

FCC LTE Band Test Data

FCC ID : 2BM9D-RENO12PRO

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : Reno12 Pro

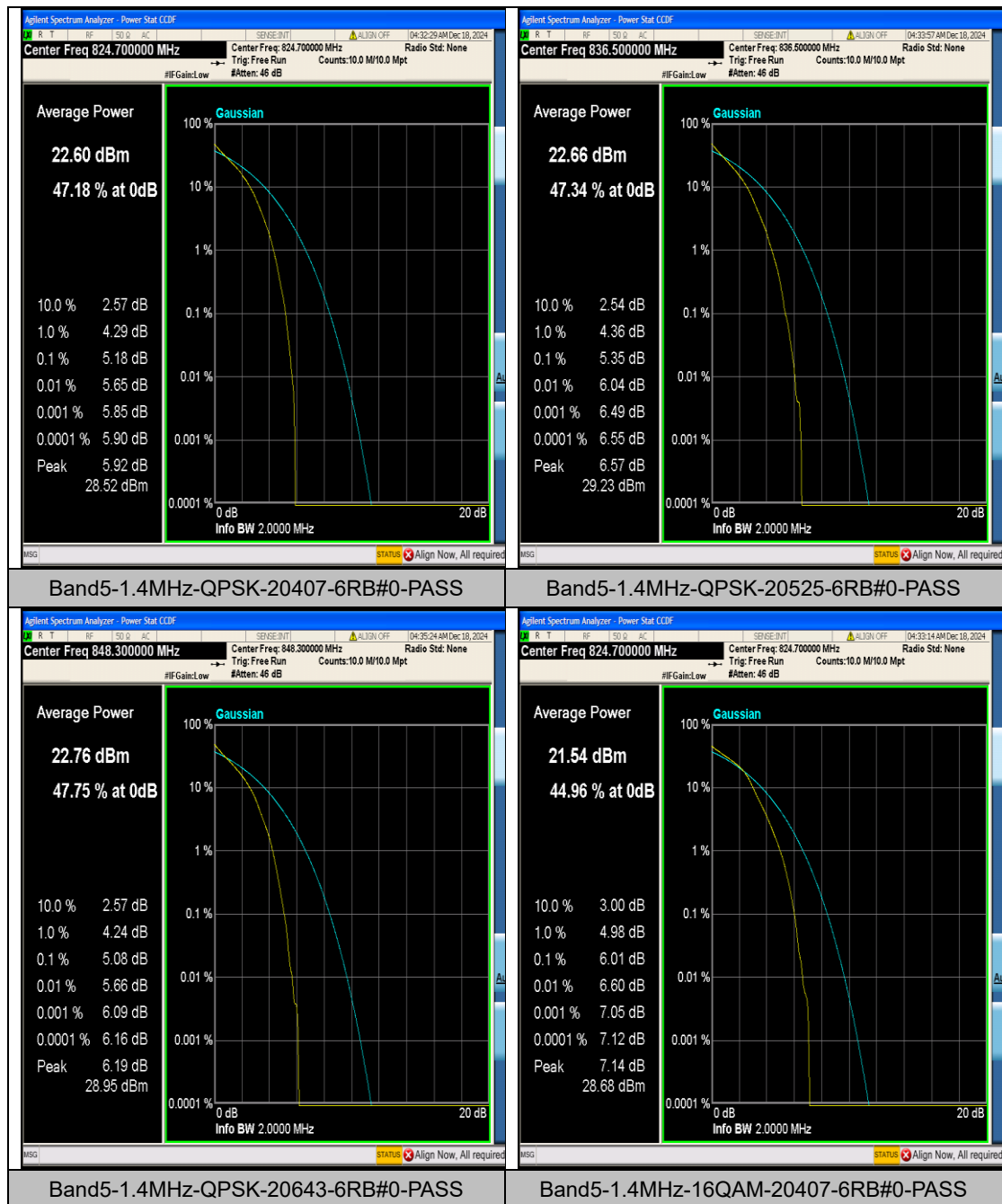
Reviewed By : Eric Wang

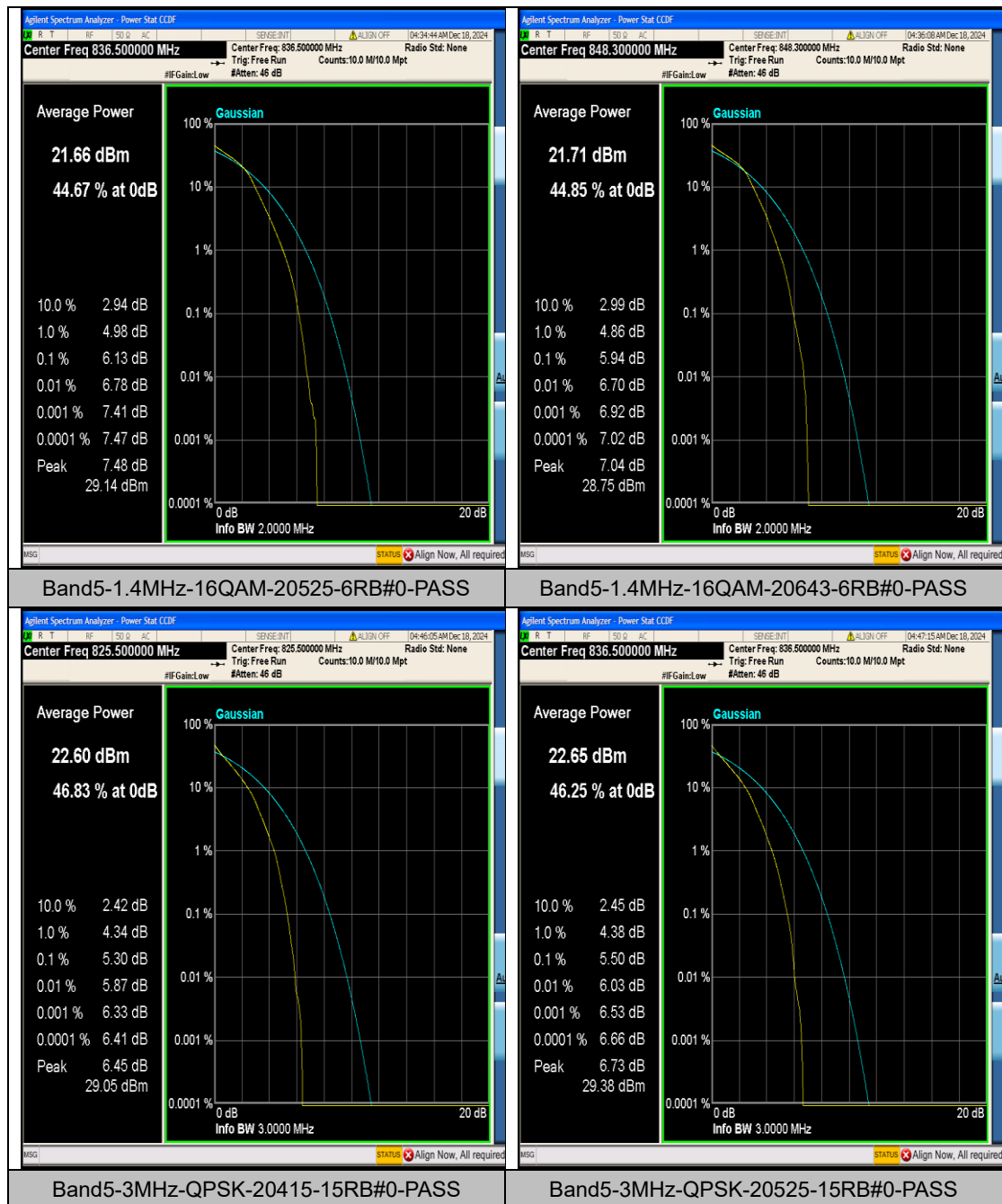
Appendix B: Peak-to-Average Ratio(CCDF)

