

FCC Appendix RF Test Data for LTE Band 12

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102307

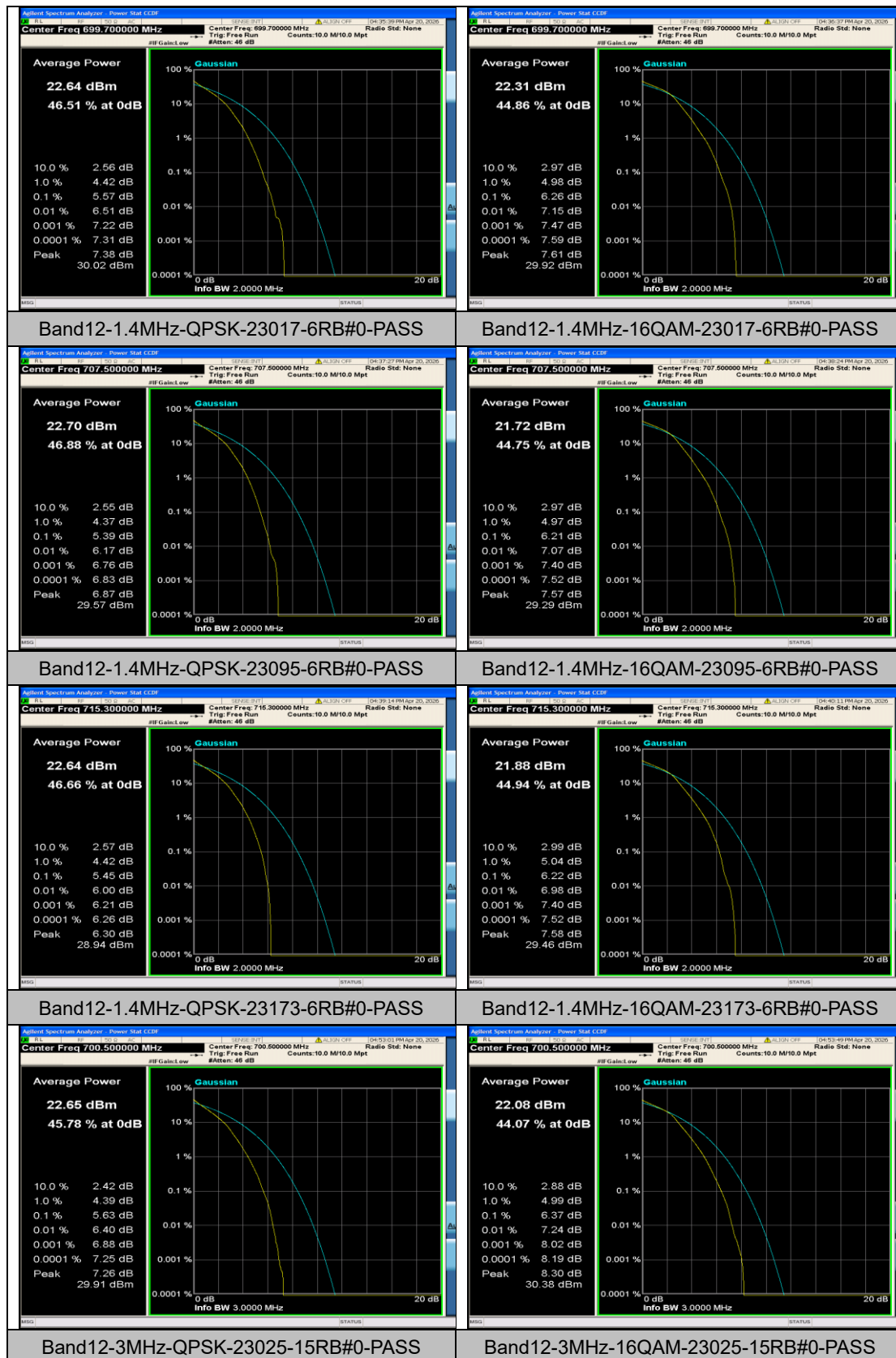
