

FCC Appendix RF Test Data for LTE Band 12

FCC ID : 2BVG4MP02

Company : BEIJING MERA TECHNOLOGY Co., Ltd

EUT : OxiLeash Pet GPS Tracker

Model Number : MP02

Report No. : CTA26062500304

Reviewed By : Eric Wang

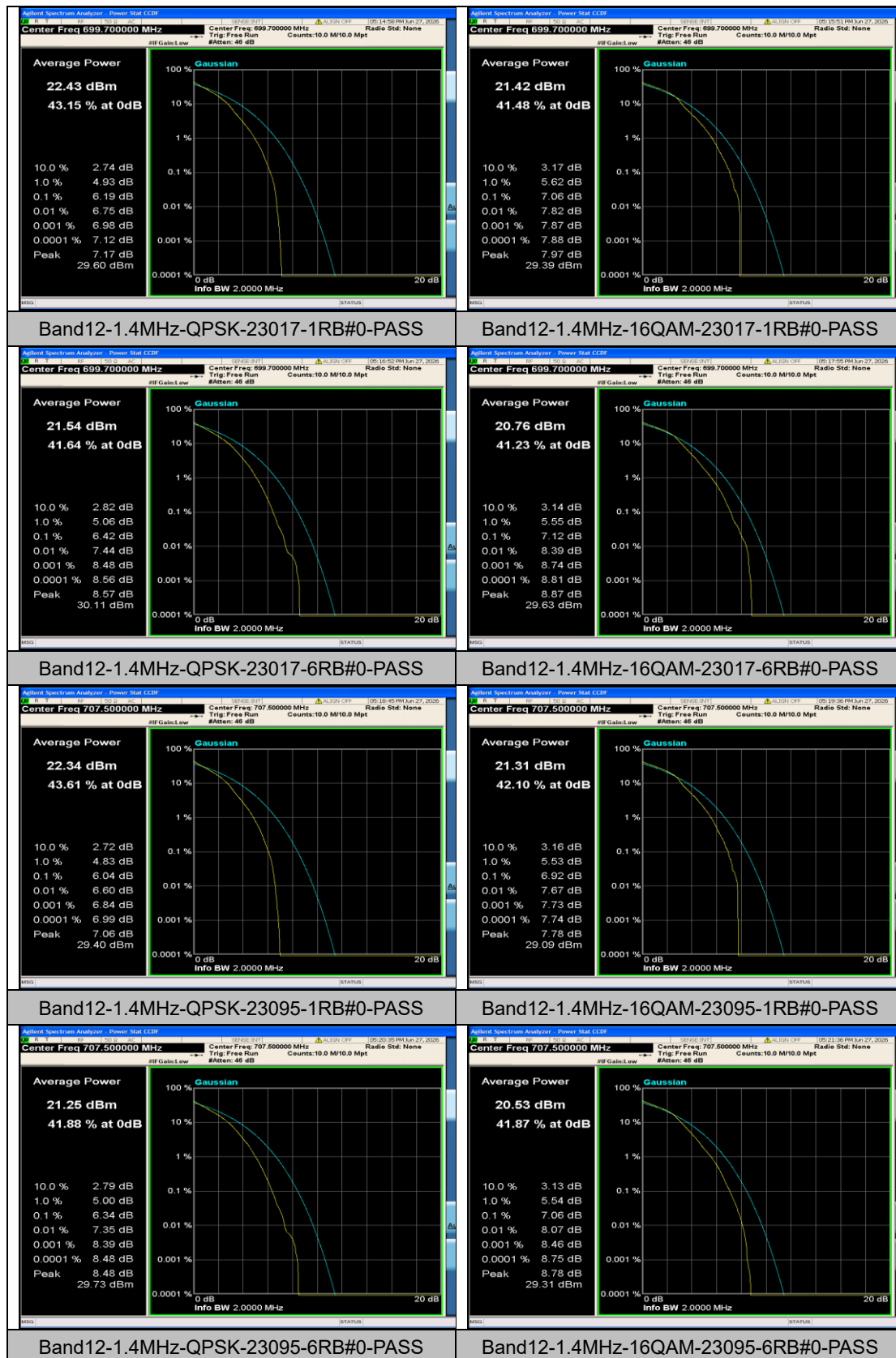
Appendix B: Peak-to-Average Ratio(CCDF)

