

FCC&ISED LTE Band Test Data

FCC ID : 2BE8S-A1

IC : 33120-A1

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

HVIN(Model) : A1

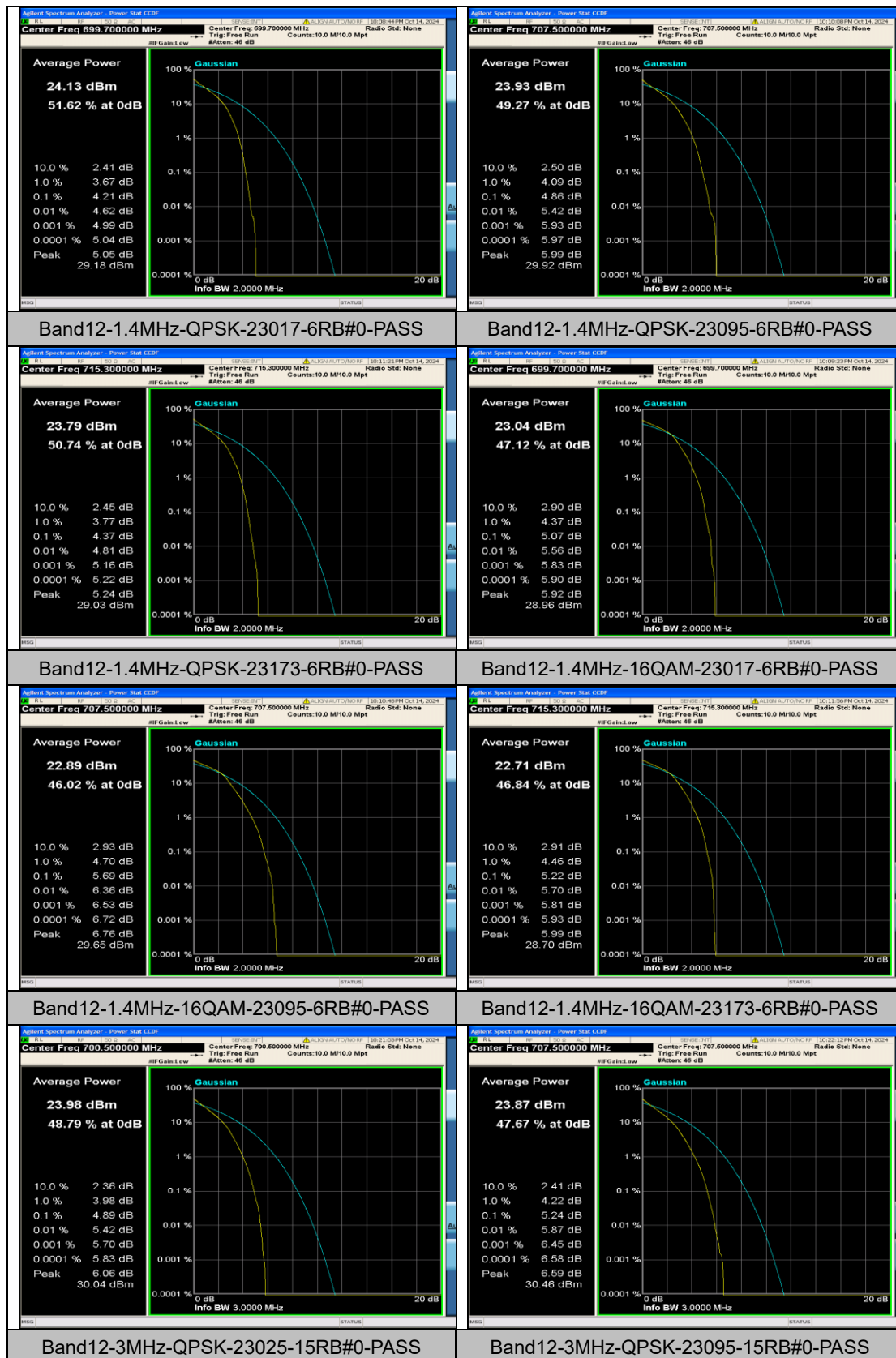
Reviewed By : Eric Wang

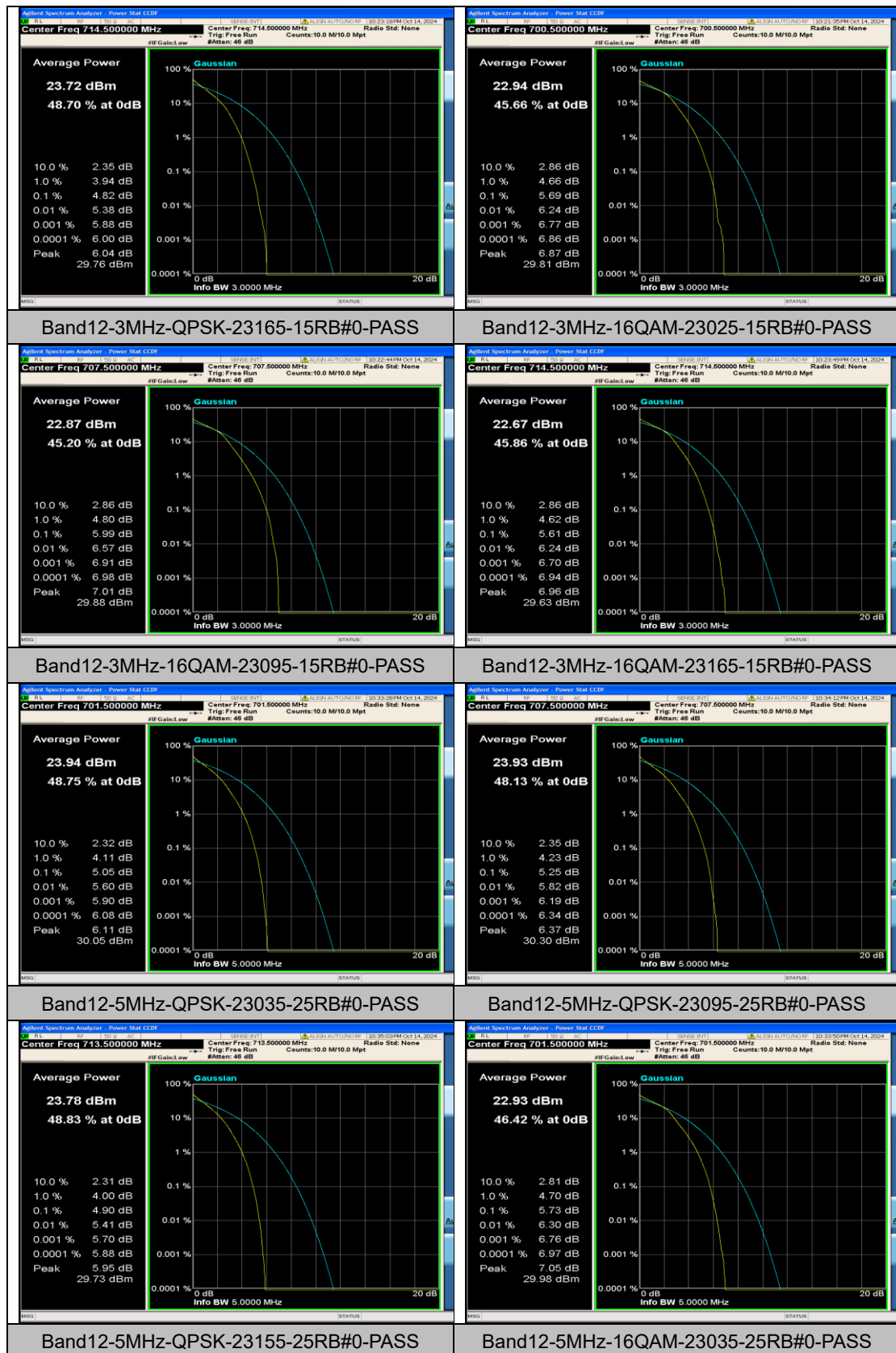
Appendix B: Peak-to-Average Ratio(CCDF)

