

FCC LTE Band Test Data

FCC ID : 2BM9D-S25ULTRA

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : S25 Ultra

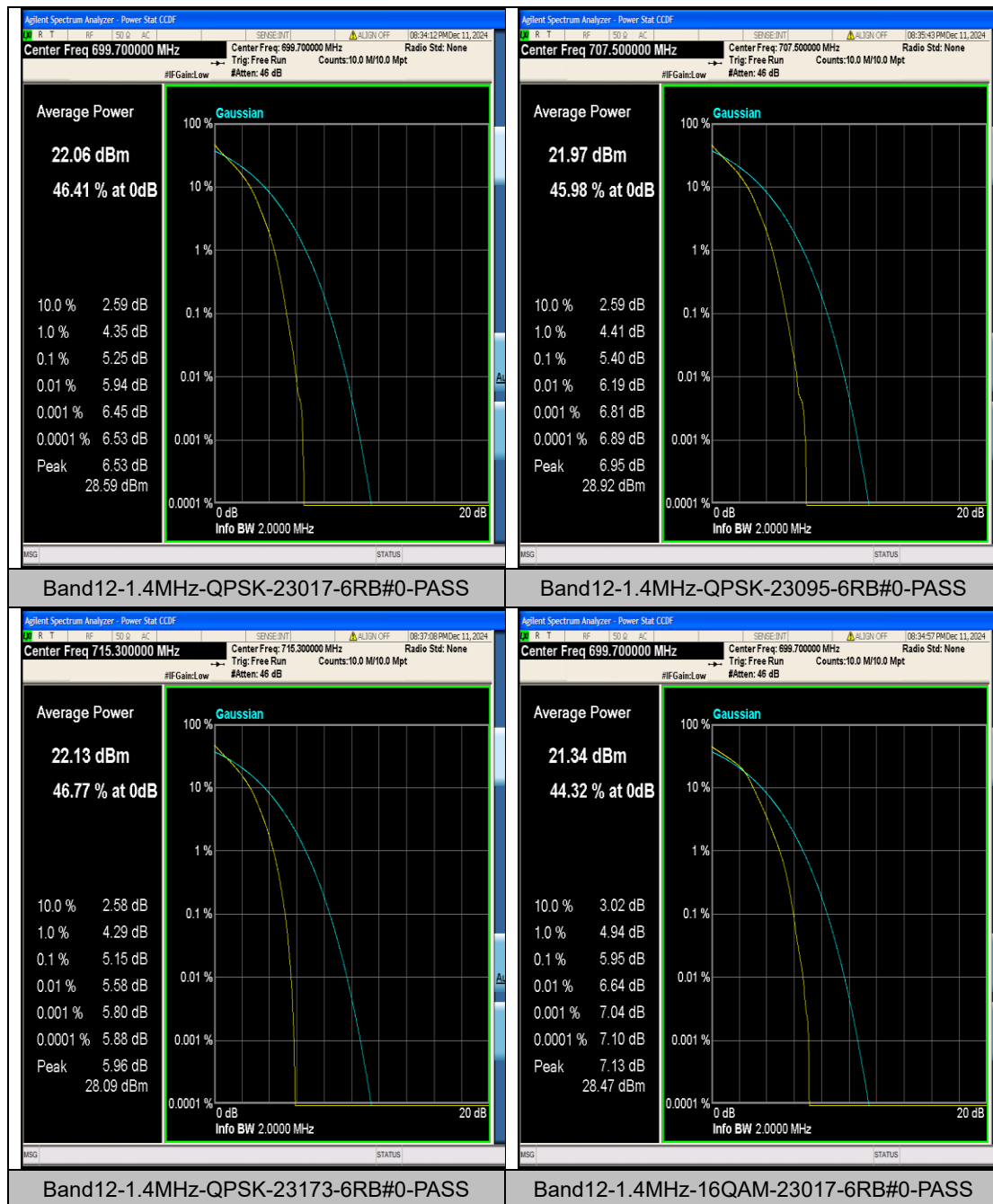
Reviewed By : Eric Wang

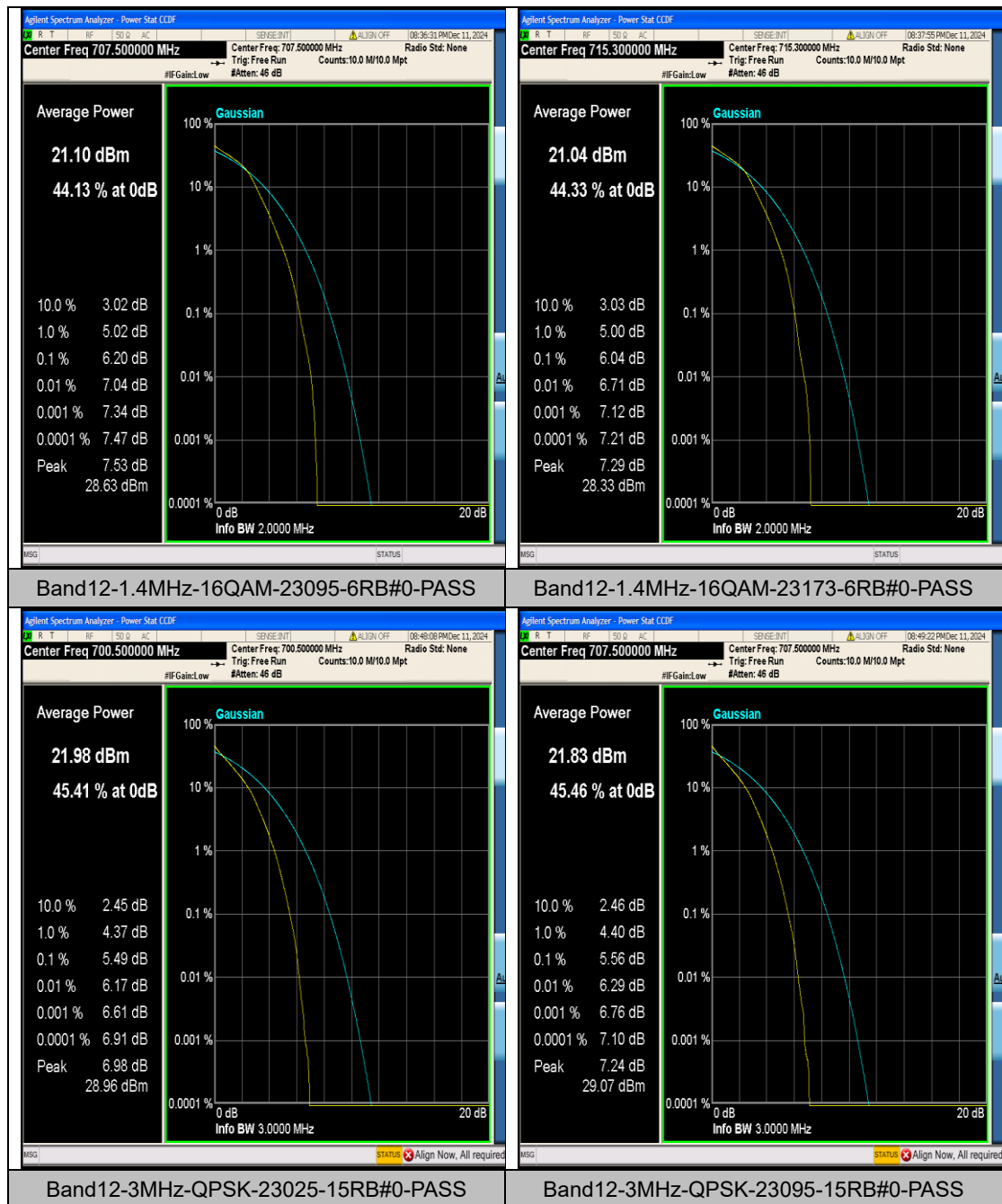
Appendix B: Peak-to-Average Ratio(CCDF)

