

FCC LTE Band Test Data

FCC ID : 2BM9D-RENO12PRO

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : Reno12 Pro

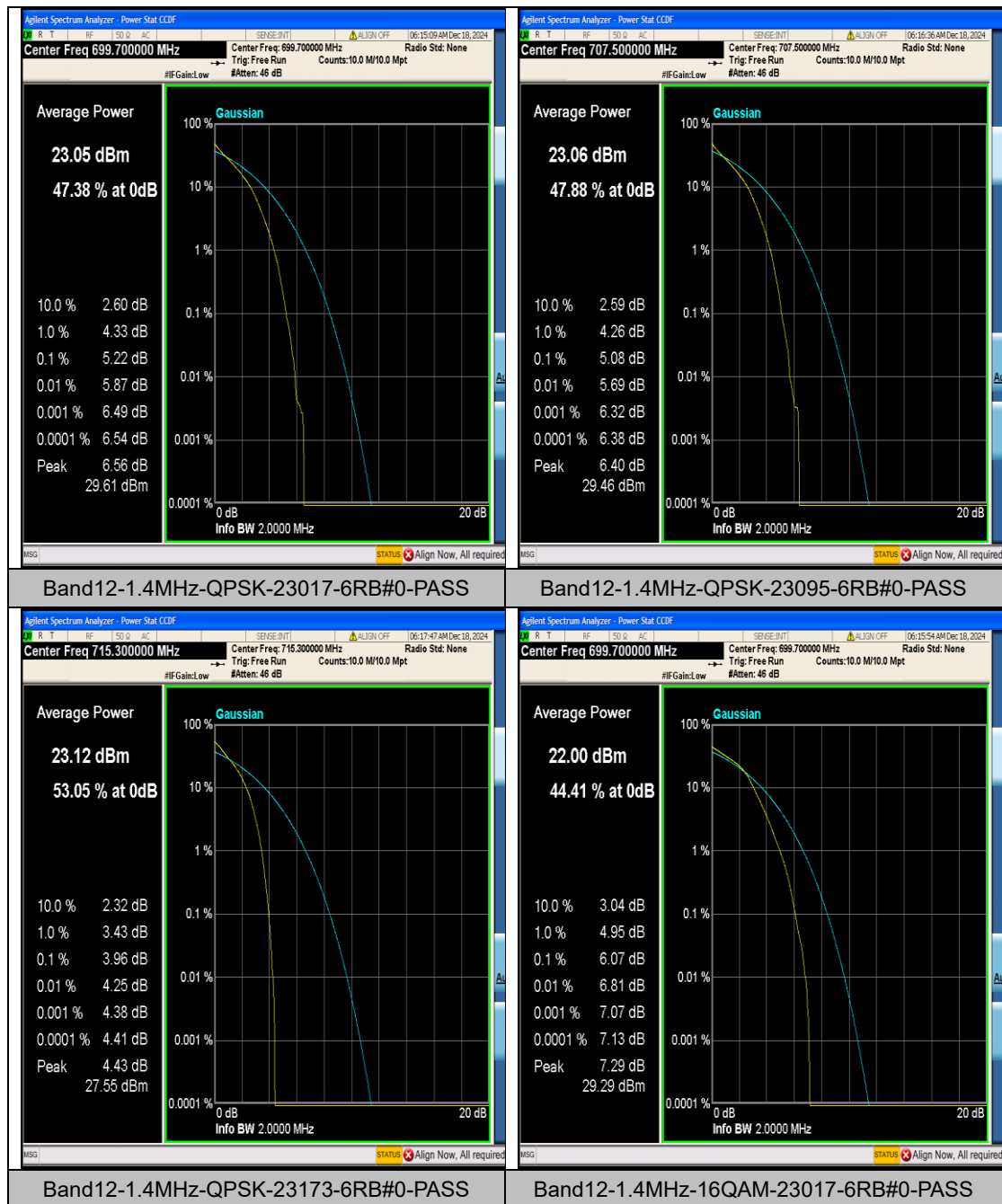
Reviewed By : Eric Wang

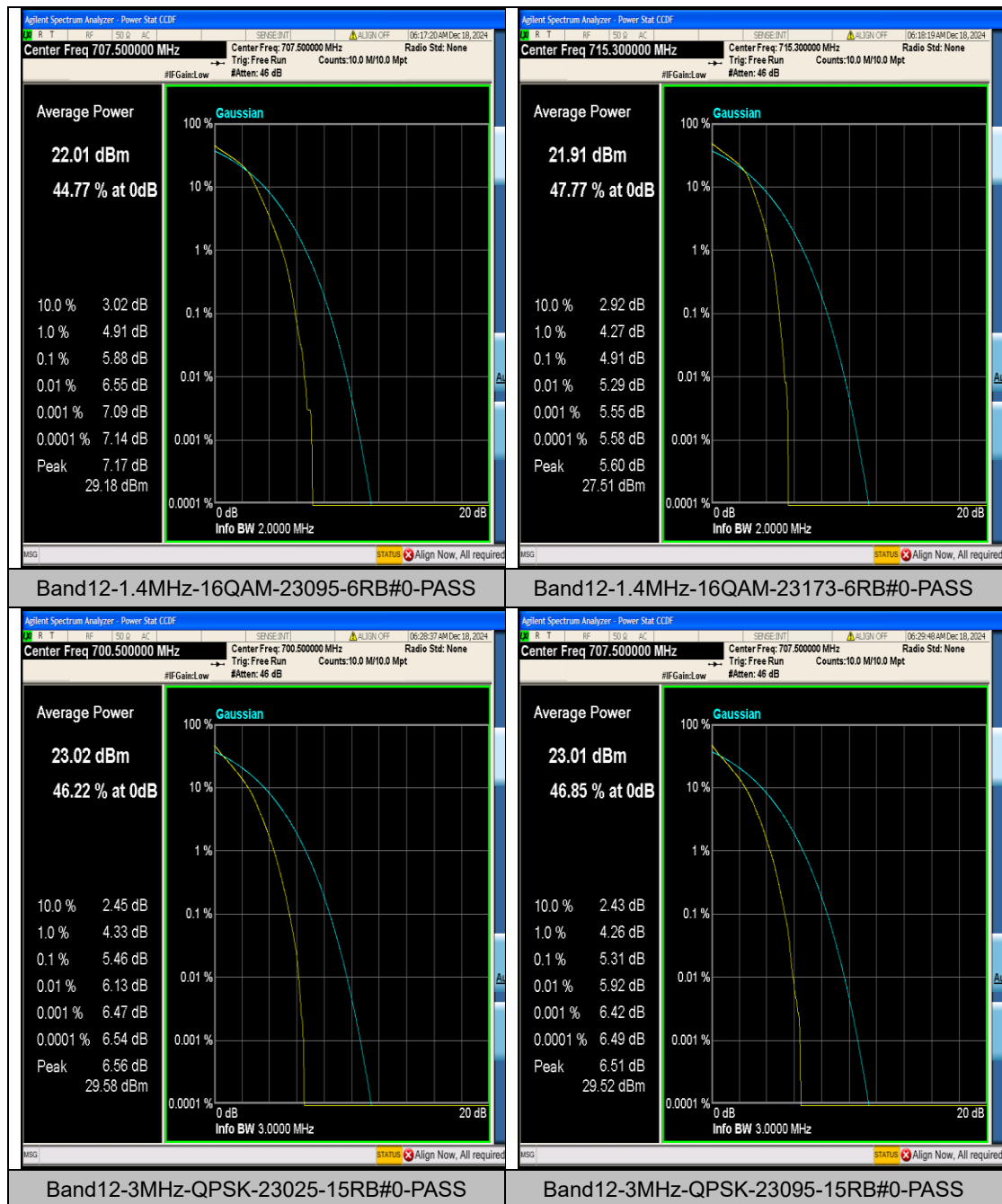
Appendix B: Peak-to-Average Ratio(CCDF)