Reviewed By : Eric Wang

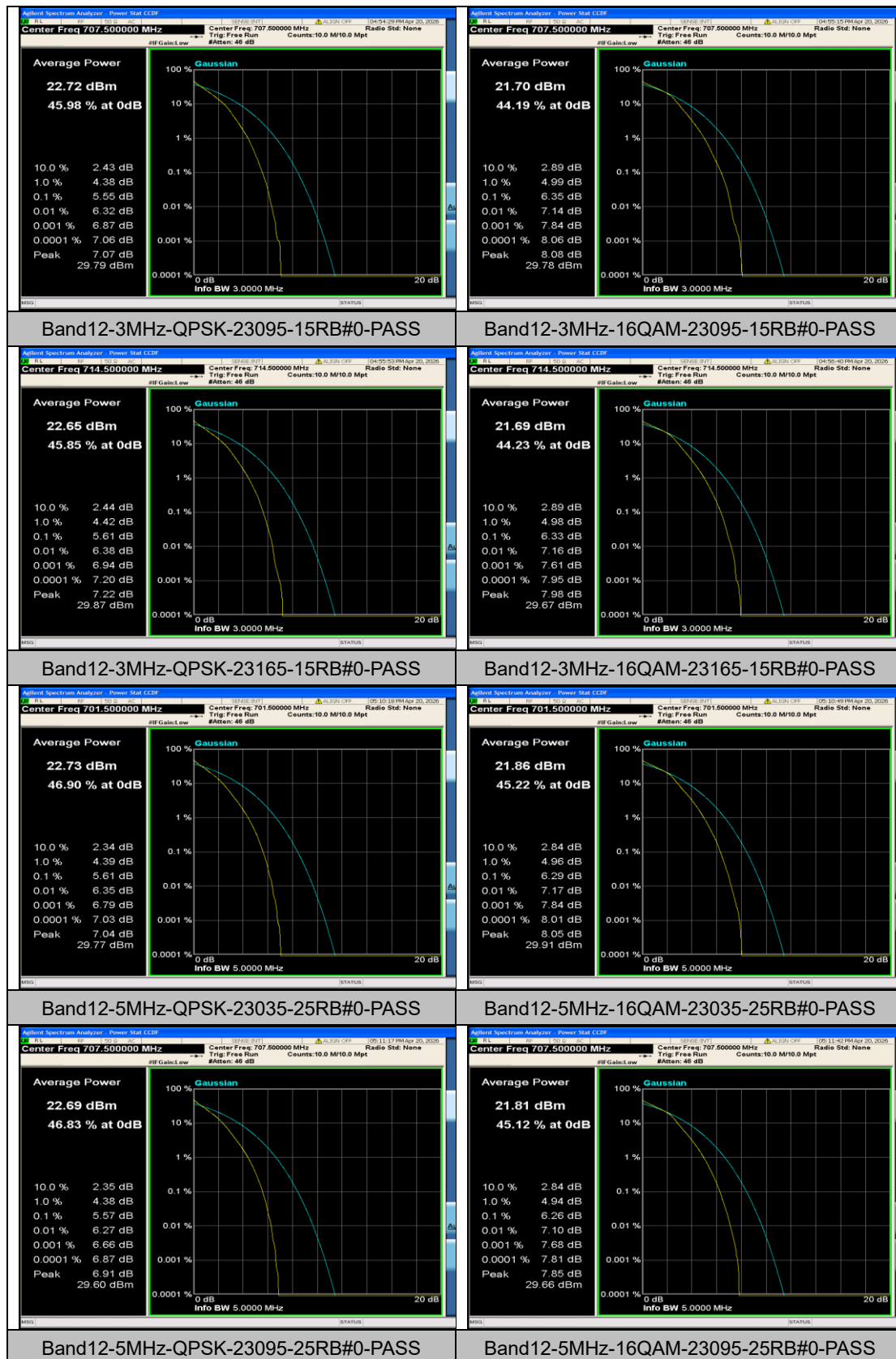
Appendix A: Peak-to-Average Ratio(CCDF)

