

FCC Appendix RF Test Data for LTE Band 71

FCC ID : 2BVG4MP02

Company : BEIJING MERA TECHNOLOGY Co., Ltd

EUT : OxiLeash Pet GPS Tracker

Model Number : MP02

Report No. : CTA26062500307

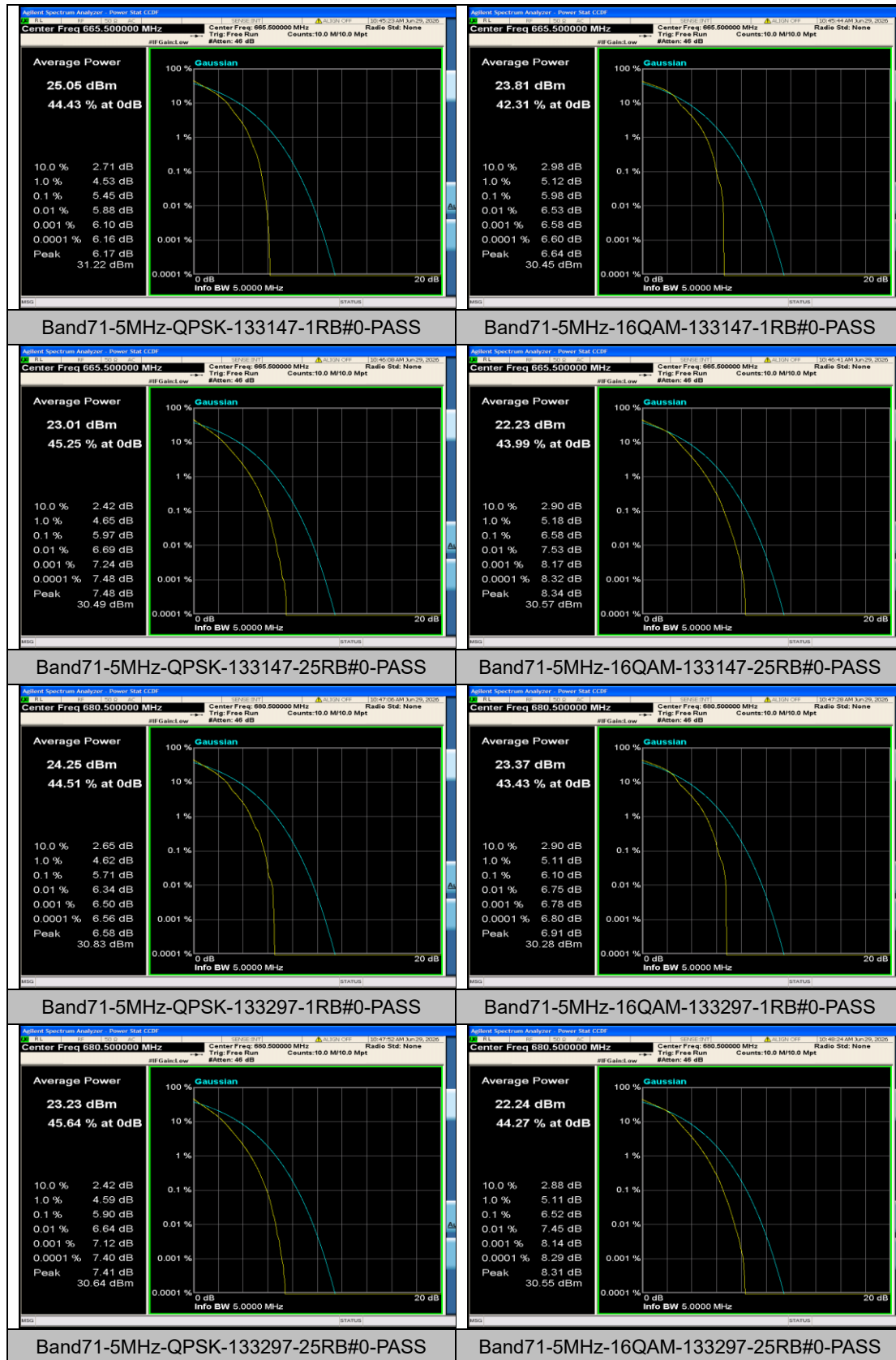
Reviewed By : Eric Wang

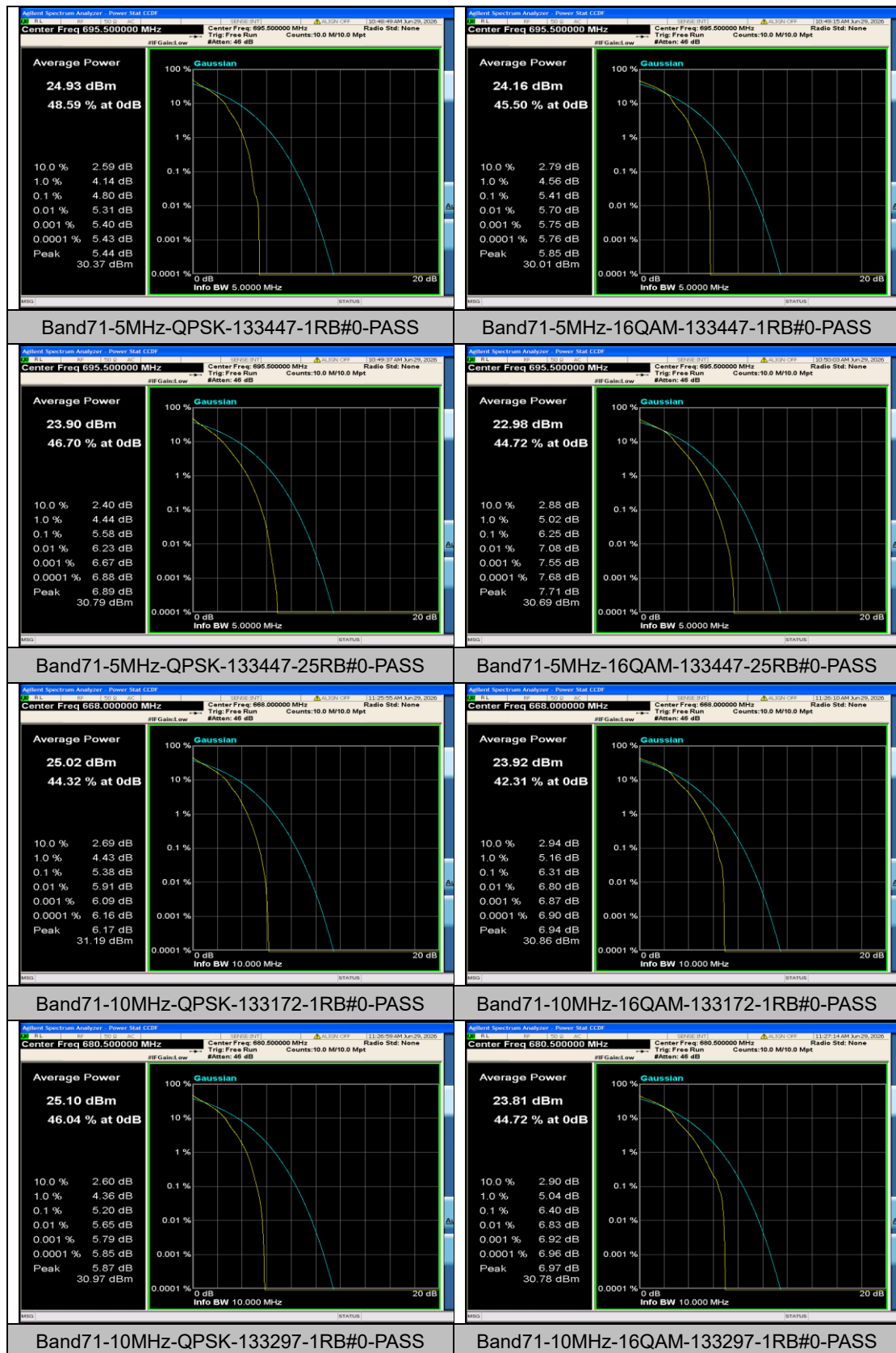
Appendix B: Peak-to-Average Ratio(CCDF)