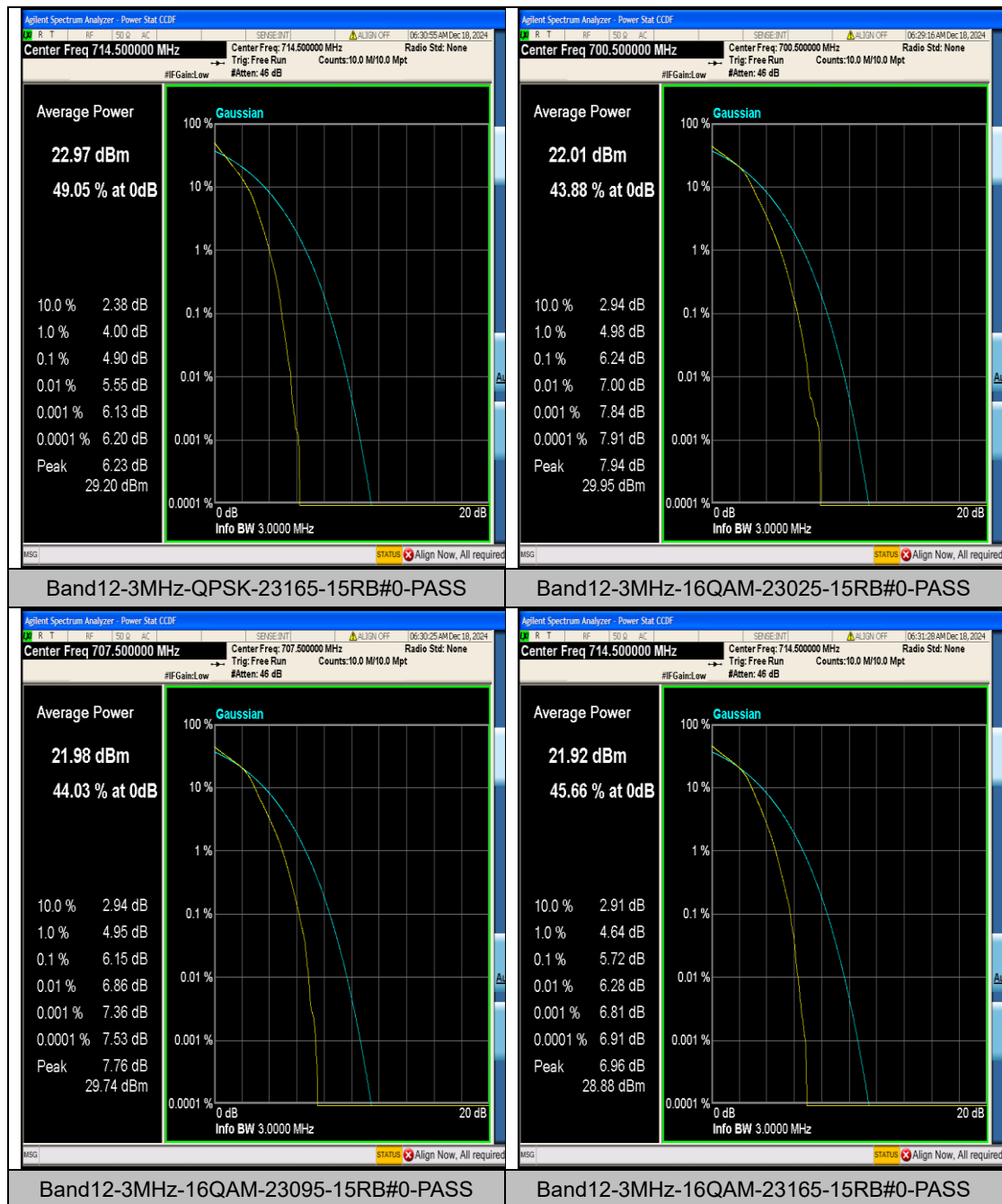
Test Result

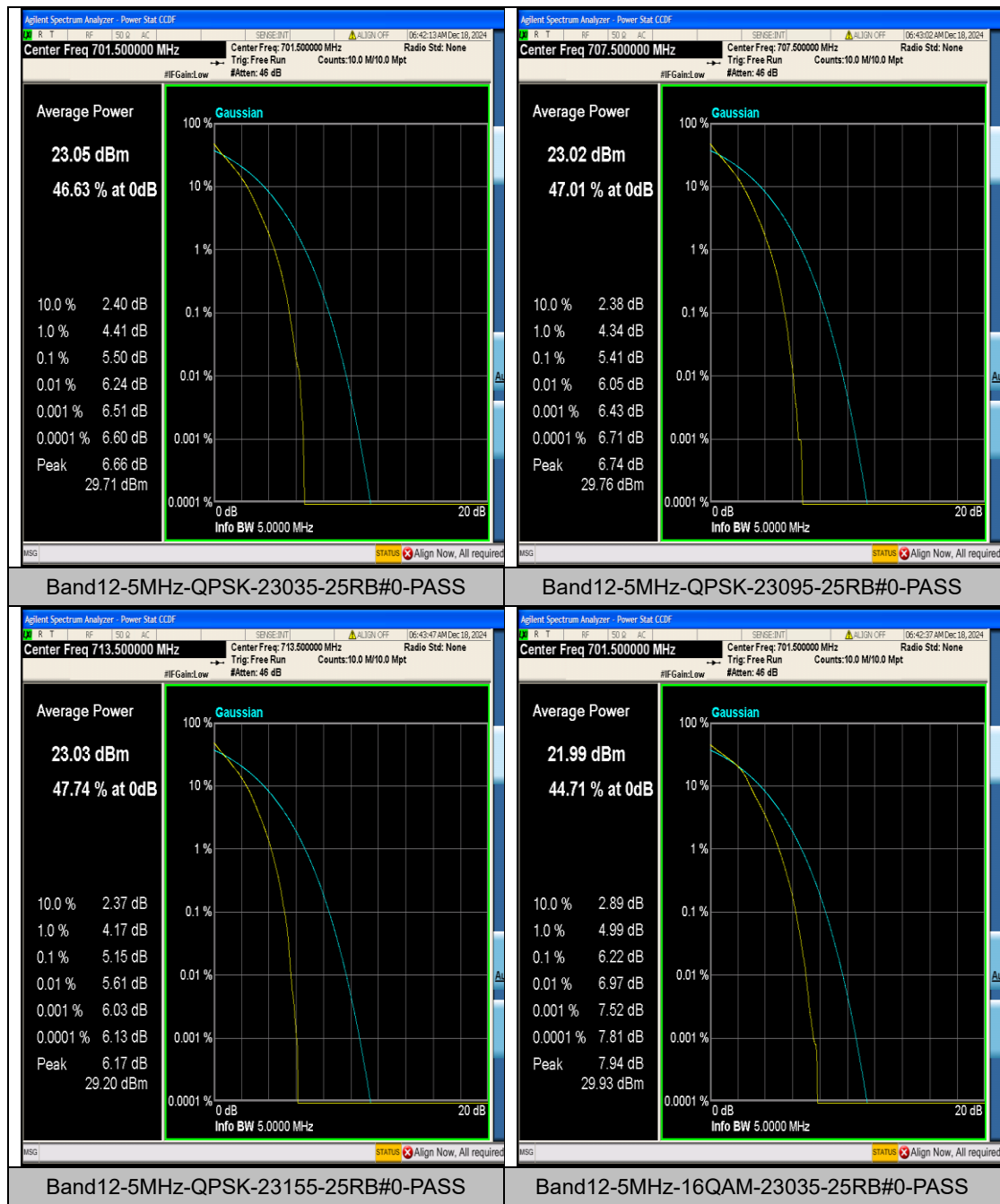
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.22	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.08	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3.96	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.07	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.88	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.91	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.46	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.31	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.90	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.24	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.15	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.72	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.50	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.41	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.15	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.22	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.12	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.87	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.47	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.39	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.22	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.21	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.16	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.04	13	PASS

