256QAM	15	0	18.07	18.07	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.35	20.42	20.35	21.5	0
1.4	QPSK	1	3	20.43	20.53	20.29		
1.4	QPSK	1	5	20.29	20.43	20.38		
1.4	QPSK	3	0	20.37	20.64	20.65		
1.4	QPSK	3	1	20.5	20.39	20.46		
1.4	QPSK	3	3	20.16	20.16	20.48		
1.4	QPSK	6	0	20.22	20.35	20.27	21.5	0
1.4	16QAM	1	0	20.33	20.35	20.23	21.5	0
1.4	16QAM	1	3	20.43	20.29	20.43		
1.4	16QAM	1	5	20.42	20.6	20.39		
1.4	16QAM	3	0	20.14	20.26	20.49		
1.4	16QAM	3	1	20.3	20.45	20.44		
1.4	16QAM	3	3	20.16	20.51	20.41		
1.4	16QAM	6	0	20.28	20.18	20.51	21.5	0
1.4	64QAM	1	0	20.36	20.42	20.48	21.5	0
1.4	64QAM	1	3	20.29	20.39	20.18		
1.4	64QAM	1	5	20.1	20.31	20.42		
1.4	64QAM	3	0	20.32	20.16	20.46		
1.4	64QAM	3	1	20.18	20.42	20.59		
1.4	64QAM	3	3	20.2	20.21	20.35		
1.4	64QAM	6	0	20.24	20.31	20.4	21.5	0
1.4	256QAM	1	0	18.16	18.3	18.27	19	2.5
1.4	256QAM	1	3	18.12	18.23	18.18		
1.4	256QAM	1	5	18.17	18.24	18.21		
1.4	256QAM	3	0	18.14	18.19	18.14		
1.4	256QAM	3	1	18.08	18.16	18.1		
1.4	256QAM	3	3	18.04	18.13	18.13		
1.4	256QAM	6	0	18.02	18.13	18.15	19	2.5

Band 4 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.53	18.92	18.69	19.5	0
20	QPSK	1	49	18.62	18.6	18.74		
20	QPSK	1	99	18.67	18.72	18.6		
20	QPSK	50	0	18.55	18.82	18.77	19.5	0
20	QPSK	50	24	18.66	18.61	18.8		
20	QPSK	50	50	18.59	18.65	18.63		
20	QPSK	100	0	18.34	18.77	18.62		
20	16QAM	1	0	18.64	18.52	18.72	19.5	0
20	16QAM	1	49	18.57	18.77	18.62		
20	16QAM	1	99	18.62	18.65	18.65		
20	16QAM	50	0	18.63	18.68	18.51	19.5	0
20	16QAM	50	24	18.82	18.71	18.82		
20	16QAM	50	50	18.69	18.71	18.6		
20	16QAM	100	0	18.48	18.63	18.73		
20	64QAM	1	0	18.66	18.74	18.61	19.5	0
20	64QAM	1	49	18.46	18.41	18.69		
20	64QAM	1	99	18.51	18.59	18.6		
20	64QAM	50	0	18.66	18.6	18.7	19.5	0
20	64QAM	50	24	18.65	18.68	18.68		
20	64QAM	50	50	18.39	18.6	18.5		
20	64QAM	100	0	18.65	18.75	18.71		
20	256QAM	1	0	18.47	18.63	18.63	19.5	0
20	256QAM	1	49	18.75	18.42	18.48		
20	256QAM	1	99	18.59	18.5	18.67		
20	256QAM	50	0	18.41	18.55	18.6	19.5	0
20	256QAM	50	24	18.69	18.73	18.55		
20	256QAM	50	50	18.41	18.77	18.46		
20	256QAM	100	0	18.38	18.53	18.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.5	18.89	18.66	19.5	0
15	QPSK	1	37	18.7	18.54	18.72		
15	QPSK	1	74	18.6	18.73	18.63		
15	QPSK	36	0	18.6	18.66	18.76	19.5	0
15	QPSK	36	20	18.67	18.61	18.51		
15	QPSK	36	39	18.68	18.75	18.64		
15	QPSK	75	0	18.35	18.69	18.49		
15	16QAM	1	0	18.62	18.68	18.8	19.5	0
15	16QAM	1	37	18.71	18.66	18.76		
15	16QAM	1	74	18.45	18.75	18.63		
15	16QAM	36	0	18.65	18.73	18.51	19.5	0
15	16QAM	36	20	18.72	18.57	18.72		
15	16QAM	36	39	18.53	18.74	18.69		
15	16QAM	75	0	18.4	18.59	18.61		
15	64QAM	1	0	18.63	18.67	18.47	19.5	0
15	64QAM	1	37	18.44	18.54	18.75		
15	64QAM	1	74	18.42	18.51	18.69		
15	64QAM	36	0	18.65	18.51	18.78	19.5	0
15	64QAM	36	20	18.68	18.63	18.63		
15	64QAM	36	39	18.56	18.61	18.8		
15	64QAM	75	0	18.64	18.7	18.54		
15	256QAM	1	0	18.51	18.56	18.59	19.5	0
15	256QAM	1	37	18.68	18.44	18.43		
15	256QAM	1	74	18.57	18.61	18.64		
15	256QAM	36	0	18.5	18.61	18.59	19.5	0
15	256QAM	36	20	18.64	18.56	18.68		
15	256QAM	36	39	18.36	18.74	18.38		
15	256QAM	75	0	18.5	18.55	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.55	18.77	18.59	19.5	0
10	QPSK	1	25	18.57	18.58	18.76		
10	QPSK	1	49	18.57	18.74	18.62		
10	QPSK	25	0	18.6	18.77	18.74	19.5	0
10	QPSK	25	12	18.62	18.67	18.55		
10	QPSK	25	25	18.71	18.69	18.53		
10	QPSK	50	0	18.44	18.65	18.56		
10	16QAM	1	0	18.77	18.59	18.77	19.5	0
10	16QAM	1	25	18.67	18.7	18.77		
10	16QAM	1	49	18.49	18.79	18.68		
10	16QAM	25	0	18.71	18.82	18.59	19.5	0
10	16QAM	25	12	18.7	18.71	18.73		
10	16QAM	25	25	18.66	18.7	18.64		
10	16QAM	50	0	18.51	18.62	18.72		
10	64QAM	1	0	18.66	18.76	18.56	19.5	0
10	64QAM	1	25	18.57	18.46	18.65		
10	64QAM	1	49	18.47	18.6	18.77		
10	64QAM	25	0	18.62	18.54	18.77	19.5	0
10	64QAM	25	12	18.68	18.55	18.72		
10	64QAM	25	25	18.55	18.57	18.63		
10	64QAM	50	0	18.71	18.68	18.66		
10	256QAM	1	0	18.51	18.62	18.72	19.5	0
10	256QAM	1	25	18.67	18.5	18.52		
10	256QAM	1	49	18.59	18.56	18.8		
10	256QAM	25	0	18.58	18.56	18.49	19.5	0
10	256QAM	25	12	18.69	18.71	18.58		
10	256QAM	25	25	18.41	18.56	18.36		
10	256QAM	50	0	18.51	18.54	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.54	18.84	18.59	19.5	0
5	QPSK	1	12	18.66	18.55	18.8		
5	QPSK	1	24	18.66	18.67	18.68		
5	QPSK	12	0	18.69	18.81	18.8	19.5	0
5	QPSK	12	7	18.58	18.63	18.59		
5	QPSK	12	13	18.61	18.65	18.54		
5	QPSK	25	0	18.43	18.77	18.56		
5	16QAM	1	0	18.68	18.66	18.73	19.5	0
5	16QAM	1	12	18.57	18.78	18.7		
5	16QAM	1	24	18.47	18.67	18.66		
5	16QAM	12	0	18.75	18.73	18.56	19.5	0
5	16QAM	12	7	18.8	18.58	18.8		
5	16QAM	12	13	18.56	18.65	18.68		
5	16QAM	25	0	18.37	18.61	18.74		
5	64QAM	1	0	18.59	18.74	18.8	19.5	0
5	64QAM	1	12	18.58	18.41	18.75		
5	64QAM	1	24	18.43	18.51	18.66		
5	64QAM	12	0	18.8	18.49	18.81	19.5	0
5	64QAM	12	7	18.67	18.69	18.8		
5	64QAM	12	13	18.51	18.63	18.51		
5	64QAM	25	0	18.65	18.79	18.62		
5	256QAM	1	0	18.51	18.57	18.72	19.5	0
5	256QAM	1	12	18.66	18.56	18.49		
5	256QAM	1	24	18.68	18.65	18.74		
5	256QAM	12	0	18.43	18.52	18.59	19.5	0
5	256QAM	12	7	18.79	18.62	18.61		
5	256QAM	12	13	18.42	18.89	18.45		
5	256QAM	25	0	18.52	18.56	18.77		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.5	18.74	18.56	19.5	0
3	QPSK	1	8	18.69	18.51	18.72		
3	QPSK	1	14	18.57	18.68	18.66		
3	QPSK	8	0	18.6	18.9	18.83	19.5	0
3	QPSK	8	4	18.67	18.6	18.59		
3	QPSK	8	7	18.58	18.7	18.64		
3	QPSK	15	0	18.27	18.75	18.56		
3	16QAM	1	0	18.63	18.68	18.65	19.5	0
3	16QAM	1	8	18.68	18.75	18.74		
3	16QAM	1	14	18.54	18.63	18.8		
3	16QAM	8	0	18.63	18.76	18.63	19.5	0
3	16QAM	8	4	18.74	18.65	18.8		
3	16QAM	8	7	18.64	18.67	18.66		
3	16QAM	15	0	18.38	18.51	18.63		
3	64QAM	1	0	18.62	18.65	18.58	19.5	0
3	64QAM	1	8	18.49	18.54	18.76		
3	64QAM	1	14	18.39	18.63	18.59		
3	64QAM	8	0	18.74	18.61	18.74	19.5	0
3	64QAM	8	4	18.76	18.66	18.65		
3	64QAM	8	7	18.41	18.58	18.58		
3	64QAM	15	0	18.65	18.66	18.66		
3	256QAM	1	0	18.6	18.51	18.58	19.5	0
3	256QAM	1	8	18.71	18.42	18.42		
3	256QAM	1	14	18.57	18.6	18.75		
3	256QAM	8	0	18.48	18.68	18.63	19.5	0
3	256QAM	8	4	18.75	18.59	18.73		
3	256QAM	8	7	18.39	18.81	18.51		
3	256QAM	15	0	18.43	18.56	18.82		
Channel				19937	20175	20413	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.64	18.78	18.63	19.5	0
1.4	QPSK	1	3	18.66	18.56	18.72		
1.4	QPSK	1	5	18.64	18.57	18.73		
1.4	QPSK	3	0	18.67	18.82	18.72		
1.4	QPSK	3	1	18.59	18.55	18.61		
1.4	QPSK	3	3	18.68	18.73	18.63		
1.4	QPSK	6	0	18.34	18.7	18.61	19.5	0
1.4	16QAM	1	0	18.77	18.6	18.82	19.5	0
1.4	16QAM	1	3	18.62	18.75	18.66		
1.4	16QAM	1	5	18.6	18.77	18.69		
1.4	16QAM	3	0	18.74	18.76	18.64		
1.4	16QAM	3	1	18.72	18.66	18.64		
1.4	16QAM	3	3	18.6	18.79	18.59		
1.4	16QAM	6	0	18.53	18.54	18.83	19.5	0
1.4	64QAM	1	0	18.59	18.76	18.5	19.5	0
1.4	64QAM	1	3	18.49	18.45	18.91		
1.4	64QAM	1	5	18.53	18.59	18.73		
1.4	64QAM	3	0	18.7	18.52	18.66		
1.4	64QAM	3	1	18.76	18.61	18.79		
1.4	64QAM	3	3	18.49	18.64	18.54		
1.4	64QAM	6	0	18.74	18.77	18.62	19.5	0
1.4	256QAM	1	0	18.62	18.51	18.59	19.5	0
1.4	256QAM	1	3	18.77	18.38	18.5		
1.4	256QAM	1	5	18.63	18.54	18.75		
1.4	256QAM	3	0	18.59	18.64	18.46		
1.4	256QAM	3	1	18.68	18.6	18.56		
1.4	256QAM	3	3	18.5	18.79	18.4		
1.4	256QAM	6	0	18.53	18.55	18.74	19.5	0

Band 5 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.66	22.55	24	0
10	QPSK	1	25	22.35	22.37	22.49		
10	QPSK	1	49	22.25	22.36	22.43		
10	QPSK	25	0	22.41	22.58	22.54	24	0
10	QPSK	25	12	22.48	22.53	22.51		
10	QPSK	25	25	22.4	22.48	22.48		
10	QPSK	50	0	22.43	22.53	22.5		
10	16QAM	1	0	22.29	22.29	22.24	24	0
10	16QAM	1	25	22.22	22.16	22.26		
10	16

Band 7 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.19	20.36	20.17	20.9	0
20	QPSK	1	49	20.17	20.27	20.3		
20	QPSK	1	99	20.04	20.21	20.26		
20	QPSK	50	0	20.22	20.33	20.27	20.9	0
20	QPSK	50	24	20.21	20.26	20.32		
20	QPSK	50	50	20.1	20.26	20.2		
20	QPSK	100	0	20.03	20.29	20.04		
20	16QAM	1	0	20.23	20.27	20.26	20.9	0
20	16QAM	1	49	20.08	20.23	20.14		
20	16QAM	1	99	20.1	20.2	20.23		
20	16QAM	50	0	20.28	20.26	20.2	20.9	0
20	16QAM	50	24	20.1	20.04	20.26		
20	16QAM	50	50	20.04	20.26	20.24		
20	16QAM	100	0	20.16	20.14	20.16		
20	64QAM	1	0	20.12	20.24	20.23	20.9	0
20	64QAM	1	49	20.2	20.14	20.28		
20	64QAM	1	99	20.03	20.13	20.09		
20	64QAM	50	0	20.23	20.05	20.08	20.9	0
20	64QAM	50	24	20.17	20.2	20.28		
20	64QAM	50	50	20.16	20.25	20.11		
20	64QAM	100	0	20.12	20.22	20.1		
20	256QAM	1	0	18.67	18.82	18.73	20	0.9
20	256QAM	1	49	18.67	18.6	18.77		
20	256QAM	1	99	18.56	18.58	18.61		
20	256QAM	50	0	18.77	18.76	18.55	20	0.9
20	256QAM	50	24	18.62	18.71	18.76		
20	256QAM	50	50	18.68	18.74	18.56		
20	256QAM	100	0	18.57	18.73	18.69		
Channel				20625	21100	21575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.13	20.21	20.08	20.9	0
15	QPSK	1	37	20.03	20.17	20.17		
15	QPSK	1	74	19.91	20.14	20.15		
15	QPSK	36	0	20.18	20.29	20.16	20.9	0
15	QPSK	36	20	20.07	20.2	20.18		
15	QPSK	36	39	19.95	20.14	20.08		
15	QPSK	75	0	19.98	20.13	19.88		
15	16QAM	1	0	20.16	20.18	20.18	20.9	0
15	16QAM	1	37	20	20.1	19.95		
15	16QAM	1	74	19.95	20.09	20.12		
15	16QAM	36	0	20.14	20.14	20.08	20.9	0
15	16QAM	36	20	19.94	19.93	20.12		
15	16QAM	36	39	19.9	20.16	20.13		
15	16QAM	75	0	20.08	20.02	20.03		
15	64QAM	1	0	20.06	20.17	20.1	20.9	0
15	64QAM	1	37	20.15	20.05	20.21		
15	64QAM	1	74	19.87	20.05	20.04		
15	64QAM	36	0	20.09	20	20	20.9	0
15	64QAM	36	20	20.03	20.11	20.14		
15	64QAM	36	39	20.11	20.09	20.06		
15	64QAM	75	0	19.98	20.08	20.05		
15	256QAM	1	0	18.55	18.77	18.58	20	0.9
15	256QAM	1	37	18.56	18.52	18.72		
15	256QAM	1	74	18.41	18.49	18.48		
15	256QAM	36	0	18.71	18.65	18.51	20	0.9
15	256QAM	36	20	18.48	18.59	18.65		
15	256QAM	36	39	18.59	18.69	18.4		
15	256QAM	75	0	18.53	18.61	18.54		
Channel				20575	21100	21625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.08	20.23	20.03	20.9	0
10	QPSK	1	25	20.1	20.18	20.21		
10	QPSK	1	49	19.98	20.17	20.11		
10	QPSK	25	0	20.14	20.26	20.2	20.9	0
10	QPSK	25	12	20.06	20.21	20.25		
10	QPSK	25	25	20.02	20.13	20.09		
10	QPSK	50	0	19.93	20.24	19.96		
10	16QAM	1	0	20.1	20.15	20.22	20.9	0
10	16QAM	1	25	19.97	20.08	20.01		
10	16QAM	1	49	20	20.07	20.14		
10	16QAM	25	0	20.2	20.13	20.07	20.9	0
10	16QAM	25	12	20.04	19.89	20.17		
10	16QAM	25	25	19.99	20.12	20.19		
10	16QAM	50	0	20.08	20.07	20.12		
10	64QAM	1	0	19.96	20.14	20.14	20.9	0
10	64QAM	1	25	20.15	20.07	20.13		
10	64QAM	1	49	19.9	20.07	20		
10	64QAM	25	0	20.15	19.96	19.95	20.9	0
10	64QAM	25	12	20.05	20.11	20.19		
10	64QAM	25	25	20.01	20.17	20.08		
10	64QAM	50	0	19.98	20.11	20.05		
10	256QAM	1	0	18.59	18.77	18.66	20	0.9
10	256QAM	1	25	18.61	18.44	18.62		
10	256QAM	1	49	18.5	18.44	18.45		
10	256QAM	25	0	18.7	18.72	18.46	20	0.9
10	256QAM	25	12	18.47	18.56	18.65		
10	256QAM	25	25	18.59	18.59	18.48		
10	256QAM	50	0	18.53	18.59	18.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.12	20.29	20.07	20.9	0
5	QPSK	1	12	20.1	20.12	20.17		
5	QPSK	1	24	19.91	20.08	20.18		
5	QPSK	12	0	20.18	20.18	20.16	20.9	0
5	QPSK	12	7	20.1	20.17	20.26		
5	QPSK	12	13	20.08	20.21	20.13		
5	QPSK	25	0	19.91	20.23	19.99		
5	16QAM	1	0	20.15	20.14	20.17	20.9	0
5	16QAM	1	12	20.01	20.09	20.02		
5	16QAM	1	24	20.06	20.14	20.17		
5	16QAM	12	0	20.14	20.19	20.05	20.9	0
5	16QAM	12	7	19.98	19.9	20.11		
5	16QAM	12	13	19.94	20.12	20.13		
5	16QAM	25	0	20	20.07	20.13		
5	64QAM	1	0	20.08	20.15	20.19	20.9	0
5	64QAM	1	12	20.18	20.04	20.12		
5	64QAM	1	24	19.92	19.99	19.98		
5	64QAM	12	0	20.18	19.99	19.92	20.9	0
5	64QAM	12	7	20.01	20.07	20.2		
5	64QAM	12	13	20.03	20.11	20.05		
5	64QAM	25	0	20.07	20.07	19.97		
5	256QAM	1	0	18.59	18.76	18.62	20	0.9
5	256QAM	1	12	18.55	18.55	18.71		
5	256QAM	1	24	18.44	18.53	18.56		
5	256QAM	12	0	18.62	18.68	18.43	20	0.9
5	256QAM	12	7	18.54	18.64	18.63		
5	256QAM	12	13	18.6	18.6	18.48		
5	256QAM	25	0	18.46	18.62	18.55		