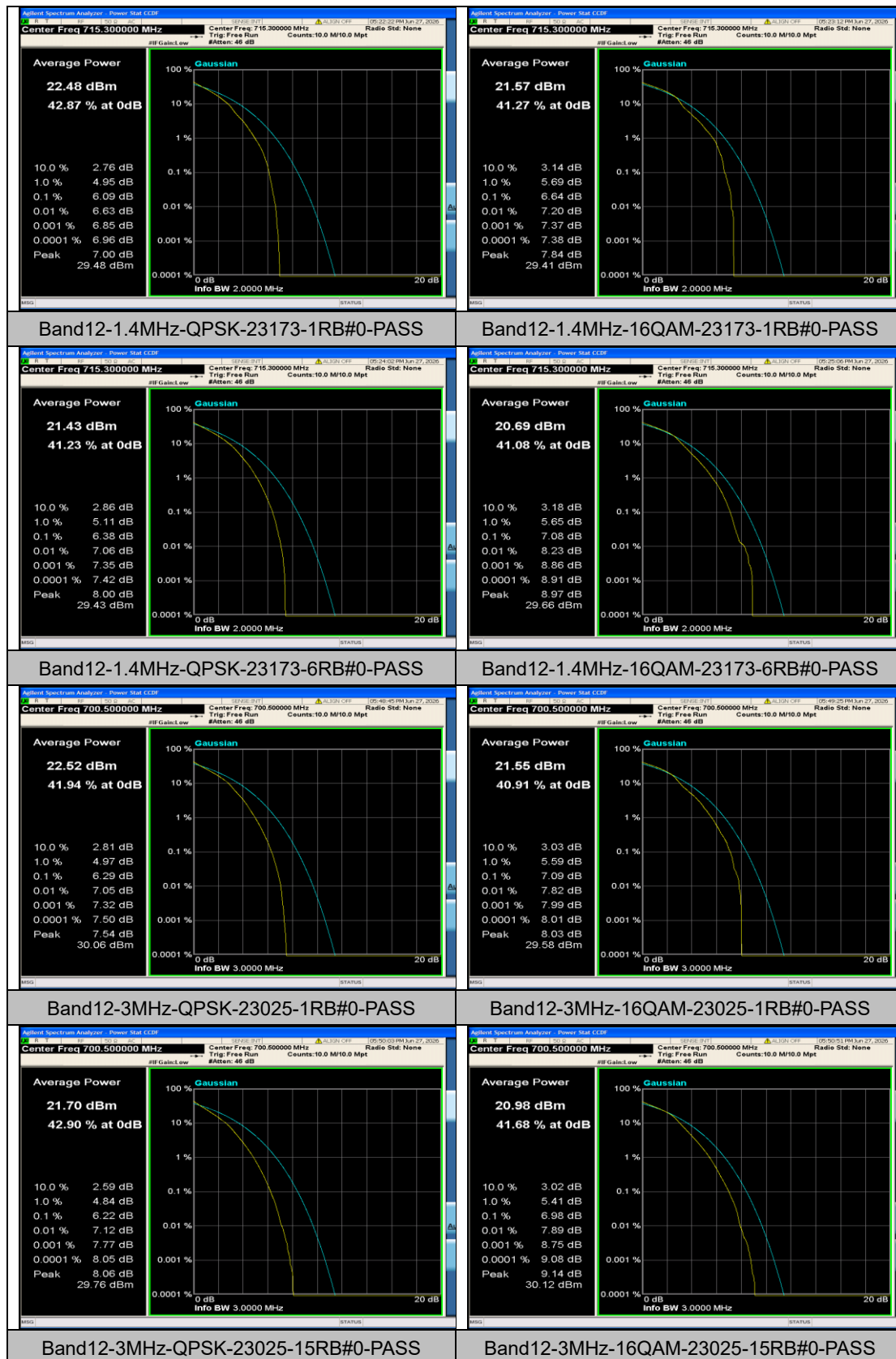
Test Result

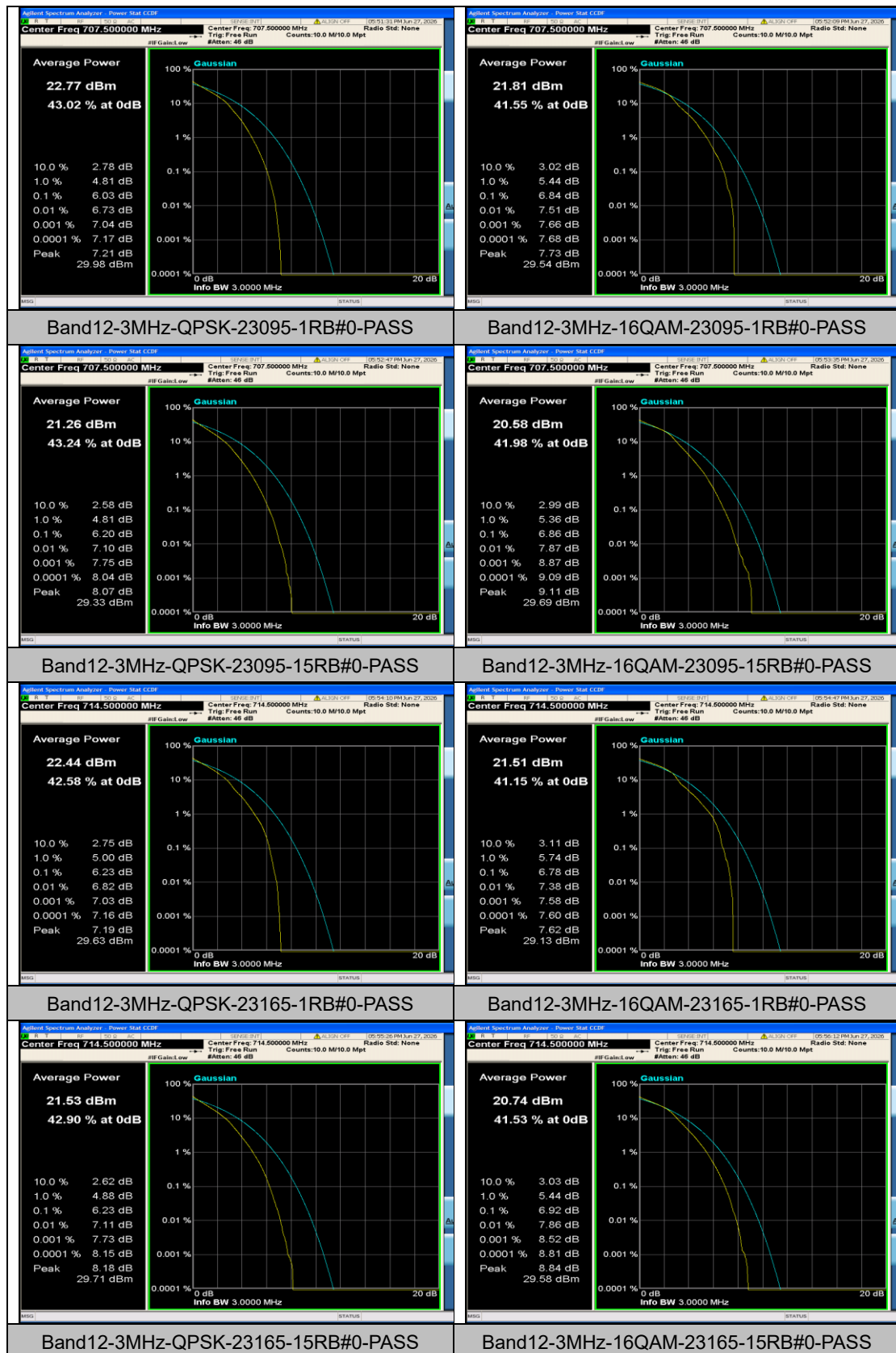
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	6.19	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	7.06	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	6.42	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	7.12	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	6.04	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.92	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	6.34	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	7.06	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	6.09	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.64	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	6.38	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	7.08	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	6.29	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	