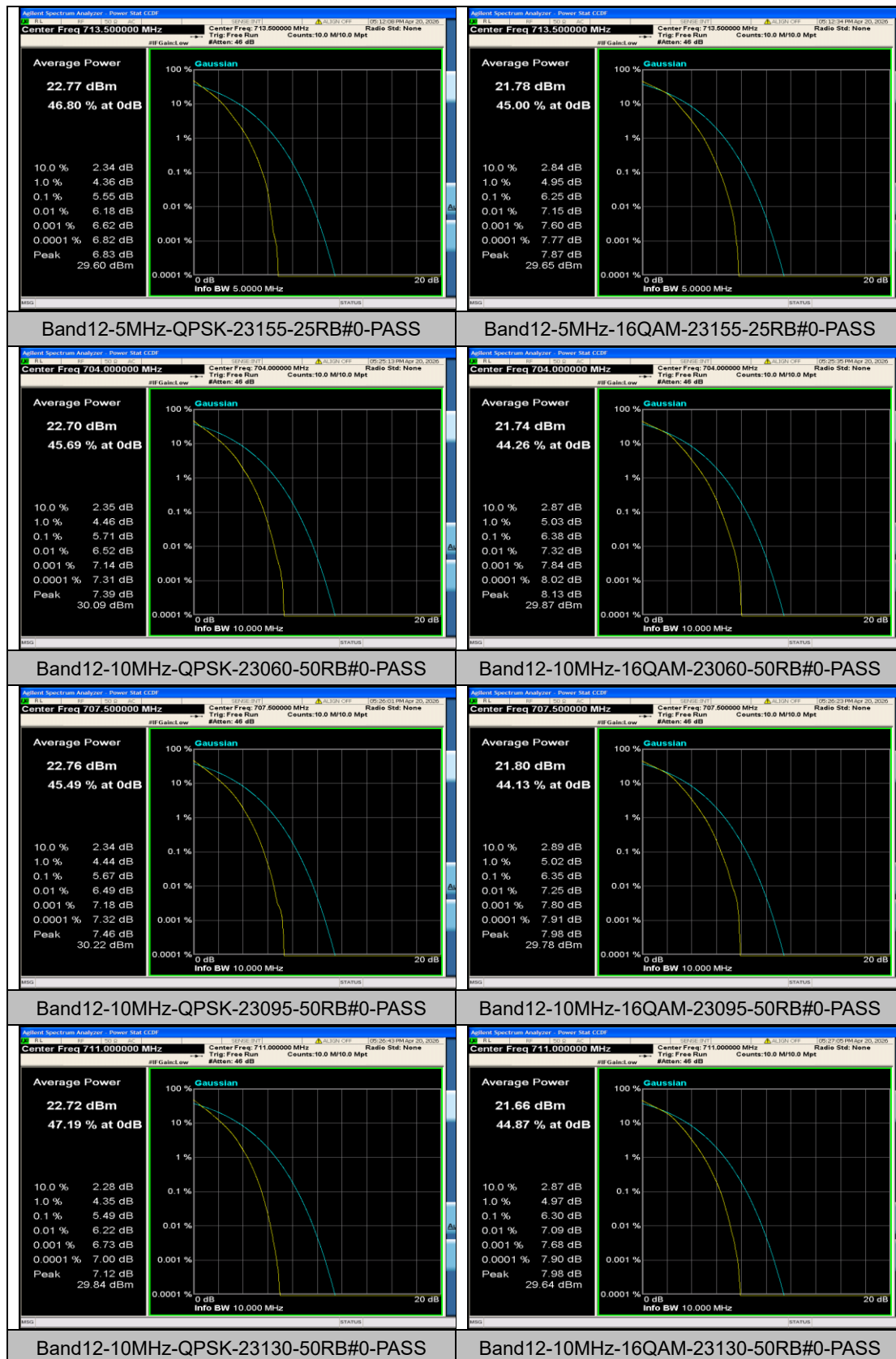
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.57	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.26	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.39	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.21	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.45	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.22	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.63	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.37	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.55	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.35	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.61	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.33	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.61	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.29	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.57	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.26	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.55	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.25	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.38	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.30	13	PASS