Band 12 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.29	24.38	24.34	25	0
10	QPSK	1	25	24.21	24.26	24.22		
10	QPSK	1	49	24.23	24.3	24.1		
10	QPSK	25	0	23.31	23.41	23.34	24	1
10	QPSK	25	12	23.37	23.31	23.33		
10	QPSK	25	25	23.4	23.37	23.28		
10	QPSK	50	0	23.35	23.37	23.36		
10	16QAM	1	0	23.39	23.47	23.53	24	1
10	16QAM	1	25	23.41	23.39	23.37		
10	16QAM	1	49	23.45	23.21	23.29		
10	16QAM	25	0	22.26	22.34	22.27	23	2
10	16QAM	25	12	22.37	22.31	22.28		
10	16QAM	25	25	22.23	22.41	22.35		
10	16QAM	50	0	22.4	22.32	22.41		
10	64QAM	1	0	22.33	22.43	22.36	23	2
10	64QAM	1	25	22.44	22.35	22.53		
10	64QAM	1	49	22.46	22.25	22.35		
10	64QAM	25	0	21.33	21.27	21.35	22	3
10	64QAM	25	12	21.4	21.31	21.26		
10	64QAM	25	25	21.28	21.38	21.31		
10	64QAM	50	0	21.35	21.31	21.33		
10	256QAM	1	0	19.33	19.28	19.35	20	5
10	256QAM	1	25	19.49	19.5	19.33		
10	256QAM	1	49	19.51	19.46	19.38		
10	256QAM	25	0	19.27	19.32	19.36	20	5
10	256QAM	25	12	19.39	19.26	19.27		
10	256QAM	25	25	19.35	19.33	19.33		
10	256QAM	50	0	19.33	19.29	19.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.28	24.3	24.19	25	0
5	QPSK	1	12	24.29	24.28	24.35		
5	QPSK	1	24	24.08	24.18	24.23		
5	QPSK	12	0	23.36	23.3	23.34	24	1
5	QPSK	12	7	23.36	23.36	23.47		
5	QPSK	12	13	23.21	23.27	23.18		
5	QPSK	25	0	23.31	23.25	23.29		
5	16QAM	1	0	23.49	23.39	23.35	24	1
5	16QAM	1	12	23.49	23.47	23.56		
5	16QAM	1	24	23.47	23.41	23.34		
5	16QAM	12	0	22.34	22.34	22.4	23	2
5	16QAM	12	7	22.35	22.39	22.36		
5	16QAM	12	13	22.21	22.31	22.4		
5	16QAM	25	0	22.17	22.29	22.18		
5	64QAM	1	0	22.34	22.38	22.31	23	2
5	64QAM	1	12	22.38	22.47	22.45		
5	64QAM	1	24	22.36	22.29	22.32		
5	64QAM	12	0	21.29	21.3	21.38	22	3
5	64QAM	12	7	21.26	21.33	21.38		
5	64QAM	12	13	21.47	21.38	21.43		
5	64QAM	25	0	21.15	21.23	21.16		
5	256QAM	1	0	19.44	19.36	19.35	20	5
5	256QAM	1	12	19.47	19.48	19.45		
5	256QAM	1	24	19.41	19.39	19.23		
5	256QAM	12	0	19.39	19.29	19.41	20	5
5	256QAM	12	7	19.41	19.41	19.43		
5	256QAM	12	13	19.45	19.33	19.33		
5	256QAM	25	0	19.32	19.25	19.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.35	24.29	24.26	25	0
3	QPSK	1	8	24.3	24.28	24.32		
3	QPSK	1	14	24.04	24.12	24.19		
3	QPSK	8	0	23.37	23.28	23.28	24	1
3	QPSK	8	4	23.35	23.35	23.33		
3	QPSK	8	7	23.31	23.37	23.47		
3	QPSK	15	0	23.41	23.32	23.37		
3	16QAM	1	0	23.19	23.27	23.3	24	1
3	16QAM	1	8	23.45	23.51	23.2		
3	16QAM	1	14	23.38	23.29	23.24		
3	16QAM	8	0	22.37	22.29	22.17	23	2
3	16QAM	8	4	22.46	22.41	22.51		
3	16QAM	8	7	22.37	22.39	22.5		
3	16QAM	15	0	22.44	22.34	22.44		
3	64QAM	1	0	22.34	22.35	22.42	23	2
3	64QAM	1	8	22.71	22.59	22.69		
3	64QAM	1	14	22.35	22.44	22.46		
3	64QAM	8	0	21.45	21.41	21.29	22	3
3	64QAM	8	4	21.49	21.52	21.53		
3	64QAM	8	7	21.24	21.32	21.25		
3	64QAM	15	0	21.19	21.3	21.32		
3	256QAM	1	0	19.4	19.35	19.45	20	5
3	256QAM	1	8	19.38	19.46	19.55		
3	256QAM	1	14	19.38	19.33	19.31		
3	256QAM	8	0	19.3	19.34	19.26	20	5
3	256QAM	8	4	19.41	19.42	19.54		
3	256QAM	8	7	19.39	19.38	19.37		
3	256QAM	15	0	19.45	19.33	19.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.19	24.34	25	0
1.4	QPSK	1	3	24.2	24.24	24.08		
1.4	QPSK	1	5	24.02	24.15	23.9		
1.4	QPSK	3	0	24.12	24.16	24.09		
1.4	QPSK	3	1	24.15	24.27	24.13		
1.4	QPSK	3	3	23.88	24.01	24.03		
1.4	QPSK	6	0	23.18	23.13	23.29	24	1
1.4	16QAM	1	0	23.22	23.15	23.35	24	1
1.4	16QAM	1	3	23.05	23.2	23.17		
1.4	16QAM	1	5	23.24	23.05	23.25		
1.4	16QAM	3	0	23.44	23.34	23.14		
1.4	16QAM	3	1	23.29	23.31	23.51		
1.4	16QAM	3	3	23.28	23.36	23.29		
1.4	16QAM	6	0	22.32	22.15	22.41	23	2
1.4	64QAM	1	0	22.35	22.23	22.28	23	2
1.4	64QAM	1	3	22.31	22.2	22.25		
1.4	64QAM	1	5	22.06	22.25	22.18		
1.4	64QAM	3	0	22.19	22.24	22.29		
1.4	64QAM	3	1	22.38	22.48	22.45		
1.4	64QAM	3	3	22.33	22.15	22.26		
1.4	64QAM	6	0	21.3	21.16	21.26	22	3
1.4	256QAM	1	0	19.37	19.16	19.15	20	5
1.4	256QAM	1	3	19.25	19.26	19.24		
1.4	256QAM	1	5	19.41	19.31	19.02		
1.4	256QAM	3	0	19.2	19.28	19.24		
1.4	256QAM	3	1	19.37	19.26	19.39		
1.4	256QAM	3	3	19.37	19.27	19.14		
1.4	256QAM	6	0	19.22	19.1	19.05	20	5

Band 13 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.33		25	0
10	QPSK	1	25		24.24			
10	QPSK	1	49		24.31			
10	QPSK	25	0		23.41		24	1
10	QPSK	25	12		23.36			
10	QPSK	25	25		23.37			
10	QPSK	50	0		23.27			
10	16QAM	1	0		23.21		24	1
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.1			
10	16QAM	25	0		22.31		23	2
10	16QAM	25	12		22.34			
10	16QAM	25	25		22.32			
10	16QAM	50	0		22.29			
10	64QAM	1	0		22.49		23	2
10	64QAM	1	25		22.54			
10	64QAM	1	49		22.31			
10	64QAM	25	0		21.39		22	3
10	64QAM	25	12		21.34			
10	64QAM	25	25		21.32			
10	64QAM	50	0		21.27			
10	256QAM	1	0		19.42		20	5
10	256QAM	1	25		19.44			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.4		20	5
10	256QAM	25	12		19.3			
10	256QAM	25	25		19.34			
10	256QAM	50	0		19.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.12	24.2	24.14	25	0
5	QPSK	1	12	24.11	24.13	24.11		
5	QPSK	1	24	24.18	24.27	24.29		
5	QPSK	12	0	23.36	23.28	23.3	24	1
5	QPSK	12	7	23.34	23.32	23.15		
5	QPSK	12	13	23.2	23.31	23.26		
5	QPSK	25	0	23.1	23.18	23.13		
5	16QAM	1	0	23.22	23.14	23.18	24	1
5	16QAM	1	12	23.56	23.52	23.64		
5	16QAM	1	24	23.22	23.19	23.3		
5	16QAM	12	0	22.19	22.26	22.09	23	2
5	16QAM	12	7	22.13	22.27	22.12		
5	16QAM	12	13	22.17	22.18	22.2		
5	16QAM	25	0	22.07	22.21	22.16		
5	64QAM	1	0	22.32	22.29	22.32	23	2
5	64QAM	1	12	22.45	22.38	22.38		
5	64QAM	1	24	22.16	22.17	22.19		
5	64QAM	12	0	21.21	21.18	21.19	22	3
5	64QAM	12	7	21.19	21.28	21.28		
5	64QAM	12	13	21.14	21.26	21.2		
5	64QAM	25	0	21.06	21.07	21.12		
5	256QAM	1	0	19.36	19.26	19.35	20	5
5	256QAM	1	12	19.28	19.25	19.41		
5	256QAM	1	24	19.36	19.32	19.47		
5	256QAM	12	0	19.28	19.24	19.3	20	5
5	256QAM	12	7	19.13	19.26	19.09		
5	256QAM	12	13	19.24	19.31	19.28		
5	256QAM	25	0	19.29	19.15	19.28		

Band 66 Ant1 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.67	18.97	18.73	19.5	0
20	QPSK	1	49	18.74	18.72	18.85		
20	QPSK	1	99	18.77	18.78	18.77		
20	QPSK	50	0	18.72	18.95	18.93	19.5	0
20	QPSK	50	24	18.78	18.7	18.63		
20	QPSK	50	50	18.72	18.77	18.71		
20	QPSK	100	0	18.45	18.81	18.67		
20	16QAM	1	0	18.81	18.7	18.84	19.5	0
20	16QAM	1	49	18.73	18.88	18.82		
20	16QAM	1	99	18.65	18.82	18.81		
20	16QAM	50	0	18.79	18.87	18.7	19.5	0
20	16QAM	50	24	18.83	18.75	18.84		
20	16QAM	50	50	18.73	18.81	18.74		
20	16QAM	100	0	18.57	18.64	18.86		
20	64QAM	1	0	18.79	18.85	18.68	19.5	0
20	64QAM	1	49	18.65	18.62	18.96		
20	64QAM	1	99	18.56	18.67	18.78		
20	64QAM	50	0	18.77	18.64	18.86	19.5	0
20	64QAM	50	24	18.79	18.79	18.83		
20	64QAM	50	50	18.58	18.8	18.68		
20	64QAM	100	0	18.75	18.82	18.73		
20	256QAM	1	0	18.65	18.65	18.78	19.5	0
20	256QAM	1	49	18.78	18.57	18.61		
20	256QAM	1	99	18.7	18.67	18.62		
20	256QAM	50	0	18.61	18.72	18.66	19.5	0
20	256QAM	50	24	18.85	18.76	18.74		
20	256QAM	50	50	18.54	18.93	18.57		
20	256QAM	100	0	18.57	18.65	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.52	18.82	18.66	19.5	0
15	QPSK	1	37	18.64	18.53	18.67		
15	QPSK	1	74	18.68	18.64	18.63		
15	QPSK	36	0	18.54	18.78	18.66	19.5	0
15	QPSK	36	20	18.75	18.51	18.51		
15	QPSK	36	39	18.66	18.7	18.7		
15	QPSK	75	0	18.37	18.63	18.61		
15	16QAM	1	0	18.78	18.69	18.71	19.5	0
15	16QAM	1	37	18.64	18.81	18.73		
15	16QAM	1	74	18.61	18.71	18.79		
15	16QAM	36	0	18.72	18.71	18.53	19.5	0
15	16QAM	36	20	18.69	18.73	18.66		
15	16QAM	36	39	18.52	18.66	18.62		
15	16QAM	75	0	18.51	18.58	18.7		
15	64QAM	1	0	18.72	18.67	18.58	19.5	0
15	64QAM	1	37	18.55	18.51	18.82		
15	64QAM	1	74	18.54	18.62	18.66		
15	64QAM	36	0	18.62	18.43	18.65	19.5	0
15	64QAM	36	20	18.69	18.68	18.7		
15	64QAM	36	39	18.41	18.62	18.62		
15	64QAM	75	0	18.64	18.72	18.52		
15	256QAM	1	0	18.62	18.54	18.59	19.5	0
15	256QAM	1	37	18.61	18.42	18.41		
15	256QAM	1	74	18.66	18.52	18.7		
15	256QAM	36	0	18.5	18.66	18.47	19.5	0
15	256QAM	36	20	18.66	18.66	18.71		
15	256QAM	36	39	18.37	18.8	18.38		
15	256QAM	75	0	18.43	18.59	18.62		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.57	18.74	18.55	19.5	0
10	QPSK	1	25	18.65	18.57	18.72		
10	QPSK	1	49	18.57	18.7	18.75		
10	QPSK	25	0	18.67	18.67	18.67	19.5	0
10	QPSK	25	12	18.75	18.66	18.63		
10	QPSK	25	25	18.63	18.74	18.65		
10	QPSK	50	0	18.42	18.78	18.6		
10	16QAM	1	0	18.7	18.65	18.78	19.5	0
10	16QAM	1	25	18.7	18.8	18.79		
10	16QAM	1	49	18.5	18.66	18.75		
10	16QAM	25	0	18.72	18.72	18.52	19.5	0
10	16QAM	25	12	18.67	18.71	18.73		
10	16QAM	25	25	18.69	18.67	18.55		
10	16QAM	50	0	18.42	18.58	18.8		
10	64QAM	1	0	18.67	18.8	18.64	19.5	0
10	64QAM	1	25	18.48	18.61	18.77		
10	64QAM	1	49	18.45	18.64	18.67		
10	64QAM	25	0	18.63	18.45	18.68