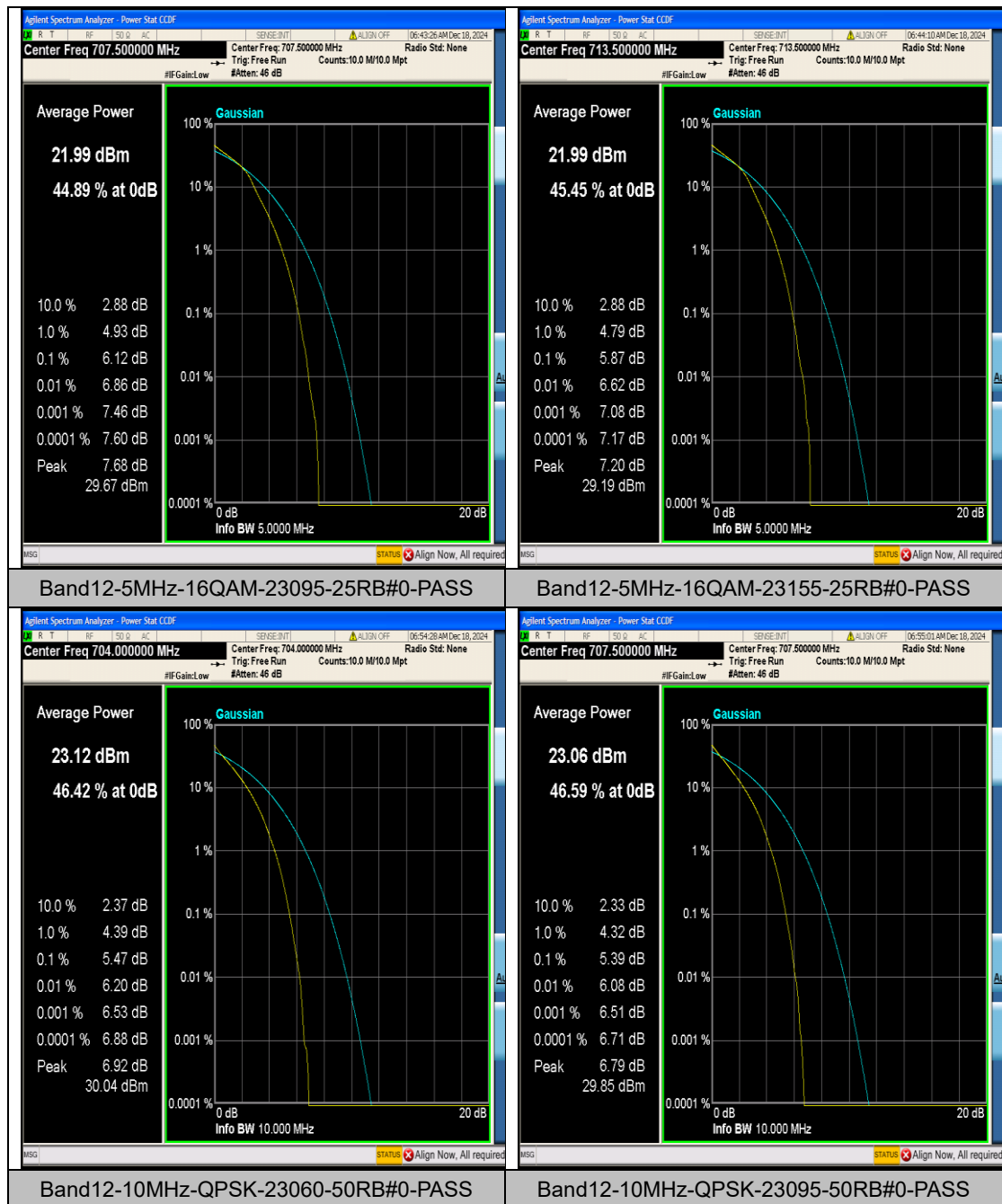
Test Graphs











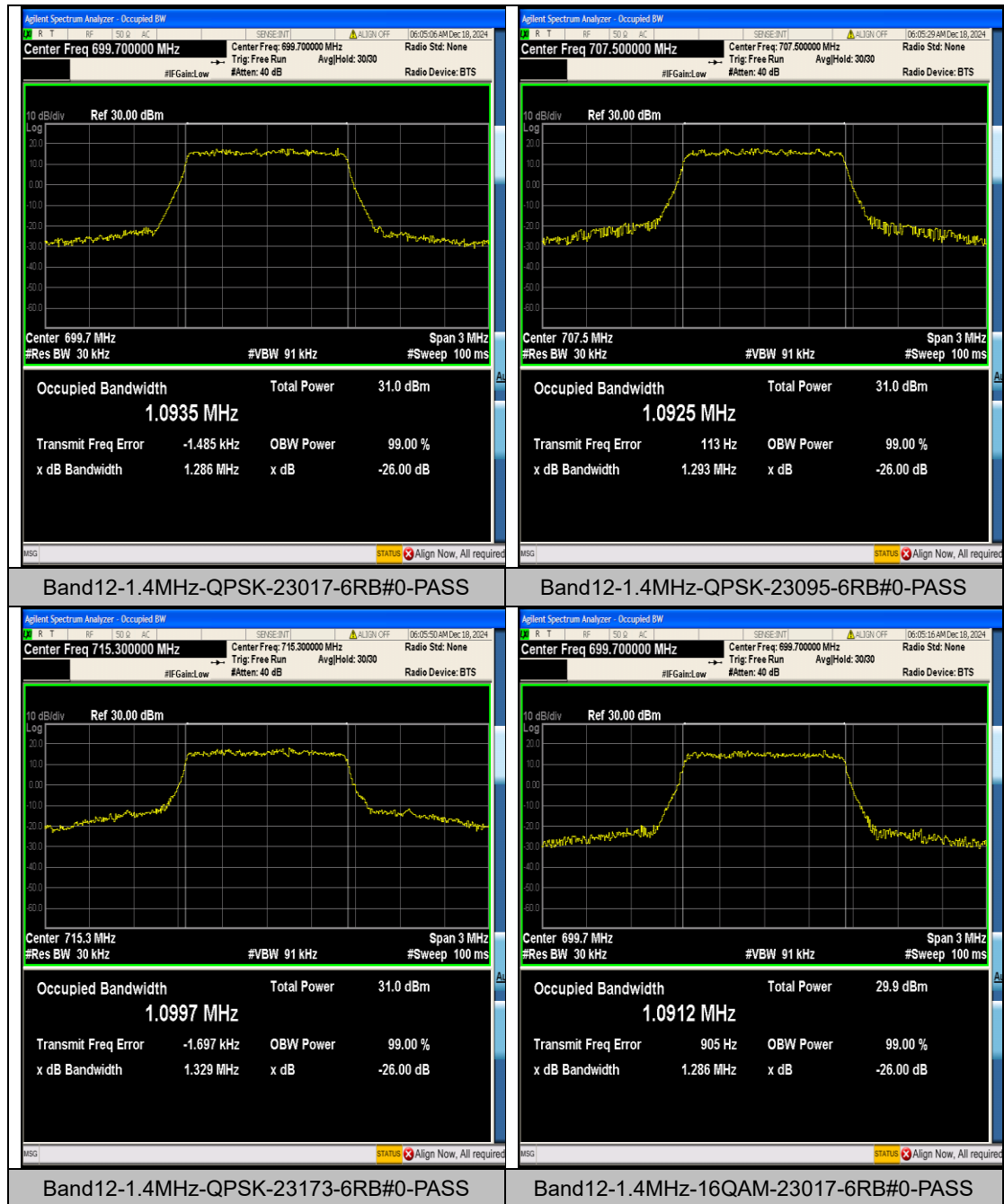