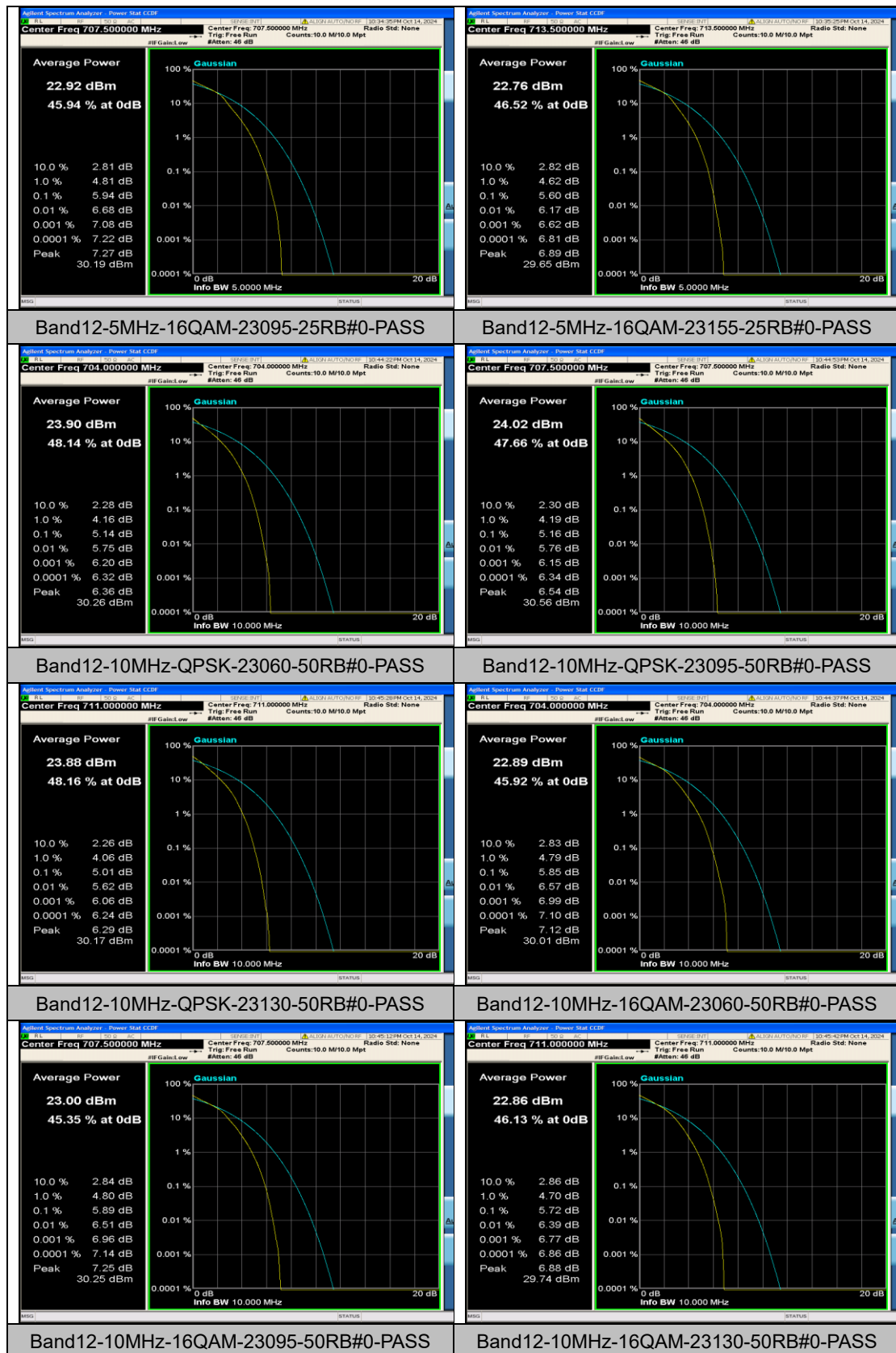
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.21	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.86	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.37	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.07	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.69	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.22	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.89	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.24	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.82	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.69	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.99	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.61	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.05	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.25	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.90	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.73	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.94	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.60	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.14	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.16	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.01	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.85	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.89	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.72	13	PASS