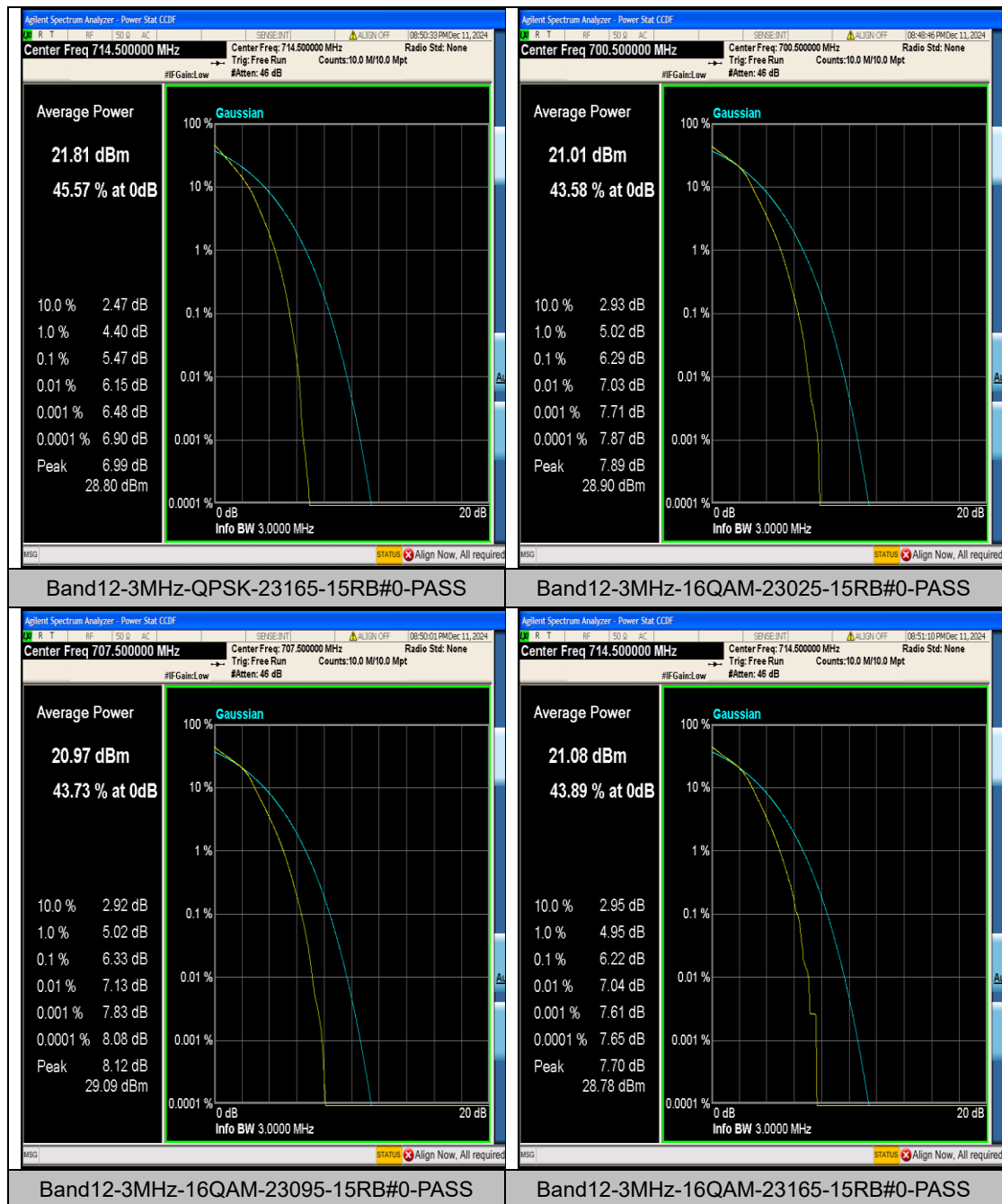
Test Result

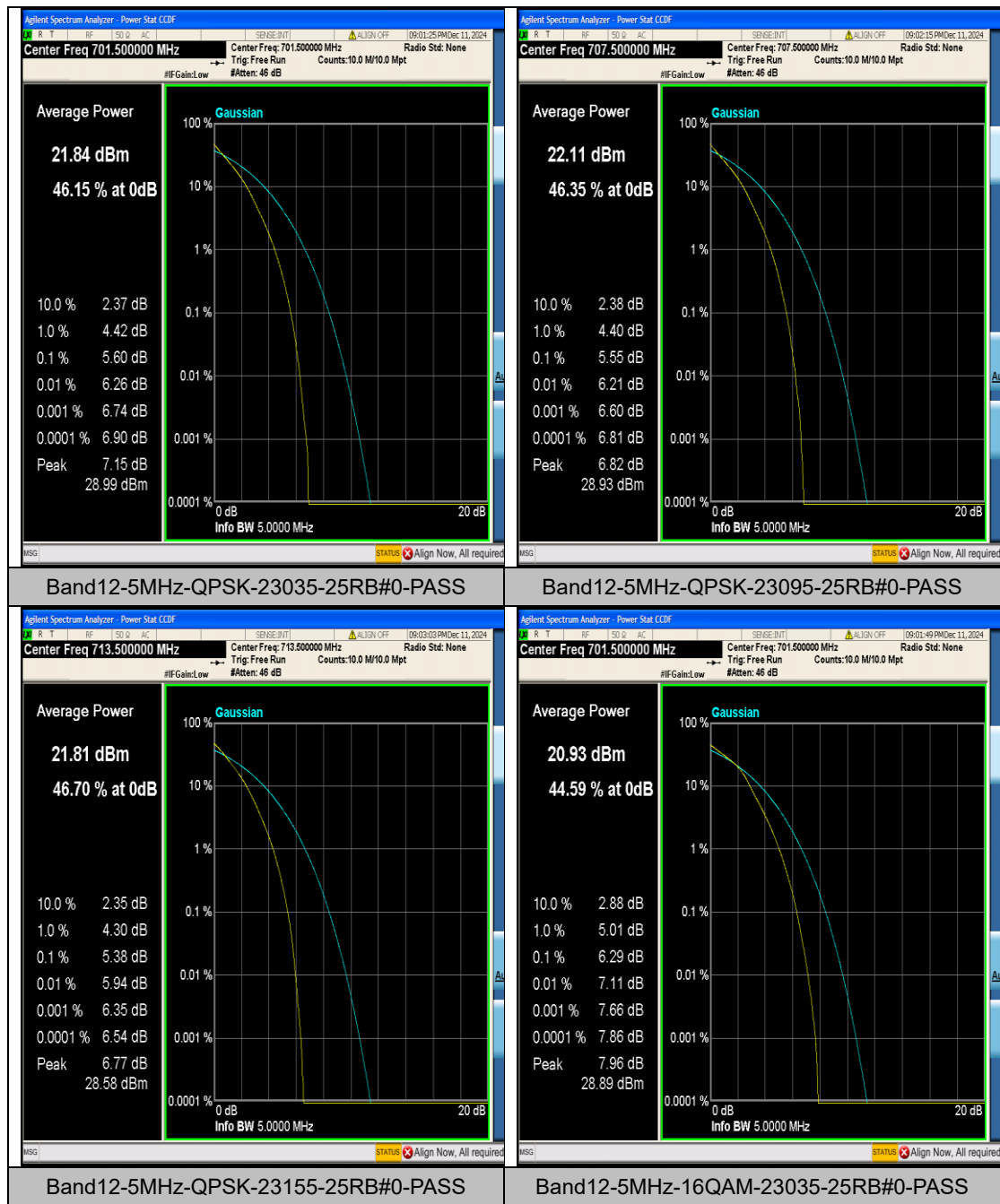
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.25	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.40	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.15	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.95	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.20	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.04	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.49	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.56	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.47	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.29	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.33	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.22	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.60	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.55	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.38	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.29	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.22	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.00	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.58	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.51	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.28	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.28	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.19	13	PASS