Band 2 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1900		
20	QPSK	1	0	17.44	17.61	17.42	18.5	0
20	QPSK	1	49	17.34	17.38	17.56		
20	QPSK	1	99	17.23	17.43	17.53		
20	QPSK	50	0	17.3	17.52	17.5	18.5	0
20	QPSK	50	24	17.33	17.34	17.51		
20	QPSK	50	50	17.27	17.47	17.25		
20	QPSK	100	0	17.23	17.44	17.19		
20	16QAM	1	0	17.33	17.21	17.48	18.5	0
20	16QAM	1	49	17.41	17.34	17.25		
20	16QAM	1	99	17.44	17.39	17.58		
20	16QAM	50	0	17.41	17.41	17.3	18.5	0
20	16QAM	50	24	17.39	17.56	17.48		
20	16QAM	50	50	17.44	17.45	17.45		
20	16QAM	100	0	17.26	17.38	17.51		
20	64QAM	1	0	17.44	17.46	17.4	18.5	0
20	64QAM	1	49	17.44	17.33	17.3		
20	64QAM	1	99	17.18	17.19	17.38		
20	64QAM	50	0	17.38	17.29	17.45	18.5	0
20	64QAM	50	24	17.27	17.45	17.38		
20	64QAM	50	50	17.28	17.43	17.36		
20	64QAM	100	0	17.26	17.58	17.32		
20	256QAM	1	0	17.55	17.43	17.48	18.5	0
20	256QAM	1	49	17.21	17.3	17.51		
20	256QAM	1	99	17.44	17.43	17.59		
20	256QAM	50	0	17.34	17.36	17.34	18.5	0
20	256QAM	50	24	17.42	17.28	17.32		
20	256QAM	50	50	17.22	17.44	17.3		
20	256QAM	100	0	17.33	17.33	17.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.18	17.45	17.28	18.5	0
15	QPSK	1	37	17.18	17.24	17.3		
15	QPSK	1	74	17.08	17.26	17.31		
15	QPSK	36	0	17.09	17.26	17.29	18.5	0
15	QPSK	36	20	17.15	17.16	17.32		
15	QPSK	36	39	17.08	17.29	17.14		
15	QPSK	75	0	17.09	17.16	16.91		
15	16QAM	1	0	17.22	16.97	17.18	18.5	0
15	16QAM	1	37	17.22	17.16	17.06		
15	16QAM	1	74	17.15	17.1	17.37		
15	16QAM	36	0	17.14	17.16	17.02	18.5	0
15	16QAM	36	20	17.12	17.39	17.19		
15	16QAM	36	39	17.27	17.16	17.24		
15	16QAM	75	0	17.14	17.21	17.39		
15	64QAM	1	0	17.3	17.27	17.19	18.5	0
15	64QAM	1	37	17.26	17.12	17.09		
15	64QAM	1	74	16.99	16.94	17.12		
15	64QAM	36	0	17.15	17.17	17.18	18.5	0
15	64QAM	36	20	17.08	17.21	17.21		
15	64QAM	36	39	17.14	17.13	17.22		
15	64QAM	75	0	17.08	17.41	17.09		
15	256QAM	1	0	17.35	17.14	17.21	18.5	0
15	256QAM	1	37	17	17.07	17.29		
15	256QAM	1	74	17.23	17.14	17.34		
15	256QAM	36	0	17.04	17.1	17.19	18.5	0
15	256QAM	36	20	17.19	17.11	17.09		
15	256QAM	36	39	16.99	17.31	17.19		
15	256QAM	75	0	17.13	17.15	17.1		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.15	17.35	17.27	18.5	0
10	QPSK	1	25	17.11	17.12	17.4		
10	QPSK	1	49	17.06	17.29	17.2		
10	QPSK	25	0	17	17.26	17.2	18.5	0
10	QPSK	25	12	17.07	17.11	17.3		
10	QPSK	25	25	17.14	17.36	17.05		
10	QPSK	50	0	17.07	17.22	16.97		
10	16QAM	1	0	17.14	17.02	17.33	18.5	0
10	16QAM	1	25	17.22	17.16	17.05		
10	16QAM	1	49	17.16	17.28	17.28		
10	16QAM	25	0	17.22	17.16	17.06	18.5	0
10	16QAM	25	12	17.09	17.34	17.24		
10	16QAM	25	25	17.22	17.17	17.25		
10	16QAM	50	0	17.14	17.16	17.34		
10	64QAM	1	0	17.27	17.25	17.21	18.5	0
10	64QAM	1	25	17.33	17.15	17.02		
10	64QAM	1	49	17.02	16.98	17.27		
10	64QAM	25	0	17.19	17.16	17.19	18.5	0
10	64QAM	25	12	17.06	17.29	17.21		
10	64QAM	25	25	17.11	17.31	17.16		
10	64QAM	50	0	17.1	17.4	17.14		
10	256QAM	1	0	17.42	17.16	17.21	18.5	0
10	256QAM	1	25	17.06	17.11	17.25		
10	256QAM	1	49	17.21	17.27	17.42		
10	256QAM	25	0	17.18	17.22	17.2	18.5	0
10	256QAM	25	12	17.16	16.99	17.13		
10	256QAM	25	25	17.01	17.2	17.16		
10	256QAM	50	0	17.13	17.13	17.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.32	17.43	17.17	18.5	0
5	QPSK	1	12	17.05	17.24	17.26		
5	QPSK	1	24	16.97	17.32	17.3		
5	QPSK	12	0	17.09	17.31	17.25	18.5	0
5	QPSK	12	7	17.13	17.19	17.21		
5	QPSK	12	13	16.98	17.28	17.03		
5	QPSK	25	0	16.98	17.21	16.95		
5	16QAM	1	0	17.07	16.95	17.3	18.5	0
5	16QAM	1	12	17.23	17.2	17.05		
5	16QAM	1	24	17.17	17.12	17.37		
5	16QAM	12	0	17.29	17.21	17.08	18.5	0
5	16QAM	12	7	17.13	17.29	17.29		
5	16QAM	12	13	17.28	17.26	17.23		
5	16QAM	25	0	17.12	17.14	17.37		
5	64QAM	1	0	17.3	17.23	17.19	18.5	0
5	64QAM	1	12	17.17	17.06	17.07		
5	64QAM	1	24	16.95	17.05	17.15		
5	64QAM	12	0	17.2	17	17.27	18.5	0
5	64QAM	12	7	17.06	17.28	17.11		
5	64QAM	12	13	17.11	17.15	17.22		
5	64QAM	25	0	17.05	17.33	17.13		
5	256QAM	1	0	17.37	17.22	17.18	18.5	0
5	256QAM	1	12	17.1	17.05	17.24		
5	256QAM	1	24	17.31	17.14	17.35		
5	256QAM	12	0	17.19	17.05	17.15	18.5	0
5	256QAM	12	7	17.17	16.99	17.21		
5	256QAM	12	13	17.06	17.13	17.09		
5	256QAM	25	0	17.13	17.07	17.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.19	17.39	17.15	18.5	0
3	QPSK	1	8	17.06	17.15	17.25		
3	QPSK	1	14	17.03	17.29	17.18		
3	QPSK	8	0	17.02	17.24	17.2	18.5	0
3	QPSK	8	4	17.18	17.13	17.28		
3	QPSK	8	7	17.06	17.23	16.97		
3	QPSK	15	0	16.99	17.21	17.02		
3	16QAM	1	0	17.04	16.92	17.3	18.5	0
3	16QAM	1	8	17.11	17.12	17.13		
3	16QAM	1	14	17.17	17.2	17.36		
3	16QAM	8	0	17.17	17.29	17.06	18.5	0
3	16QAM	8	4	17.11	17.29	17.31		
3	16QAM	8	7	17.19	17.2	17.16		
3	16QAM	15	0	16.97	17.22	17.24		
3	64QAM	1	0	17.27	17.18	17.14	18.5	0
3	64QAM	1	8	17.33	17.09	17.11		
3	64QAM	1	14	16.92	17.04	17.23		
3	64QAM	8	0	17.18	17.03	17.2	18.5	0
3	64QAM	8	4	17.16	17.23	17.21		
3	64QAM	8	7	17.01	17.25	17.07		
3	64QAM	15	0	17.05	17.27	17.1		
3	256QAM	1	0	17.43	17.28	17.17	18.5	0
3	256QAM	1	8	17	17.16	17.35		
3	256QAM	1	14	17.19	17.29	17.44		
3	256QAM	8	0	17.16	17.1	17.14	18.5	0
3	256QAM	8	4	17.19	17.09	17.19		
3	256QAM	8	7	16.98	17.27	17.17		
3	256QAM	15	0	17.05	17.13	17.21		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.17	17.27	17.28	18.5	0
1.4	QPSK	1	3	17.11	17.2	17.36		
1.4	QPSK	1	5	17.03	17.16	17.31		
1.4	QPSK	3	0	17.07	17.35	17.37		
1.4	QPSK	3	1	17.1	17.07	17.36		
1.4	QPSK	3	3	17.03	17.35	17.03		
1.4	QPSK	6	0	17.1	17.28	16.88	18.5	0
1.4	16QAM	1	0	17.15	17.03	17.19	18.5	0
1.4	16QAM	1	3	17.18	17.19	17.09		
1.4	16QAM	1	5	17.19	17.14	17.3		
1.4	16QAM	3	0	17.23	17.2	17.07		
1.4	16QAM	3	1	17.12	17.25	17.27		
1.4	16QAM	3	3	17.23	17.22	17.33		
1.4	16QAM	6	0	17.09	17.11	17.36	18.5	0
1.4	64QAM	1	0	17.2	17.21	17.18	18.5	0
1.4	64QAM	1	3	17.23	17.03	17.15		
1.4	64QAM	1	5	16.88	16.94	17.2		
1.4	64QAM	3	0	17.15	17.07	17.21		
1.4	64QAM	3	1	17.13	17.28	17.16		
1.4	64QAM	3	3	17.08	17.13	17.06		
1.4	64QAM	6	0	17.03	17.31	17.11	18.5	0
1.4	256QAM	1	0	17.32	17.16	17.36	18.5	0
1.4	256QAM	1	3	16.92	17.18	17.32		
1.4	256QAM	1	5	17.21	17.3	17.37		
1.4	256QAM	3	0	17.19	17.18	17.19		
1.4	256QAM	3	1	17.2	17.16	17.2		
1.4	256QAM	3	3	16.95	17.27	17.12		
1.4	256QAM	6	0	17.16	17.07	17.25	18.5	0

Band 4 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20000	20175	20350		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.42	16.65	16.41	17.7	0
20	QPSK	1	49	16.62	16.61	16.59		
20	QPSK	1	99	16.41	16.5	16.56		
20	QPSK	50	0	16.31	16.64	16.41	17.7	0
20	QPSK	50	24	16.63	16.62	16.5		
20	QPSK	50	50	16.25	16.54	16.51		
20	QPSK	100	0	16.28	16.58	16.23		
20	16QAM	1	0	16.48	16.48	16.42	17.7	0
20	16QAM	1	49	16.44	16.47	16.53		
20	16QAM	1	99	16.43	16.56	16.42		
20	16QAM	50	0	16.57	16.32	16.47	17.7	0
20	16QAM	50	24	16.58	16.63	16.38		
20	16QAM	50	50	16.52	16.58	16.57		
20	16QAM	100	0	16.49	16.46	16.69		
20	64QAM	1	0	16.58	16.42	16.4	17.7	0
20	64QAM	1	49	16.49	16.42	16.33		
20	64QAM	1	99	16.41	16.49	16.37		
20	64QAM	50	0	16.59	16.29	16.69	17.7	0
20	64QAM	50	24	16.42	16.27	16.43		
20	64QAM	50	50	16.35	16.47	16.52		
20	64QAM	100	0	16.49	16.48	16.6		
20	256QAM	1	0	16.6	16.59	16.35	17.7	0
20	256QAM	1	49	16.29	16.55	16.33		
20	256QAM	1	99	16.39	16.45	16.67		
20	256QAM	50	0	16.32	16.41	16.52	17.7	0
20	256QAM	50	24	16.5	16.62	16.45		
20	256QAM	50	50	16.28	16.43	16.66		
20	256QAM	100	0	16.47	16.43	16.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.33	16.52	16.4	17.7	0
15	QPSK	1	37	16.57	16.46	16.44		
15	QPSK	1	74	16.28	16.32	16.5		
15	QPSK	36	0	16.18	16.59	16.3	17.7	0
15	QPSK	36	20	16.47	16.42	16.48		
15	QPSK	36	39	16.39	16.47	16.33		
15	QPSK	75	0	16.27	16.44	16.2		
15	16QAM	1	0	16.28	16.47	16.34	17.7	0
15	16QAM	1	37	16.39	16.45	16.51		
15	16QAM	1	74	16.37	16.53	16.33		
15	16QAM	36	0	16.54	16.12	16.32	17.7	0
15	16QAM	36	20	16.43	16.43	16.18		
15	16QAM	36	39	16.31	16.39	16.4		
15	16QAM	75	0	16.39	16.44	16.66		
15	64QAM	1	0	16.54	16.29	16.21	17.7	0
15	64QAM	1	37	16.45	16.22	16.28		
15	64QAM	1	74	16.4	16.48	16.23		
15	64QAM	36	0	16.44	16.2	16.54	17.7	0
15	64QAM	36	20	16.39	16.08	16.25		
15	64QAM	36	39	16.15	16.38	16.45		
15	64QAM	75	0	16.3	16.37	16.52		
15	256QAM	1	0	16.54	16.53	16.31	17.7	0
15	256QAM	1	37	16.15	16.37	16.15		
15	256QAM	1	74	16.25	16.43	16.57		
15	256QAM	36	0	16.26	16.2	16.44	17.7	0
15	256QAM	36	20	16.39	16.48	16.32		
15	256QAM	36	39	16.26	16.33	16.55		
15	256QAM	75	0	16.28	16.26	15.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.4	16.51	16.31	17.7	0
10	QPSK	1	25	16.59	16.59	16.53		
10	QPSK	1	49	16.38	16.43	16.48		
10	QPSK	25	0	16.27	16.43	16.34	17.7	0
10	QPSK	25	12	16.5	16.57	16.34		
10	QPSK	25	25	16.13	16.47	16.43		
10	QPSK	50	0	16.12	16.45	16.04		
10	16QAM	1	0	16.46	16.37	16.29	17.7	0
10	16QAM	1	25	16.3	16.37	16.44		
10	16QAM	1	49	16.27	16.35	16.37		
10	16QAM	25	0	16.52	16.28	16.43	17.7	0
10	16QAM	25	12	16.54	16.62	16.3		
10	16QAM	25	25	16.38	16.44	16.51		
10	16QAM	50	0	16.31	16.42	16.62		
10	64QAM	1	0	16.48	16.21	16.35	17.7	0
10	64QAM	1	25	16.45	16.26	16.18		
10	64QAM	1	49	16.25	16.29	16.23		
10	64QAM	25	0	16.49	16.45	16.66	17.7	0
10	64QAM	25	12	16.4	16.24	16.4		
10	64QAM	25	25	16.31	16.35	16.4		
10	64QAM	50	0	16.47	16.42	16.55		
10	256QAM	1	0	16.4	16.38	16.18	17.7	0
10	256QAM	1	25	16.22	16.52	16.21		
10	256QAM	1	49	16.19	16.43	16.55		
10	256QAM	25	0	16.25	16.27	16.34	17.7	0
10	256QAM	25	12	16.34	16.56	16.41		
10	256QAM	25	25	16.43	16.36	16.65		
10	256QAM	50	0	16.44	16.26	16.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.35	16.54	16.33	17.7	0
5	QPSK	1	12	16.45	16.42	16.53		
5	QPSK	1	24	16.31	16.42	16.39		
5	QPSK	12	0	16.16	16.6	16.38	17.7	0
5	QPSK	12	7	16.55	16.57	16.32		
5	QPSK	12	13	16.56	16.46	16.38		
5	QPSK	25	0	16.27	16.4	16.1		
5	16QAM	1	0	16.29	16.44	16.28	17.7	0
5	16QAM	1	12	16.24	16.34	16.32		
5	16QAM	1	24	16.39	16.5	16.39		
5	16QAM	12	0	16.5	16.12	16.44	17.7	0
5	16QAM	12	7	16.4	16.44	16.34		
5	16QAM	12	13	16.48	16.41	16.43		
5	16QAM	25	0	16.43	16.34	16.54		
5	64QAM	1	0	16.43	16.37	16.25	17.7	0
5	64QAM	1	12	16.48	16.3	16.23		
5	64QAM	1	24	16.37	16.43	16.2		
5	64QAM	12	0	16.56	16.25	16.64	17.7	0
5	64QAM	12	7	16.22	16.16	16.35		
5	64QAM	12	13	16.34	16.27	16.5		
5	64QAM	25	0	16.37	16.37	16.49		
5	256QAM	1	0	16.55	16.53	16.17	17.7	0
5	256QAM	1	12	16.24	16.38	16.21		
5	256QAM	1	24	16.38	16.39	16.57		
5	256QAM	12	0	16.25	16.38	16.32	17.7	0
5	256QAM	12	7	16.48	16.47	16.43		
5	256QAM	12	13	16.2	16.33	16.64		
5	256QAM	25	0	16.45	16.24	15.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.41	16.53	16.38	17.7	0
3	QPSK	1	8	16.51	16.45	16.57		
3	QPSK	1	14	16.33	16.39	16.45		
3	QPSK	8	0	16.21	16.56	16.24	17.7	0
3	QPSK	8	4	16.59	16.46	16.32		
3	QPSK	8	7	16.37	16.4	16.41		
3	QPSK	15	0	16.2	16.55	16.17		
3	16QAM	1	0	16.46	16.34	16.3	17.7	0
3	16QAM	1	8	16.28	16.37	16.34		
3	16QAM	1	14	16.26	16.37	16.25		
3	16QAM	8	0	16.54	16.24	16.33	17.7	0
3	16QAM	8	4	16.4	16.47	16.25		
3	16QAM	8	7	16.43	16.38	16.5		
3	16QAM	15	0	16.46	16.4	16.56		
3	64QAM	1	0	16.39	16.37	16.22	17.7	0
3	64QAM	1	8	16.33	16.28	16.31		
3	64QAM	1	14	16.24	16.36	16.17		
3	64QAM	8	0	16.53	16.09	16.55	17.7	0
3	64QAM	8	4	16.37	16.19	16.4		
3	64QAM	8	7	16.18	16.28	16.38		
3	64QAM	15	0	16.31	16.36	16.45		
3	256QAM	1	0	16.56	16.41	16.3	17.7	0
3	256QAM	1	8	16.23	16.41	16.24		
3	256QAM	1	14	16.22	16.41	16.53		
3	256QAM	8	0	16.12	16.28	16.36	17.7	0
3	256QAM	8	4	16.42	16.58	16.3		
3	256QAM	8	7	16.14	16.36	16.6		
3	256QAM	15	0	16.31	16.27	15.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.21	16.57	16.25	17.7	0
1.4	QPSK	1	3	16.45	16.45	16.49		
1.4	QPSK	1	5	16.31	16.49	16.55		
1.4	QPSK	3	0	16.11	16.51	16.34		
1.4	QPSK	3	1	16.47	16.6	16.37		
1.4	QPSK	3	3	16.17	16.49	16.35		
1.4	QPSK	6	0	16.21	16.45	16.13	17.7	0
1.4	16QAM	1	0	16.4	16.38	16.37	17.7	0
1.4	16QAM	1	3	16.26	16.31	16.46		
1.4	16QAM	1	5	16.31	16.45	16.36		
1.4	16QAM	3	0	16.49	16.13	16.44		
1.4	16QAM	3	1	16.52	16.5	16.18		
1.4	16QAM	3	3	16.4	16.41	16.37		
1.4	16QAM	6	0	16.38	16.44	16.64	17.7	0
1.4	64QAM	1	0	16.52	16.27	16.37	17.7	0
1.4	64QAM	1	3	16.34	16.28	16.2		
1.4	64QAM	1	5	16.35	16.43	16.17		
1.4	64QAM	3	0	16.52	16.12	16.52		
1.4	64QAM	3	1	16.24	16.09	16.27		
1.4	64QAM	3	3	16.28	16.35	16.36		
1.4	64QAM	6	0	16.3	16.47	16.56	17.7	0
1.4	256QAM	1	0	16.53	16.44	16.33	17.7	0
1.4	256QAM	1	3	16.26	16.52	16.3		
1.4	256QAM	1	5	16.31	16.32	16.51		
1.4	256QAM	3	0	16.3	16.3	16.51		
1.4	256QAM	3	1	16.47	16.51	16.3		
1.4	256QAM	3	3	16.09	16.38	16.58		
1.4	256QAM	6	0	16.35	16.27	16.45	17.7	0