Test Graphs





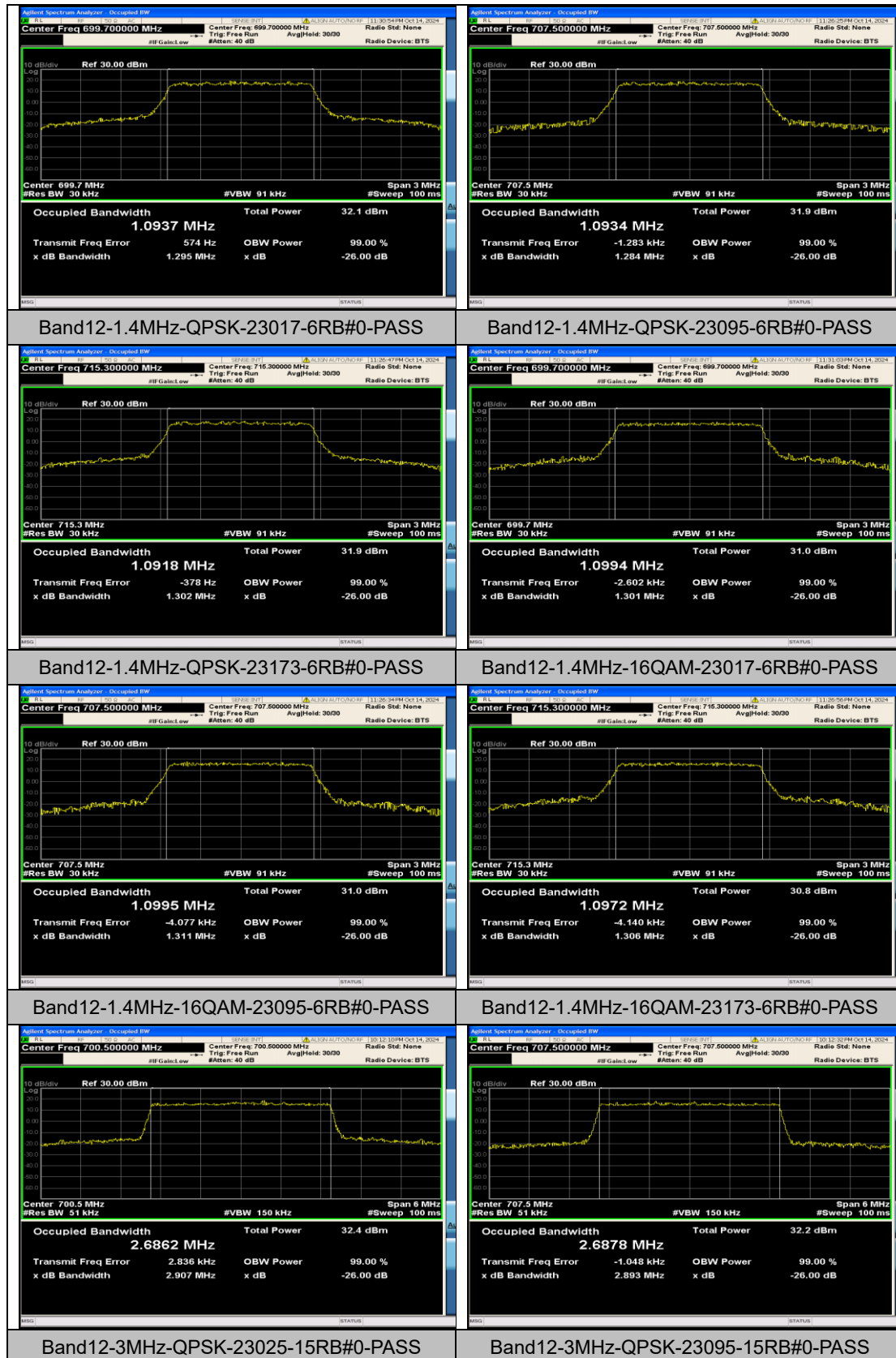