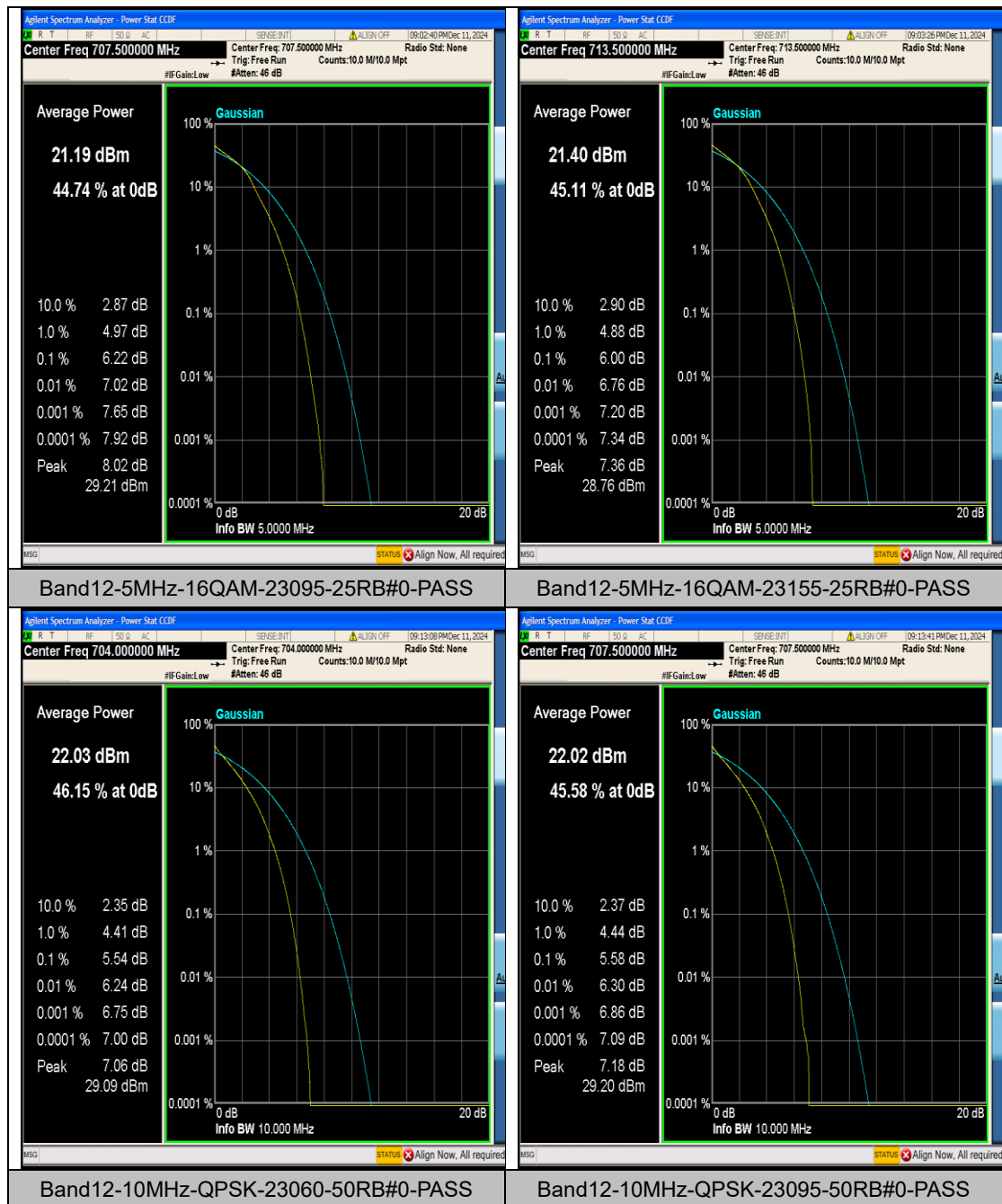
Test Graphs

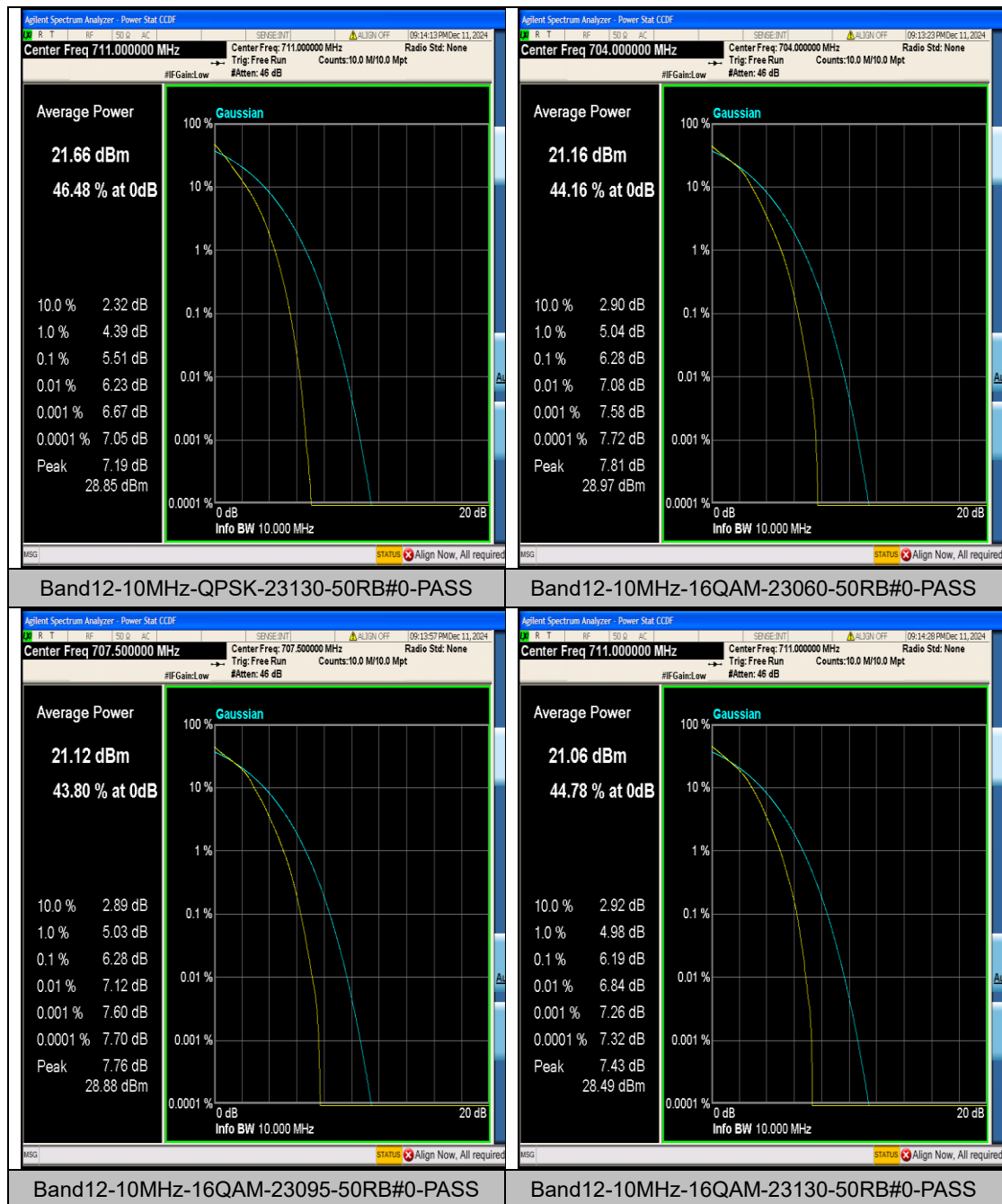