Band 5 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.66	22.59	23.1	0
10	QPSK	1	25	22.35	22.37	22.49		
10	QPSK	1	49	22.25	22.36	22.43		
10	QPSK	25	0	22.41	22.58	22.54	23.1	0
10	QPSK	25	12	22.48	22.53	22.51		
10	QPSK	25	25	22.4	22.48	22.49		
10	QPSK	50	0	22.43	22.53	22.5		
10	16QAM	1	0	22.29	22.29	22.24	23.1	0
10	16QAM	1	25	22.22	22.16	22.26		
10

Band 7 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.69	16.95	16.68	17.6	0
20	QPSK	1	49	16.68	16.74	16.8		
20	QPSK	50	0	16.64	16.74	16.81		
20	QPSK	50	24	16.61	16.83	16.79	17.6	0
20	QPSK	50	24	16.73	16.69	16.79		
20	QPSK	50	50	16.64	16.82	16.57		
20	QPSK	100	0	16.55	16.80	16.65		
20	16QAM	1	0	16.68	16.72	16.7	17.6	0
20	16QAM	1	49	16.64	16.73	16.57		
20	16QAM	1	99	16.67	16.71	16.69		
20	16QAM	50	0	16.67	16.72	16.64	17.6	0
20	16QAM	50	24	16.58	16.77	16.7		
20	16QAM	50	50	16.57	16.71	16.73		
20	16QAM	100	0	16.65	16.68	16.72		
20	64QAM	1	0	16.73	16.73	16.71	17.6	0
20	64QAM	1	49	16.77	16.63	16.78		
20	64QAM	1	99	16.56	16.66	16.75		
20	64QAM	50	0	16.71	16.64	16.7	17.6	0
20	64QAM	50	24	16.6	16.63	16.75		
20	64QAM	50	50	16.62	16.67	16.64		
20	64QAM	100	0	16.49	16.59	16.6		
20	256QAM	1	0	16.65	16.7	16.7	17.6	0
20	256QAM	1	49	16.6	16.69	16.75		
20	256QAM	1	99	16.63	16.75	16.69		
20	256QAM	50	0	16.53	16.68	16.65	17.6	0
20	256QAM	50	24	16.79	16.6	16.77		
20	256QAM	50	50	16.53	16.78	16.59		
20	256QAM	100	0	16.62	16.73	16.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.55	16.84	16.57	17.6	0
15	QPSK	1	37	16.63	16.63	16.7		
15	QPSK	1	74	16.51	16.62	16.75		
15	QPSK	36	0	16.5	16.71	16.68	17.6	0
15	QPSK	36	20	16.6	16.63	16.65		
15	QPSK	36	39	16.57	16.71	16.46		
15	QPSK	75	0	16.49	16.69	16.59		
15	16QAM	1	0	16.59	16.62	16.59	17.6	0
15	16QAM	1	37	16.59	16.65	16.45		
15	16QAM	1	74	16.58	16.66	16.61		
15	16QAM	36	0	16.55	16.63	16.57	17.6	0
15	16QAM	36	20	16.53	16.67	16.61		
15	16QAM	36	39	16.47	16.58	16.6		
15	16QAM	75	0	16.59	16.58	16.63		
15	64QAM	1	0	16.63	16.67	16.59	17.6	0
15	64QAM	1	37	16.71	16.5	16.64		
15	64QAM	1	74	16.44	16.6	16.62		
15	64QAM	36	0	16.58	16.51	16.58	17.6	0
15	64QAM	36	20	16.55	16.51	16.64		
15	64QAM	36	39	16.55	16.56	16.5		
15	64QAM	75	0	16.4	16.5	16.51		
15	256QAM	1	0	16.56	16.61	16.6	17.6	0
15	256QAM	1	37	16.55	16.55	16.68		
15	256QAM	1	74	16.53	16.63	16.62		
15	256QAM	36	0	16.39	16.54	16.59	17.6	0
15	256QAM	36	20	16.7	16.51	16.69		
15	256QAM	36	39	16.48	16.64	16.51		
15	256QAM	75	0	16.47	16.61	16.58		
Channel				20850	21100	21450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.6	16.88	16.62	17.6	0
10	QPSK	1	25	16.54	16.59	16.66		
10	QPSK	1	49	16.58	16.68	16.69		
10	QPSK	25	0	16.49	16.72	16.73	17.6	0
10	QPSK	25	12	16.63	16.63	16.68		
10	QPSK	25	25	16.5	16.71	16.45		
10	QPSK	50	0	16.48	16.68	16.58		
10	16QAM	1	0	16.54	16.65	16.63	17.6	0
10	16QAM	1	25	16.57	16.61	16.51		
10	16QAM	1	49	16.62	16.58	16.63		
10	16QAM	25	0	16.59	16.63	16.5	17.6	0
10	16QAM	25	12	16.52	16.64	16.59		
10	16QAM	25	25	16.46	16.61	16.6		
10	16QAM	50	0	16.55	16.58	16.62		
10	64QAM	1	0	16.58	16.66	16.58	17.6	0
10	64QAM	1	25	16.64	16.58	16.64		
10	64QAM	1	49	16.51	16.57	16.69		
10	64QAM	25	0	16.6	16.5	16.59	17.6	0
10	64QAM	25	12	16.52	16.5	16.63		
10	64QAM	25	25	16.58	16.54	16.59		
10	64QAM	50	0	16.34	16.46	16.5		
10	256QAM	1	0	16.54	16.57	16.58	17.6	0
10	256QAM	1	25	16.52	16.6	16.65		
10	256QAM	1	49	16.54	16.64	16.64		
10	256QAM	25	0	16.38	16.54	16.52	17.6	0
10	256QAM	25	12	16.74	16.54	16.67		
10	256QAM	25	25	16.46	16.67	16.47		
10	256QAM	50	0	16.53	16.63	16.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.64	16.89	16.62	17.6	0
5	QPSK	1	12	16.57	16.68	16.67		
5	QPSK	1	24	16.54	16.68	16.73		
5	QPSK	12	0	16.54	16.72	16.73	17.6	0
5	QPSK	12	7	16.59	16.61	16.72		
5	QPSK	12	13	16.58	16.74	16.44		
5	QPSK	25	0	16.47	16.67	16.53		
5	16QAM	1	0	16.62	16.61	16.59	17.6	0
5	16QAM	1	12	16.59	16.67	16.48		
5	16QAM	1	24	16.53	16.63	16.58		
5	16QAM	12	0	16.55	16.61	16.5	17.6	0
5	16QAM	12	7	16.46	16.72	16.59		
5	16QAM	12	13	16.51	16.6	16.67		
5	16QAM	25	0	16.54	16.54	16.6		
5	64QAM	1	0	16.59	16.66	16.63	17.6	0
5	64QAM	1	12	16.62	16.57	16.64		
5	64QAM	1	24	16.44	16.58	16.65		
5	64QAM	12	0	16.54	16.56	16.62	17.6	0
5	64QAM	12	7	16.54	16.46	16.65		
5	64QAM	12	13	16.53	16.52	16.59		
5	64QAM	25	0	16.43	16.45	16.53		
5	256QAM	1	0	16.51	16.57	16.64	17.6	0
5	256QAM	1	12	16.54	16.59	16.73		
5	256QAM	1	24	16.54	16.63	16.58		
5	256QAM	12	0	16.42	16.54	16.5	17.6	0
5	256QAM	12	7	16.66	16.51	16.67		
5	256QAM	12	13	16.46	16.7	16.5		
5	256QAM	25	0	16.5	16.64	16.59		

Band 12 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.02	24.35	24.06	25	0
10	QPSK	1	25	24.14	24.05	24.12		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	22.52	22.64	23.94	24	1
10	QPSK	25	12	22.5	22.56	22.54		
10	QPSK	25	25	22.61	22.56	22.59		
10	QPSK	50	0	22.62	22.66	22.58		
10	16QAM	1	0	22.51	22.45	22.52	24	1
10	16QAM	1	25	22.34	22.3	22.42		
10	16QAM	1	49	22.4	22.45	22.5		
10	16QAM	25	0	22.5	22.44	22.48	23	2
10	16QAM	25	12	22.56	22.71	22.44		
10	16QAM	25	25	22.46	22.56	22.58		
10	16QAM	50	0	22.41	22.6	22.52		
10	64QAM	1	0	22.5	22.44	22.58	23	2
10	64QAM	1	25	22.43	22.48	22.56		
10	64QAM	1	49	22.37	22.57	22.32		
10	64QAM	25	0	22.62	22.48	22.32	23	2
10	64QAM	25	12	22.47	22.63	22.61		
10	64QAM	25	25	22.44	22.44	22.4		
10	64QAM	50	0	22.43	22.6	22.51		
10	256QAM	1	0	19.02	19.19	19.29	20	5
10	256QAM	1	25	19.03	19.27	19.04		
10	256QAM	1	49	18.97	19.28	19.11		
10	256QAM	25	0	18.85	18.93	18.86	20	5
10	256QAM	25	12	18.82	18.83	19.01		
10	256QAM	25	25	18.81	18.76	18.87		
10	256QAM	50	0	18.94	18.84	18.85		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.57	23.54	25	0
5	QPSK	1	12	23.62	23.56	23.65		
5	QPSK	1	24	23.55	23.62	23.42		
5	QPSK	12	0	22.63	22.62	22.46	24	1
5	QPSK	12	7	22.48	22.54	22.68		
5	QPSK	12	13	22.63	22.54	22.57		
5	QPSK	25	0	22.6	22.74	22.56		
5	16QAM	1	0	22.49	22.41	22.5	24	1
5	16QAM	1	12	22.32	22.28	22.4		
5	16QAM	1	24	22.38	22.43	22.48		
5	16QAM	12	0	22.48	22.42	22.46	23	2
5	16QAM	12	7	22.54	22.69	22.42		
5	16QAM	12	13	22.44	22.54	22.56		
5	16QAM	25	0	22.39	22.58	22.5		
5	64QAM	1	0	22.48	22.42	22.57	23	2
5	64QAM	1	12	22.41	22.46	22.54		
5	64QAM	1	24	22.35	22.55	22.3		
5	64QAM	12	0	22.6	22.46	22.3	23	2
5	64QAM	12	7	22.45	22.61	22.59		
5	64QAM	12	13	22.42	22.42	22.38		
5	64QAM	25	0	22.41	22.58	22.49		
5	256QAM	1	0	19	19.17	19.27	20	5
5	256QAM	1	12	19.07	19.25	19.02		
5	256QAM	1	24	18.95	19.28	19.09		
5	256QAM	12	0	18.83	18.91	18.84	20	5
5	256QAM	12	7	18.8	18.81	18.99		
5	256QAM	12	13	18.79	18.74	18.85		
5	256QAM	25	0	18.92	18.82	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.47	23.59	23.49	25	0
3	QPSK	1	8	23.55	23.48	23.62		
3	QPSK	1	14	23.51	23.52	23.45		
3	QPSK	8	0	22.52	22.66	22.44	24	1
3	QPSK	8	4	22.47	22.46	22.71		
3	QPSK	8	7	22.64	22.51	22.63		
3	QPSK	15	0	22.68	22.61	22.69		
3	16QAM	1	0	22.37	22.45	22.48	24	1
3	16QAM	1	8	22.49	22.38	22.34		
3	16QAM	1	14	22.45	22.42	22.44		
3	16QAM	8	0	22.39	22.49	22.41	23	2
3	16QAM	8	4	22.56	22.62	22.42		
3	16QAM	8	7	22.43	22.53	22.52		
3	16QAM	15	0	22.45	22.48	22.5		
3	64QAM	1	0	22.48	22.53	22.6	23	2
3	64QAM	1	8	22.32	22.36	22.54		
3	64QAM	1	14	22.36	22.44	22.38		
3	64QAM	8	0	22.51	22.45	22.4	23	2
3	64QAM	8	4	22.57	22.7	22.57		
3	64QAM	8	7	22.38	22.41	22.46		
3	64QAM	15	0	22.41	22.53	22.39		
3	256QAM	1	0	19.06	19.19	19.26	20	5
3	256QAM	1	8	18.99	19.17	19.02		
3	256QAM	1	14	18.95	19.2	19.09		
3	256QAM	8	0	18.79	18.95	18.88	20	5
3	256QAM	8	4	18.76	18.81	18.99		
3	256QAM	8	7	18.83	18.71	18.82		
3	256QAM	15	0	18.86	18.88	18.81		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.62	23.58	23.55	25	0
1.4	QPSK	1	3	23.56	23.65	23.61		
1.4	QPSK	1	5	23.53	23.5	23.46		
1.4	QPSK	3	0	23.58	23.67	23.51		
1.4	QPSK	3	1	23.47	23.49	23.53		
1.4	QPSK	3	3	23.53	23.54	23.56		
1.4	QPSK	6	0	22.5	22.65	22.71	24	1
1.4	16QAM	1	0	22.49	22.54	22.5	24	1
1.4	16QAM	1	3	22.45	22.45	22.43		
1.4	16QAM	1	5	22.4	22.36	22.47		
1.4	16QAM	3	0	22.31	22.33	22.48		
1.4	16QAM	3	1	22.52	22.64	22.44		
1.4	16QAM	3	3	22.44	22.5	22.46		
1.4	16QAM	6	0	22.36	22.58	22.63	23	2
1.4	64QAM	1	0	22.41	22.54	22.49	23	2
1.4	64QAM	1	3	22.46	22.36	22.37		
1.4	64QAM	1	5	22.25	22.53	22.4		
1.4	64QAM	3	0	22.47	22.42	22.4		
1.4	64QAM	3	1	22.59	22.68	22.49		
1.4	64QAM	3	3	22.48	22.42	22.53		
1.4	64QAM	6	0	22.43	22.6	22.41	23	2
1.4	256QAM	1	0	18.97	19.16	19.26	20	5
1.4	256QAM	1	3	19	19.19	19.05		
1.4	256QAM	1	5	18.99	19.29	19.08		
1.4	256QAM	3	0	18.84	18.96	18.85	20	5
1.4	256QAM	3	1	18.82	18.86	18.94		
1.4	256QAM	3	3	18.76	18.75	18.77		
1.4	256QAM	6	0	18.83	18.89	18.87	20	5

Band 13 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.33		25	0
10	QPSK	1	25		24.24			
10	QPSK	1	49		24.27			
10	QPSK	25	0		23.77		25	0
10	QPSK	25	12		23.71			
10	QPSK	25	25		23.71			
10	QPSK	50	0		23.74			
10	16QAM	1	0		23.72		25	0
10	16QAM	1	25		23.87			
10	16QAM	1	49		23.84			
10	16QAM	25	0		23.59		24	1
10	16QAM	25	12		23.42			
10	16QAM	25	25		23.41			
10	16QAM	50	0		22.3			
10	64QAM	1	0		22.63		24	1
10	64QAM	1	25		22.86			
10	64QAM	1	49		22.77			
10	64QAM	25	0		22.38		24	1
10	64QAM	25	12		22.41			
10	64QAM	25	25		22.41			
10	64QAM	50	0		22.31			
10	256QAM	1	0		19.27		21	4
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.22		21	4
10	256QAM	25	12		19.17			
10	256QAM	25	25		19			
10	256QAM	50	0		19.17			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.14	24.25	24.17	25	0
5	QPSK	1	12	24.3	24.26	24.19		
5	QPSK	1	24	24.19	24.14	24.19		
5	QPSK	12	0	24.16	24.21	24.12	25	0
5	QPSK	12	7	24.22	24.2	24.16		
5	QPSK	12	13	24.26	24.23	24.23		
5	QPSK	25	0	24.24	24.19	24.12		
5	16QAM	1	0	24.29	24.26	24.33	25	0
5	16QAM	1	12	24.35	24.29	24.31		
5	16QAM	1	24	24.28	24.36	24.32		
5	16QAM	12	0	22.38	22.39	22.35	24	1
5	16QAM	12	7	22.17	22.41	22.41		
5	16QAM	12	13	22.27	22.45	22.22		
5	16QAM	25	0	22.36	22.41	22.35		
5	64QAM	1	0	22.75	22.63	22.73	24	1
5	64QAM	1	12	22.62	22.72	22.86		
5	64QAM	1	24	22.78	22.69	22.74		
5	64QAM	12	0	22.64	22.57	22.48	24	1
5	64QAM	12	7	22.59	22.63	22.62		
5	64QAM	12	13	22.53	22.59	22.68		
5	64QAM	25	0	22.26	22.35	22.31		
5	256QAM	1	0	19.09	19.26	19.14	21	4
5	256QAM	1	12	19.11	19.12	19.08		
5	256QAM	1	24	19.08	19.09	19.15		
5	256QAM	12	0	19.15	19.15	19.12	21	4
5	256QAM	12	7	19.07	19.16	19.21		
5	256QAM	12	13	19.06	19.22	19.07		
5	256QAM	25	0	19.09	19.19	19.11		