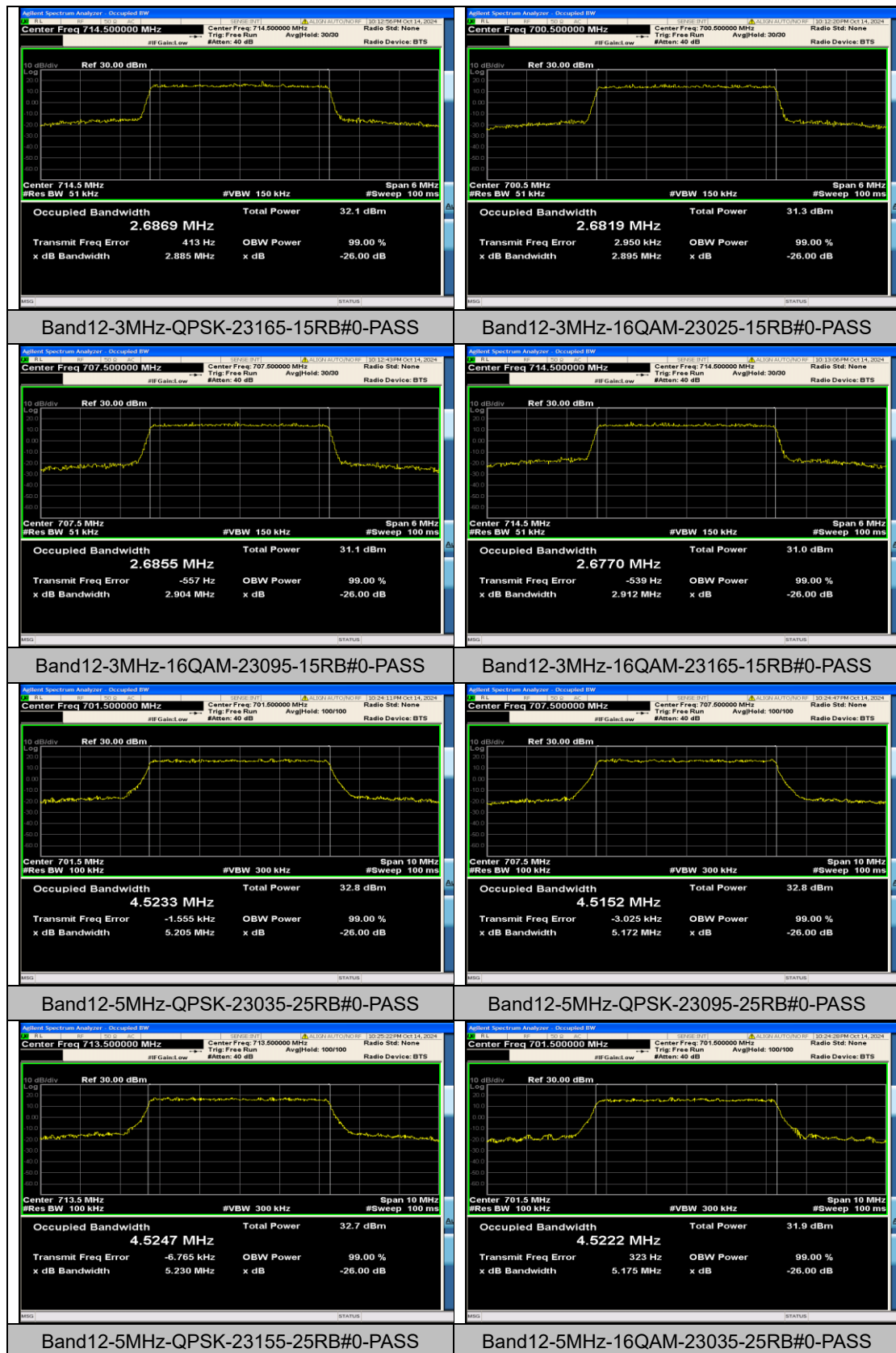
Appendix C: 26dB Bandwidth and Occupied Bandwidth