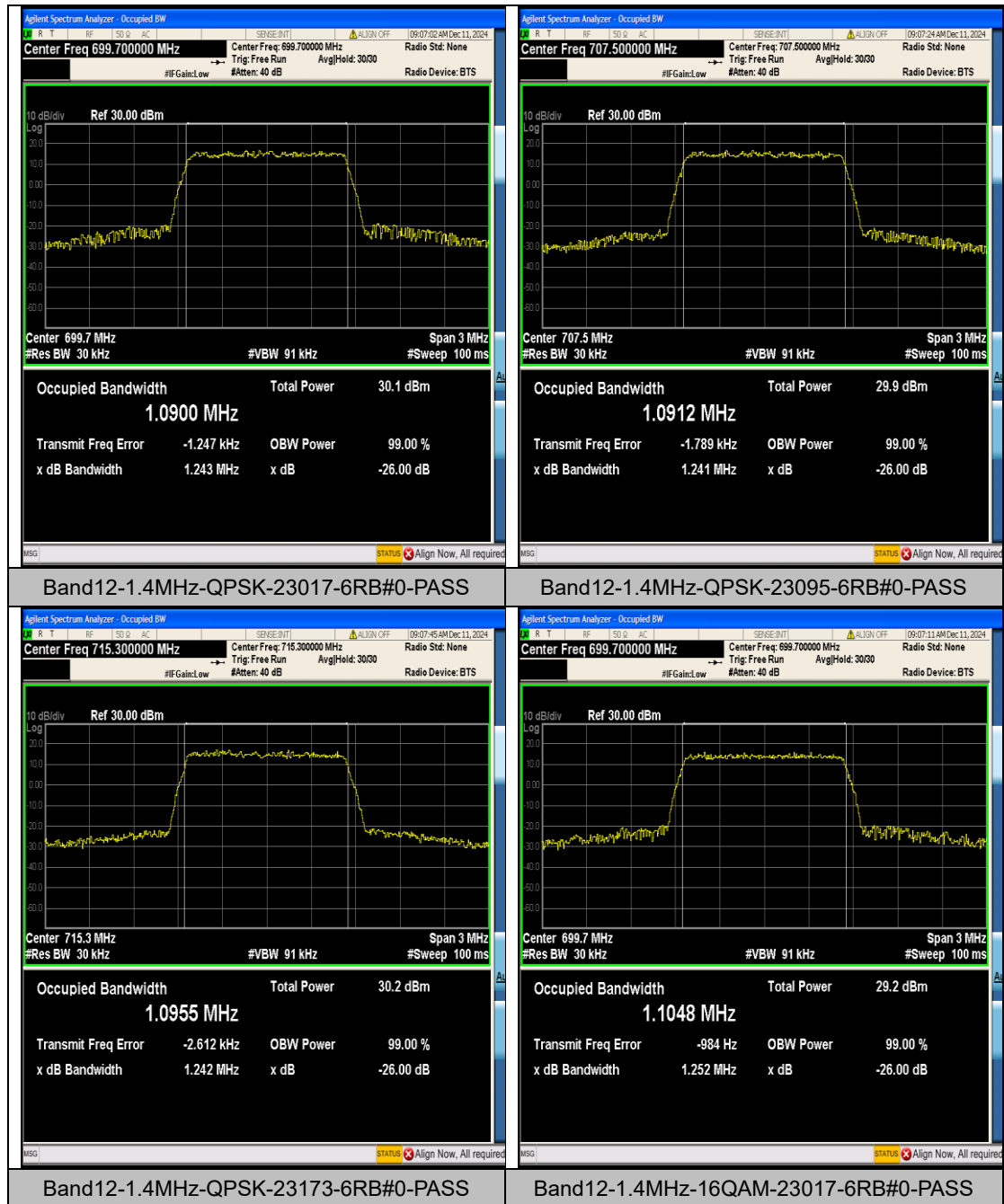


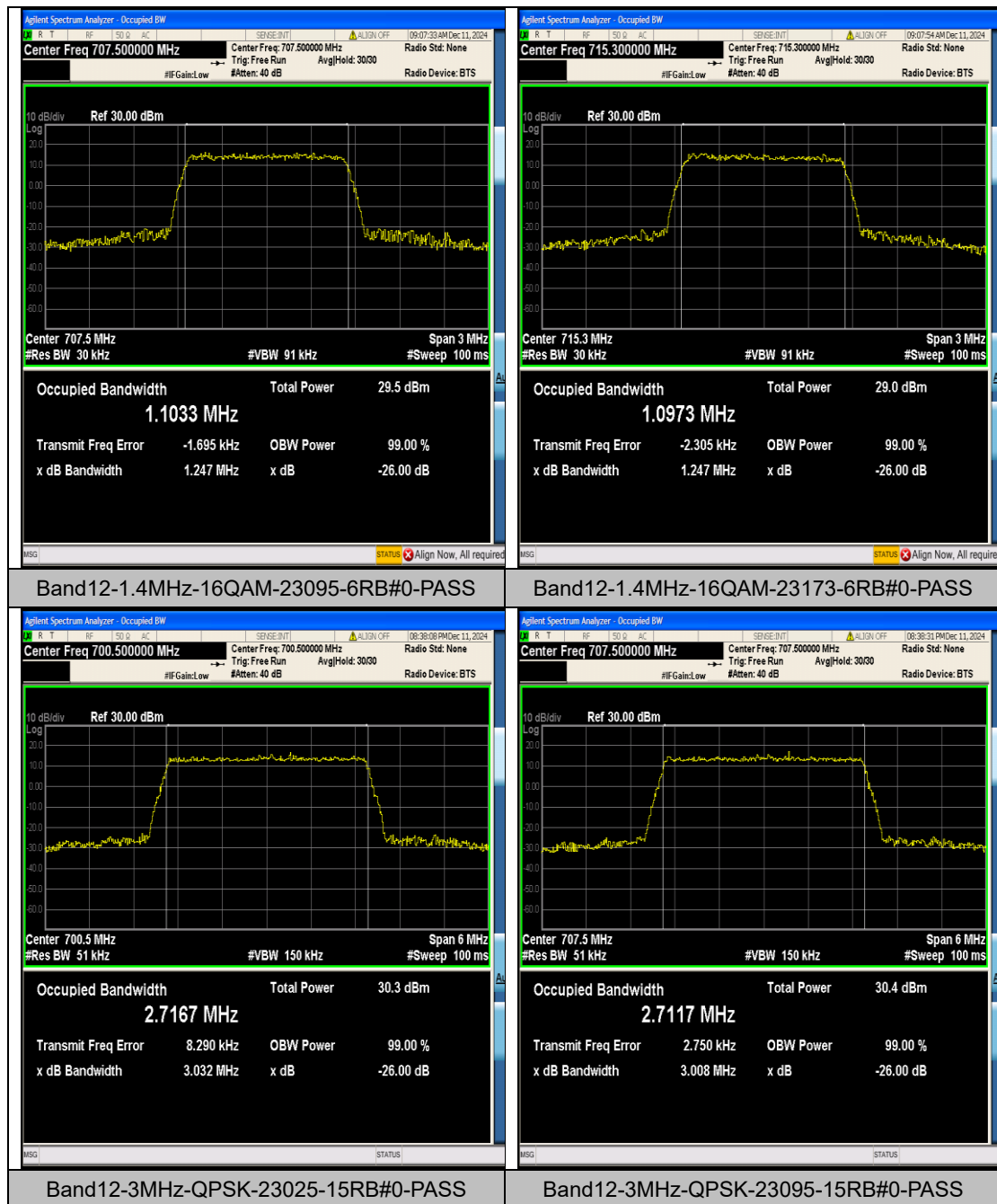
Appendix C: 26dB Bandwidth and Occupied Bandwidth