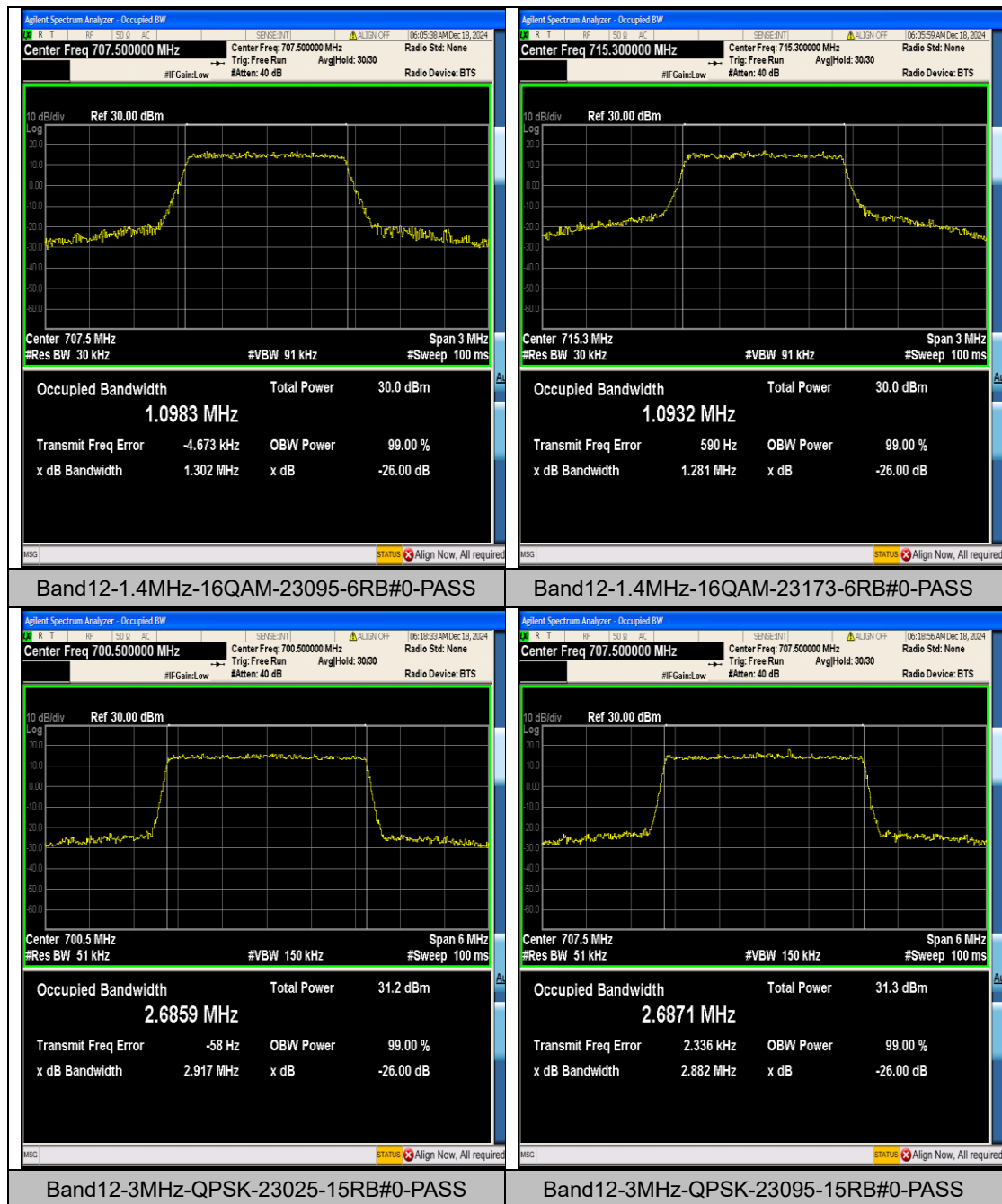
Appendix C: 26dB Bandwidth and Occupied Bandwidth