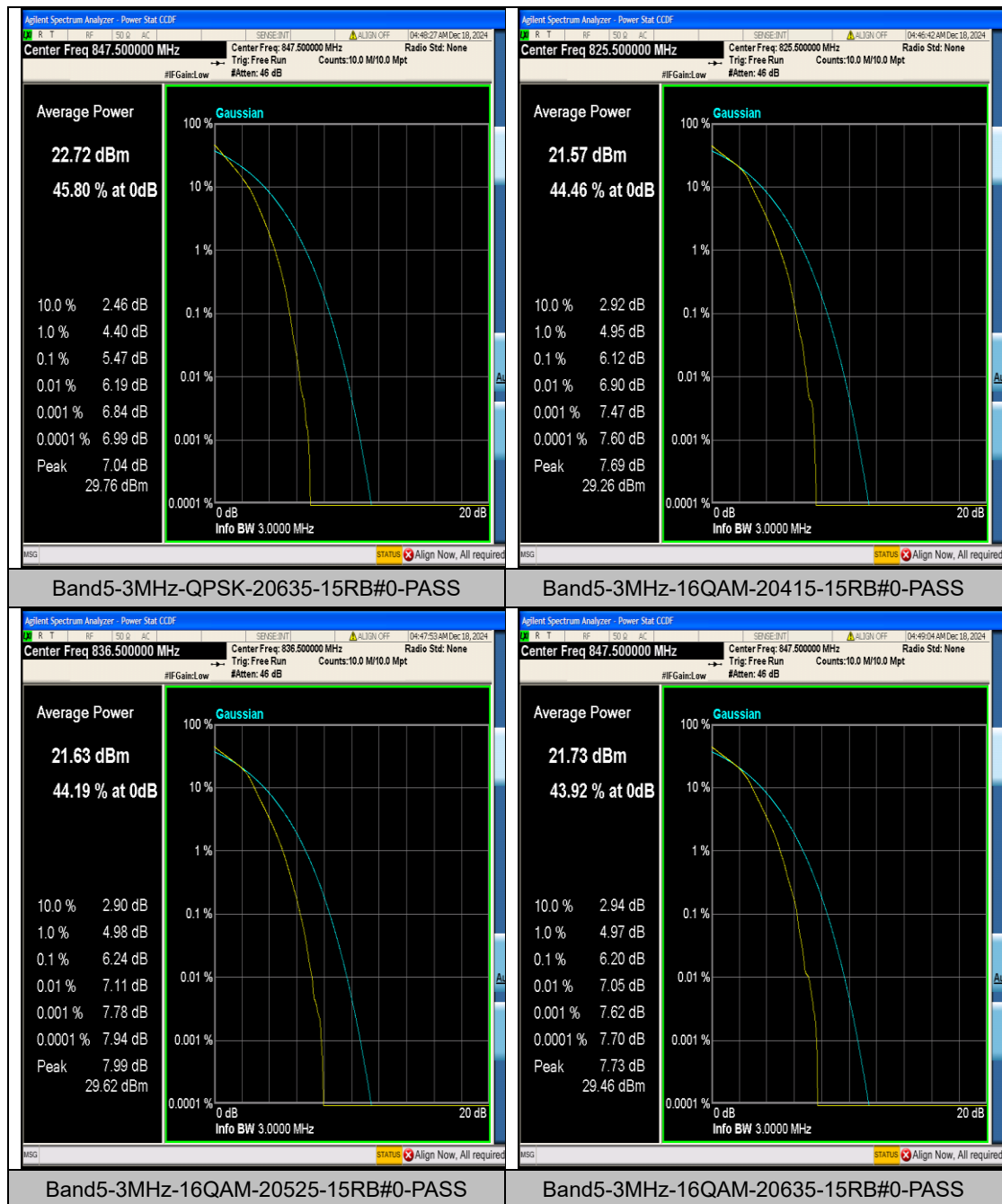
Test Result

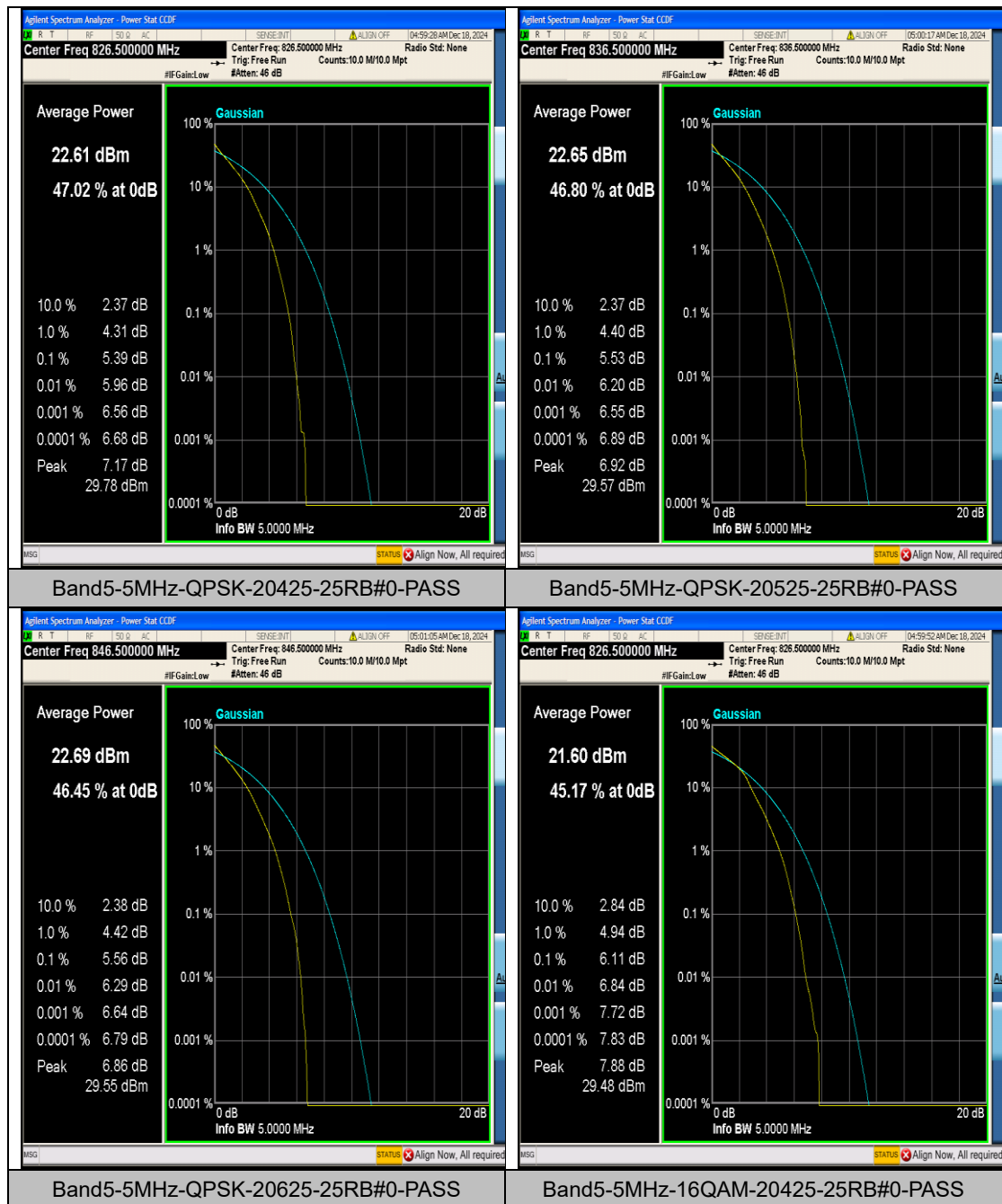
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.35	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.08	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.01	