Band 66 Ant1 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.53	16.81	16.53	17.7	0
20	QPSK	1	49	16.7	16.73	16.71		
20	QPSK	1	99	16.51	16.58	16.74		
20	QPSK	50	0	16.43	16.76	16.54	17.7	0
20	QPSK	50	24	16.64	16.74	16.6		
20	QPSK	50	50	16.43	16.67	16.6		
20	QPSK	100	0	16.47	16.78	16.36		
20	16QAM	1	0	16.56	16.58	16.57	17.7	0
20	16QAM	1	49	16.5	16.66	16.61		
20	16QAM	1	99	16.53	16.7	16.53		
20	16QAM	50	0	16.71	16.47	16.64	17.7	0
20	16QAM	50	24	16.6	16.72	16.59		
20	16QAM	50	50	16.53	16.66	16.62		
20	16QAM	100	0	16.59	16.57	16.78		
20	64QAM	1	0	16.71	16.57	16.51	17.7	0
20	64QAM	1	49	16.68	16.46	16.48		
20	64QAM	1	99	16.54	16.66	16.57		
20	64QAM	50	0	16.73	16.48	16.78	17.7	0
20	64QAM	50	24	16.47	16.44	16.58		
20	64QAM	50	50	16.41	16.61	16.66		
20	64QAM	100	0	16.56	16.63	16.65		
20	256QAM	1	0	16.62	16.61	16.47	17.7	0
20	256QAM	1	49	16.49	16.55	16.45		
20	256QAM	1	99	16.5	16.53	16.72		
20	256QAM	50	0	16.36	16.5	16.55	17.7	0
20	256QAM	50	24	16.67	16.71	16.56		
20	256QAM	50	50	16.38	16.57	16.73		
20	256QAM	100	0	16.65	16.53	16.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.46	16.7	16.52	17.7	0
15	QPSK	1	37	16.56	16.56	16.53		
15	QPSK	1	74	16.33	16.42	16.54		
15	QPSK	36	0	16.28	16.72	16.35	17.7	0
15	QPSK	36	20	16.62	16.66	16.55		
15	QPSK	36	39	16.41	16.53	16.44		
15	QPSK	75	0	16.46	16.49	16.35		
15	16QAM	1	0	16.39	16.51	16.41	17.7	0
15	16QAM	1	37	16.4	16.5	16.58		
15	16QAM	1	74	16.47	16.51	16.48		
15	16QAM	36	0	16.62	16.34	16.57	17.7	0
15	16QAM	36	20	16.42	16.62	16.53		
15	16QAM	36	39	16.39	16.61	16.46		
15	16QAM	75	0	16.5	16.38	16.72		
15	64QAM	1	0	16.66	16.53	16.5	17.7	0
15	64QAM	1	37	16.56	16.32	16.29		
15	64QAM	1	74	16.54	16.53	16.55		
15	64QAM	36	0	16.64	16.3	16.57	17.7	0
15	64QAM	36	20	16.42	16.3	16.39		
15	64QAM	36	39	16.22	16.5	16.59		
15	64QAM	75	0	16.44	16.55	16.6		
15	256QAM	1	0	16.45	16.48	16.31	17.7	0
15	256QAM	1	37	16.38	16.44	16.32		
15	256QAM	1	74	16.38	16.42	16.66		
15	256QAM	36	0	16.26	16.33	16.41	17.7	0
15	256QAM	36	20	16.61	16.59	16.37		
15	256QAM	36	39	16.38	16.41	16.6		
15	256QAM	75	0	16.55	16.31	16.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.47	16.69	16.46	17.7	0
10	QPSK	1	25	16.54	16.6	16.69		
10	QPSK	1	49	16.5	16.42	16.61		
10	QPSK	25	0	16.23	16.64	16.42	17.7	0
10	QPSK	25	12	16.62	16.55	16.51		
10	QPSK	25	25	16.28	16.48	16.52		
10	QPSK	50	0	16.45	16.49	16.24		
10	16QAM	1	0	16.46	16.49	16.48	17.7	0
10	16QAM	1	25	16.44	16.49	16.55		
10	16QAM	1	49	16.52	16.64	16.47		
10	16QAM	25	0	16.55	16.28	16.61	17.7	0
10	16QAM	25	12	16.51	16.65	16.45		
10	16QAM	25	25	16.38	16.63	16.37		
10	16QAM	50	0	16.43	16.39	16.69		
10	64QAM	1	0	16.61	16.56	16.37	17.7	0
10	64QAM	1	25	16.66	16.42	16.33		
10	64QAM	1	49	16.46	16.6	16.37		
10	64QAM	25	0

Band 48 Ant 2 DSI3 standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.02	17.05	17.23	17.12	18.5	0
20	QPSK	1	49	17.02	17.09	17.04	17.03		
20	QPSK	1	99	17.06	17.15	17.17	17.04		
20	QPSK	50	0	17.08	17.14	17.2	17.11	18.5	0
20	QPSK	50	24	17	17.1	17.16	17.02		
20	QPSK	50	50	16.96	16.99	17.01	16.97		
20	QPSK	100	0	16.98	17.11	17.16	17.05		
20	16QAM	1	0	16.94	17.13	17.15	17.06	18.5	0
20	16QAM	1	49	16.98	17.07	17.05	17.05		
20	16QAM	1	99	17.01	17.11	17.04	17.12		
20	16QAM	50	0	17.06	17.11	17.15	17.01	18.5	0
20	16QAM	50	24	17.05	17.02	17.1	16.94		
20	16QAM	50	50	16.93	17.05	17.02	16.96		
20	16QAM	100	0	17.02	17.08	17.07	17.05		
20	64QAM	1	0	17.07	17.13	17.13	17.1	18.5	0
20	64QAM	1	49	17.08	17.13	17.03	16.98		
20	64QAM	1	99	17.03	17.14	17.06	17.13		
20	64QAM	50	0	17.03	17.15	17.06	17.13	18.5	0
20	64QAM	50	24	16.98	17.11	17.14	17.03		
20	64QAM	50	50	16.97	17.03	17.12	17.04		
20	64QAM	100	0	17.03	17.06	17.11	17.09		
20	256QAM	1	0	16.98	17.07	17.12	17.07	18.5	0
20	256QAM	1	49	16.99	17.1	17.07	17.06		
20	256QAM	1	99	16.96	17.14	17.08	17.12		
20	256QAM	50	0	17	17.11	17.08	17.05	18.5	0
20	256QAM	50	24	17.03	17.13	17.09	16.99		
20	256QAM	50	50	16.99	17.06	17.11	17.05		
20	256QAM	100	0	16.9	17.08	17.1	17.11		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.95	16.9	17.09	16.99	18.5	0
15	QPSK	1	37	16.89	16.99	16.9	16.96		
15	QPSK	1	74	16.96	17.03	17.07	16.98		
15	QPSK	36	0	17.02	17.02	17.07	17.05	18.5	0
15	QPSK	36	20	16.93	17.03	17.08	16.93		
15	QPSK	36	39	16.82	16.89	16.87	16.83		
15	QPSK	75	0	16.85	17.02	17.1	16.92		
15	16QAM	1	0	16.83	17.02	17.01	16.96	18.5	0
15	16QAM	1	37	16.92	16.97	16.93	16.91		
15	16QAM	1	74	16.92	17.02	16.96	17.04		
15	16QAM	36	0	16.97	17.06	17.09	16.93	18.5	0
15	16QAM	36	20	16.96	16.92	17.02	16.79		
15	16QAM	36	39	16.85	16.9	16.9	16.88		
15	16QAM	75	0	16.91	16.98	16.99	16.93		
15	64QAM	1	0	16.93	17.03	17.06	16.95	18.5	0
15	64QAM	1	37	17.01	17.05	16.93	16.85		
15	64QAM	1	74	16.97	17.09	16.99	17.02		
15	64QAM	36	0	16.89	17.03	16.96	17.05	18.5	0
15	64QAM	36	20	16.91	17	17.03	16.89		
15	64QAM	36	39	16.89	16.97	16.99	16.91		
15	64QAM	75	0	16.88	16.96	16.99	17		
15	256QAM	1	0	16.83	16.98	17.03	16.97	18.5	0
15	256QAM	1	37	16.87	17.02	16.93	16.96		
15	256QAM	1	74	16.88	17.08	16.96	16.98		
15	256QAM	36	0	16.91	17.05	16.96	16.95	18.5	0
15	256QAM	36	20	16.93	17	16.96	16.93		
15	256QAM	36	39	16.87	17	16.99	16.99		
15	256QAM	75	0	16.79	16.99	17.01	17.04		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.9	16.91	17.09	16.97	18.5	0
10	QPSK	1	25	16.95	16.95	16.9	16.93		
10	QPSK	1	49	17	17.02	17.04	16.91		
10	QPSK	25	0	16.95	17.06	17.09	17.03	18.5	0
10	QPSK	25	12	16.91	16.96	17.1	16.88		
10	QPSK	25	25	16.85	16.92	16.91	16.9		
10	QPSK	50	0	16.85	17.05	17.02	16.91		
10	16QAM	1	0	16.86	17.03	17.01	16.98	18.5	0
10	16QAM	1	25	16.83	17.01	16.93	16.9		
10	16QAM	1	49	16.87	17.05	16.93	17.01		
10	16QAM	25	0	16.94	17.01	17.06	16.9	18.5	0
10	16QAM	25	12	16.99	16.92	17.03	16.81		
10	16QAM	25	25	16.85	16.91	16.9	16.88		
10	16QAM	50	0	16.88	17.03	16.96	17		
10	64QAM	1	0	16.92	17.06	17.05	17	18.5	0
10	64QAM	1	25	16.98	17	16.96	16.84		
10	64QAM	1	49	16.92	17.03	16.97	17.08		
10	64QAM	25	0	16.89	17.05	16.93	17.06	18.5	0
10	64QAM	25	12	16.84	17.05	16.99	16.9		
10	64QAM	25	25	16.91	16.92	16.99	16.89		
10	64QAM	50	0	16.88	16.96	17.02	17.02		
10	256QAM	1	0	16.91	16.92	16.98	16.99	18.5	0
10	256QAM	1	25	16.91	17.01	17.01	16.92		
10	256QAM	1	49	16.88	16.99	16.97	17		
10	256QAM	25	0	16.93	17	17.01	16.93	18.5	0
10	256QAM	25	12	16.97	17.03	17.01	16.93		
10	256QAM	25	25	16.86	16.97	17.02	16.92		
10	256QAM	50	0	16.82	17	16.97	16.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.88	16.98	17.18	16.98	18.5	0
5	QPSK	1	12	16.96	17.02	16.95	16.88		
5	QPSK	1	24	16.92	17.01	17.04	16.91		
5	QPSK	12	0	17.01	17.07	17.09	17.01	18.5	0
5	QPSK	12	7	16.94	16.97	17.06	16.88		
5	QPSK	12	13	16.83	16.85	16.92	16.91		
5	QPSK	25	0	16.92	17.02	17.06	16.91		
5	16QAM	1	0	16.84	17.02	17.09	16.95	18.5	0
5	16QAM	1	12	16.88	16.93	16.98	16.9		
5	16QAM	1	24	16.95	16.97	16.95	17.04		
5	16QAM	12	0	16.92	17	17	16.93	18.5	0
5	16QAM	12	7	16.9	16.94	17.04	16.89		
5	16QAM	12	13	16.85	16.9	16.88	16.86		
5	16QAM	25	0	16.91	16.94	17	16.9		
5	64QAM	1	0	16.98	17.02	17	16.96	18.5	0
5	64QAM	1	12	16.96	17.08	16.92	16.88		
5	64QAM	1	24	16.92	17.03	16.97	17.05		
5	64QAM	12	0	16.92	17.01	16.93	17.04	18.5	0
5	64QAM	12	7	16.88	16.96	17.05	16.97		
5	64QAM	12	13	16.9	16.95	17	16.91		
5	64QAM	25	0	16.94	16.97	17.01	17		
5	256QAM	1	0	16.91	16.92	17.01	16.95	18.5	0
5	256QAM	1	12	16.89	16.98	17.02	16.95		
5	256QAM	1	24	16.89	17.05	16.98	17.01		
5	256QAM	12	0	16.86	17.03	17.03	16.91	18.5	0
5	256QAM	12	7	16.95	17.03	17.02	16.85		
5	256QAM	12	13	16.87	16.92	16.96	16.97		
5	256QAM	25	0	16.8	16.99	17	17		

Band 48 Ant 2 DSI3 simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.12	16.1	16.28	16.18	17.2	0
20	QPSK	1	49	16.1	16.14	16.08	16.12		
20	QPSK	1	99	16.08	16.24	16.25	16.14		
20	QPSK	50	0	16.17	16.16	16.27	16.15	17.2	0
20	QPSK	50	24	16.02	16.12	16.19	16.09		
20	QPSK	50	50	15.98	16.01	16.04	16.02		
20	QPSK	100	0	16.01	16.21	16.23	16.12		
20	16QAM	1	0	15.96	16.14	16.17	16.12	17.2	0
20	16QAM	1	49	16.09	16.15	16.08	16.13		
20	16QAM	1	99	16.09	16.21	16.11	16.16		
20	16QAM	50	0	16.16	16.19	16.18	16.05	17.2	0
20	16QAM	50	24	16.11	16.09	16.2	15.98		
20	16QAM	50	50	15.97	16.08	16.04	16		
20	16QAM	100	0	16.11	16.13	16.1	16.08		
20	64QAM	1	0	16.13	16.18	16.19	16.11	17.2	0
20	64QAM	1	49	16.14	16.21	16.1	16.05		
20	64QAM	1	99	16.1	16.2	16.14	16.2		
20	64QAM	50	0	16.06	16.22	16.12	16.16	17.2	0
20	64QAM	50	24	16.02	16.16	16.18	16.11		
20	64QAM	50	50	16	16.11	16.17	16.05		
20	64QAM	100	0	16.12	16.08	16.14	16.12		
20	256QAM	1	0	16.07	16.17	16.16	16.16	17.2	0
20	256QAM	1	49	16.07	16.17	16.1	16.1		
20	256QAM	1	99	15.98	16.19	16.18	16.17		
20	256QAM	50	0	16.09	16.14	16.15	16.1	17.2	0
20	256QAM	50	24	16.13	16.21	16.15	16.04		
20	256QAM	50	50	16.07	16.17	16.21	16.09		
20	256QAM	100	0	15.97	16.15	16.2	16.18		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.03	15.96	16.22	16.07	17.2	0
15	QPSK	1	37	15.98	16	16	16.03		
15	QPSK	1	74	16.02	16.18	16.16	16.01		
15	QPSK	36	0	16.07	16.1	16.15	16.08	17.2	0
15	QPSK	36	20	15.92	15.99	16.08	15.97		
15	QPSK	36	39	15.9	15.89	15.98	15.93		
15	QPSK	75	0	15.9	16.09	16.16	16		
15	16QAM	1	0	15.88	15.99	16.03	16.06	17.2	0
15	16QAM	1	37	15.99	16.03	15.96	16.01		
15	16QAM	1	74	16.04	16.11	16	16.04		
15	16QAM	36	0	16.07	16.13	16.04	15.95	17.2	0
15	16QAM	36	20	16.03	16.04	16.14	15.84		
15	16QAM	36	39	15.91	15.98	15.94	15.9		
15	16QAM	75	0	16	16.02	15.96	16.01		
15	64QAM	1	0	16.06	16.07	16.06	16.06	17.2	0
15	64QAM	1	37	16.02	16.14	15.98	15.93		
15	64QAM	1	74	16	16.11	16.03	16.09		
15	64QAM	36	0	16.01	16.15	16.05	16.04	17.2	0
15	64QAM	36	20	15.95	16.03	16.12	16.05		
15	64QAM	36	39	15.9	15.97	16.04	15.95		
15	64QAM	75	0	16.03	15.93	16.02	16		
15	256QAM	1	0	16.01	16.07	16.06	16.08	17.2	0
15	256QAM	1	37	15.97	16.03	15.95	15.99		
15	256QAM	1	74	15.93	16.06	16.1	16.07		
15	256QAM	36	0	16.03	16.08	16.07	15.96	17.2	0
15	256QAM	36	20	16.03	16.12	16.04	15.99		
15	256QAM	36	39	16.01	16.05	16.16	15.99		
15	256QAM	75	0	15.86	16.02	16.13	16.1		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.01	15.99	16.14	16.03	17.2	0
10	QPSK	1	25	16.03	16.08	15.98	15.98		
10	QPSK	1	49	16.02	16.1	16.12	16.04		
10	QPSK	25	0	16.07	16.02	16.2	16	17.2	0
10	QPSK	25	12	15.97	16.05	16.06	16.02		
10	QPSK	25	25	15.91	15.87	15.95	15.88		
10	QPSK	50	0	15.89	16.13	16.17	15.99		
10	16QAM	1	0	15.87	16.06	16.11	16.02	17.2	0
10	16QAM	1	25	15.99	16.06	16.01	16.03		
10	16QAM	1	49	15.96	16.1	15.96	16.05		
10	16QAM	25	0	16.03	16.12	16.12	15.95	17.2	0
10	16QAM	25	12	15.99	16.02	16.08	15.83		
10	16QAM	25	25	15.88	15.98	15.99	15.87		
10	16QAM	50	0	16.02	16.05	16	15.97		
10	64QAM	1	0	16.02	16.09	16.08	15.99	17.2	0
10	64QAM	1	25	16.05	16.06	15.96	15.9		
10	64QAM	1	49	15.96	16.08	16.01	16.07		
10	64QAM	25	0	15.94	16.16	16.02	16.09	17.2	0
10	64QAM	25	12	15.95	16.09	16.1	16		
10	64QAM	25	25	15.94	16.03	16.08	15.92		
10	64QAM	50	0	16.03	15.96	16.06	16.01		
10	256QAM	1	0	15.92	16.05	16.08	16.04	17.2	0
10	256QAM	1	25	15.99	16.07	15.97	15.99		
10	256QAM	1	49	15.87	16.11	16.08	16.09		
10	256QAM	25	0	15.98	16.06	16.09	15.97	17.2	0
10	256QAM	25	12	16.05	16.06	16.04	15.95		
10	256QAM	25	25	15.94	16.09	16.14	15.95		
10	256QAM	50	0	15.83	16.09	16.05	16.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.06	15.96	16.16	16.12	17.2	0
5	QPSK	1	12	15.96	16.03	16	16.05		
5	QPSK	1	24	16.01	16.15	16.19	16.05		
5	QPSK	12	0	16.06	16.06	16.16	16.03	17.2	0
5	QPSK	12	7	15.87	16.05	16.06	15.99		
5	QPSK	12	13	15.91	15.87	15.94	15.89		
5	QPSK	25	0	15.92	16.15	16.15	16.04		
5	16QAM	1	0	15.87	16.05	16.04	16.04	17.2	0
5	16QAM	1	12	15.99	16.07	15.96	16.01		
5	16QAM	1	24	16.04	16.08	15.98	16.04		
5	16QAM	12	0	16.06	16.1	16.05	15.92	17.2	0
5	16QAM	12	7	16	16	16.13	15.86		
5	16QAM	12	13	15.92	15.94	15.94	15.9		
5	16QAM	25	0	15.99	16.06	15.96	16		
5	64QAM	1	0	15.98	16.05	16.09	16.03	17.2	0
5	64QAM	1	12	16.07	16.14	16.02	15.92		
5	64QAM	1	24	15.96	16.1	16.09	16.08		
5	64QAM	12	0	15.94	16.15	16.06	16.04	17.2	0
5	64QAM	12	7	15.97	16.04	16.11	15.99		
5	64QAM	12	13	15.9	15.97	16.03	15.99		
5	64QAM	25	0	16.06	16	16.07	16.03		
5	256QAM	1	0	15.94	16.11	16.03	16.04	17.2	0
5	256QAM	1	12	16	16.04	16.02	15.98		
5	256QAM	1	24	15.88	16.05	16.07	16.07		
5	256QAM	12	0	16.03	16.01	16.08	16	17.2	0
5	256QAM	12	7	15.98	16.14	16.06	15.95		
5	256QAM	12	13	15.93	16.04	16.15	15.96		
5	256QAM	25	0	15.84	16.01	16.08	16.13		