7.09	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	6.22	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.98	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	6.03	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.84	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	6.20	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.86	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	6.23	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.78	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	6.23	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.92	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	6.22	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.60	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	6.12	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.76	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.90	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.29	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	6.20	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.81	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	6.33	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.89	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	6.20	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.88	13	PASS

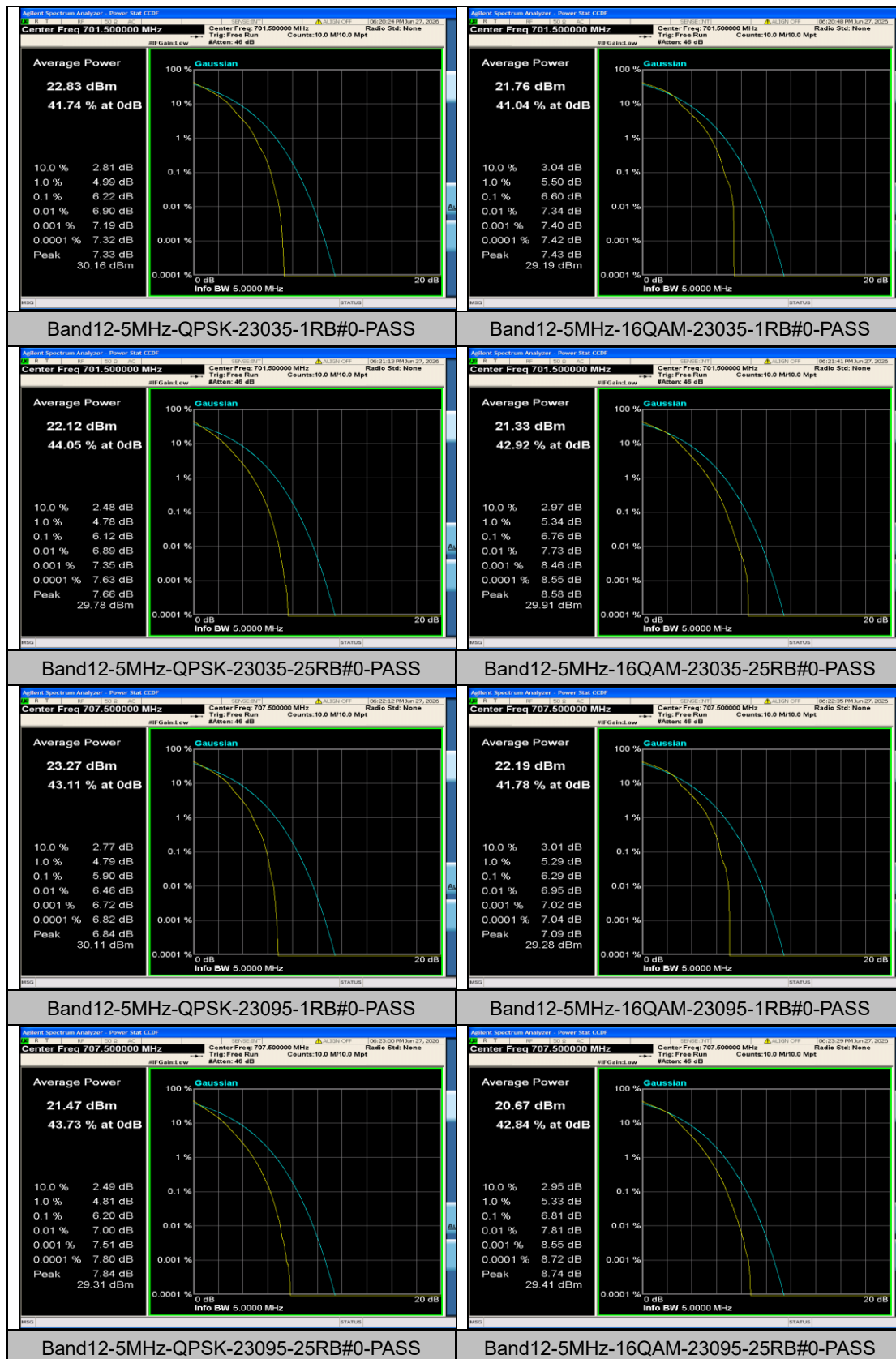
Band12	10MHz	QPSK	23060	1RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.80	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.29	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.21	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.29	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.71	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.94	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	6.15	13	PASS