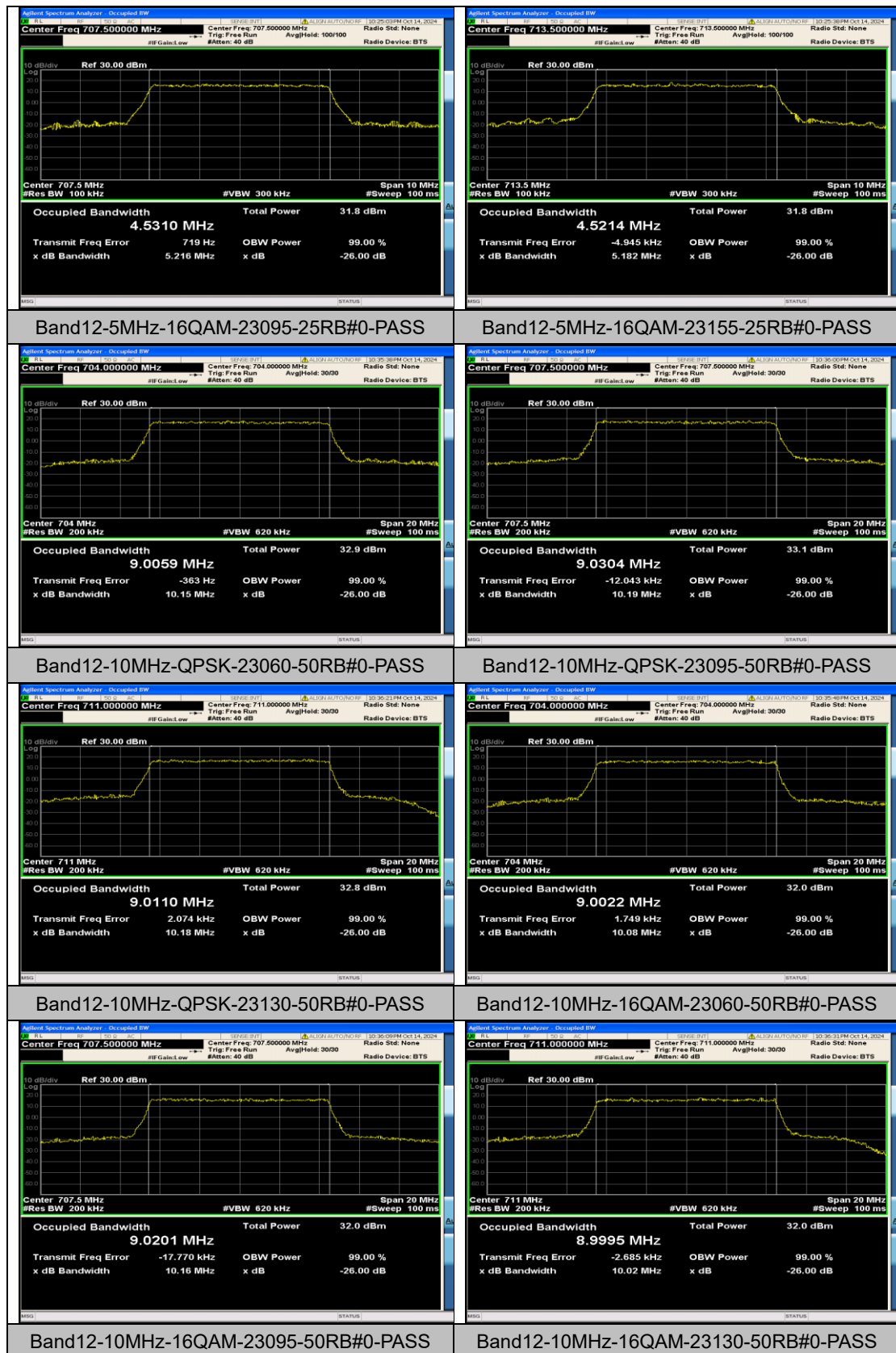
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0937	1.295	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0934	1.284	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0918	1.302	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0994	1.301	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0995	1.311	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0972	1.306	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6862	2.907	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6878	2.893	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6869	2.885	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6819	2.895	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6855	2.904	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6770	2.912	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5233	5.205	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5152	5.172	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5247	5.230	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5222	5.175	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5310	5.216	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5214	5.182	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0059	10.15	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0304	10.19	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0110	10.18	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0022	10.08	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0201	10.16	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9995	10.02	PASS