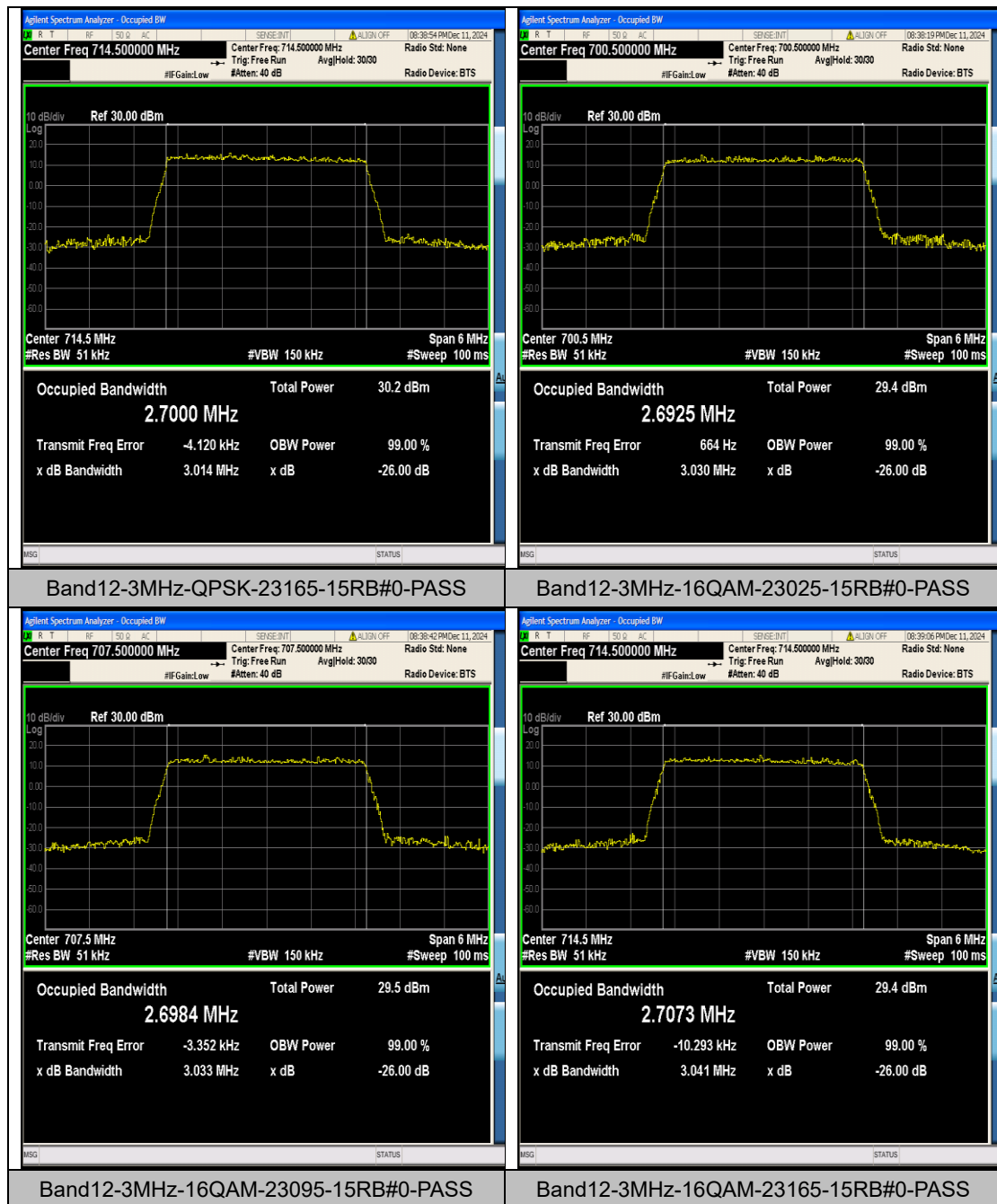
Test Result

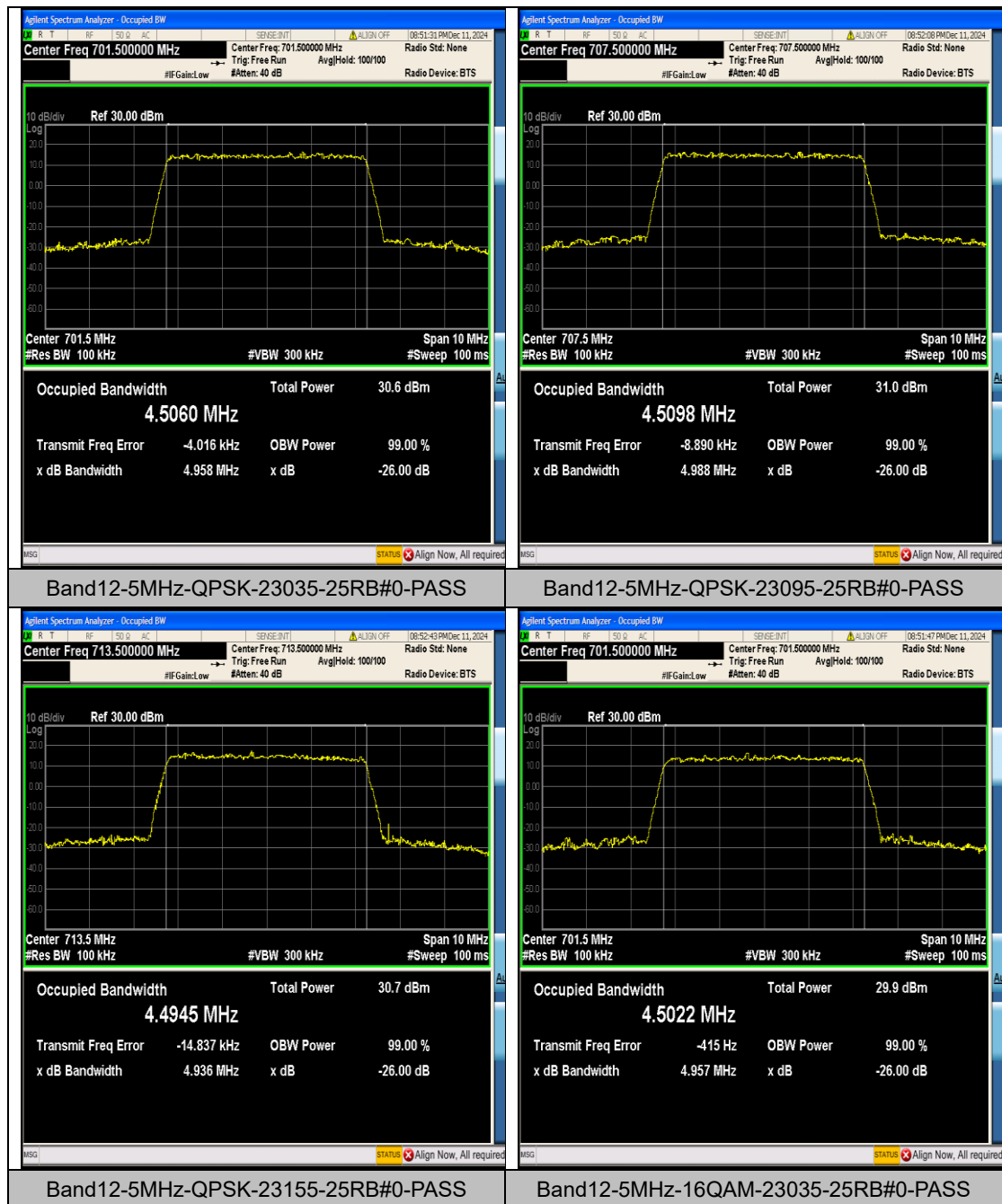
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0900	1.243	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0912	1.241	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0955	1.242	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1048	1.252	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1033	1.247	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0973	1.247	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7167	3.032	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7117	3.008	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7000	3.014	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6925	3.030	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6984	3.033	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7073	3.041	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5060	4.958	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5098	4.988	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4945	4.936	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5022	4.957	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5124	4.948	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4948	4.974	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9905	9.893	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0084	9.914	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9733	9.904	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9800	9.889	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9968	9.909	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9852	9.906	PASS