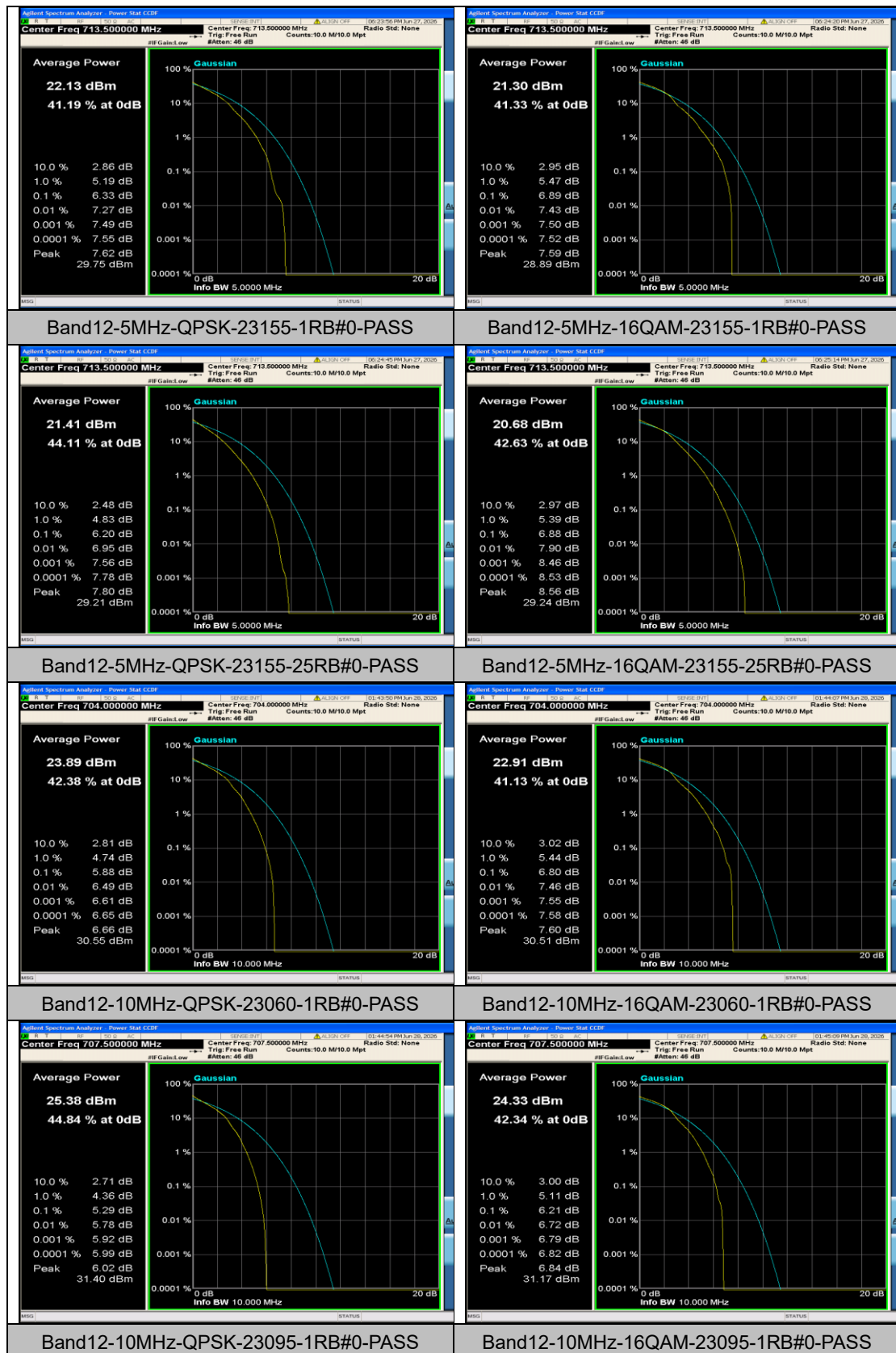
Test Graphs

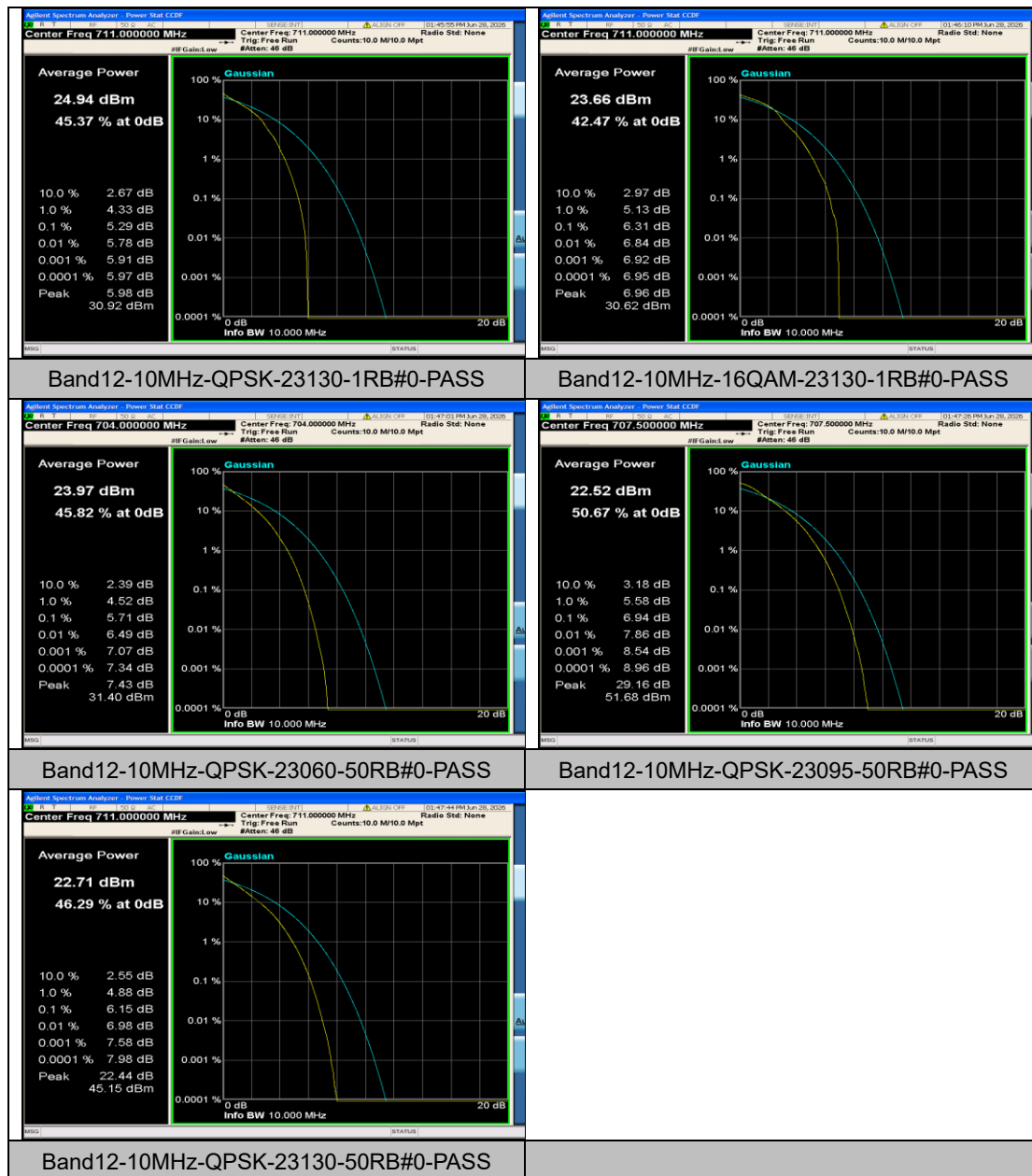