GSM850 Ant0_DSI6 Standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 2 Tx slots	29.15	28.84	29.08	30.00	23.15	22.84	23.08	24.00
GPRS 3 Tx slots	28.46	28.50	28.38	29.50	24.20	24.24	24.12	25.24
GPRS 4 Tx slots	26.17	26.08	25.94	27.50	23.17	23.08	22.94	24.50
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0_DSI6 Standalone

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 1 Tx slot	30.17	30.25	30.12	30.50	21.17	21.25	21.12	21.50
GPRS 2 Tx slots	26.54	26.48	26.63	27.50	20.54	20.48	20.63	21.50
GPRS 3 Tx slots	25.14	25.17	25.10	26.50	20.88	20.91	20.84	22.24
GPRS 4 Tx slots	22.28	22.43	22.34	24.00	19.28	19.43	19.34	21.00
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.50	18.34	18.22	18.29	19.24
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

WCDMA II Ant0_DSI6 Standalone / WCDMA V Ant0_DSI6 Standalone

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.51	21.48	21.45	22.40	24.35	24.38	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	21.56	21.66	21.59	22.40	24.38	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	20.53	20.57	20.69	21.40	23.30	23.40	23.46	24.00
3GPP Rel 6	HSDPA Subtest-2	20.65	20.62	20.68	21.40	23.30	23.37	23.47	24.00
3GPP Rel 6	HSDPA Subtest-3	20.05	20.10	20.10	20.90	22.79	22.87	22.96	23.50
3GPP Rel 6	HSDPA Subtest-4	20.08	20.17	20.11	20.90	22.80	22.85	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.52	20.61	20.59	21.40	23.12	23.23	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.65	20.71	20.56	21.40	23.16	23.17	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	20.23	20.16	20.90	22.85	22.91	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.14	20.23	20.07	20.90	22.82	22.78	22.95	23.50
3GPP Rel 6	HSUPA Subtest-1	20.60	20.74	20.54	21.40	23.35	23.36	23.44	24.00
3GPP Rel 6	HSUPA Subtest-2	18.49	18.73	18.68	19.40	21.29	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-3	19.54	19.64	19.68	20.40	22.31	22.37	22.43	23.00
3GPP Rel 6	HSUPA Subtest-4	18.64	18.61	18.62	19.40	21.25	21.39	21.45	22.00
3GPP Rel 6	HSUPA Subtest-5	20.63	20.58	20.67	21.40	23.30	23.33	23.40	24.00

GSM850 Ant0_DSI6 Simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 1 Tx slot	32.75	32.60	32.53	33.50	23.75	23.60	23.53	24.50
GPRS 2 Tx slots	29.15	28.84	29.08	30.00	23.15	22.84	23.08	24.00
GPRS 3 Tx slots	28.46	28.50	28.38	29.50	24.20	24.24	24.12	25.24
GPRS 4 Tx slots	26.17	26.08	25.94	27.50	23.17	23.08	22.94	24.50
EDGE 1 Tx slot	25.57	25.62	25.67	27.00	16.57	16.62	16.67	18.00
EDGE 2 Tx slots	24.04	23.92	24.02	25.00	18.04	17.92	18.02	19.00
EDGE 3 Tx slots	22.76	22.65	22.75	24.00	18.50	18.39	18.49	19.74
EDGE 4 Tx slots	20.68	20.66	20.84	22.00	17.68	17.66	17.84	19.00

GSM1900 Ant0_DSI6 Simultaneous

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.06	30.22	30.16	30.50	21.06	21.22	21.16	21.50
GPRS 1 Tx slot	30.06	30.22	30.16	30.50	21.06	21.22	21.16	21.50
GPRS 2 Tx slots	26.73	26.45	26.61	27.50	20.73	20.45	20.61	21.50
GPRS 3 Tx slots	24.72	24.75	24.71	26.50	20.46	20.49	20.45	22.24
GPRS 4 Tx slots	22.28	22.43	22.34	24.00	19.28	19.43	19.34	21.00
EDGE 1 Tx slot	25.24	25.14	25.29	26.50	16.24	16.14	16.29	17.50
EDGE 2 Tx slots	23.73	23.59	23.68	24.50	17.73	17.59	17.68	18.50
EDGE 3 Tx slots	22.60	22.48	22.55	23.50	18.34	18.22	18.29	19.24
EDGE 4 Tx slots	20.37	20.12	20.29	21.00	17.37	17.12	17.29	18.00

WCDMA II Ant0_DSI6 Simultaneous / WCDMA V Ant0_DSI6 Simultaneous

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.44	20.41	20.37	21.10	24.35	24.38	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	20.49	20.70	20.58	21.10	24.38	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	19.59	19.65	19.63	20.10	23.30	23.40	23.46	24.00
3GPP Rel 6	HSDPA Subtest-2	19.71	19.62	19.74	20.10	23.30	23.37	23.47	24.00
3GPP Rel 6	HSDPA Subtest-3	18.97	19.08	19.07	19.60	22.79	22.87	22.96	23.50
3GPP Rel 6	HSDPA Subtest-4	19.12	19.16	19.02	19.60	22.80	22.85	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.54	19.64	19.66	20.10	23.12	23.23	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.75	19.68	19.47	20.10	23.16	23.17	23.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.29	19.23	19.60	22.85	22.91	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.22	19.23	19.04	19.60	22.82	22.78	22.95	23.50
3GPP Rel 6	HSUPA Subtest-1	19.58	19.77	19.58	20.10	23.35	23.36	23.44	24.00
3GPP Rel 6	HSUPA Subtest-2	17.56	17.83	17.73	18.10	21.29	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-3	18.57	18.55	18.77	19.10	22.31	22.37	22.43	23.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.65	17.68	18.10	21.25	21.39	21.45	22.00
3GPP Rel 6	HSUPA Subtest-5	19.63	19.57	19.62	20.10	23.30	23.33	23.40	24.00

GSM850 Ant1_DSI6 Standalone

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 2 Tx slots	29.28	29.04	29.05	30.00	23.28	23.04	23.05	24.00
GPRS 3 Tx slots	28.07	28.14	28.08	29.50	23.81	23.88	23.82	25.24
GPRS 4 Tx slots	26.32	26.03	26.01	27.50	23.32	23.03	23.01	24.50
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1_DSI6 Standalone

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.61	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	23.54	23.87	23.77	24.50
3GPP Rel 6	HSDPA Subtest-1	22.65	22.77	22.90	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.74	22.89	23.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.28	22.40	23.00
3GPP Rel 6	HSDPA Subtest-4	22.13	22.25	22.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.72	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.58	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.17	22.25	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.21	22.46	23.00
3GPP Rel 6	HSUPA Subtest-1	22.62	22.76	22.86	23.50
3GPP Rel 6	HSUPA Subtest-2	20.60	20.73	20.84	21.50
3GPP Rel 6	HSUPA Subtest-3	21.63	21.71	21.83	22.50
3GPP Rel 6	HSUPA Subtest-4	20.62	20.67	20.85	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.80	23.50

GSM850 Ant1_DSI6 Simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 1 Tx slot	32.57	32.36	32.31	33.50	23.57	23.36	23.31	24.50
GPRS 2 Tx slots	29.28	29.04	29.05	30.00	23.28	23.04	23.05	24.00
GPRS 3 Tx slots	28.07	28.14	28.08	29.50	23.81	23.88	23.82	25.24
GPRS 4 Tx slots	26.32	26.03	26.01	27.50	23.32	23.03	23.01	24.50
EDGE 1 Tx slot	25.35	25.26	25.44	27.00	16.35	16.26	16.44	18.00
EDGE 2 Tx slots	23.66	23.56	23.74	25.00	17.66	17.56	17.74	19.00
EDGE 3 Tx slots	22.43	22.37	22.52	24.00	18.17	18.11	18.26	19.74
EDGE 4 Tx slots	20.41	20.40	20.56	22.00	17.41	17.40	17.56	19.00

WCDMA V Ant1_DSI6 Simultaneous

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.61	23.74	24.50
3GPP Rel 99	RMC 12.2Kbps	23.54	23.87	23.77	24.50
3GPP Rel 6	HSDPA Subtest-1	22.65	22.77	22.90	23.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.74	22.89	23.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.28	22.40	23.00
3GPP Rel 6	HSDPA Subtest-4	22.13	22.25	22.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.72	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.58	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.17	22.25	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.20	22.21	22.46	23.00
3GPP Rel 6	HSUPA Subtest-1	22.62	22.76	22.86	23.50
3GPP Rel 6	HSUPA Subtest-2	20.60	20.73	20.84	21.50
3GPP Rel 6	HSUPA Subtest-3	21.63	21.71	21.83	22.50
3GPP Rel 6	HSUPA Subtest-4	20.62	20.67	20.85	21.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.70	22.80	23.50