Test Graphs





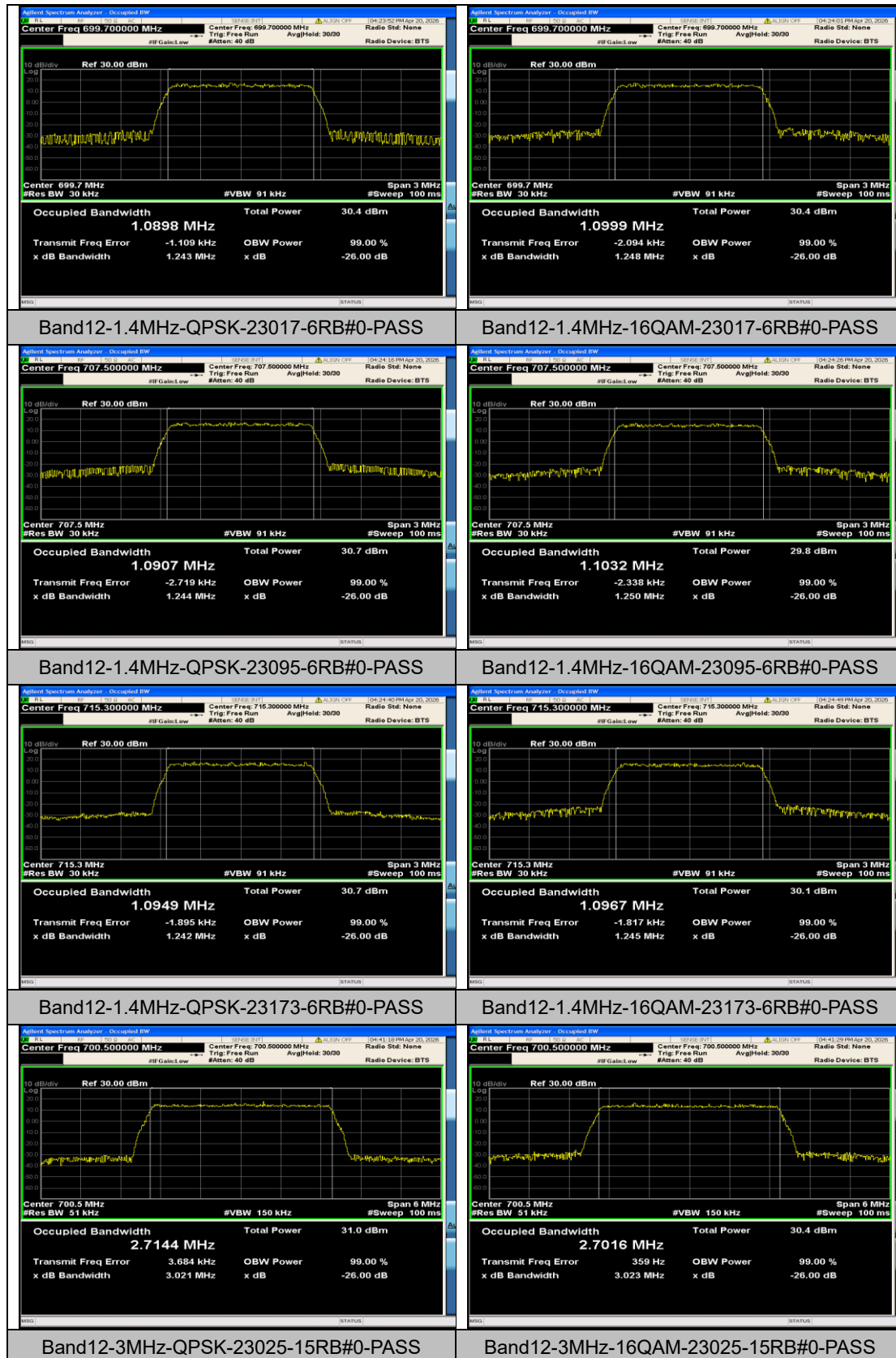