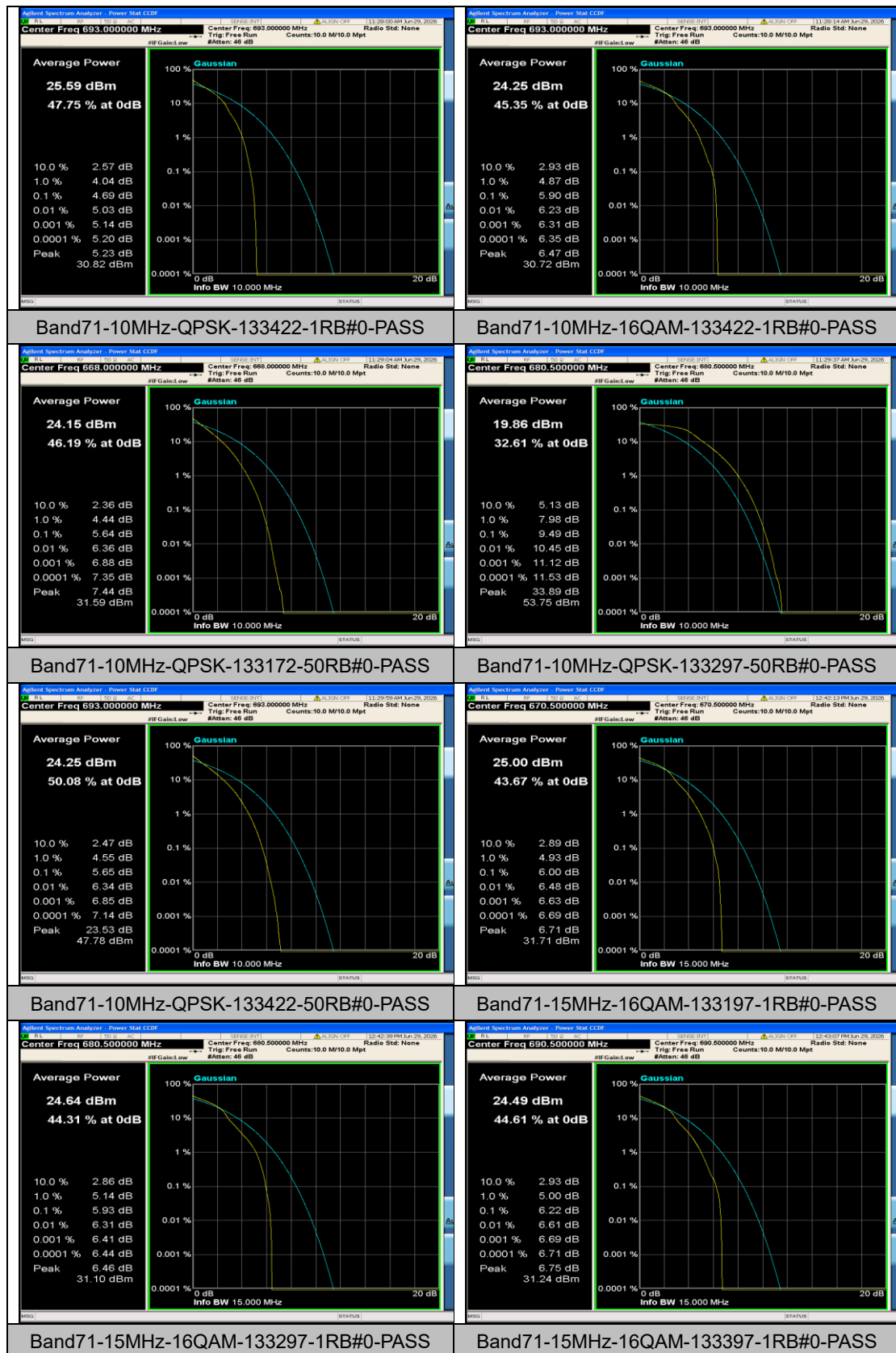
Test Result

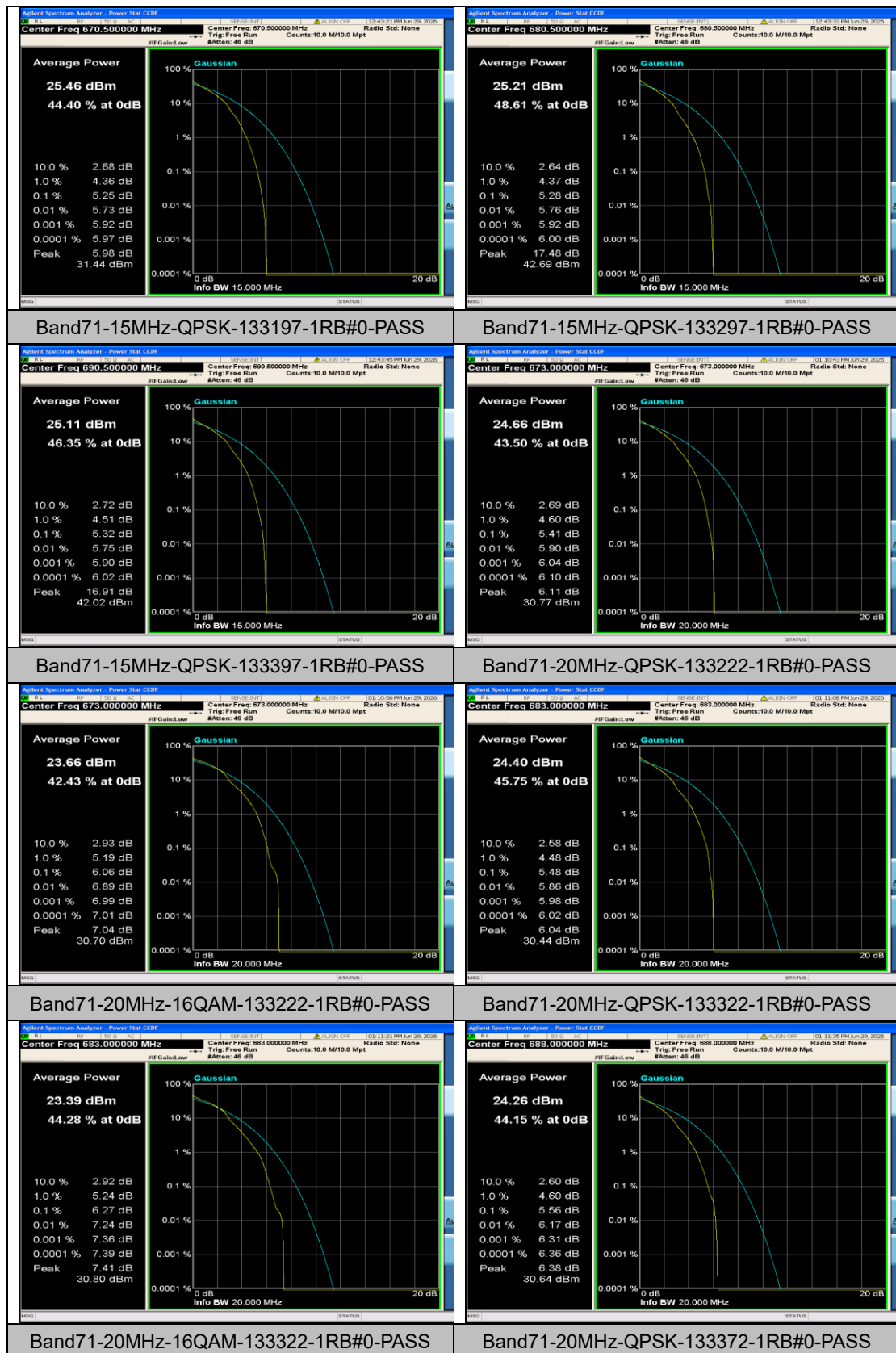
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	5.45	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.98	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.97	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.58	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.71	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	6.10	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.90	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.52	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.80	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.41	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.58	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.25	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	5.38	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	6.31	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.20	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.40	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.69	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.90	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.64	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.49	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.65	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	6.00	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.93	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.22	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	5.25	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.28	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.32	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	5.41	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	6.06	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.48	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	6.27	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.56	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.56	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.74	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.97	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.99	13	PASS