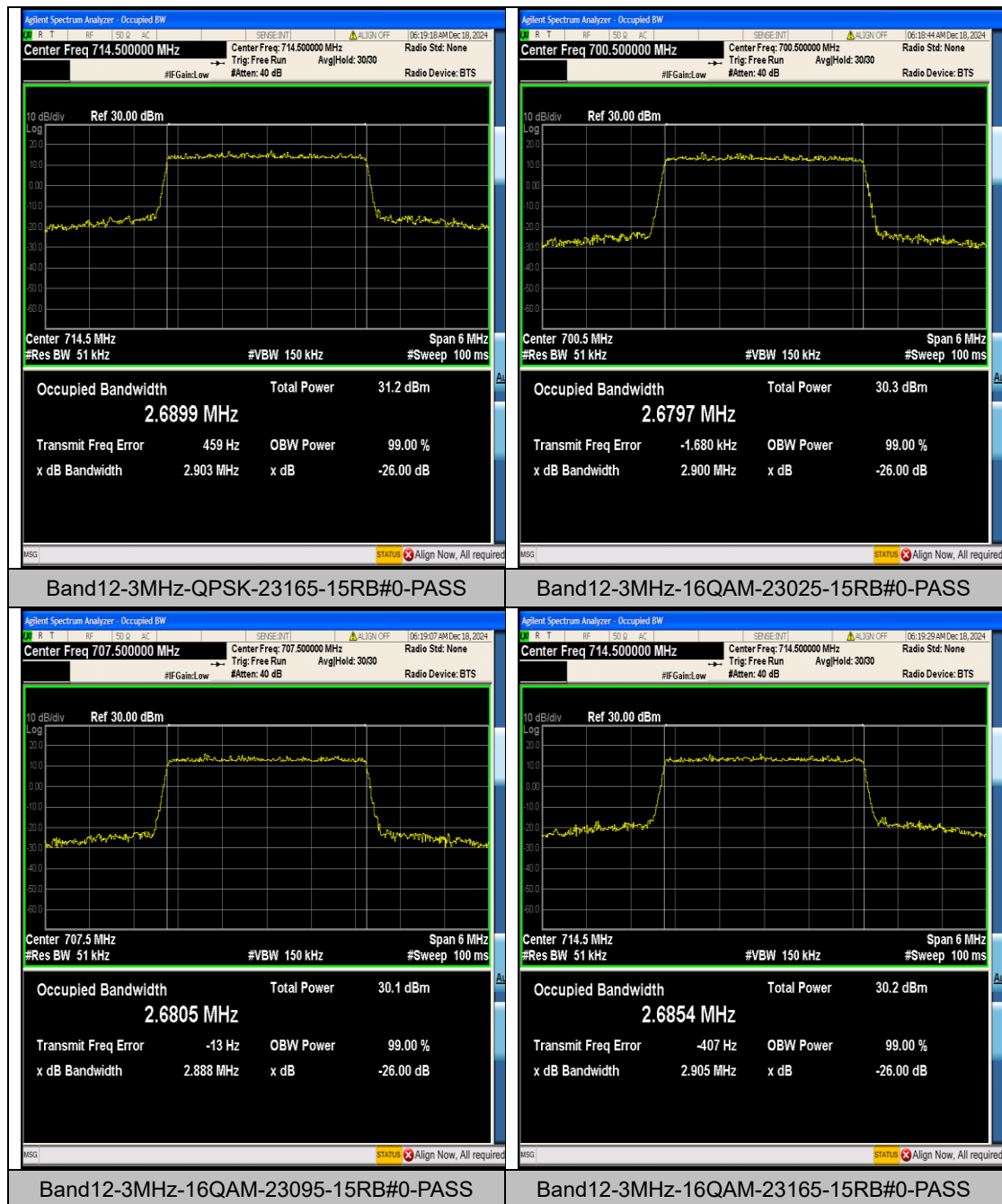
Test Result

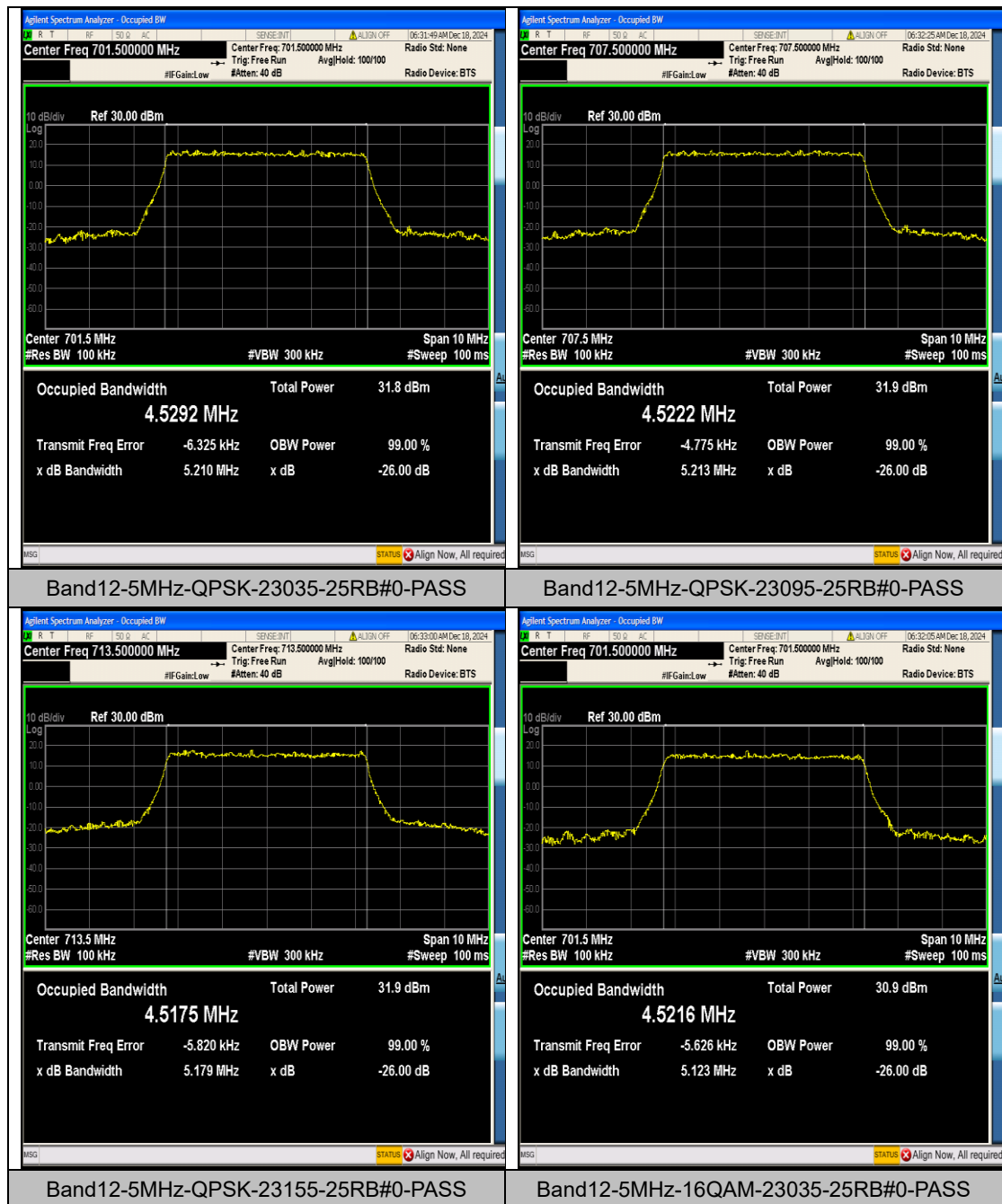
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0935	1.286	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0925	1.293	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0997	1.329	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0912	1.286	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0983	1.302	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0932	1.281	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6859	2.917	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6871	2.882	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6899	2.903	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6797	2.900	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6805	2.888	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6854	2.905	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5292	5.210	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5222	5.213	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5175	5.179	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5216	5.123	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5165	5.134	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5376	5.274	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0229	10.19	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0080	10.15	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0020	10.18	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0070	10.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0062	10.01	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9940	10.04	PASS