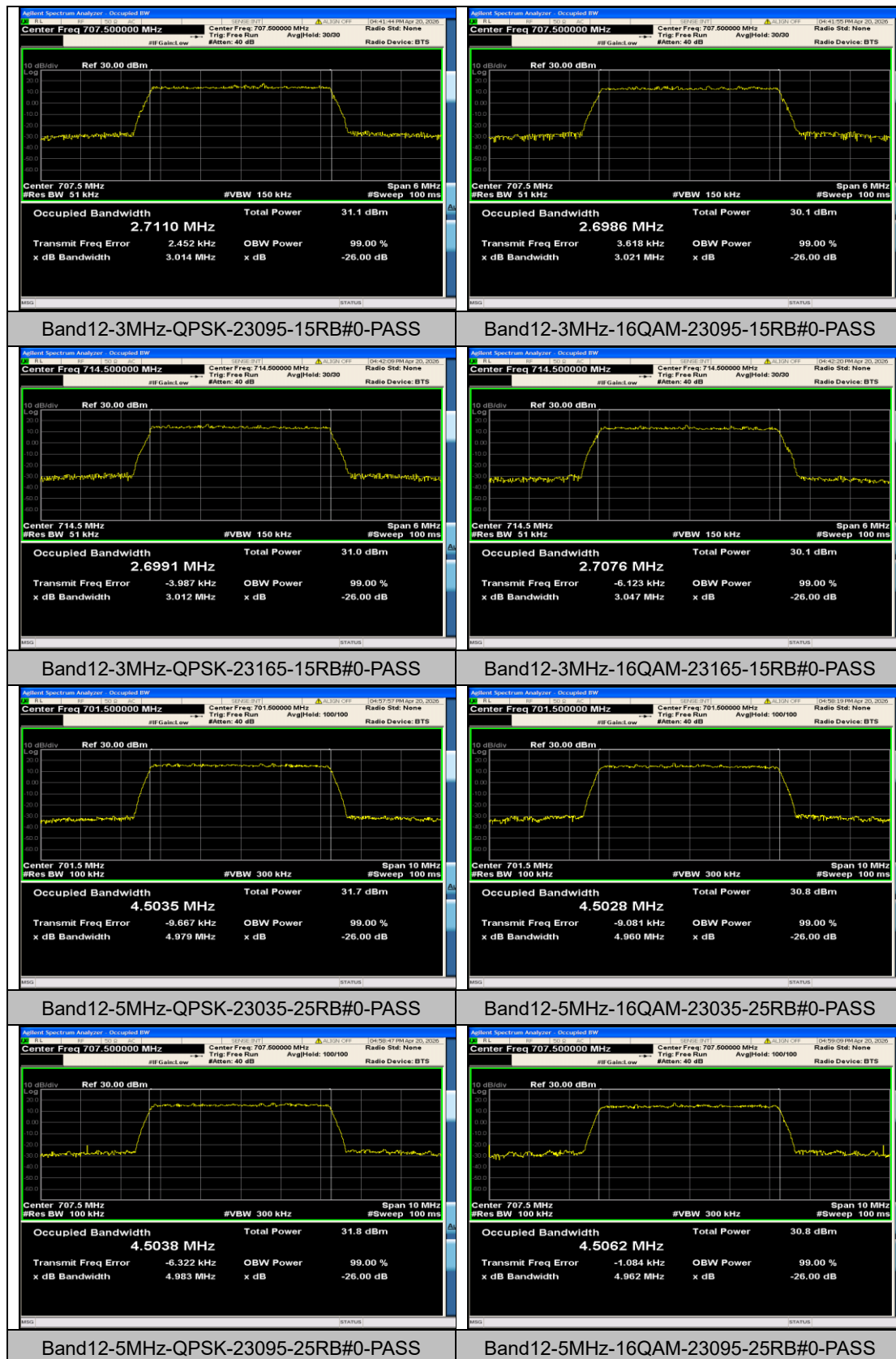
Appendix B: 26dB Bandwidth and Occupied Bandwidth