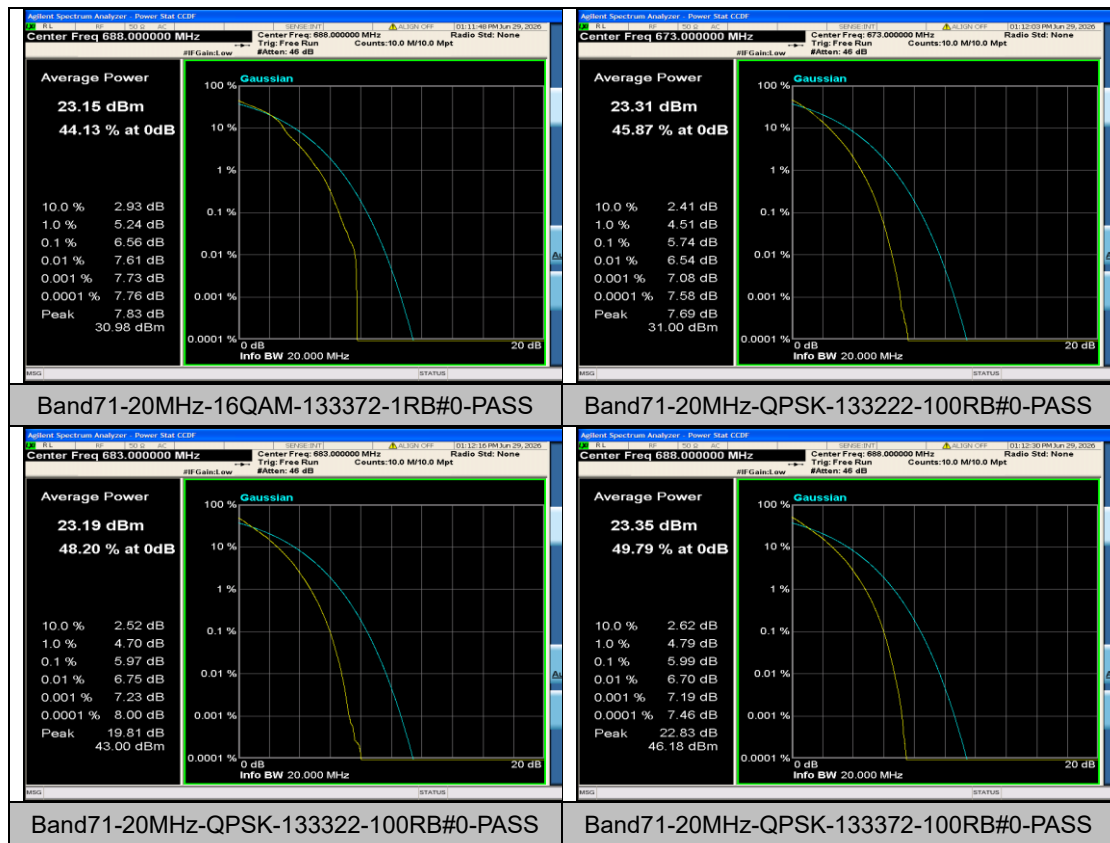
Test Graphs









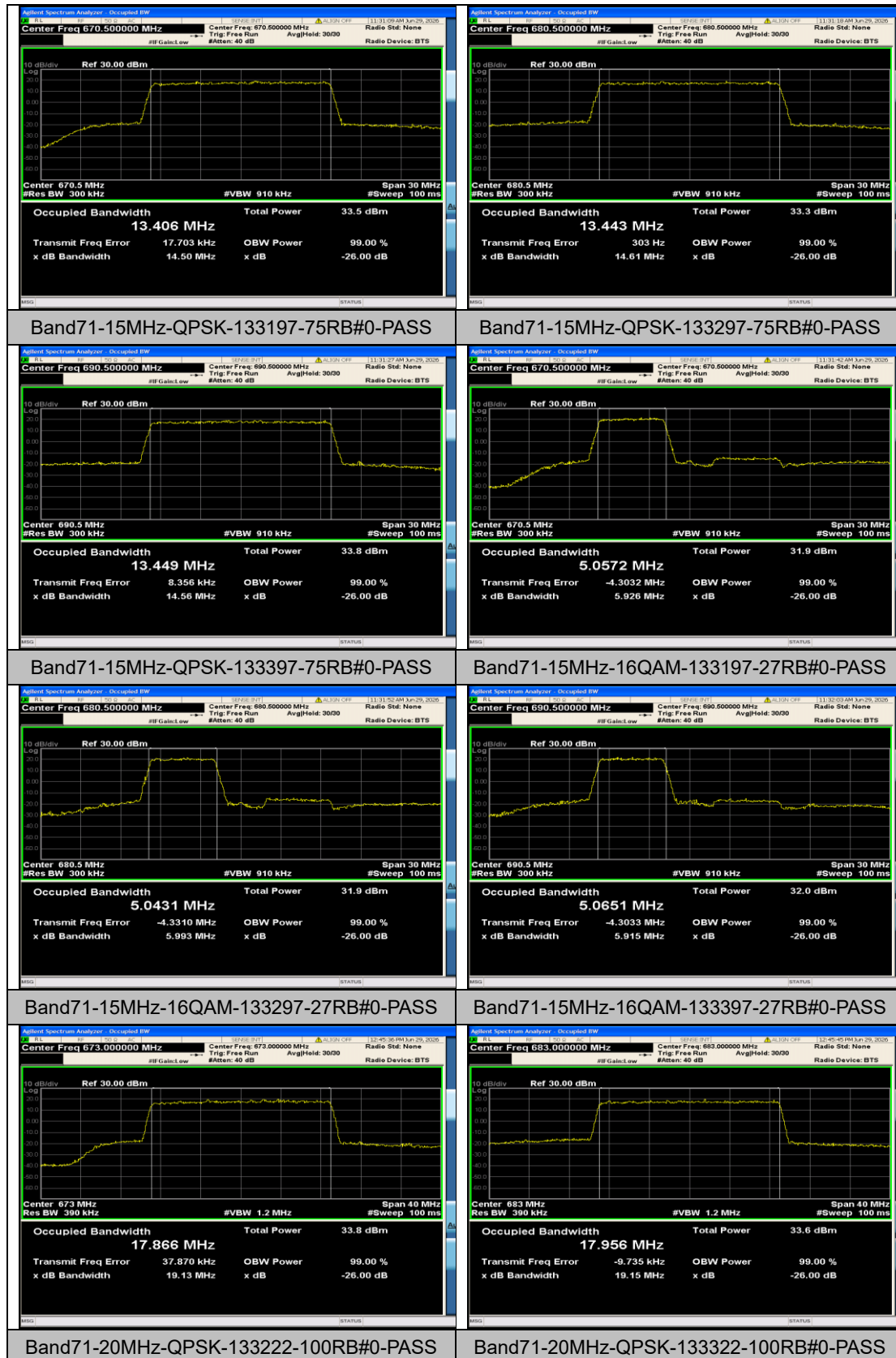


Appendix C: 26dB Bandwidth and Occupied Bandwidth

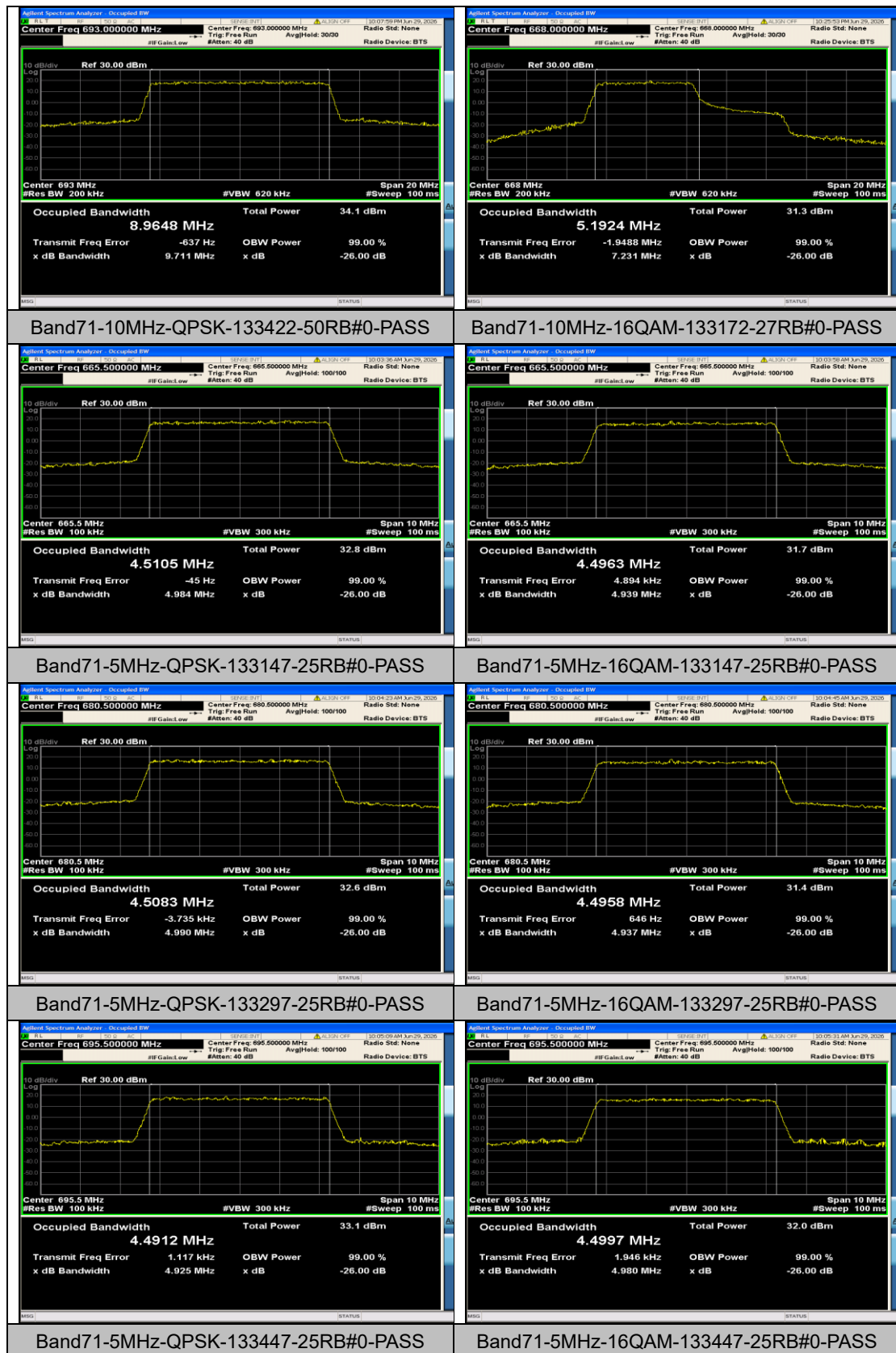
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	15MHz	QPSK	133197	75RB#0	13.406	14.50	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.443	14.61	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.449	14.56	PASS
Band71	15MHz	16QAM	133197	27RB#0	5.0572	5.926	PASS
Band71	15MHz	16QAM	133297	27RB#0	5.0431	5.993	PASS
Band71	15MHz	16QAM	133397	27RB#0	5.0651	5.915	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.866	19.13	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.956	19.15	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.931	19.32	PASS
Band71	10MHz	16QAM	133297	27RB#0	5.1176	7.215	PASS
Band71	10MHz	16QAM	133422	27RB#0	5.2783	8.100	PASS