Band 2 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.11	20.36	20.09	21.1	0
20	QPSK	1	49	20.07	20.23	20.21		
20	QPSK	1	99	20.17	20.12	20.18		
20	QPSK	50	0	20.12	20.22	20.05	21.1	0
20	QPSK	50	24	19.95	20.05	20.14		
20	QPSK	50	50	19.92	20.13	20.13		
20	QPSK	100	0	20.10	20.20	20.08		
20	16QAM	1	0	20.04	20.19	20.11	21.1	0
20	16QAM	1	49	20.06	20.12	20.05		
20	16QAM	1	99	20.06	19.97	20.07		
20	16QAM	50	0	19.95	20.08	20.18	21.1	0
20	16QAM	50	24	19.87	19.96	20.13		
20	16QAM	50	50	20.01	20.06	20.08		
20	16QAM	100	0	19.98	20.19	20.12		
20	64QAM	1	0	19.95	20.19	20.04	21.1	0
20	64QAM	1	49	20.02	20.02	20.02		
20	64QAM	1	99	20.12	19.94	20.12		
20	64QAM	50	0	19.98	20.01	20.16	21.1	0
20	64QAM	50	24	20.04	19.94	20.06		
20	64QAM	50	50	19.95	20.02	20.09		
20	64QAM	100	0	20.04	20.09	20.08		
20	256QAM	1	0	19.07	19.15	19.13	20	1.1
20	256QAM	1	49	19.05	19.11	19.07		
20	256QAM	1	99	19.03	19.10	19.10		
20	256QAM	50	0	18.90	18.95	18.87	20	1.1
20	256QAM	50	24	18.79	18.85	18.87		
20	256QAM	50	50	18.83	18.87	18.78		
20	256QAM	100	0	18.82	18.89	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.08	20.32	19.91	21.1	0
15	QPSK	1	37	20.01	20.05	20.07		
15	QPSK	1	74	20.08	20.05	20.08		
15	QPSK	36	0	19.95	20.10	19.91	21.1	0
15	QPSK	36	20	19.90	19.90	19.99		
15	QPSK	36	39	19.80	19.95	20.06		
15	QPSK	75	0	19.99	20.12	20.05		
15	16QAM	1	0	19.90	20.13	20.06	21.1	0
15	16QAM	1	37	19.90	20.04	19.99		
15	16QAM	1	74	20.03	19.86	19.95		
15	16QAM	36	0	19.86	20.03	20.16	21.1	0
15	16QAM	36	20	19.85	19.92	20.05		
15	16QAM	36	39	19.85	19.94	19.94		
15	16QAM	75	0	19.87	20.14	20.03		
15	64QAM	1	0	19.89	20.16	20.01	21.1	0
15	64QAM	1	37	19.99	19.87	19.97		
15	64QAM	1	74	20.00	19.92	20.01		
15	64QAM	36	0	19.95	19.93	20.05	21.1	0
15	64QAM	36	20	20.00	19.88	20.02		
15	64QAM	36	39	19.80	19.93	20.06		
15	64QAM	75	0	19.88	19.91	20.03		
15	256QAM	1	0	18.98	19.06	19.11	20	1.1
15	256QAM	1	37	19.00	19.06	18.96		
15	256QAM	1	74	19.01	19.01	19.06		
15	256QAM	36	0	18.88	18.95	18.80	20	1.1
15	256QAM	36	20	18.72	18.79	18.78		
15	256QAM	36	39	18.72	18.86	18.68		
15	256QAM	75	0	18.78	18.79	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.05	20.27	19.97	21.1	0
10	QPSK	1	25	19.96	20.10	20.13		
10	QPSK	1	49	20.02	20.08	19.99		
10	QPSK	25	0	20.08	20.09	20.01	21.1	0
10	QPSK	25	12	19.89	19.88	20.01		
10	QPSK	25	25	19.81	20.02	20.08		
10	QPSK	50	0	20.06	20.03	19.92	21.1	0
10	16QAM	1	0	19.99	20.07	19.94		
10	16QAM	1	25	19.97	19.96	19.94		
10	16QAM	1	49	19.93	19.80	20.05		
10	16QAM	25	0	19.89	20.03	20.12	21.1	0
10	16QAM	25	12	19.78	19.88	20.07		
10	16QAM	25	25	19.91	19.94	19.97		
10	16QAM	50	0	19.85	20.12	20.05		
10	64QAM	1	0	19.79	20.02	19.90	21.1	0
10	64QAM	1	25	19.89	19.87	19.99		
10	64QAM	1	49	19.98	19.77	19.99		
10	64QAM	25	0	19.86	19.96	20.05	21.1	0
10	64QAM	25	12	19.99	19.87	20.00		
10	64QAM	25	25	19.83	19.98	20.03		
10	64QAM	50	0	19.95	20.05	19.98		
10	256QAM	1	0	19.08	19.12	19.12	20	1.1
10	256QAM	1	25	18.95	19.10	18.99		
10	256QAM	1	49	18.97	19.03	19.01		
10	256QAM	25	0	18.79	18.95	18.88	20	1.1
10	256QAM	25	12	18.71	18.81	18.78		
10	256QAM	25	25	18.79	18.87	18.71		
10	256QAM	50	0	18.74	18.82	18.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.02	20.21	19.93	21.1	0
5	QPSK	1	12	19.99	20.10	20.09		
5	QPSK	1	24	20.12	19.98	20.01		
5	QPSK	12	0	20.01	20.12	19.90	21.1	0
5	QPSK	12	7	19.83	19.94	19.99		
5	QPSK	12	13	19.77	20.03	20.02		
5	QPSK	25	0	19.96	20.09	19.95	21.1	0
5	16QAM	1	0	19.89	20.04	19.97		
5	16QAM	1	12	19.92	20.02	19.98		
5	16QAM	1	24	19.97	19.84	20.01		
5	16QAM	12	0	19.90	20.04	20.10	21.1	0
5	16QAM	12	7	19.73	19.82	20.00		
5	16QAM	12	13	19.85	19.98	20.00		
5	16QAM	25	0	19.86	20.09	20.02		
5	64QAM	1	0	19.82	20.07	19.93	21.1	0
5	64QAM	1	12	19.90	19.94	19.86		
5	64QAM	1	24	19.98	19.89	20.00		
5	64QAM	12	0	19.91	19.97	20.02	21.1	0
5	64QAM	12	7	19.90	19.86	19.98		
5	64QAM	12	13	19.88	19.89	19.94		
5	64QAM	25	0	19.92	19.94	20.03		
5	256QAM	1	0	19.04	19.06	19.05	20	1.1
5	256QAM	1	12	18.97	19.01	18.98		
5	256QAM	1	24	18.98	19.10	19.01		
5	256QAM	12	0	18.91	18.91	18.80	20	1.1
5	256QAM	12	7	18.68	18.76	18.83		
5	256QAM	12	13	18.80	18.85	18.68		
5	256QAM	25	0	18.80	18.87	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.97	20.24	20.00	21.1	0
3	QPSK	1	8	19.96	20.14	20.13		
3	QPSK	1	14	20.09	20.07	20.06		
3	QPSK	8	0	20.00	20.11	19.96	21.1	0
3	QPSK	8	4	19.87	19.95	20.02		
3	QPSK	8	7	19.88	20.02	20.06		
3	QPSK	15	0	19.95	20.12	20.04		
3	16QAM	1	0	19.97	20.14	20.03	21.1	0
3	16QAM	1	8	19.92	20.01	19.97		
3	16QAM	1	14	19.93	19.87	20.00		
3	16QAM	8	0	19.80	19.99	20.07	21.1	0
3	16QAM	8	4	19.79	19.86	20.04		
3	16QAM	8	7	19.96	19.90	20.02		
3	16QAM	15	0	19.89	20.10	20.00		
3	64QAM	1	0	19.89	20.10	19.96	21.1	0
3	64QAM	1	8	19.86	19.93	19.93		
3	64QAM	1	14	20.01	19.89	20.00		
3	64QAM	8	0	19.88	19.95	20.09	21.1	0
3	64QAM	8	4	19.99	19.85	19.92		
3	64QAM	8	7	19.86	19.98	19.98		
3	64QAM	15	0	19.99	20.03	19.98		
3	256QAM	1	0	19.02	19.13	19.02	20	1.1
3	256QAM	1	8	18.96	19.05	18.97		
3	256QAM	1	14	18.97	19.10	19.06		
3	256QAM	8	0	18.88	18.93	18.84	20	1.1
3	256QAM	8	4	18.78	18.76	18.76		
3	256QAM	8	7	18.74	18.87	18.72		
3	256QAM	15	0	18.72	18.82	18.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.06	20.21	20.03	21.1	0
1.4	QPSK	1	3	19.93	20.10	20.16		
1.4	QPSK	1	5	20.12	20.00	20.01		
1.4	QPSK	3	0	20.05	20.09	19.99		
1.4	QPSK	3	1	19.87	19.98	20.10		
1.4	QPSK	3	3	19.83	20.01	20.05		
1.4	QPSK	6	0	19.97	20.13	19.93	21.1	0
1.4	16QAM	1	0	19.95	20.05	20.05	21.1	0
1.4	16QAM	1	3	19.94	19.99	19.92		
1.4	16QAM	1	5	19.99	19.87	20.03		
1.4	16QAM	3	0	19.89	19.96	20.02		
1.4	16QAM	3	1	19.80	19.86	20.00		
1.4	16QAM	3	3	19.86	20.01	19.97		
1.4	16QAM	6	0	19.86	20.09	19.96	21.1	0
1.4	64QAM	1	0	19.80	20.05	19.98	21.1	0
1.4	64QAM	1	3	19.95	19.88	19.89		
1.4	64QAM	1	5	19.97	19.82	20.06		
1.4	64QAM	3	0	19.92	19.94	20.05		
1.4	64QAM	3	1	20.00	19.82	20.01		
1.4	64QAM	3	3	19.82	19.97	19.97		
1.4	64QAM	6	0	19.99	19.97	20.01	21.1	0
1.4	256QAM	1	0	19.05	19.11	19.07	20	1.1
1.4	256QAM	1	3	19.03	19.06	18.98		
1.4	256QAM	1	5	18.93	19.08	19.08		
1.4	256QAM	3	0	18.82	18.87	18.79		
1.4	256QAM	3	1	18.73	18.83	18.79		
1.4	256QAM	3	3	18.77	18.84	18.78		
1.4	256QAM	6	0	18.79	18.90	18.78	20	1.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.61	21.79	21.44	23	0
20	QPSK	1	49	21.67	21.56	21.67		
20	QPSK	1	99	21.68	21.62	21.71		
20	QPSK	50	0	21.35	21.53	21.52	23	0
20	QPSK	50	24	21.35	21.53	21.53		
20	QPSK	50	50	21.43	21.52	21.51		
20	QPSK	100	0	21.47	21.59	21.42		
20	16QAM	1	0	21.72	21.66	21.60	23	0
20	16QAM	1	49	21.78	21.77	21.66		
20	16QAM	1	99	21.58	21.77	21.49		
20	16QAM	50	0	21.18	21.32	21.27	23	0
20	16QAM	50	24	21.60	21.38	21.40		
20	16QAM	50	50	21.35	21.34	21.36		
20	16QAM	100	0	21.09	21.22	21.27		
20	64QAM	1	0	21.39	21.46	21.48	23	0
20	64QAM	1	49	21.58	21.45	21.42		
20	64QAM	1	99	21.65	21.57	21.67		
20	64QAM	50	0	21.44	21.29	21.24	23	0
20	64QAM	50	24	21.33	21.43	21.27		
20	64QAM	50	50	21.14	21.24	21.07		
20	64QAM	100	0	21.29	21.19	21.38		
20	256QAM	1	0	18.99	19.30	19.25	20	3
20	256QAM	1	49	19.15	19.21	19.03		
20	256QAM	1	99	18.98	19.21	19.12		
20	256QAM	50	0	18.70	18.97	18.80	20	3
20	256QAM	50	24	18.81	18.71	18.89		
20	256QAM	50	50	18.91	18.60	18.68		
20	256QAM	100	0	18.76	18.90	18.81		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.61	21.66	21.32	23	0
15	QPSK	1	37	21.67	21.60	21.69		
15	QPSK	1	74	21.62	21.59	21.77		
15	QPSK	36	0	21.36	21.56	21.56	23	0
15	QPSK	36	20	21.40	21.44	21.42		
15	QPSK	36	39	21.41	21.55	21.61		
15	QPSK	75	0	21.39	21.63	21.41		
15	16QAM	1	0	21.75	21.65	21.50	23	0
15	16QAM	1	37	21.62	21.76	21.49		
15	16QAM	1	74	21.74	21.64	21.55		
15	16QAM	36	0	21.13	21.21	21.26	23	0
15	16QAM	36	20	21.47	21.46	21.43		
15	16QAM	36	39	21.34	21.30	21.31		
15	16QAM	75	0	21.20	21.19	21.27		
15	64QAM	1	0	21.38	21.44	21.39	23	0
15	64QAM	1	37	21.52	21.60	21.55		
15	64QAM	1	74	21.69	21.60	21.59		
15	64QAM	36	0	21.32	21.26	21.37	23	0
15	64QAM	36	20	21.23	21.44	21.24		
15	64QAM	36	39	21.23	21.14	21.14		
15	64QAM	75	0	21.31	21.15	21.28		
15	256QAM	1	0	19.11	19.15	19.11	20	3
15	256QAM	1	37	19.11	19.19	19.04		
15	256QAM	1	74	18.96	19.24	19.11		
15	256QAM	36	0	18.69	19.01	18.81	20	3
15	256QAM	36	20	18.97	18.71	18.83		
15	256QAM	36	39	18.79	18.63	18.62		
15	256QAM	75	0	18.91	18.92	18.91		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.48	21.67	21.42	23	0
10	QPSK	1	25	21.64	21.62	21.58		
10	QPSK	1	49	21.60	21.55	21.69		
10	QPSK	25	0	21.46	21.52	21.67	23	0
10	QPSK	25	12	21.41	21.44	21.44		
10	QPSK	25	25	21.59	21.53	21.47		
10	QPSK	50	0	21.47	21.55	21.54		
10	16QAM	1	0	21.61	21.64	21.60	23	0
10	16QAM	1	25	21.61	21.75	21.48		
10	16QAM	1	49	21.70	21.74	21.58		
10	16QAM	25	0	21.25	21.37	21.18	23	0
10	16QAM	25	12	21.62	21.48	21.44		
10	16QAM	25	25	21.36	21.40	21.26		
10	16QAM	50	0	21.09	21.28	21.11		
10	64QAM	1	0	21.57	21.38	21.47	23	0
10	64QAM	1	25	21.50	21.52	21.38		
10	64QAM	1	49	21.66	21.69	21.56		
10	64QAM	25	0	21.40	21.18	21.26	23	0
10	64QAM	25	12	21.23	21.40	21.37		
10	64QAM	25	25	21.21	21.12	21.17		
10	64QAM	50	0	21.25	21.21	21.34		
10	256QAM	1	0	19.15	19.17	19.16	20	3
10	256QAM	1	25	19.01	19.19	19.03		
10	256QAM	1	49	19.11	19.19	19.13		
10	256QAM	25	0	18.76	19.02	18.81	20	3
10	256QAM	25	12	18.86	18.61	18.99		
10	256QAM	25	25	18.79	18.61	18.75		
10	256QAM	50	0	18.89	18.89	18.75		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.61	21.76	21.46	23	0
5	QPSK	1	12	21.69	21.59	21.66		
5	QPSK	1	24	21.63	21.66	21.73		
5	QPSK	12	0	21.35	21.61	21.68	23	0
5	QPSK	12	7	21.46	21.41	21.49		
5	QPSK	12	13	21.41	21.61	21.59		
5	QPSK	25	0	21.50	21.48	21.48		
5	16QAM	1	0	21.68	21.67	21.47	23	0
5	16QAM	1	12	21.73	21.77	21.49		
5	16QAM	1	24	21.77	21.65	21.45		
5	16QAM	12	0	21.15	21.30	21.17	23	0
5	16QAM	12	7	21.56	21.48	21.46		
5	16QAM	12	13	21.50	21.42	21.23		
5	16QAM	25	0	21.12	21.26	21.26		
5	64QAM	1	0	21.49	21.38	21.39	23	0
5	64QAM	1	12	21.46	21.59	21.39		
5	64QAM	1	24	21.61	21.56	21.67		
5	64QAM	12	0	21.42	21.18	21.32	23	0
5	64QAM	12	7	21.28	21.24	21.26		
5	64QAM	12	13	21.11	21.16	21.24		
5	64QAM	25	0	21.23	21.21	21.41		
5	256QAM	1	0	19.02	19.16	19.13	20	3
5	256QAM	1	12	19.06	19.28	18.99		
5	256QAM	1	24	19.07	19.23	19.24		
5	256QAM	12	0	18.76	18.97	18.80	20	3
5	256QAM	12	7	18.89	18.66	18.90		
5	256QAM	12	13	18.75	18.60	18.73		
5	256QAM	25	0	18.83	18.91	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.50	21.67	21.28	23	0
3	QPSK	1	8	21.67	21.52	21.50		
3	QPSK	1	14	21.74	21.62	21.64		
3	QPSK	8	0	21.36	21.61	21.69	23	0
3	QPSK	8	4	21.44	21.57	21.60		
3	QPSK	8	7	21.52	21.48	21.61		
3	QPSK	15	0	21.51	21.54	21.53		
3	16QAM	1	0	21.63	21.72	21.63	23	0
3	16QAM	1	8	21.77	21.61	21.66		
3	16QAM	1	14	21.74	21.73	21.61		
3	16QAM	8	0	21.13	21.24	21.27	23	0
3	16QAM	8	4	21.60	21.56	21.38		
3	16QAM	8	7	21.37	21.36	21.27		
3	16QAM	15	0	21.23	21.34	21.12		
3	64QAM	1	0	21.53	21.39	21.33	23	0
3	64QAM	1	8	21.60	21.57	21.55		
3	64QAM	1	14	21.58	21.62	21.68		
3	64QAM	8	0	21.30	21.22	21.39	23	0
3	64QAM	8	4	21.30	21.27	21.21		
3	64QAM	8	7	21.19	21.21	21.16		
3	64QAM	15	0	21.26	21.33	21.32		
3	256QAM	1	0	18.98	19.32	19.18	20	3
3	256QAM	1	8	19.09	19.33	19.15		
3	256QAM	1	14	19.11	19.25	19.10		
3	256QAM	8	0	18.75	18.94	18.76	20	3
3	256QAM	8	4	18.99	18.65	18.85		
3	256QAM	8	7	18.78	18.59	18.67		
3	256QAM	15	0	18.73	18.95	18.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.47	21.78	21.28	23	0
1.4	QPSK	1	3	21.63	21.56	21.64		
1.4	QPSK	1	5	21.81	21.52	21.75		
1.4	QPSK	3	0	21.36	21.69	21.53		
1.4	QPSK	3	1	21.36	21.39	21.50		
1.4	QPSK	3	3	21.52	21.44	21.49		
1.4	QPSK	6	0	21.39	21.54	21.42	23	0
1.4	16QAM	1	0	21.68	21.68	21.53	23	0
1.4	16QAM	1	3	21.68	21.67	21.64		
1.4	16QAM	1	5	21.70	21.77	21.58		
1.4	16QAM	3	0	21.20	21.37	21.21		
1.4	16QAM	3	1	21.56	21.56	21.50		
1.4	16QAM	3	3	21.50	21.34	21.30		
1.4	16QAM	6	0	21.09	21.28	21.15	23	0
1.4	64QAM	1	0	21.55	21.40	21.38	23	0
1.4	64QAM	1	3	21.51	21.61	21.45		
1.4	64QAM	1	5	21.55	21.67	21.71		
1.4	64QAM	3	0	21.25	21.24	21.30		
1.4	64QAM	3	1	21.29	21.43	21.36		
1.4	64QAM	3	3	21.25	21.23	21.08		
1.4	64QAM	6	0	21.23	21.27	21.45	23	0
1.4	256QAM	1	0	19.10	19.24	19.23	20	3
1.4	256QAM	1	3	19.15	19.28	19.11		
1.4	256QAM	1	5	19.07	19.10	19.27		
1.4	256QAM	3	0	18.74	18.92	18.84		
1.4	256QAM	3	1	18.89	18.69	18.83		
1.4	256QAM	3	3	18.75	18.72	18.61		
1.4	256QAM	6	0	18.84	18.87	18.76	20	3

Band 5 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.91	22.85	24	0
10	QPSK	1	25	22.64	22.71	22.75		
10	QPSK	1	49	22.71	22.68	22.69		
10	QPSK	25	0	22.79	22.89	22.74	24	0
10	QPSK	25	12	22.76	22.79	22.71		
10	QPSK	25	25	22.64	22.85	22.74		
10	QPSK	50	0	22.66	22.76	22.73		
10	16QAM	1	0	22.87	22.84	22.80	24	0
10	16QAM	1	25	22.67	22.79	22.78		
10	16QAM	1	49	22.72	22.84	22.87		
10	16QAM	25	0	22.15	22.36	22.28	24	0
10	16QAM	25	12	22.26	22.30