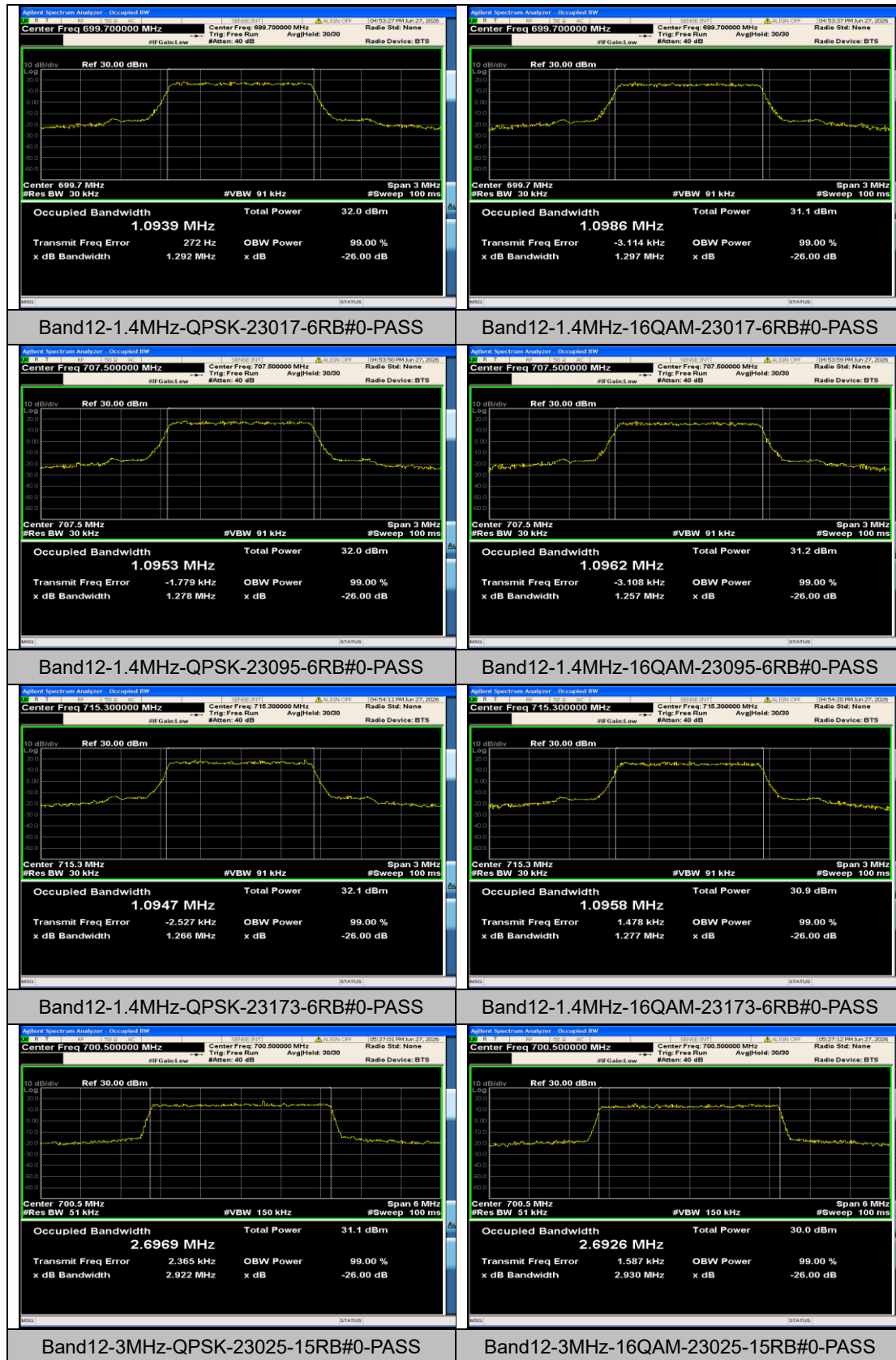