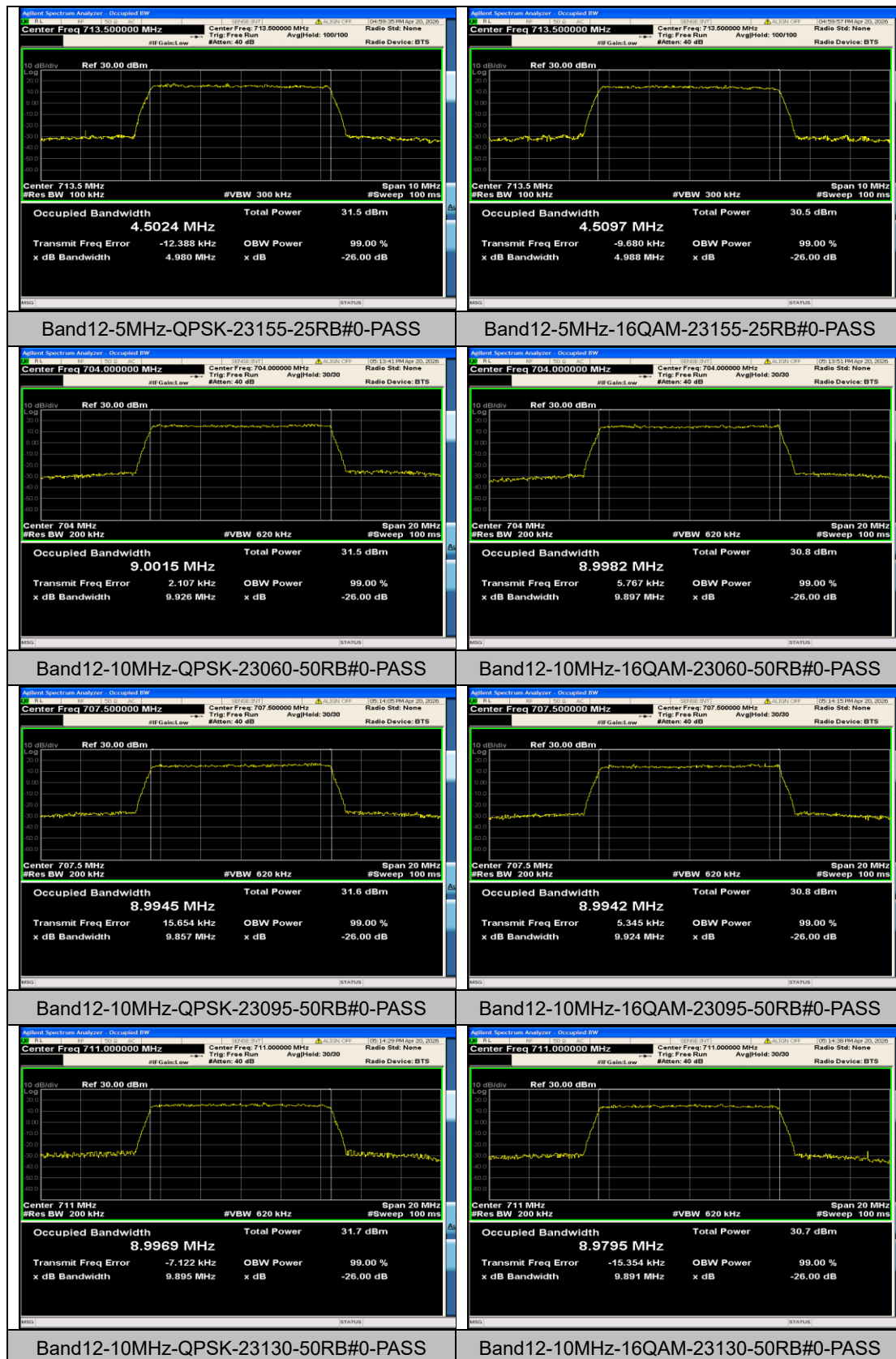
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0898	1.243	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0999	1.248	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0907	1.244	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1032	1.250	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0949	1.242	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0967	1.245	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7144	3.021	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7016	3.023	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7110	3.014	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6986	3.021	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6991	3.012	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7076	3.047	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5035	4.979	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5028	4.960	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5038	4.983	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5062	4.962	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5024	4.980	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5097	4.988	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0015	9.926	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9982	9.897	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9945	9.857	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9942	9.924	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9969	9.895	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9795	9.891	PASS