Band 7 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.71	22.83	22.54	23.5	0
20	QPSK	1	49	22.60	22.80	22.78		
20	QPSK	1	99	22.71	22.64	22.64		
20	QPSK	50	0	22.60	22.72	22.54	23.5	0
20	QPSK	50	24	22.47	22.65	22.58		
20	QPSK	50	50	22.56	22.61	22.68		
20	QPSK	100	0	22.46	22.67	22.54		
20	16QAM	1	0	22.55	22.62	22.66	23.5	0
20	16QAM	1	49	22.54	22.56	22.59		
20	16QAM	1	99	22.65	22.48	22.56		
20	16QAM	50	0	22.33	22.60	22.58	23.5	0
20	16QAM	50	24	22.47	22.48	22.63		
20	16QAM	50	50	22.59	22.59	22.49		
20	16QAM	100	0	22.40	22.59	22.52		
20	64QAM	1	0	22.43	22.62	22.54	23.5	0
20	64QAM	1	49	22.51	22.48	22.40		
20	64QAM	1	99	22.60	22.45	22.64		
20	64QAM	50	0	22.33	22.50	22.44	23.5	0
20	64QAM	50	24	22.41	22.49	22.35		
20	64QAM	50	50	22.39	22.51	22.27		
20	64QAM	100	0	22.44	22.53	22.38		
20	256QAM	1	0	19.50	19.63	19.71	19.8	3.7
20	256QAM	1	49	19.53	19.69	19.48		
20	256QAM	1	99	19.43	19.66	19.51		
20	256QAM	50	0	19.32	19.41	19.29	19.8	3.7
20	256QAM	50	24	19.18	19.28	19.45		
20	256QAM	50	50	19.26	19.23	19.28		
20	256QAM	100	0	19.28	19.28	19.25		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.70	22.40	23.5	0
15	QPSK	1	37	22.54	22.64	22.64		
15	QPSK	1	74	22.65	22.57	22.57		
15	QPSK	36	0	22.49	22.62	22.44	23.5	0
15	QPSK	36	20	22.31	22.54	22.42		
15	QPSK	36	39	22.47	22.48	22.60		
15	QPSK	75	0	22.36	22.52	22.49		
15	16QAM	1	0	22.41	22.55	22.55	23.5	0
15	16QAM	1	37	22.44	22.41	22.44		
15	16QAM	1	74	22.59	22.33	22.45		
15	16QAM	36	0	22.26	22.46	22.43	23.5	0
15	16QAM	36	20	22.36	22.37	22.57		
15	16QAM	36	39	22.51	22.50	22.41		
15	16QAM	75	0	22.34	22.55	22.41		
15	64QAM	1	0	22.34	22.53	22.38	23.5	0
15	64QAM	1	37	22.46	22.35	22.26		
15	64QAM	1	74	22.53	22.34	22.51		
15	64QAM	36	0	22.40	22.45	22.45	23.5	0
15	64QAM	36	20	22.37	22.41	22.39		
15	64QAM	36	39	22.32	22.33	22.34		
15	64QAM	75	0	22.21	22.40	22.46		
15	256QAM	1	0	19.47	19.55	19.67	19.8	3.7
15	256QAM	1	37	19.53	19.64	19.47		
15	256QAM	1	74	19.40	19.63	19.51		
15	256QAM	36	0	19.30	19.33	19.18	19.8	3.7
15	256QAM	36	20	19.16	19.26	19.41		
15	256QAM	36	39	19.18	19.17	19.27		
15	256QAM	75	0	19.18	19.25	19.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.61	22.74	22.45	23.5	0
10	QPSK	1	25	22.56	22.72	22.63		
10	QPSK	1	49	22.61	22.58	22.51		
10	QPSK	25	0	22.53	22.66	22.42	23.5	0
10	QPSK	25	12	22.32	22.59	22.45		
10	QPSK	25	25	22.44	22.56	22.59		
10	QPSK	50	0	22.41	22.63	22.47		
10	16QAM	1	0	22.44	22.50	22.57	23.5	0
10	16QAM	1	25	22.49	22.43	22.44		
10	16QAM	1	49	22.55	22.43	22.42		
10	16QAM	25	0	22.23	22.45	22.53	23.5	0
10	16QAM	25	12	22.34	22.35	22.59		
10	16QAM	25	25	22.50	22.45	22.43		
10	16QAM	50	0	22.27	22.50	22.36		
10	64QAM	1	0	22.37	22.48	22.44	23.5	0
10	64QAM	1	25	22.47	22.38	22.31		
10	64QAM	1	49	22.50	22.41	22.51		
10	64QAM	25	0	22.47	22.43	22.39	23.5	0
10	64QAM	25	12	22.35	22.27	22.27		
10	64QAM	25	25	22.33	22.38	22.32		
10	64QAM	50	0	22.31	22.34	22.35		
10	256QAM	1	0	19.46	19.60	19.61	19.8	3.7
10	256QAM	1	25	19.43	19.60	19.46		
10	256QAM	1	49	19.41	19.63	19.44		
10	256QAM	25	0	19.31	19.40	19.18	19.8	3.7
10	256QAM	25	12	19.19	19.22	19.42		
10	256QAM	25	25	19.23	19.24	19.20		
10	256QAM	50	0	19.19	19.20	19.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.63	22.68	22.45	23.5	0
5	QPSK	1	12	22.55	22.76	22.70		
5	QPSK	1	24	22.56	22.52	22.50		
5	QPSK	12	0	22.45	22.60	22.48	23.5	0
5	QPSK	12	7	22.39	22.50	22.52		
5	QPSK	12	13	22.45	22.47	22.53		
5	QPSK	25	0	22.40	22.63	22.38		
5	16QAM	1	0	22.43	22.50	22.56	23.5	0
5	16QAM	1	12	22.54	22.57	22.47		
5	16QAM	1	24	22.58	22.42	22.51		
5	16QAM	12	0	22.18	22.52	22.49	23.5	0
5	16QAM	12	7	22.33	22.35	22.55		
5	16QAM	12	13	22.36	22.44	22.52		
5	16QAM	25	0	22.35	22.49	22.41		
5	64QAM	1	0	22.35	22.51	22.48	23.5	0
5	64QAM	1	12	22.41	22.35	22.33		
5	64QAM	1	24	22.56	22.30	22.49		
5	64QAM	12	0	22.49	22.40	22.32	23.5	0
5	64QAM	12	7	22.37	22.34	22.35		
5	64QAM	12	13	22.38	22.39	22.45		
5	64QAM	25	0	22.31	22.37	22.37		
5	256QAM	1	0	19.41	19.62	19.61	19.8	3.7
5	256QAM	1	12	19.48	19.59	19.44		
5	256QAM	1	24	19.39	19.59	19.42		
5	256QAM	12	0	19.25	19.34	19.24	19.8	3.7
5	256QAM	12	7	19.09	19.21	19.41		
5	256QAM	12	13	19.20	19.20	19.20		
5	256QAM	25	0	19.22	19.28	19.26		

Band 12 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.76	22.61	24	0
10	QPSK	1	25	22.65	22.66	22.64		
10	QPSK	1	49	22.86	22.62	22.61		
10	QPSK	25	0	22.64	22.75	22.62	24	0
10	QPSK	25	12	22.59	22.58	22.72		
10	QPSK	25	25	22.70	22.67	22.71		
10	QPSK	50	0	22.70	22.75	22.59		
10	16QAM	1	0	22.56	22.57	22.52	24	0
10	16QAM	1	25	22.50	22.47	22.50		
10	16QAM	1	49	22.51	22.47	22.59		
10	16QAM	25	0	22.49	22.53	22.49	24	0
10	16QAM	25	12	22.64	22.70	22.59		
10	16QAM	25	25	22.53	22.61	22.60		
10	16QAM	50	0	22.52	22.64	22.69		
10	64QAM	1	0	22.51	22.59	22.61	24	0
10	64QAM	1	25	22.50	22.48	22.57		
10	64QAM	1	49	22.42	22.57	22.45		
10	64QAM	25	0	22.63	22.56	22.46	24	0
10	64QAM	25	12	22.62	22.70	22.65		
10	64QAM	25	25	22.52	22.49	22.56		
10	64QAM	50	0	22.59	22.62	22.59		
10	256QAM	1	0	19.06	19.25	19.31	20	4
10	256QAM	1	25	19.10	19.27	19.12		
10	256QAM	1	49	19.02	19.29	19.12		
10	256QAM	25	0	18.89	19.00	18.91	20	4
10	256QAM	25	12	18.84	18.85	19.02		
10	256QAM	25	25	18.86	18.77	18.86		
10	256QAM	50	0	18.93	18.89	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.57	22.54	24	0
5	QPSK	1	12	22.62	22.53	22.60		
5	QPSK	1	24	22.55	22.60	22.42		
5	QPSK	12	0	22.63	22.62	22.46	24	0
5	QPSK	12	7	22.48	22.54	22.68		
5	QPSK	12	13	22.63	22.54	22.57		
5	QPSK	25	0	22.60	22.74	22.56		
5	16QAM	1	0	22.49	22.41	22.50	24	0
5	16QAM	1	12	22.32	22.28	22.40		
5	16QAM	1	24	22.38	22.43	22.48		
5	16QAM	12	0	22.48	22.42	22.46	24	0
5	16QAM	12	7	22.54	22.69	22.42		
5	16QAM	12	13	22.44	22.54	22.56		
5	16QAM	25	0	22.39	22.58	22.50		
5	64QAM	1	0	22.48	22.42	22.57	24	0
5	64QAM	1	12	22.41	22.46	22.54		
5	64QAM	1	24	22.35	22.55	22.30		
5	64QAM	12	0	22.50	22.54	22.38	24	0
5	64QAM	12	7	22.45	22.61	22.36		
5	64QAM	12	13	22.42	22.42	22.38		
5	64QAM	25	0	22.41	22.58	22.49		
5	256QAM	1	0	19.00	19.17	19.27	20	4
5	256QAM	1	12	19.07	19.25	19.02		
5	256QAM	1	24	18.95	19.26	19.09		
5	256QAM	12	0	18.83	18.91	18.84	20	4
5	256QAM	12	7	18.80	18.81	18.99		
5	256QAM	12	13	18.79	18.74	18.85		
5	256QAM	25	0	18.92	18.82	18.83		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.47	22.59	22.49	24	0
3	QPSK	1	8	22.55	22.48	22.62		
3	QPSK	1	14	22.52	22.52	22.45		
3	QPSK	8	0	22.52	22.66	22.44	24	0
3	QPSK	8	4	22.47	22.46	22.71		
3	QPSK	8	7	22.64	22.51	22.63		
3	QPSK	15	0	22.68	22.61	22.69		
3	16QAM	1	0	22.37	22.45	22.48	24	0
3	16QAM	1	8	22.49	22.36	22.34		
3	16QAM	1	14	22.45	22.42	22.44		
3	16QAM	8	0	22.39	22.49	22.41	24	0
3	16QAM	8	4	22.56	22.62	22.42		
3	16QAM	8	7	22.43	22.53	22.52		
3	16QAM	15	0	22.45	22.48	22.50		
3	64QAM	1	0	22.48	22.53	22.60	24	0
3	64QAM	1	8	22.32	22.36	22.54		
3	64QAM	1	14	22.36	22.44	22.38		
3	64QAM	8	0	22.51	22.45	22.40	24	0
3	64QAM	8	4	22.57	22.70	22.57		
3	64QAM	8	7	22.38	22.41	22.46		
3	64QAM	15	0	22.41	22.53	22.39		
3	256QAM	1	0	19.06	19.19	19.26	20	4
3	256QAM	1	8	18.99	19.17	19.02		
3	256QAM	1	14	18.95	19.20	19.09		
3	256QAM	8	0	18.79	18.95	18.86	20	4
3	256QAM	8	4	18.76	18.81	18.97		
3	256QAM	8	7	18.83	18.71	18.82		
3	256QAM	15	0	18.86	18.88	18.81		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.62	22.58	22.55	24	0
1.4	QPSK	1	3	22.56	22.65	22.61		
1.4	QPSK	1	5	22.53	22.50	22.46		
1.4	QPSK	3	0	22.58	22.67	22.51		
1.4	QPSK	3	1	22.44	22.59	22.53		
1.4	QPSK	3	3	22.53	22.54	22.56		
1.4	QPSK	6	0	22.50	22.65	22.71	24	0
1.4	16QAM	1	0	22.49	22.54	22.50	24	0
1.4	16QAM	1	3	22.45	22.45	22.43		
1.4	16QAM	1	5	22.40	22.36	22.47		
1.4	16QAM	3	0	22.31	22.33	22.48		
1.4	16QAM	3	1	22.52	22.64	22.44		
1.4	16QAM	3	3	22.44	22.50	22.46		
1.4	16QAM	6	0	22.36	22.56	22.63	24	0
1.4	64QAM	1	0	22.41	22.54	22.49	24	0
1.4	64QAM	1	3	22.46	22.36	22.37		
1.4	64QAM	1	5	22.35	22.53	22.40		
1.4	64QAM	3	0	22.47	22.42	22.40		
1.4	64QAM	3	1	22.59	22.68	22.49		
1.4	64QAM	3	3	22.48	22.42	22.53		
1.4	64QAM	6	0	22.43	22.60	22.41	24	0
1.4	256QAM	1	0	18.97	19.16	19.26	20	4
1.4	256QAM	1	3	19.00	19.19	19.05		
1.4	256QAM	1	5	18.99	19.29	19.08		
1.4	256QAM	3	0	18.84	18.96	18.85		
1.4	256QAM	3	1	18.82	18.86	18.94		
1.4	256QAM	3	3	18.76	18.75	18.77		
1.4	256QAM	6	0	18.83	18.89	18.87	20	4

Band 13 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.61			
10	QPSK	1	49		22.87			
10	QPSK	25	0		22.81		24	0
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.65			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.50		24	0
10	16QAM	1	25		22.55			
10	16QAM	1	49		22.82			
10	16QAM	25	0		22.82		24	0
10	16QAM	25	12		22.64			
10	16QAM	25	25		22.52			
10	16QAM	50	0		22.77			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.46			
10	64QAM	25	0		22.82		24	0
10	64QAM	25	12		22.74			
10	64QAM	25	25		22.55			
10	64QAM	50	0		22.48			
10	256QAM	1	0		19.60		20	4
10	256QAM	1	25		19.56			
10	256QAM	1	49		19.52			
10	256QAM	25	0		19.27		20	4
10	256QAM	25	12		19.09			
10	256QAM	25	25		19.11			
10	256QAM	50	0		19.16			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.66	22.96	22.88	24	0
5	QPSK	1	12	22.77	22.67	22.57		
5	QPSK	1	24	22.67	22.82	22.56		
5	QPSK	12	0	22.84	22.91	22.88	24	0
5	QPSK	12	7	22.79	22.92	22.93		
5	QPSK	12	13	22.83	22.89	22.88		
5	QPSK	25	0	22.77	22.86	22.88		
5	16QAM	1	0	22.64	22.88	22.67	24	0
5	16QAM	1	12	22.90	22.56	22.54		
5	16QAM	1	24	22.57	22.62	22.53		
5	16QAM	12	0	22.53	22.49	22.63	24	0
5	16QAM	12	7	22.48	22.48	22.69		
5	16QAM	12	13	22.51	22.63	22.38		
5	16QAM	25	0	22.52	22.42	22.53		
5	64QAM	1	0	22.63	22.74	22.62	24	0
5	64QAM	1	12	22.63	22.63	22.45		
5	64QAM	1	24	22.85	22.53	22.94		
5	64QAM	12	0	22.75	22.89	22.87	24	0
5	64QAM	12	7	22.61	22.57	22.67		
5	64QAM	12	13	22.89	22.68	22.73		
5	64QAM	25	0	22.54	22.48	22.53		
5	256QAM	1	0	19.37	19.47	19.56	20	4
5	256QAM	1	12	19.38	19.53	19.34		
5	256QAM	1	24	19.27	19.50	19.38		
5	256QAM	12	0	19.10	19.23	19.08	20	4
5	256QAM	12	7	19.12	19.12	19.32		
5	256QAM	12	13	19.08	19.00	19.03		
5	256QAM	25	0	19.12	19.16	19.08		

Band 66 Ant0 Standalone

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.67	21.84	21.46	23	0
20	QPSK	1	49	21.73	21.68	21.70		
20	QPSK	1	99	21.75	21.70	21.77		
20	QPSK	50	0	21.52	21.71	21.69	23	0
20	QPSK	50	24	21.53	21.58	21.62		
20	QPSK	50	50	21.59	21.61	21.64		
20	QPSK	100	0	21.56	21.66	21.58		
20	16QAM	1	0	21.78	21.81	21.66	23	0
20	16QAM	1	49	21.80	21.78	21.68		
20	16QAM	1	99	21.77	21.77	21.65		
20	16QAM	50	0	21.32	21.39	21.30	23	0
20	16QAM	50	24	21.66	21.58	21.52		
20	16QAM	50	50	21.54	21.43	21.39		
20	16QAM	100	0	21.26	21.35	21.29		
20	64QAM	1	0	21.58	21.56	21.52	23	0
20	64QAM	1	49	21.64	21.63	21.57		
20	64QAM	1	99	21.71	21.70	21.75		
20	64QAM	50	0	21.45	21.35	21.41	23	0
20	64QAM	50	24	21.39	21.44	21.37		
20	64QAM	50	50	21.29	21.32	21.25		
20	64QAM	100	0	21.32	21.35	21.47		
20	256QAM	1	0	19.15	19.32	19.29	20	3
20	256QAM	1	49	19.20	19.37	19.18		
20	256QAM	1	99	19.11	19.26	19.28		
20	256QAM	50	0	18.87	19.05	18.85	20	3
20	256QAM	50	24	19.00	18.79	19.00		
20	256QAM	50	50	18.93	18.73	18.79		
20	256QAM	100	0	18.91	19.01	18.94		
Channel				132047	132222	132397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.66	21.80	21.48	23	0
15	QPSK	1	37	21.73	21.69	21.49		
15	QPSK	1	74	21.60	21.57	21.70		
15	QPSK	36	0	21.34	21.70	21.60	23	0
15	QPSK	36	20	21.48	21.53	21.49		
15	QPSK	36	39	21.50	21.60	21.55		
15	QPSK	75	0	21.48	21.59	21.37		
15	16QAM	1	0	21.67	21.75	21.57	23	0
15	16QAM	1	37	21.60	21.59	21.62		
15	16QAM	1	74	21.60	21.63	21.51		
15	16QAM	36	0	21.22	21.31	21.14	23	0
15	16QAM	36	20	21.49	21.48	21.41		
15	16QAM	36	39	21.38	21.37	21.25		
15	16QAM	75	0	21.10	21.37	21.30		
15	64QAM	1	0	21.38	21.55	21.49	23	0
15	64QAM	1	37	21.63	21.64	21.43		
15	64QAM	1	74	21.57	21.65	21.53		
15	64QAM	36	0	21.39	21.30	21.27	23	0
15	64QAM	36	20	21.20	21.40	21.30		
15	64QAM	36	39	21.17	21.18	21.21		
15	64QAM	75	0	21.27	21.28	21.32		
15	256QAM	1	0	19.02	19.20	19.31	20	3
15	256QAM	1	37	19.16	19.35	19.14		
15	256QAM	1	74	19.15	19.27	19.20		
15	256QAM	36	0	18.90	19.09	18.83	20	3
15	256QAM	36	20	18.90	18.77	19.03		
15	256QAM	36	39	18.89	18.78	18.83		
15	256QAM	75	0	18.76	19.02	18.74		
Channel				132022	132222	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.66	21.76	21.40	23	0
10	QPSK	1	25	21.56	21.48	21.57		
10	QPSK	1	49	21.64	21.63	21.62		
10	QPSK	25	0	21.47	21.63	21.68	23	0
10	QPSK	25	12	21.43	21.54	21.51		
10	QPSK	25	25	21.38	21.47	21.59		
10	QPSK	50	0	21.40	21.48	21.54		
10	16QAM	1	0	21.69	21.81	21.56	23	0
10	16QAM	1	25	21.69	21.60	21.55		
10	16QAM	1	49	21.76	21.73	21.46		
10	16QAM	25	0	21.18	21.36	21.17	23	0
10	16QAM	25	12	21.48	21.43	21.53		
10	16QAM	25	25	21.50	21.38	21.24		
10	16QAM	50	0	21.17	21.29	21.22		
10	64QAM	1	0	21.47	21.49	21.48	23	0
10	64QAM	1	25	21.61	21.58	21.48		
10	64QAM	1	49	21.61	21.68	21.69		
10	64QAM	25	0	21.25	21.19	21.32	23	0
10	64QAM	25	12	21.