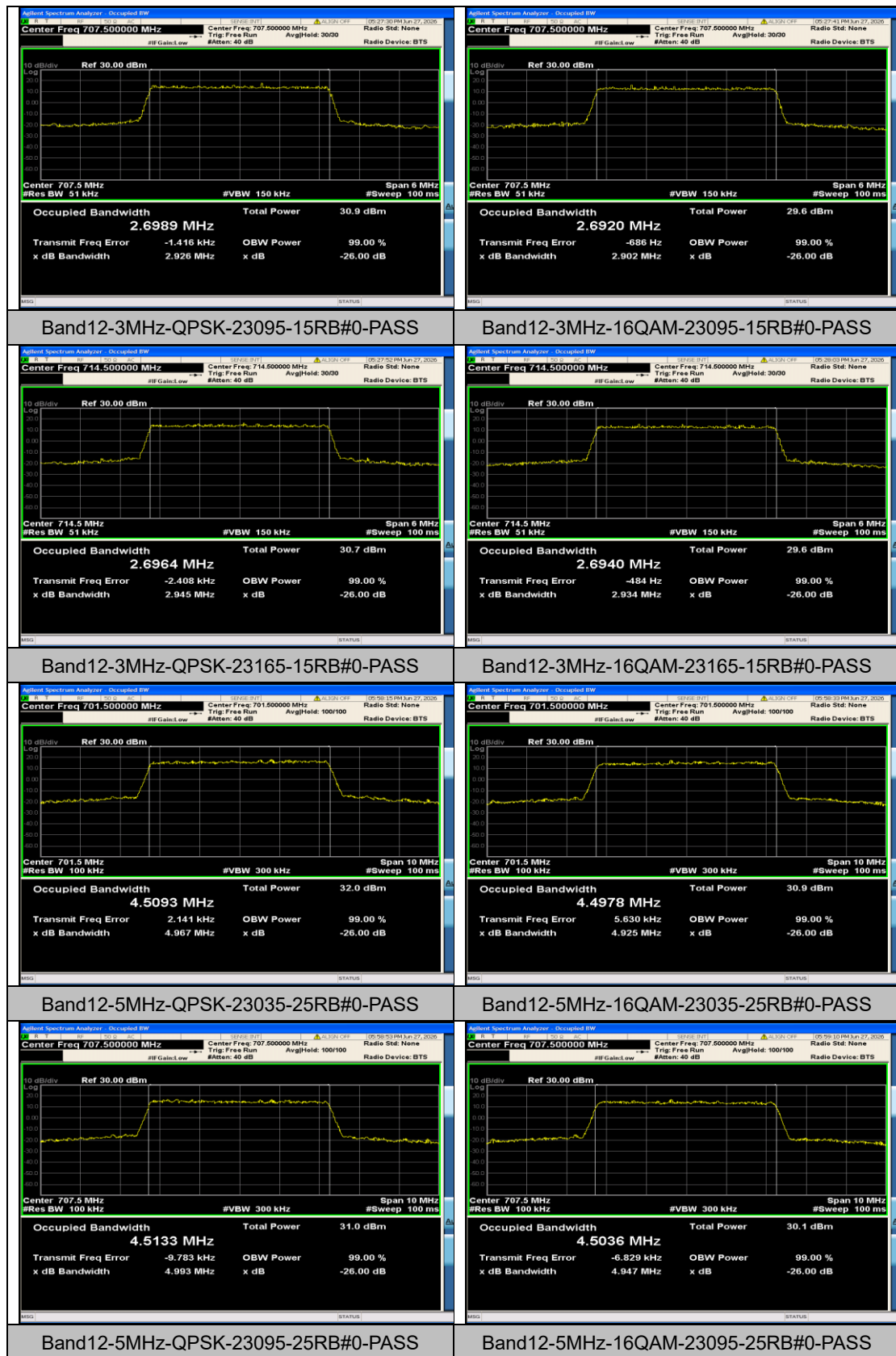
Appendix C: 26dB Bandwidth and Occupied Bandwidth