Test Graphs





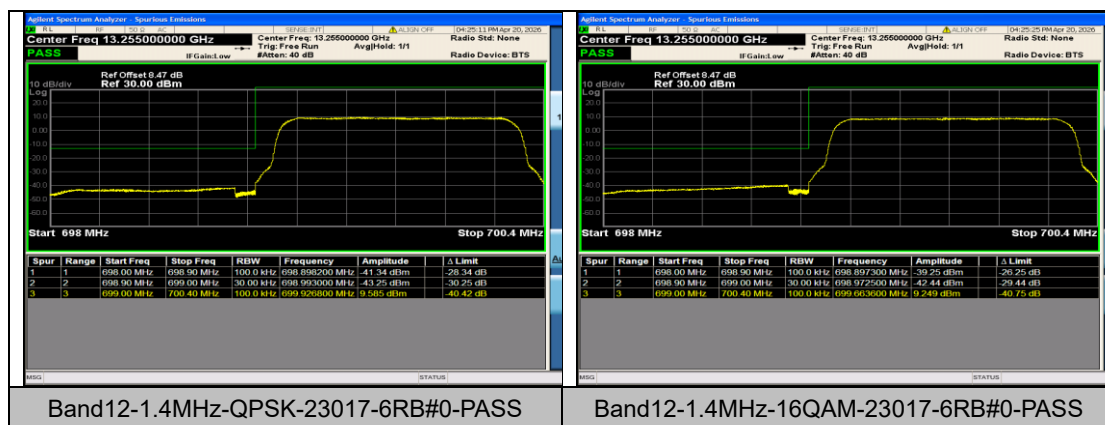


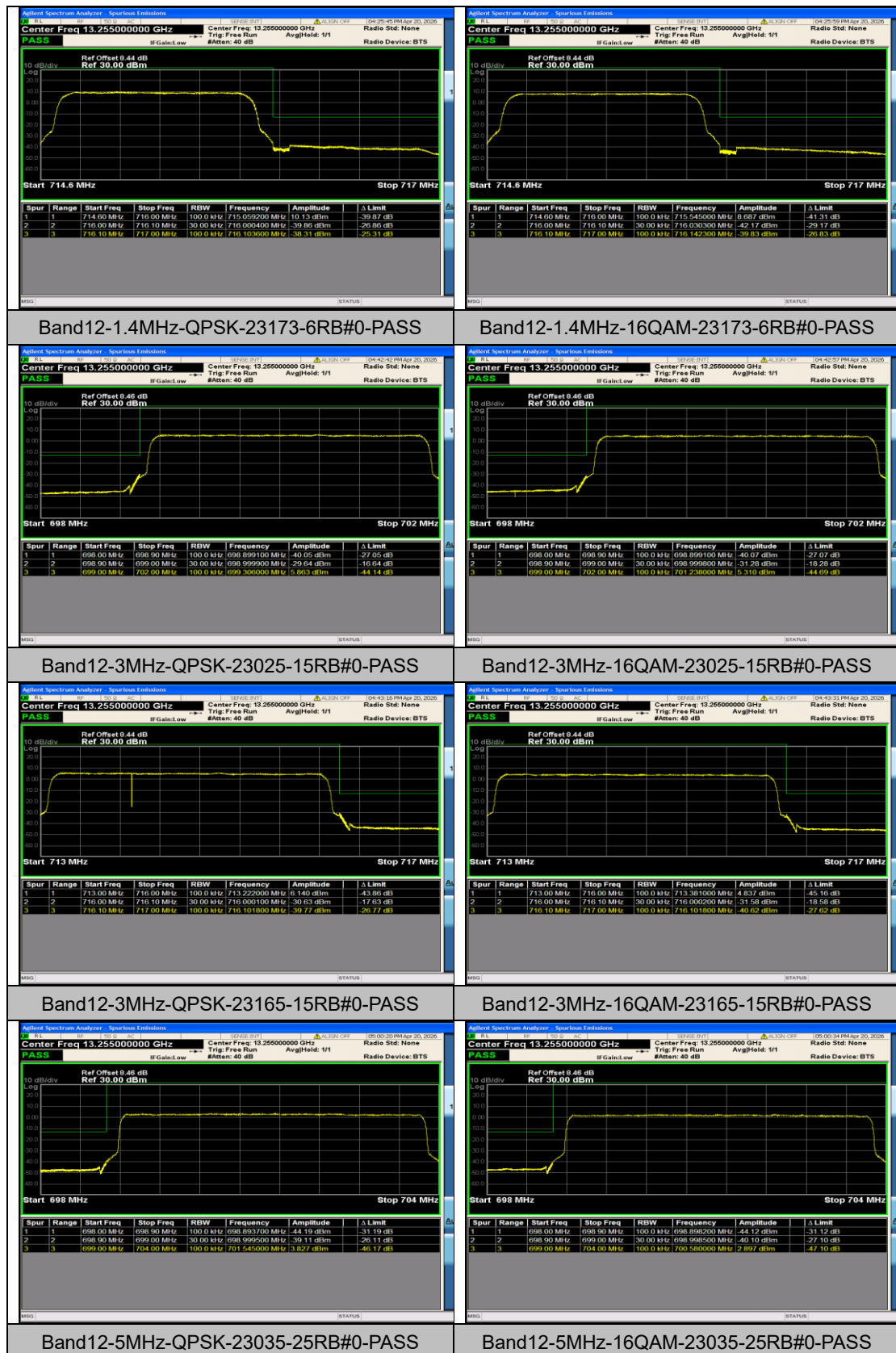
Appendix C: Band Edge

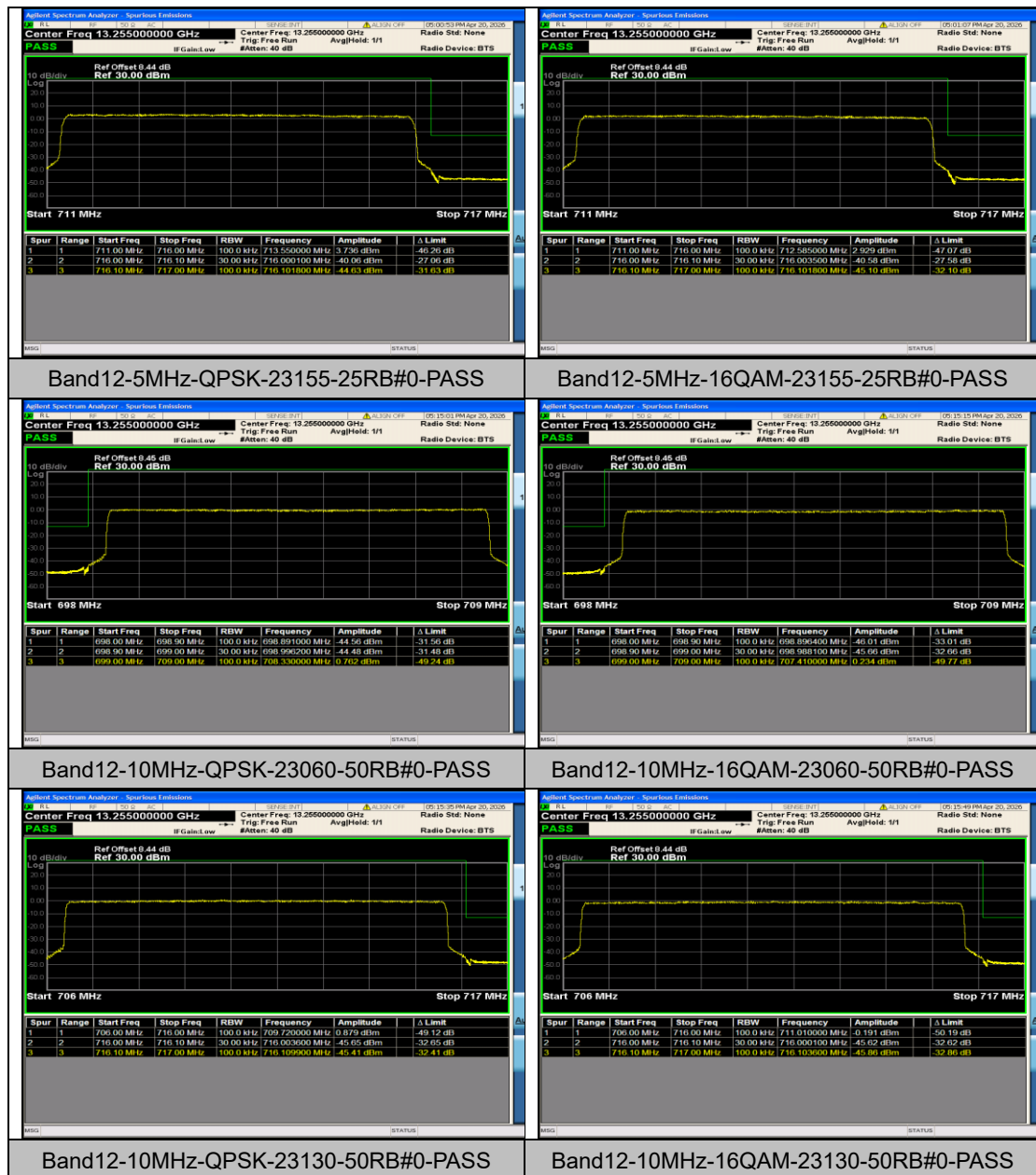
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-41.34	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-39.25	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-38.31	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-39.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.64	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.28	PASS
Band12	3MHz	QPSK	23165	15RB#0	-30.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.58	PASS
Band12	5MHz	QPSK	23035	25RB#0	-39.11	PASS
Band12	5MHz	16QAM	23035	25RB#0	-40.10	PASS
Band12	5MHz	QPSK	23155	25RB#0	-40.06	PASS
Band12	5MHz	16QAM	23155	25RB#0	-40.58	PASS
Band12	10MHz	QPSK	23060	50RB#0	-44.48	PASS
Band12	10MHz	16QAM	23060	50RB#0	-45.66	PASS
Band12	10MHz	QPSK	23130	50RB#0	-45.41	PASS
Band12	10MHz	16QAM	23130	50RB#0	-45.62	PASS

Test Graphs







Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-60.71	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-52.83	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-43.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-46.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-43.82	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-60.26	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-52.18	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-40.49	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-46.69	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-44.06	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-60.36	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-51.14	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-50.83	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-47.73	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-43.95	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-59.79	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-52.00	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-58.33	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-47.79	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-43.92	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-60.32	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-54.32	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-40.21	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-47.16	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-44.09	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-58.38	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-52.58	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-39.57	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-47.68	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-43.65	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-58.82	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-50.41	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-41.91	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-47.90	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-43.96	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-60.72	PASS

Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-53.56	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-40.51	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-47.85	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-44.15	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-58.91	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-52.83	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-55.78	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-48.03	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-44.09	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-60.32	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-52.56	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-57.30	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-47.78	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-43.98	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-59.68	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-53.26	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-37.45	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-47.66	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-43.84	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-60.32	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-51.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-40.11	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-47.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-43.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-60.48	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-51.31	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-41.76	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-48.03	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-44.16	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-60.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-52.40	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-42.22	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-48.09	PASS
Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.40	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-59.93	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-52.35	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-48.44	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-48.04	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-43.90	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-60.70	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-52.61	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-49.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-47.91	PASS

Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-44.21	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-60.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-53.29	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-41.02	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-48.00	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-43.63	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-59.44	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-50.06	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-42.97	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-48.16	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-44.09	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-59.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-53.05	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-41.90	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-48.07	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-43.82	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-60.36	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-50.44	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-44.66	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-47.89	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-43.71	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-59.83	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-51.82	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-42.88	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-47.97	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.89	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-60.87	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-51.06	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-45.11	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-47.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.84	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-59.63	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-52.08	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-41.41	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-47.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.39	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-60.49	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-52.02	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-42.72	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-47.76	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.73	PASS

Test Graphs