Band71	20MHz	16QAM	133222	27RB#0	5.1463	6.108	PASS
Band71	20MHz	16QAM	133322	27RB#0	5.1728	6.157	PASS
Band71	20MHz	16QAM	133372	27RB#0	5.1763	6.086	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9726	9.739	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9701	9.807	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9648	9.711	PASS
Band71	10MHz	16QAM	133172	27RB#0	5.1924	7.231	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.5105	4.984	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4963	4.939	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5083	4.990	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.4958	4.937	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4912	4.925	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4997	4.980	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-24.10	PASS
Band71	5MHz	16QAM	133147	1RB#0	-25.62	PASS
Band71	5MHz	QPSK	133147	1RB#24	-22.36	PASS
Band71	5MHz	16QAM	133147	1RB#24	-23.43	PASS
Band71	5MHz	QPSK	133147	25RB#0	-30.32	PASS
Band71	5MHz	16QAM	133147	25RB#0	-31.35	PASS
Band71	5MHz	QPSK	133447	1RB#0	-22.13	PASS
Band71	5MHz	16QAM	133447	1RB#0	-23.20	PASS
Band71	5MHz	QPSK	133447	1RB#24	-23.67	PASS
Band71	5MHz	16QAM	133447	1RB#24	-25.16	PASS
Band71	5MHz	QPSK	133447	25RB#0	-33.28	PASS
Band71	5MHz	16QAM	133447	25RB#0	-33.51	PASS
Band71	10MHz	QPSK	133172	1RB#0	-32.38	PASS
Band71	10MHz	16QAM	133172	1RB#0	-33.29	PASS
Band71	10MHz	QPSK	133172	1RB#49	-46.78	PASS
Band71	10MHz	16QAM	133172	1RB#49	-47.26	PASS
Band71	10MHz	QPSK	133422	1RB#0	-43.23	PASS
Band71	10MHz	16QAM	133422	1RB#0	-44.85	PASS
Band71	10MHz	QPSK	133422	1RB#49	-32.10	PASS
Band71	10MHz	16QAM	133422	1RB#49	-34.29	PASS
Band71	10MHz	QPSK	133172	50RB#0	-33.40	PASS
Band71	10MHz	QPSK	133422	50RB#0	-36.33	PASS
