

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.98	18.83	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.09	18.94	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.07	18.92	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.03	17.88	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.03	17.88	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#11	23.06	17.91	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.09	17.94	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.01	18.86	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.11	18.96	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.03	18.88	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.04	17.89	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.02	17.87	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#11	23.09	17.94	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.11	17.96	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.03	18.88	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.15	19.00	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.00	18.85	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.09	17.94	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.14	17.99	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#11	23.10	17.95	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.10	17.95	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.03	17.88	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.16	18.01	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.08	17.93	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.07	16.92	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.06	16.91	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#11	22.06	16.91	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.13	16.98	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.29	18.14	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.37	18.22	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.29	18.14	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.11	16.96	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.12	16.97	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#11	22.13	16.98	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.08	16.93	34.77	PASS

Band17	5MHz	16QAM	23825	1RB#0	23.01	17.86	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.16	18.01	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.09	17.94	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.19	17.04	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.17	17.02	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#11	22.19	17.04	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.17	17.02	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.97	18.82	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.10	18.95	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.06	18.91	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.06	17.91	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.03	17.88	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#24	23.05	17.90	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.07	17.92	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.03	18.88	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.23	19.08	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.03	18.88	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.04	17.89	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.06	17.91	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#24	23.08	17.93	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.06	17.91	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.03	18.88	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.19	19.04	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.10	18.95	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.13	17.98	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.08	17.93	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#24	23.09	17.94	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.06	17.91	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.19	18.04	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.34	18.19	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.26	18.11	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.09	16.94	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	22.09	16.94	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#24	22.08	16.93	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.09	16.94	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.21	18.06	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.37	18.22	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.24	18.09	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.15	17.00	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.12	16.97	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#24	22.13	16.98	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.11	16.96	34.77	PASS

Band17	10MHz	16QAM	23800	1RB#0	22.95	17.80	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.12	17.97	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.01	17.86	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.16	17.01	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.18	17.03	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#24	22.14	16.99	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.15	17.00	34.77	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi), ERP (dBm) = EIRP (dBm) - 2.15 (dB).

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	5.56	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.37	13	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