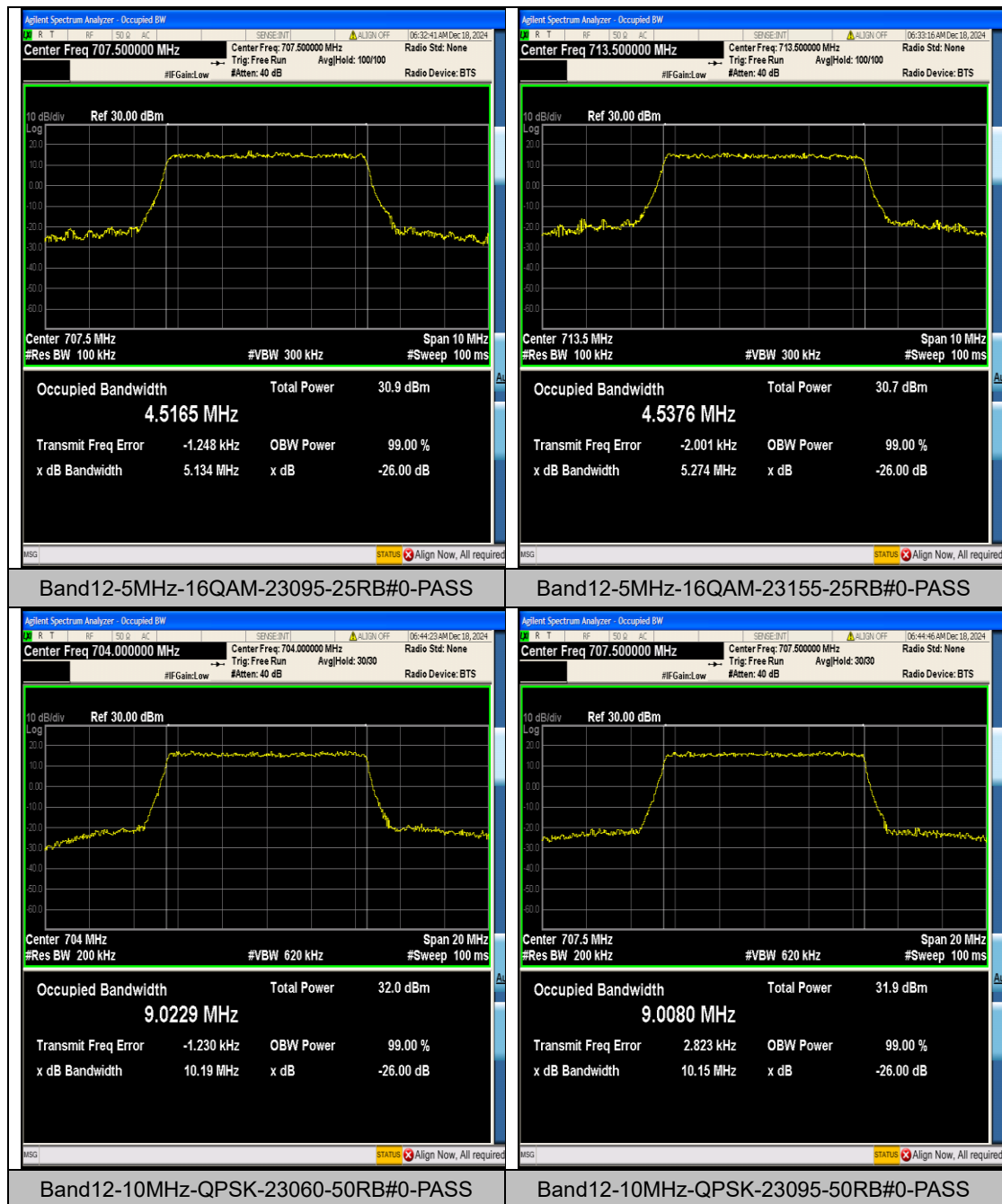
Test Graphs

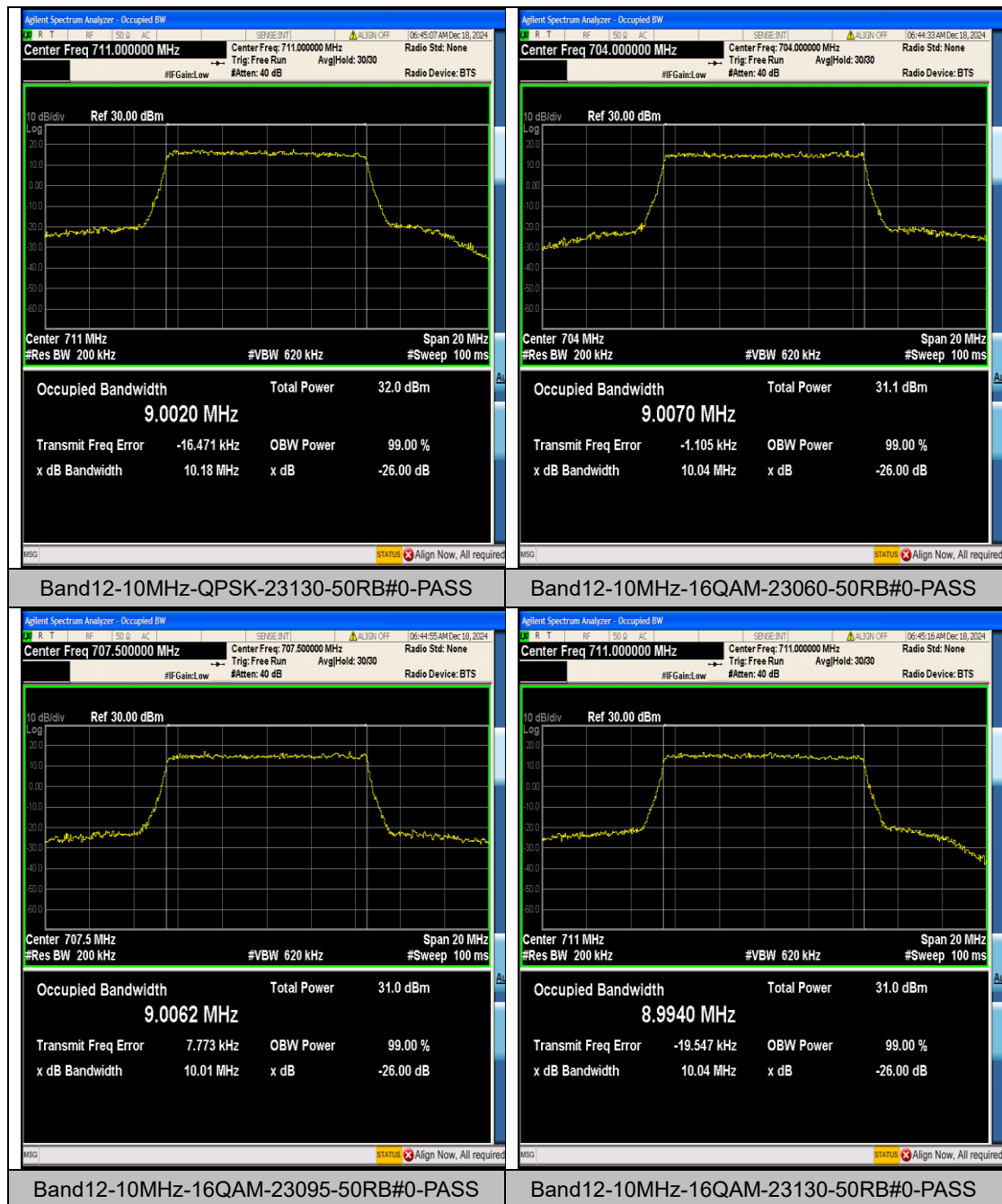










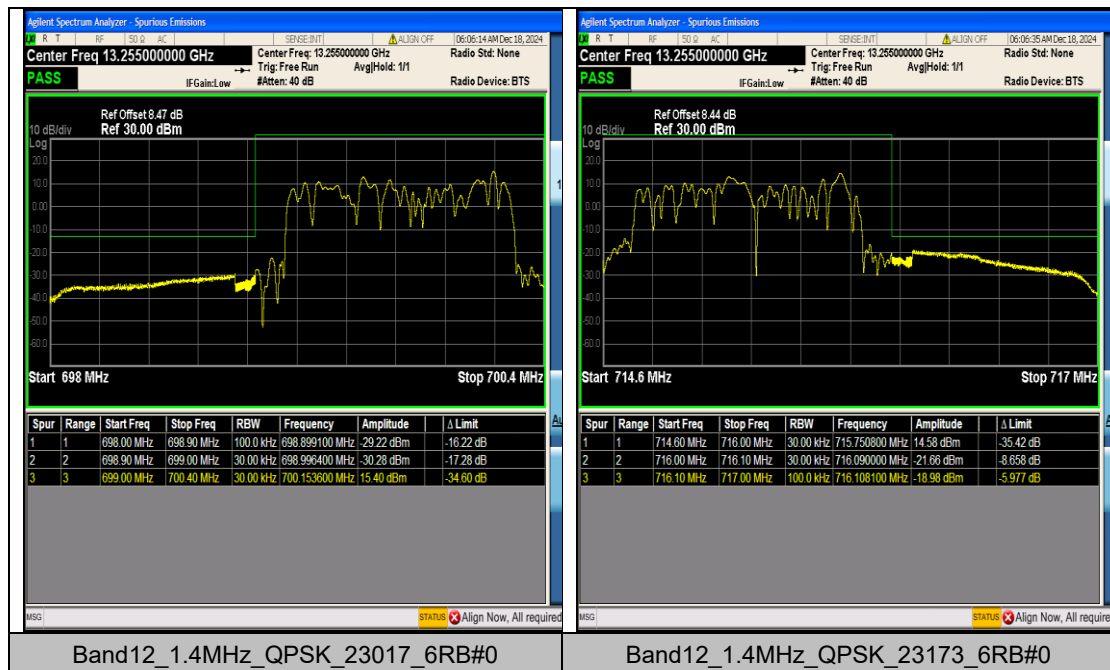


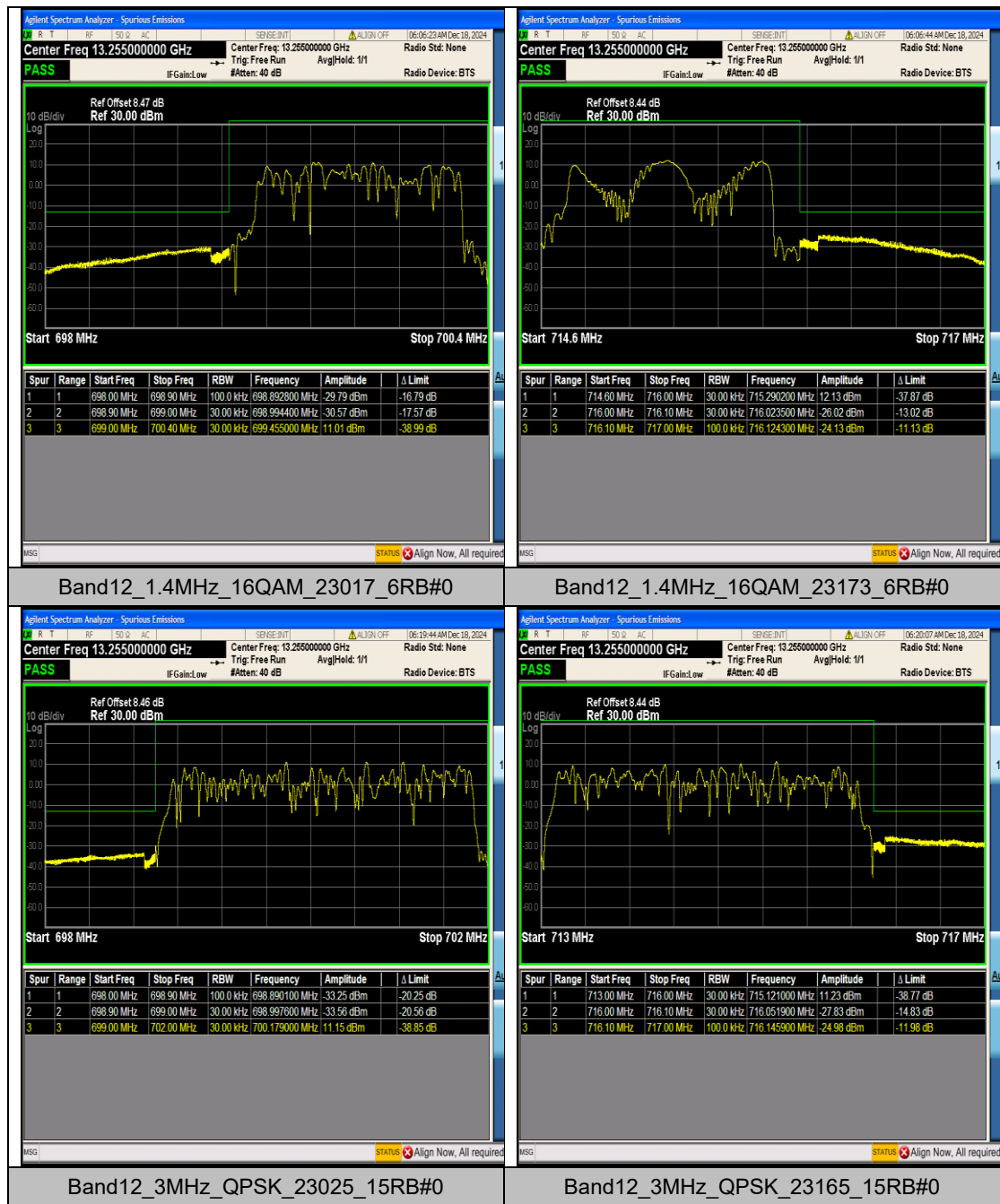
Appendix D: Band Edge

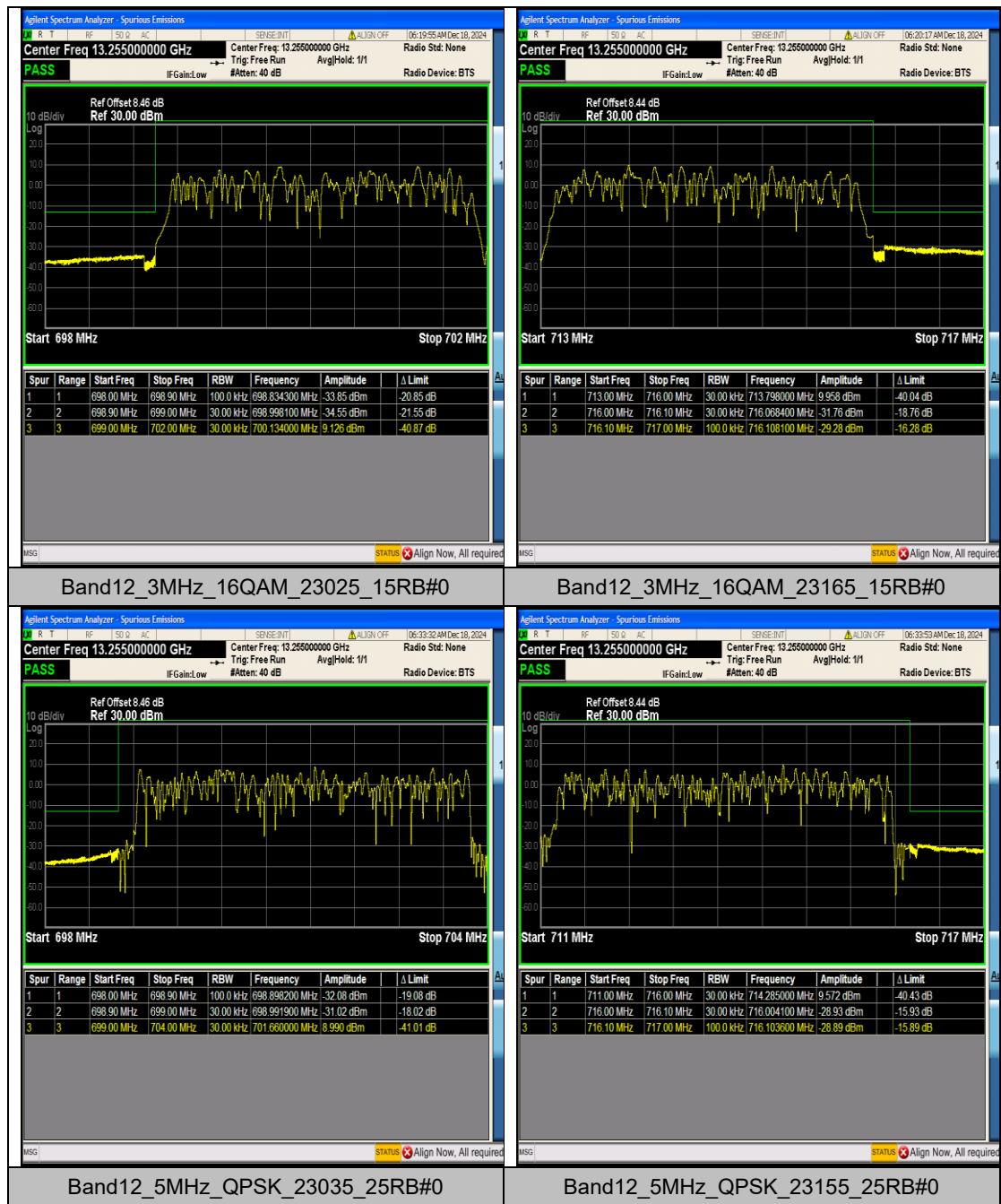
Test Result

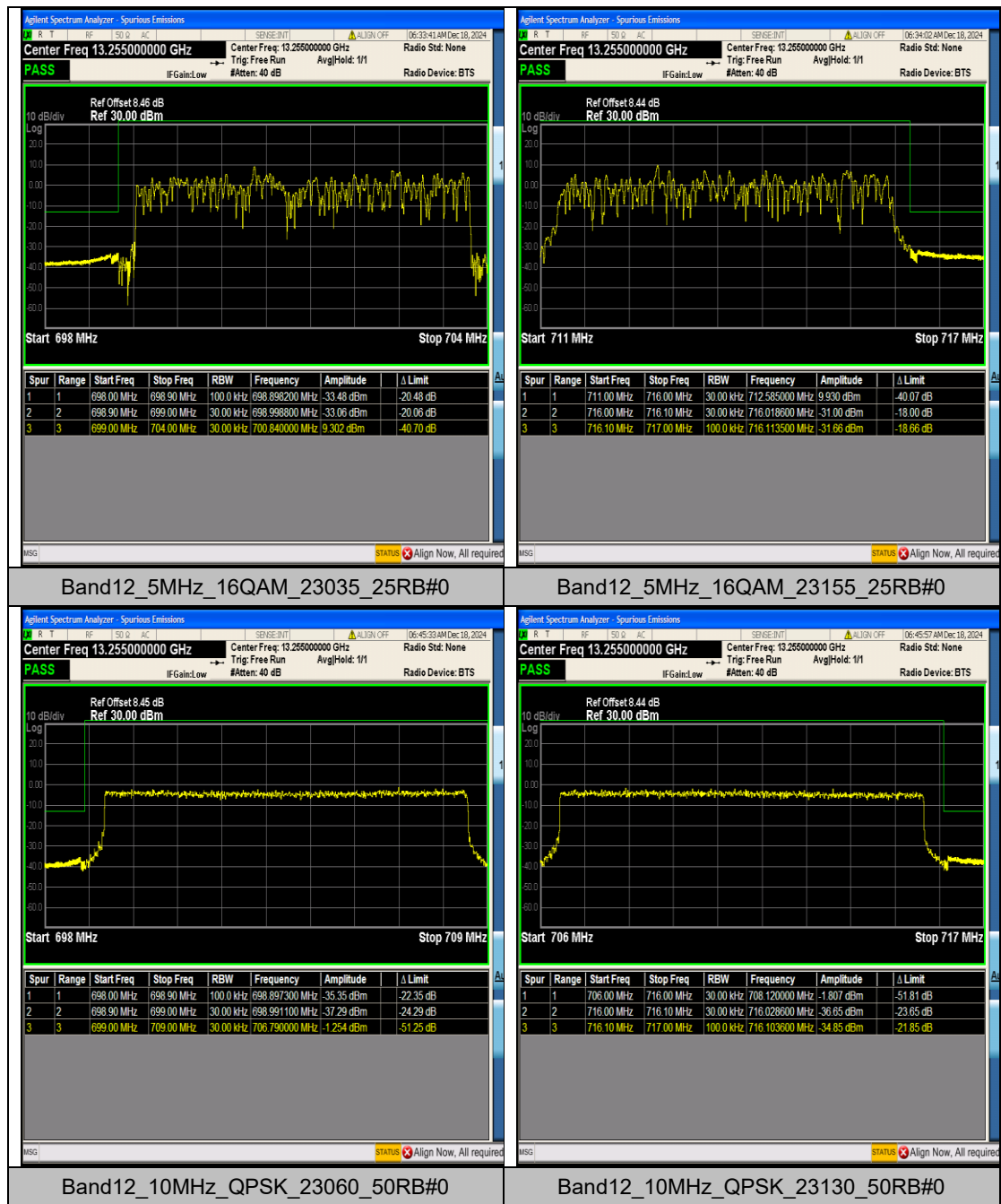
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-29.22	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-18.98	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-29.79	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-24.13	PASS
Band12	3MHz	QPSK	23025	15RB#0	-33.25	PASS
Band12	3MHz	QPSK	23165	15RB#0	-24.98	PASS
Band12	3MHz	16QAM	23025	15RB#0	-33.85	PASS
Band12	3MHz	16QAM	23165	15RB#0	-29.28	PASS
Band12	5MHz	QPSK	23035	25RB#0	-31.02	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.89	PASS
Band12	5MHz	16QAM	23035	25RB#0	-33.06	PASS
Band12	5MHz	16QAM	23155	25RB#0	-31.00	PASS
Band12	10MHz	QPSK	23060	50RB#0	-35.35	PASS
Band12	10MHz	QPSK	23130	50RB#0	-34.85	PASS
Band12	10MHz	16QAM	23060	50RB#0	-37.29	PASS
Band12	10MHz	16QAM	23130	50RB#0	-36.86	PASS

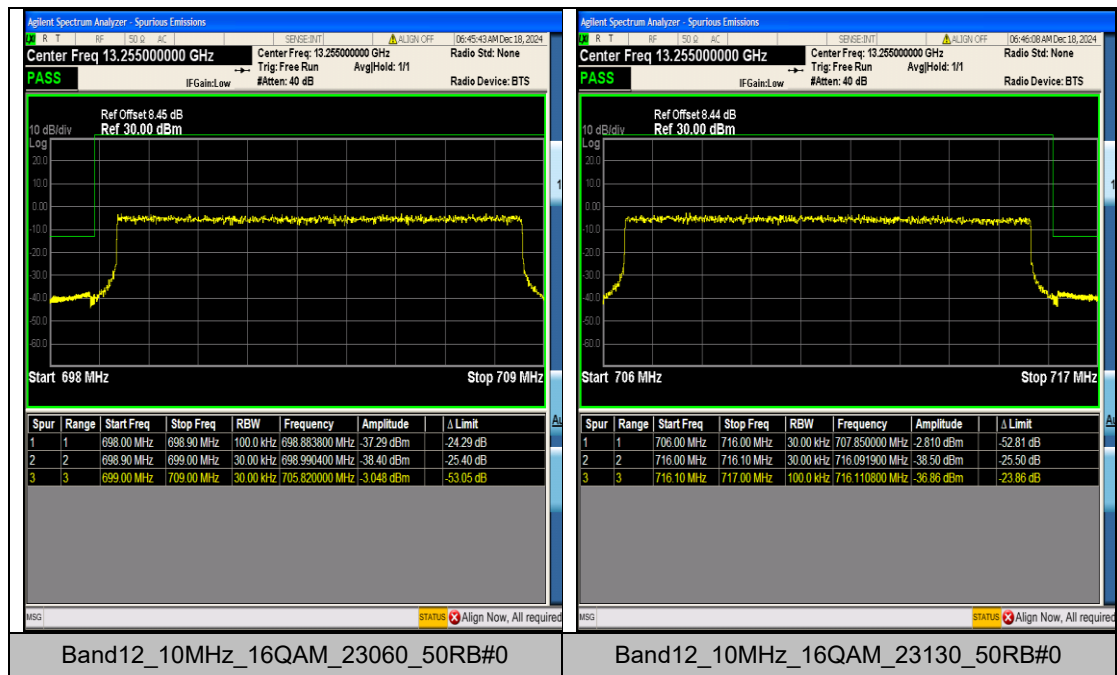
Test Graphs











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	-41.86	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-54.40	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-51.09	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-46.82	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-39.48	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-43.86	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-53.31	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-49.51	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-47.15	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-39.51	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-40.80	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-51.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-48.95	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-47.09	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-35.37	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-39.43	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-53.59	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-51.21	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-47.05	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-40.51	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-39.76	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-52.94	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-51.16	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-46.96	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-40.12	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-41.79	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-54.07	