Band71	15MHz	QPSK	133197	1RB#0	-40.86	PASS
Band71	15MHz	16QAM	133197	1RB#0	-42.14	PASS
Band71	15MHz	QPSK	133197	1RB#74	-42.61	PASS
Band71	15MHz	16QAM	133197	1RB#74	-43.30	PASS
Band71	15MHz	QPSK	133397	1RB#0	-42.22	PASS
Band71	15MHz	16QAM	133397	1RB#0	-43.22	PASS
Band71	15MHz	QPSK	133397	1RB#74	-40.99	PASS
Band71	15MHz	16QAM	133397	1RB#74	-41.71	PASS
Band71	15MHz	QPSK	133197	75RB#0	-34.71	PASS
Band71	15MHz	QPSK	133397	75RB#0	-37.09	PASS
Band71	20MHz	QPSK	133222	1RB#0	-45.51	PASS
Band71	20MHz	16QAM	133222	1RB#0	-46.96	PASS
Band71	20MHz	QPSK	133222	1RB#99	-45.75	PASS
Band71	20MHz	16QAM	133222	1RB#99	-46.47	PASS
Band71	20MHz	QPSK	133372	1RB#0	-44.87	PASS

Band71	20MHz	16QAM	133372	1RB#0	-45.02	PASS
Band71	20MHz	QPSK	133372	1RB#99	-46.12	PASS
Band71	20MHz	16QAM	133372	1RB#99	-46.67	PASS
Band71	20MHz	QPSK	133222	100RB#0	-34.96	PASS
Band71	20MHz	QPSK	133372	100RB#0	-37.29	PASS

Test Graphs