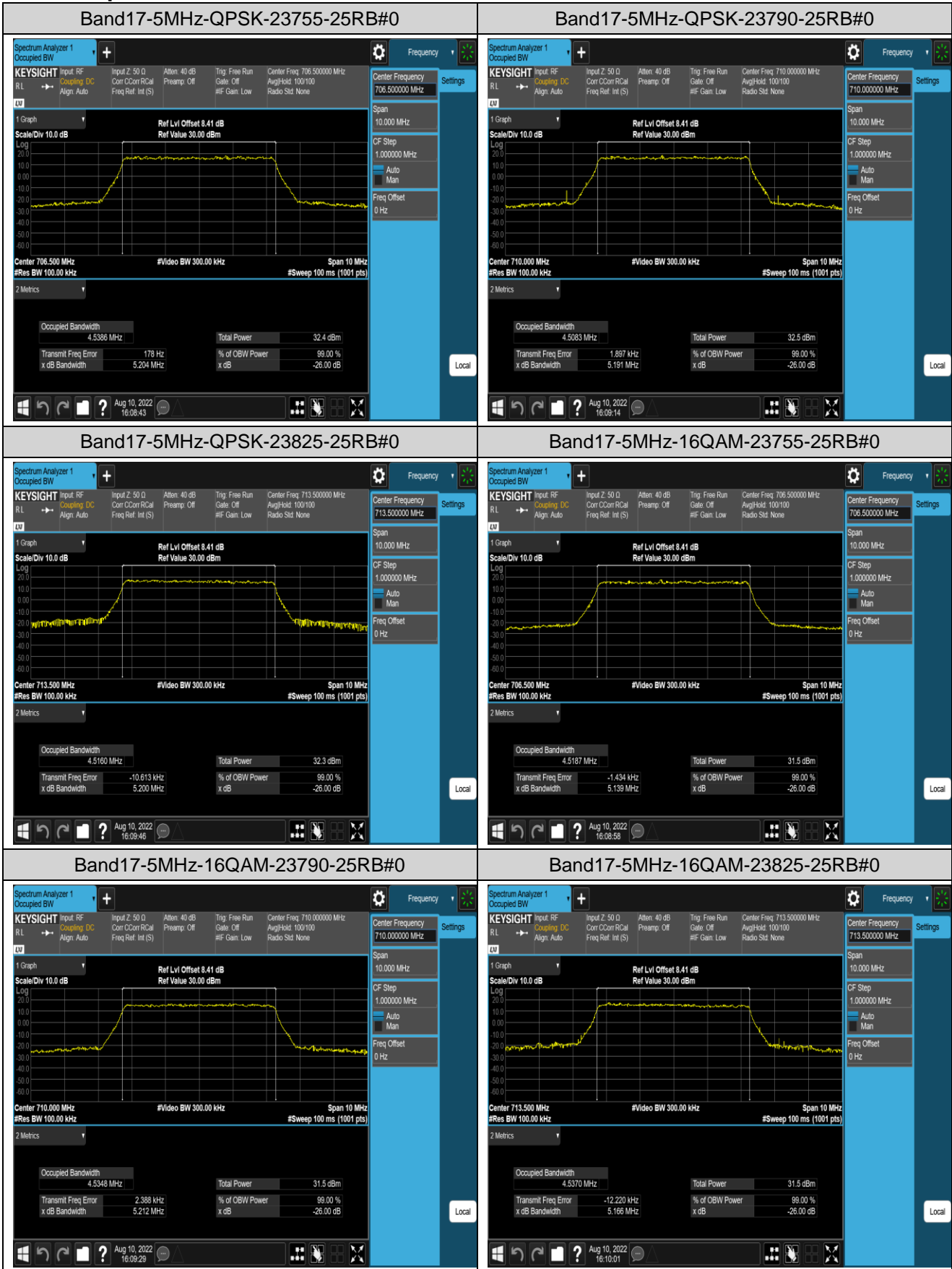


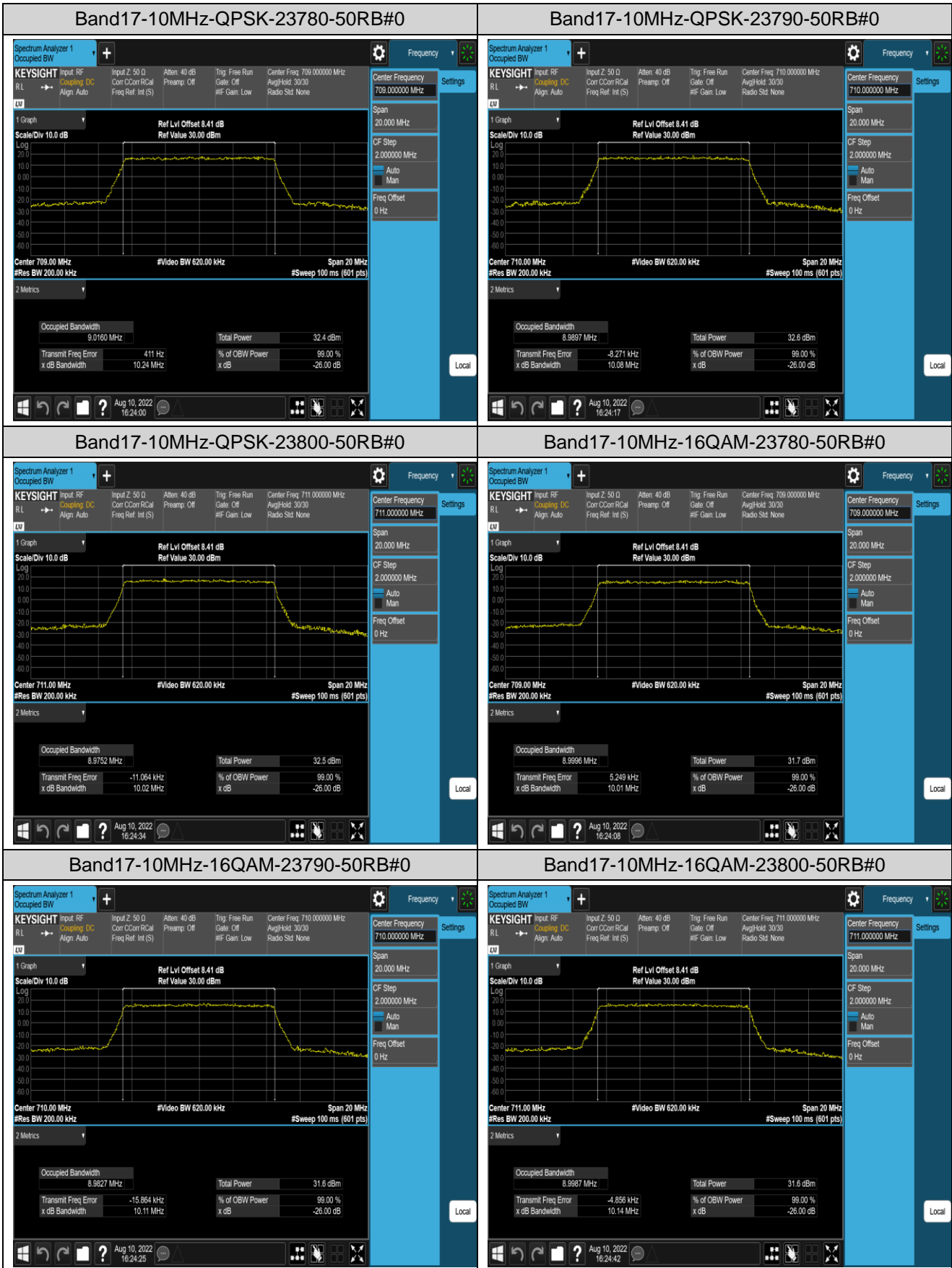
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5386	5.204	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5083	5.191	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5160	5.200	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5187	5.139	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5348	5.212	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5370	5.166	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0160	10.24	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9897	10.08	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9752	10.02	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9996	10.01	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9827	10.11	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9987	10.14	PASS