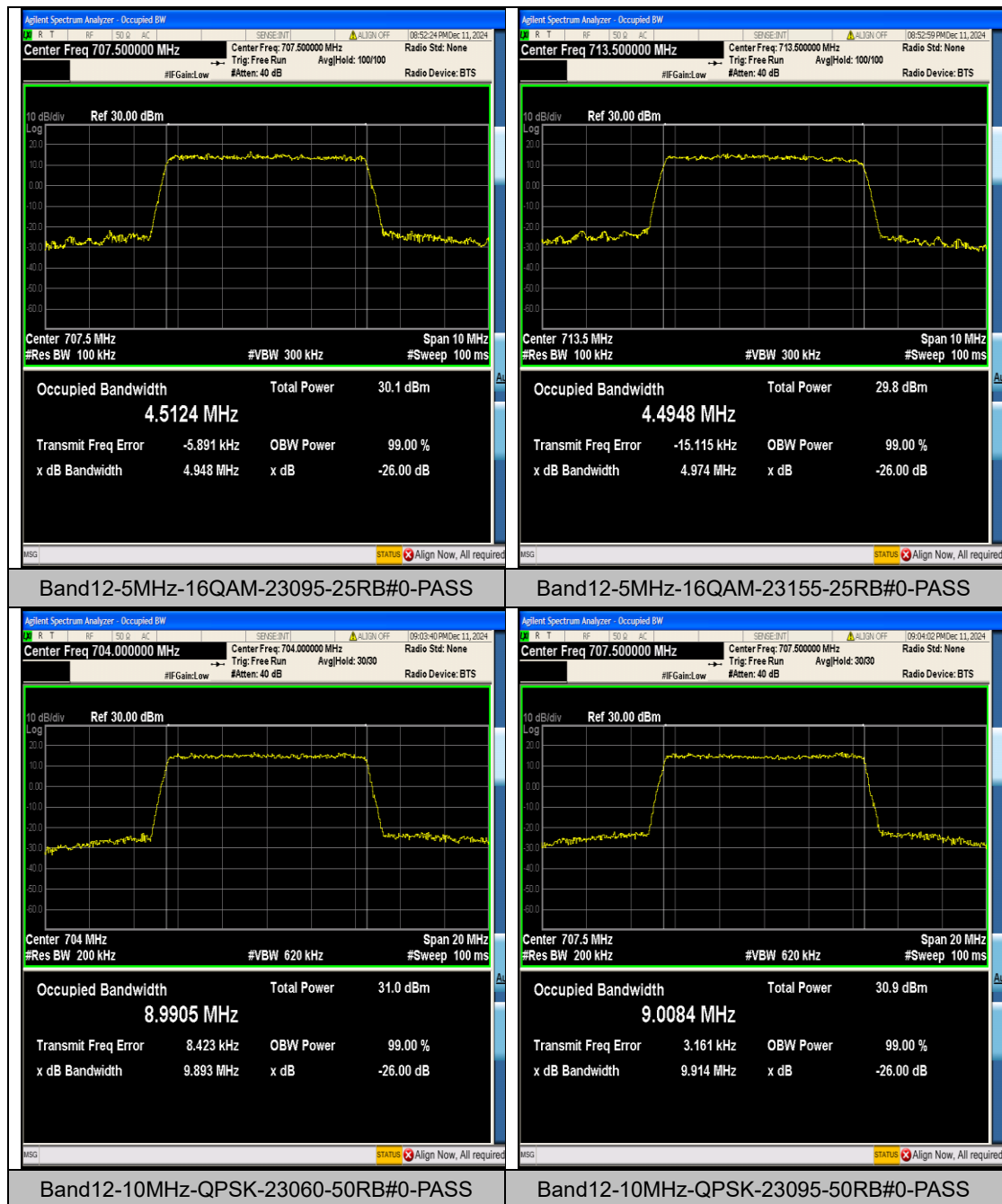
Test Graphs

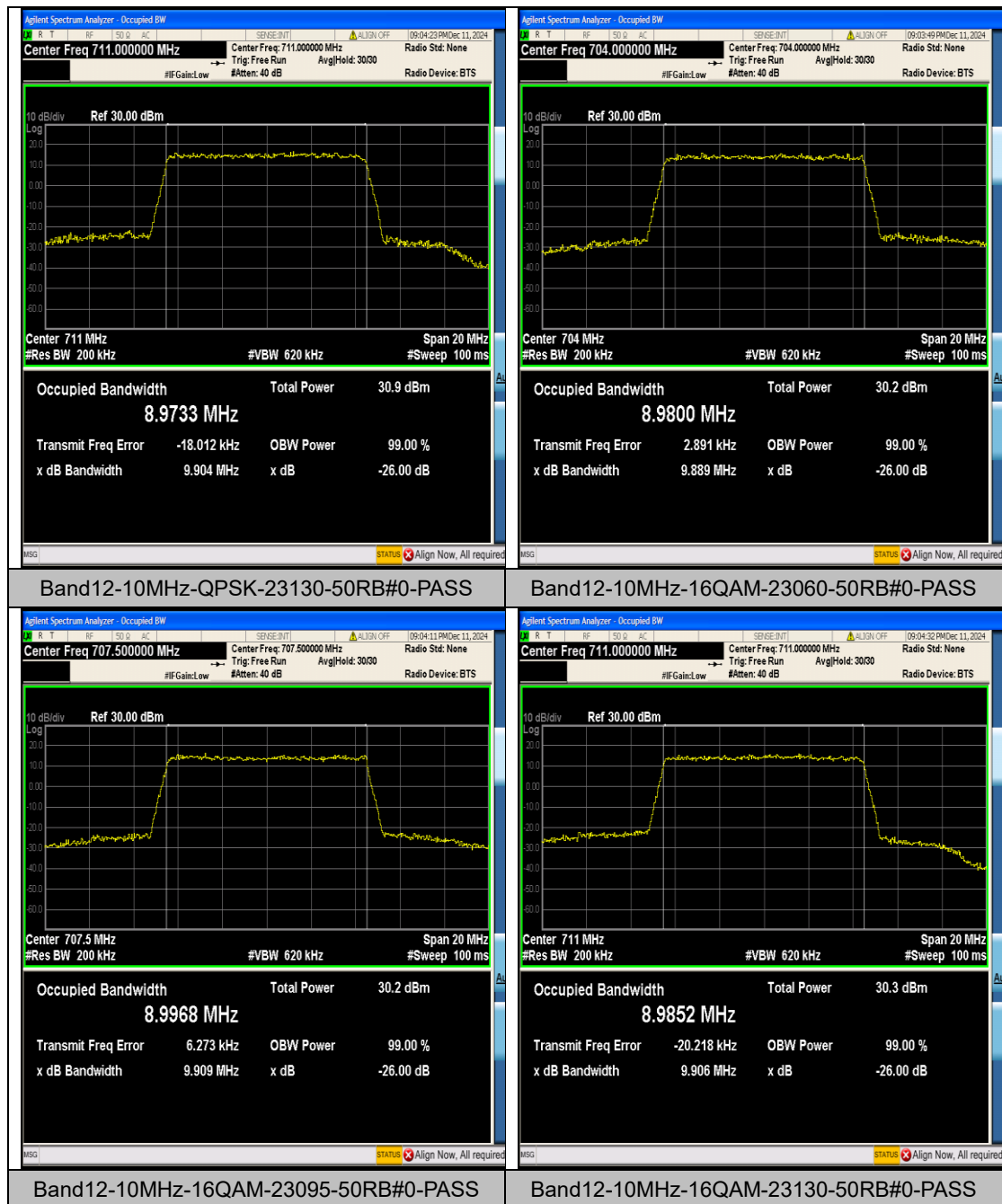










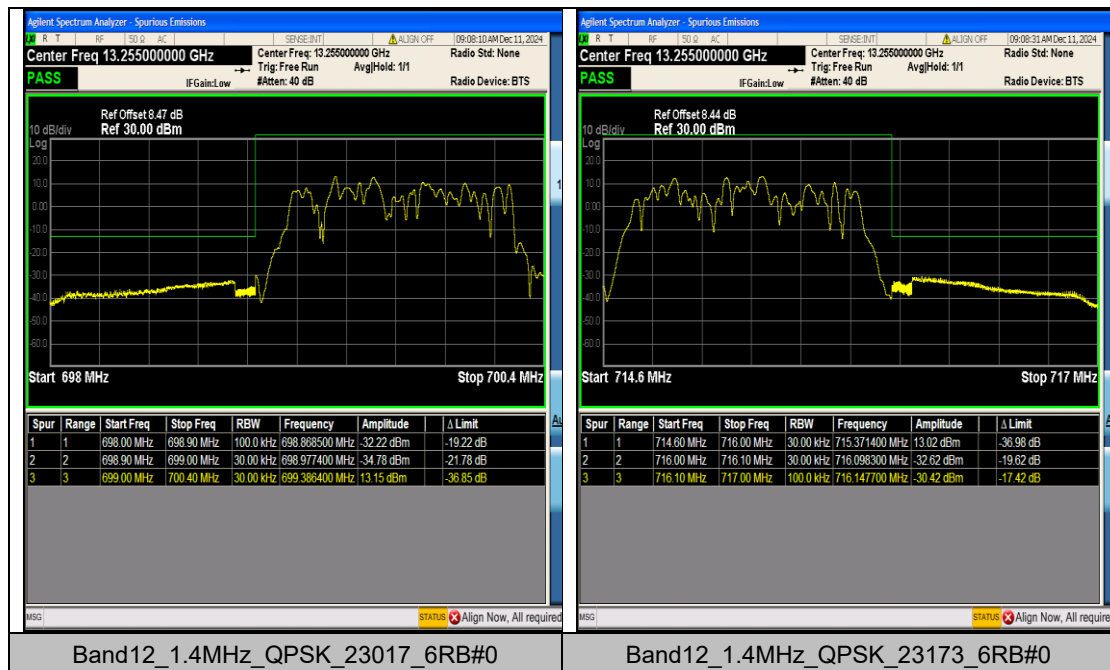


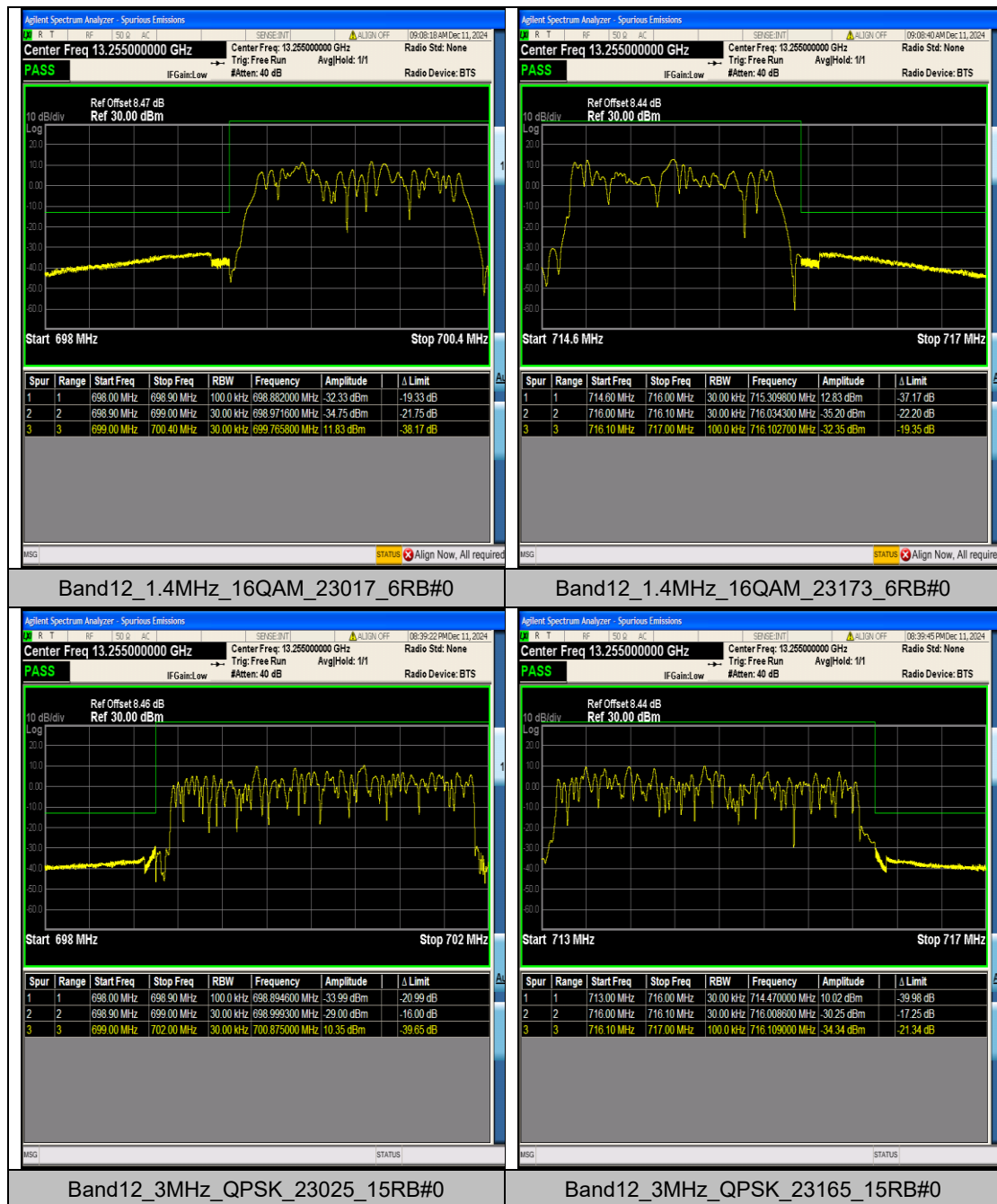
Appendix D: Band Edge

Test Result

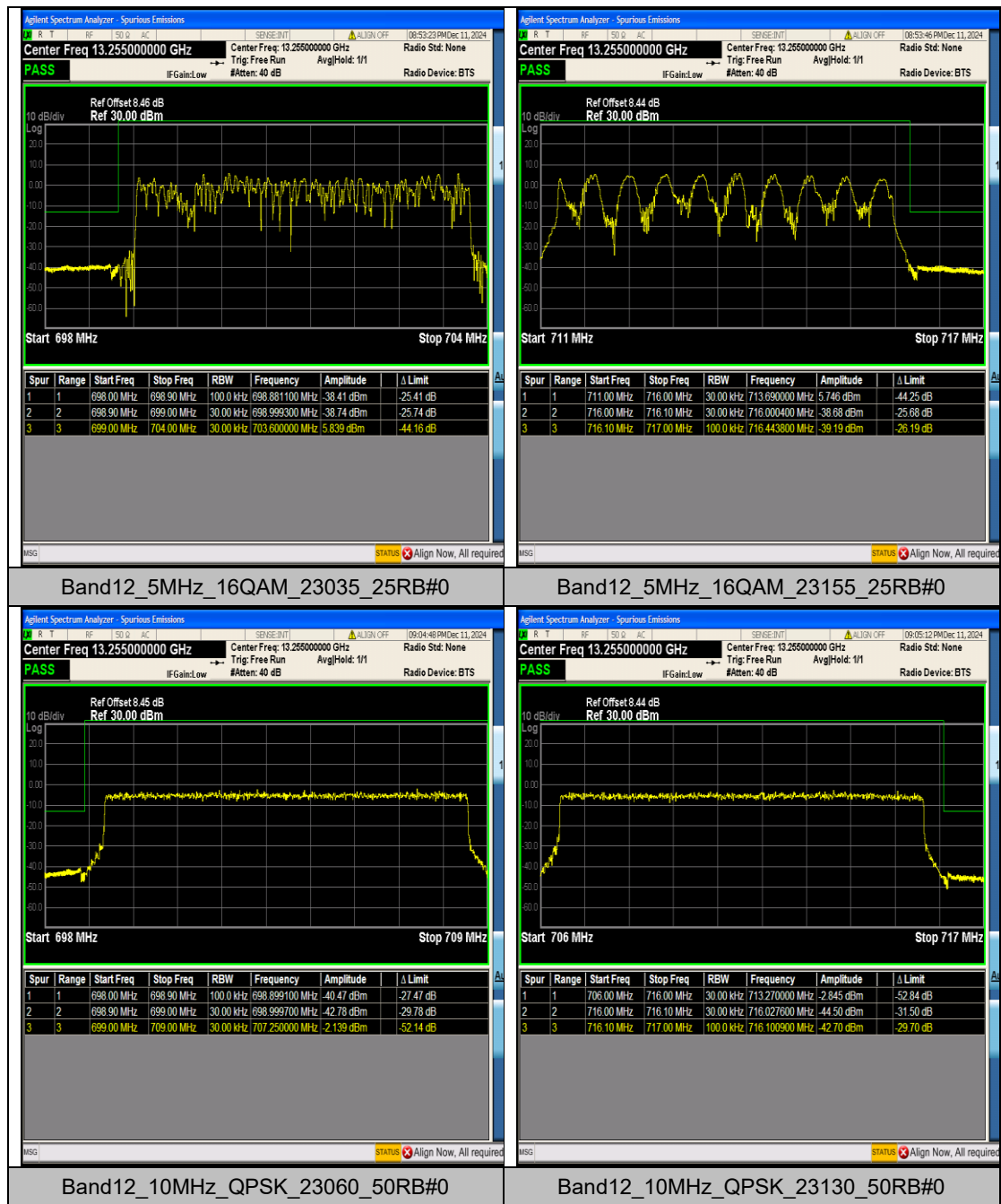
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-32.22	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-30.42	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.33	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.35	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.00	PASS
Band12	3MHz	QPSK	23165	15RB#0	-30.25	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.35	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.44	PASS
Band12	5MHz	QPSK	23035	25RB#0	-37.49	PASS
Band12	5MHz	QPSK	23155	25RB#0	-37.86	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.41	PASS
Band12	5MHz	16QAM	23155	25RB#0	-38.68	PASS
Band12	10MHz	QPSK	23060	50RB#0	-40.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	-42.70	PASS
Band12	10MHz	16QAM	23060	50RB#0	-41.42	PASS
Band12	10MHz	16QAM	23130	50RB#0	-42.51	PASS

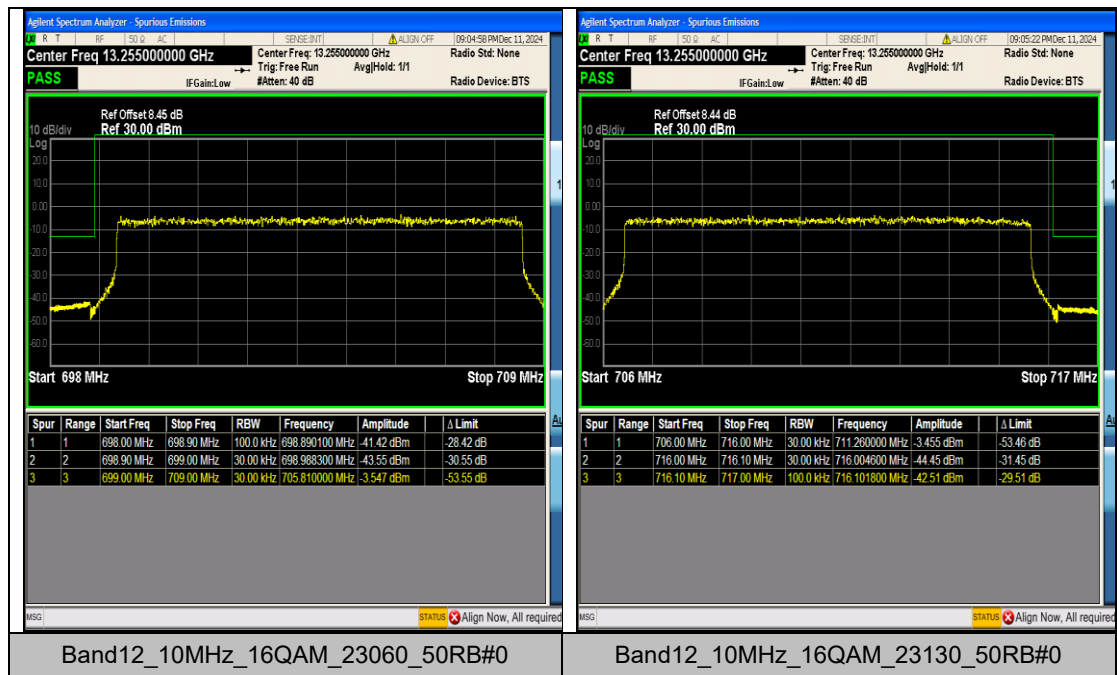
Test Graphs











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	-45.20	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-53.02	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-55.54	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-44.81	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-42.11	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-42.79	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-52.23	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-53.32	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-43.65	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-41.50	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-44.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-52.85	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-50.84	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-42.85	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-39.33	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-43.75	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-51.90	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-55.07	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-35.34	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-43.57	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-43.03	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-53.02	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-54.37	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-43.80	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-42.20	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-42.15	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-54.11	