Test Graphs





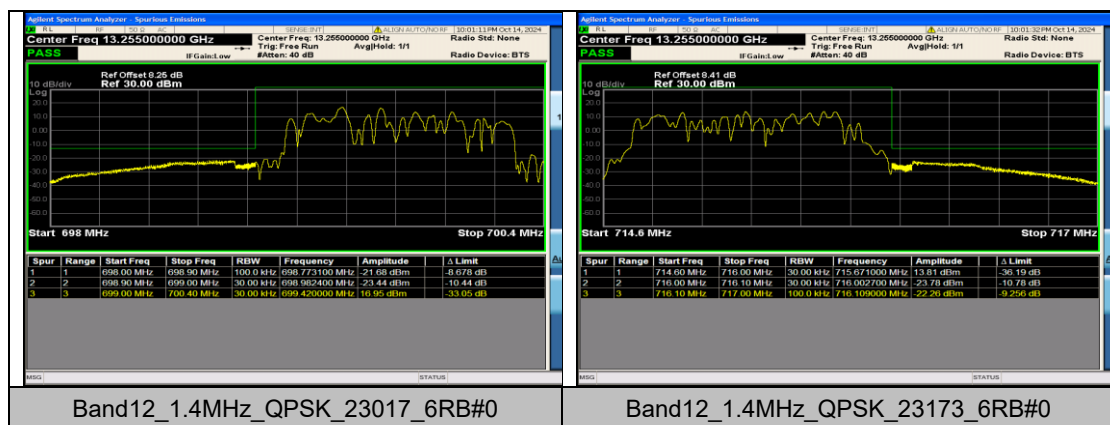


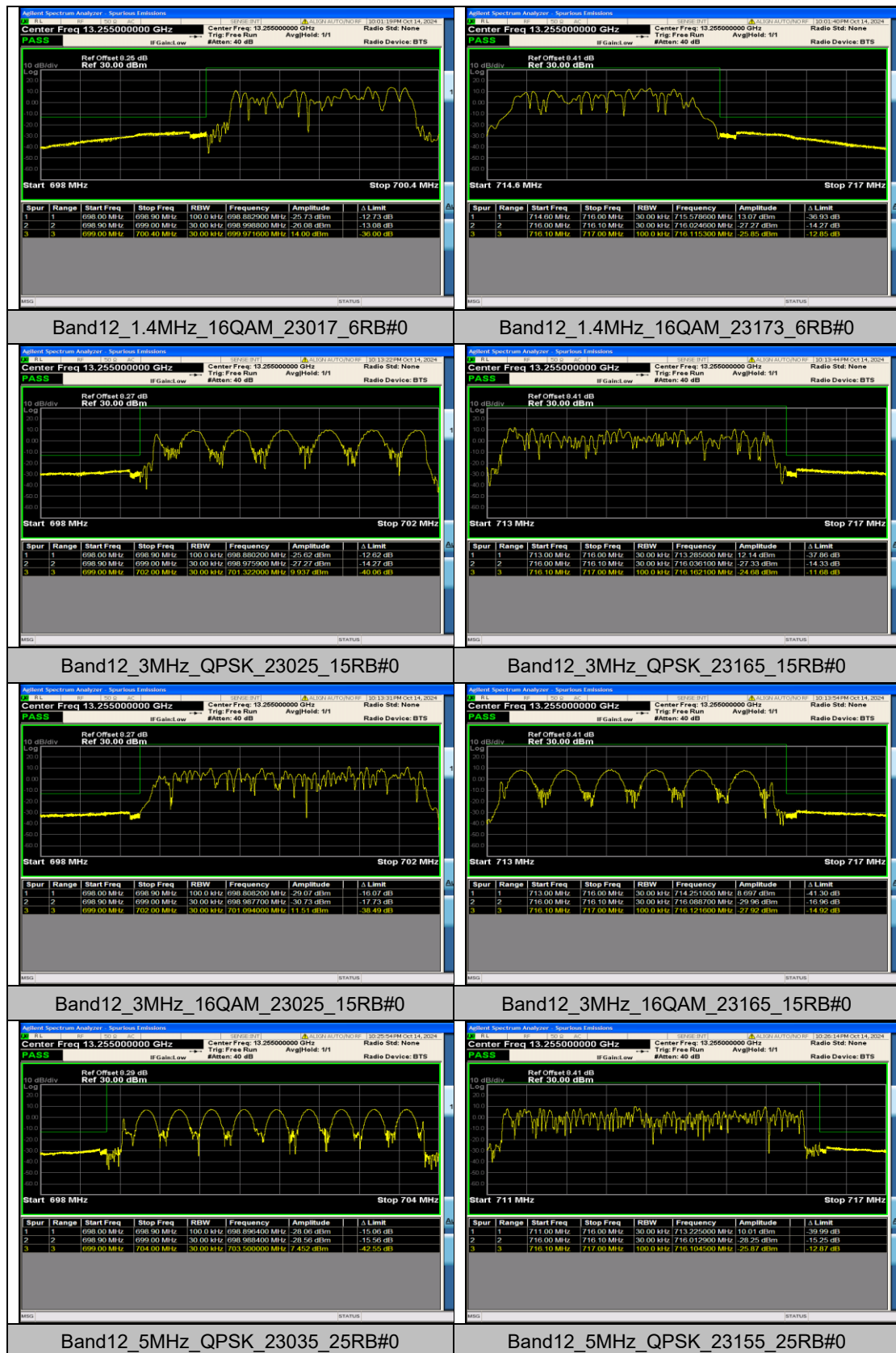
Appendix D: Band Edge

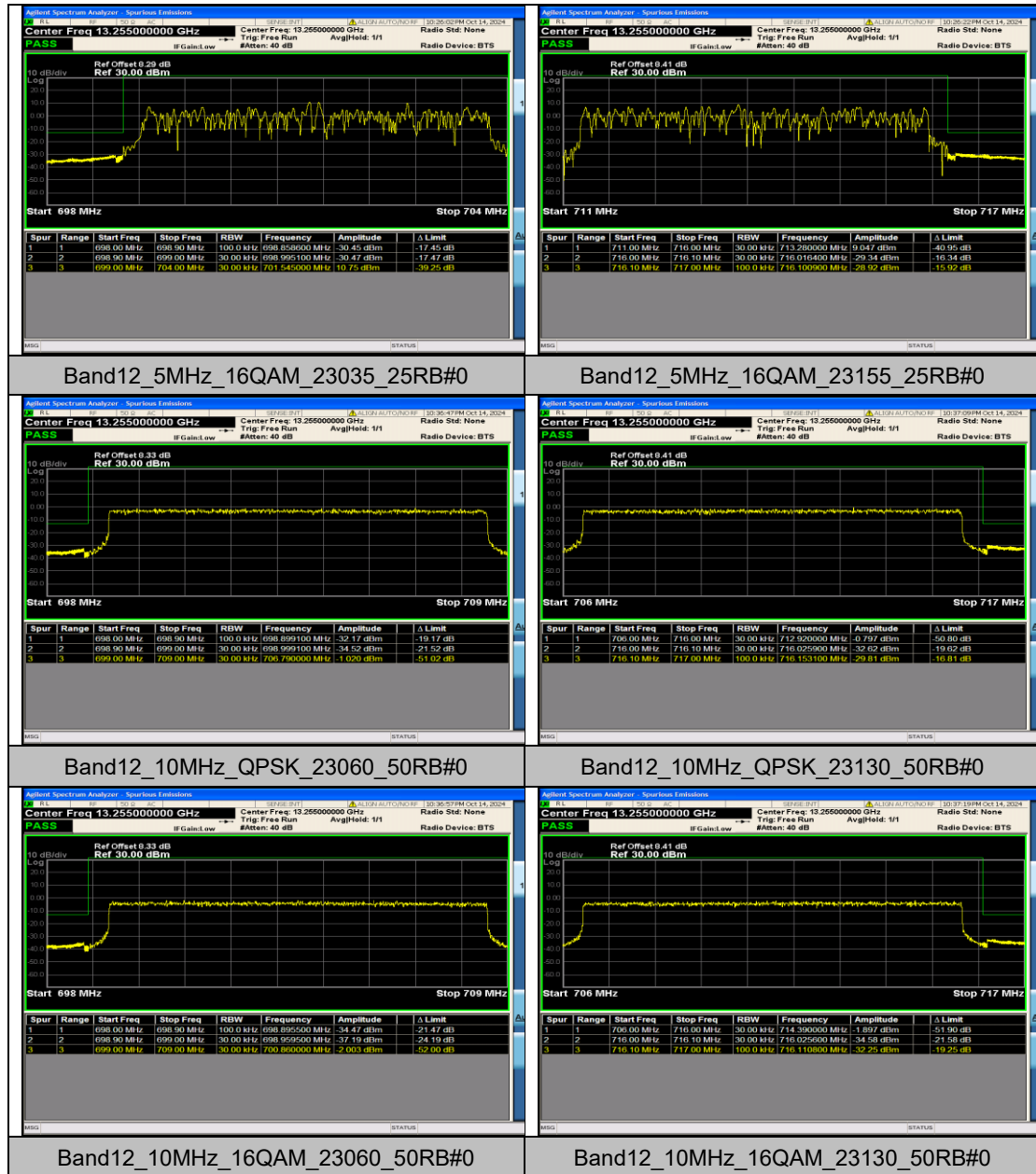
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-21.68	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.26	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-25.73	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-25.85	PASS
Band12	3MHz	QPSK	23025	15RB#0	-25.62	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	-29.07	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.92	PASS
Band12	5MHz	QPSK	23035	25RB#0	-28.06	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.87	PASS
Band12	5MHz	16QAM	23035	25RB#0	-30.45	PASS
Band12	5MHz	16QAM	23155	25RB#0	-28.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.17	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.81	PASS
Band12	10MHz	16QAM	23060	50RB#0	-34.47	PASS
Band12	10MHz	16QAM	23130	50RB#0	-32.25	PASS

Test Graphs







Appendix E: 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	-49.26	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-54.07	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-50.96	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-45.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-43.47	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-50.91	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-54.14	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-48.62	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-46.59	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-43.35	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-48.00	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-54.89	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-50.54	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-46.48	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-43.51	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-50.28	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-54.12	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-50.89	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-46.03	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-43.15	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-48.29	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-54.96	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-50.93	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-46.52	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-43.76	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-49.69	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-54.40	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-52.04	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-46.46	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-43.43	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-49.64	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-53.29	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-50.25	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-46.34	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-42.87	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-45.11	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-55.29	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-52.15	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-46.55	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-43.39	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-49.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-54.03	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-51.32	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-46.72	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-43.21	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-45.79	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-53.34	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-50.92	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-46.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-43.62	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-46.17	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-54.47	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-54.35	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-46.67	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-43.15	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-45.40	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-53.99	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-53.93	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-46.97	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-43.87	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-43.50	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-55.16	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-53.26	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-46.43	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-43.74	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-48.29	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-52.05	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-55.04	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-46.74	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-43.65	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-47.69	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-51.98	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-53.71	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-46.95	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-43.62	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-44.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-54.63	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-55.94	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-46.29	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.58	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-48.08	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-53.66	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-56.89	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-46.99	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-43.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-46.72	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-52.36	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-54.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-46.44	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-43.24	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-44.88	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-52.42	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-61.70	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-46.64	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-43.59	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-46.94	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-53.31	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-61.64	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-46.57	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-46.31	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-52.91	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-61.70	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-46.51	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.66	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-44.90	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-53.59	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-61.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-46.71	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-42.89	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-49.50	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-52.24	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-62.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-46.73	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.68	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-49.53	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-52.11	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-61.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-46.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.67	PASS

Test Graphs