Test Graphs





Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-33.30,-22.69	PASS
Band17	5MHz	QPSK	23755	1RB#24	-34.51,-51.57	PASS
Band17	5MHz	QPSK	23755	25RB#0	-32.78,-32.48	PASS
Band17	5MHz	QPSK	23825	1RB#0	-52.07,-36.43	PASS
Band17	5MHz	QPSK	23825	1RB#24	-21.71,-31.45	PASS
Band17	5MHz	QPSK	23825	25RB#0	-33.77,-34.56	PASS
Band17	5MHz	16QAM	23755	1RB#0	-33.93,-23.70	PASS
Band17	5MHz	16QAM	23755	1RB#24	-36.59,-51.60	PASS
Band17	5MHz	16QAM	23755	25RB#0	-32.54,-33.27	PASS
Band17	5MHz	16QAM	23825	1RB#0	-52.24,-38.46	PASS
Band17	5MHz	16QAM	23825	1RB#24	-22.91,-32.19	PASS
Band17	5MHz	16QAM	23825	25RB#0	-33.89,-34.49	PASS
Band17	10MHz	QPSK	23780	1RB#0	-37.67,-28.83	PASS
Band17	10MHz	QPSK	23780	1RB#49	-36.65,-54.20	PASS
Band17	10MHz	QPSK	23780	50RB#0	-36.34,-38.19	PASS
Band17	10MHz	QPSK	23800	1RB#0	-55.44,-51.14	PASS
Band17	10MHz	QPSK	23800	1RB#49	-27.72,-37.54	PASS
Band17	10MHz	QPSK	23800	50RB#0	-40.07,-38.48	PASS
Band17	10MHz	16QAM	23780	1RB#0	-38.97,-29.37	PASS
Band17	10MHz	16QAM	23780	1RB#49	-38.36,-54.34	PASS
Band17	10MHz	16QAM	23780	50RB#0	-36.47,-38.71	PASS
Band17	10MHz	16QAM	23800	1RB#0	-55.65,-51.17	PASS
Band17	10MHz	16QAM	23800	1RB#49	-28.02,-38.06	PASS
Band17	10MHz	16QAM	23800	50RB#0	-40.36,-37.78	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