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-51.49	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-47.05	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-38.05	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-41.23	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-54.43	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-51.18	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-46.62	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-41.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-41.19	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-54.98	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-50.55	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-47.12	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-41.68	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-39.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-54.09	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-50.05	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-47.05	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-38.62	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-44.13	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-54.09	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-52.49	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-47.02	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-43.14	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-42.95	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-52.80	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-52.43	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-47.16	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-42.54	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-42.18	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-52.46	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-52.93	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-46.87	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-41.22	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-43.08	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-51.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-53.57	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-46.72	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-43.23	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-41.54	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-51.84	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-57.05	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-46.63	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-42.89	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-42.72	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-52.40	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-51.86	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-47.00	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-42.17	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-43.42	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-52.67	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-55.46	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-47.04	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-43.26	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-41.03	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-52.90	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-57.52	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-47.16	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-43.13	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-41.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-54.67	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-54.55	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-46.89	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-42.46	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-40.58	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-52.63	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-61.66	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-47.25	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-43.60	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-43.05	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-52.53	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-61.73	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-47.18	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-43.66	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-40.38	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-52.58	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-61.64	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-47.06	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-43.24	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-40.84	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-52.70	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-61.67	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-47.11	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-43.08	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-40.08	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-54.01	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-61.69	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-46.96	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-43.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-43.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-54.62	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-61.67	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-46.91	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-43.64	PASS

Test Graphs