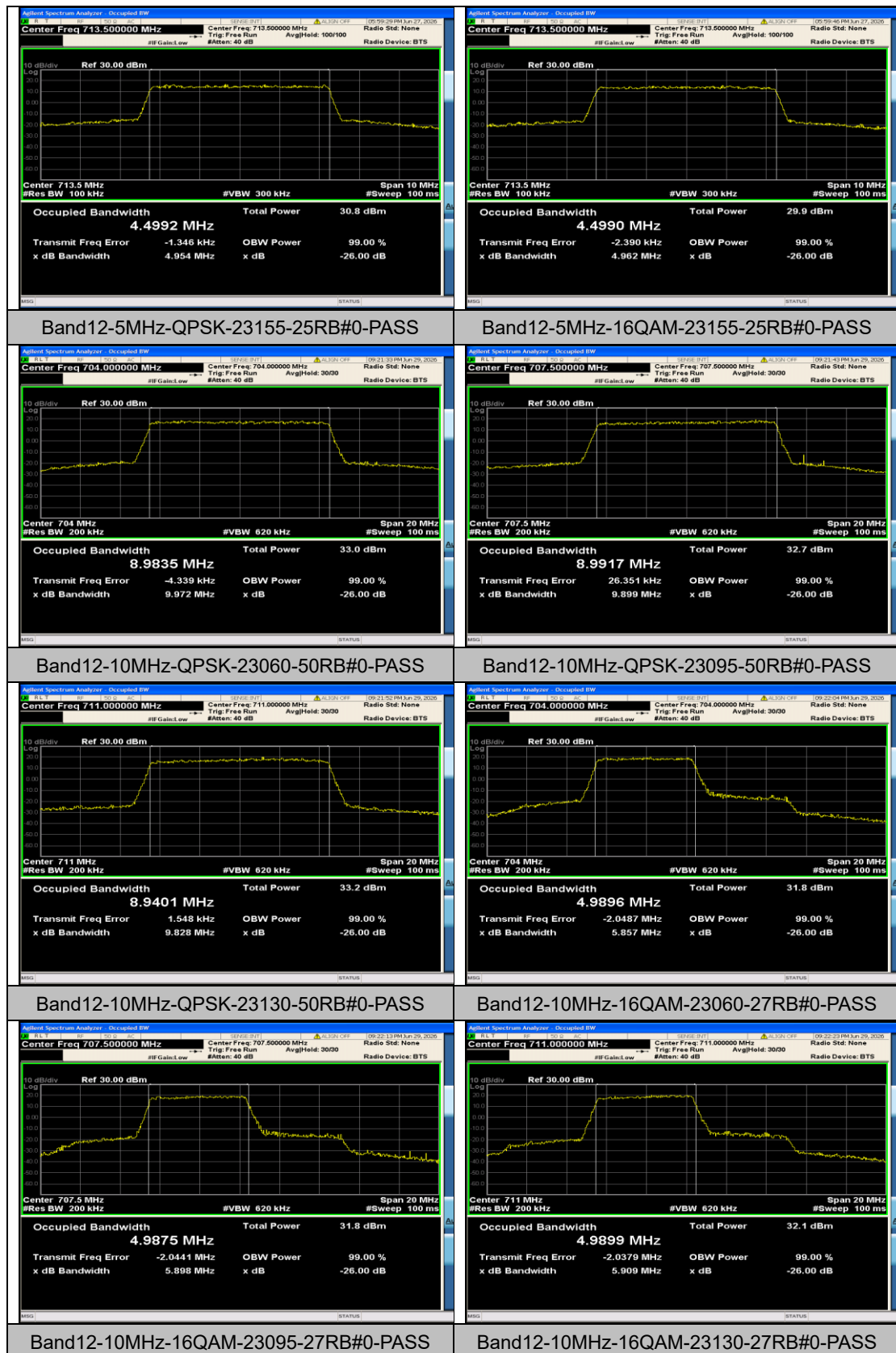
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0939	1.292	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0986	1.297	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0953	1.278	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0962	1.257	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0947	1.266	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0958	1.277	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6969	2.922	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6926	2.930	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6989	2.926	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6920	2.902	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6964	2.945	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6940	2.934	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5093	4.967	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4978	4.925	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5133	4.993	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5036	4.947	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4992	4.954	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4990	4.962	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9835	9.972	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9917	9.899	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9401	9.828	PASS
Band12	10MHz	16QAM	23060	27RB#0	4.9896	5.857	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.9875	5.898	PASS
Band12	10MHz	16QAM	23130	27RB#0	4.9899	5.909	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-24.45	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-26.24	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-23.31	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-24.70	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-22.18	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-23.74	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-24.35	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-26.31	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-24.92	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-26.21	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-21.84	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-23.32	PASS
Band12	3MHz	QPSK	23025	1RB#0	-23.90	PASS
Band12	3MHz	16QAM	23025	1RB#0	-24.65	PASS
Band12	3MHz	QPSK	23025	1RB#14	-39.39	PASS
Band12	3MHz	16QAM	23025	1RB#14	-40.07	PASS
Band12	3MHz	QPSK	23025	15RB#0	-25.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	-27.20	PASS
Band12	3MHz	QPSK	23165	1RB#0	-39.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	-40.08	PASS
Band12	3MHz	QPSK	23165	1RB#14	-23.59	PASS
Band12	3MHz	16QAM	23165	1RB#14	-26.04	PASS
Band12	3MHz	QPSK	23165	15RB#0	-25.31	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	-27.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	-28.01	PASS
Band12	5MHz	QPSK	23035	1RB#24	-48.32	PASS
Band12	5MHz	16QAM	23035	1RB#24	-48.83	PASS
Band12	5MHz	QPSK	23035	25RB#0	-28.37	PASS
Band12	5MHz	16QAM	23035	25RB#0	-30.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	-47.71	PASS
Band12	5MHz	16QAM	23155	1RB#0	-48.48	PASS
Band12	5MHz	QPSK	23155	1RB#24	-26.67	PASS
Band12	5MHz	16QAM	23155	1RB#24	-27.50	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.16	PASS
Band12	5MHz	16QAM	23155	25RB#0	-29.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	-34.44	PASS

Band12	10MHz	16QAM	23060	1RB#0	-35.85	PASS
Band12	10MHz	QPSK	23060	1RB#49	-46.01	PASS
Band12	10MHz	16QAM	23060	1RB#49	-46.50	PASS
Band12	10MHz	QPSK	23130	1RB#0	-46.41	PASS
Band12	10MHz	16QAM	23130	1RB#0	-46.90	PASS
Band12	10MHz	QPSK	23130	1RB#49	-34.46	PASS
Band12	10MHz	16QAM	23130	1RB#49	-34.42	PASS
Band12	10MHz	QPSK	23060	50RB#0	-30.90	PASS
Band12	10MHz	QPSK	23130	50RB#0	-30.92	PASS

Test Graphs