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-52.63	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-44.29	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-38.39	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-41.23	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-53.62	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-52.48	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-32.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-42.61	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-44.41	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-53.03	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-52.47	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-33.36	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-43.06	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-42.99	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-53.31	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-51.52	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-33.79	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-40.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-38.73	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-53.14	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-55.23	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-33.15	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-43.27	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-38.11	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-53.57	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-54.35	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-34.07	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-43.67	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-39.93	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-53.75	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-54.13	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-34.59	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-40.60	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-43.69	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-53.19	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-55.68	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-34.09	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-43.46	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-39.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-54.66	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-56.35	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-34.58	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-43.52	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-37.40	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-53.87	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-53.56	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-35.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-42.29	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-41.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-53.42	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-58.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-34.58	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.27	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-42.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-53.11	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-58.21	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-35.13	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-43.49	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-42.99	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-53.27	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-55.68	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-35.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-43.05	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-42.22	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-53.94	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-61.60	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-39.81	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-43.60	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-44.54	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-52.17	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-61.35	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-39.02	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-40.69	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-53.18	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-61.46	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-39.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.14	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-44.32	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-54.60	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-61.81	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-39.36	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-43.54	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-43.08	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-54.67	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-61.43	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-39.46	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.58	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-38.86	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-53.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-61.73	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-39.72	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.58	PASS

Test Graphs