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.13	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.94	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.50	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.47	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.12	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.24	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.20	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.53	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.11	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.22	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.29	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.26	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.38	13	PASS

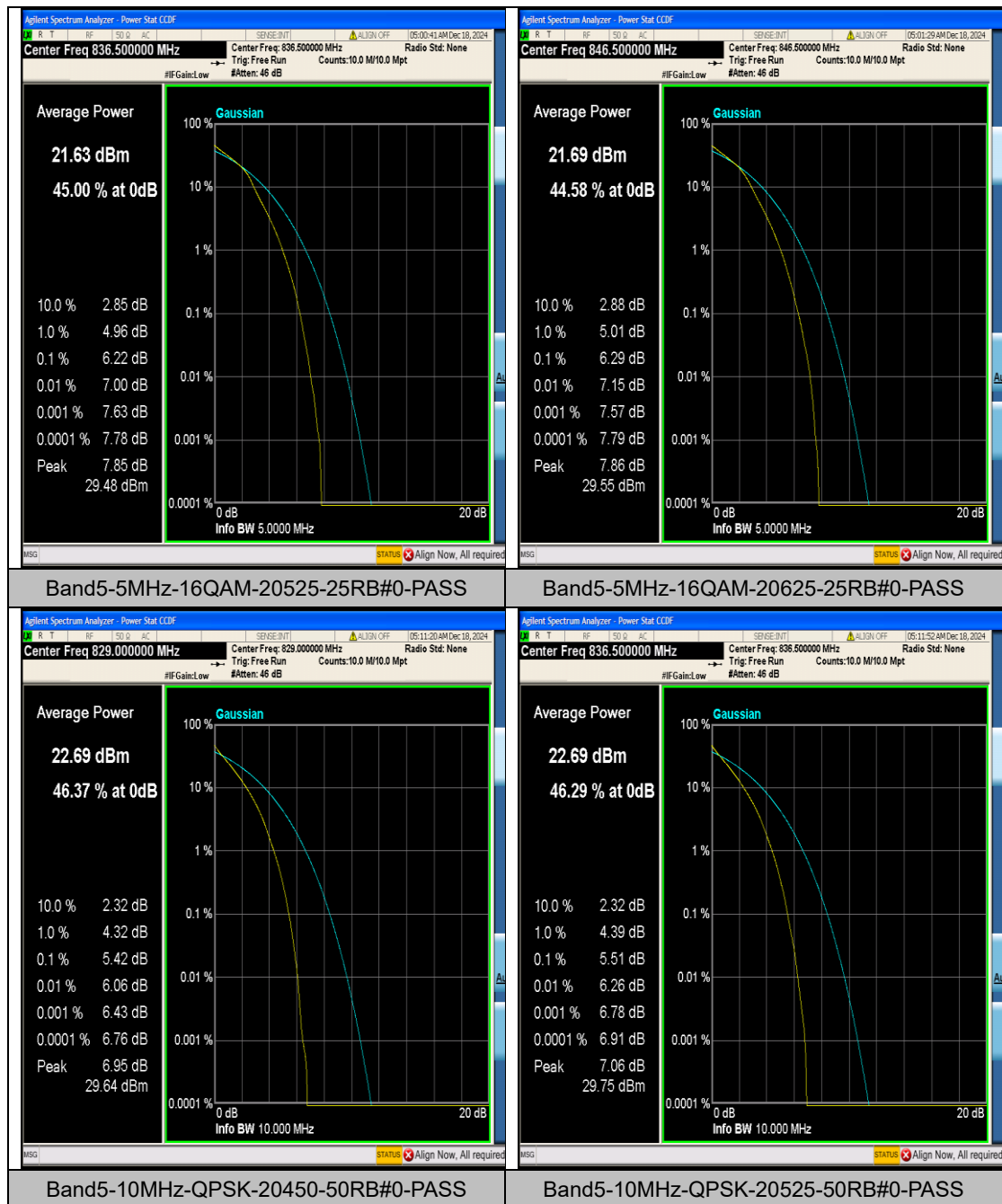
Test Graphs

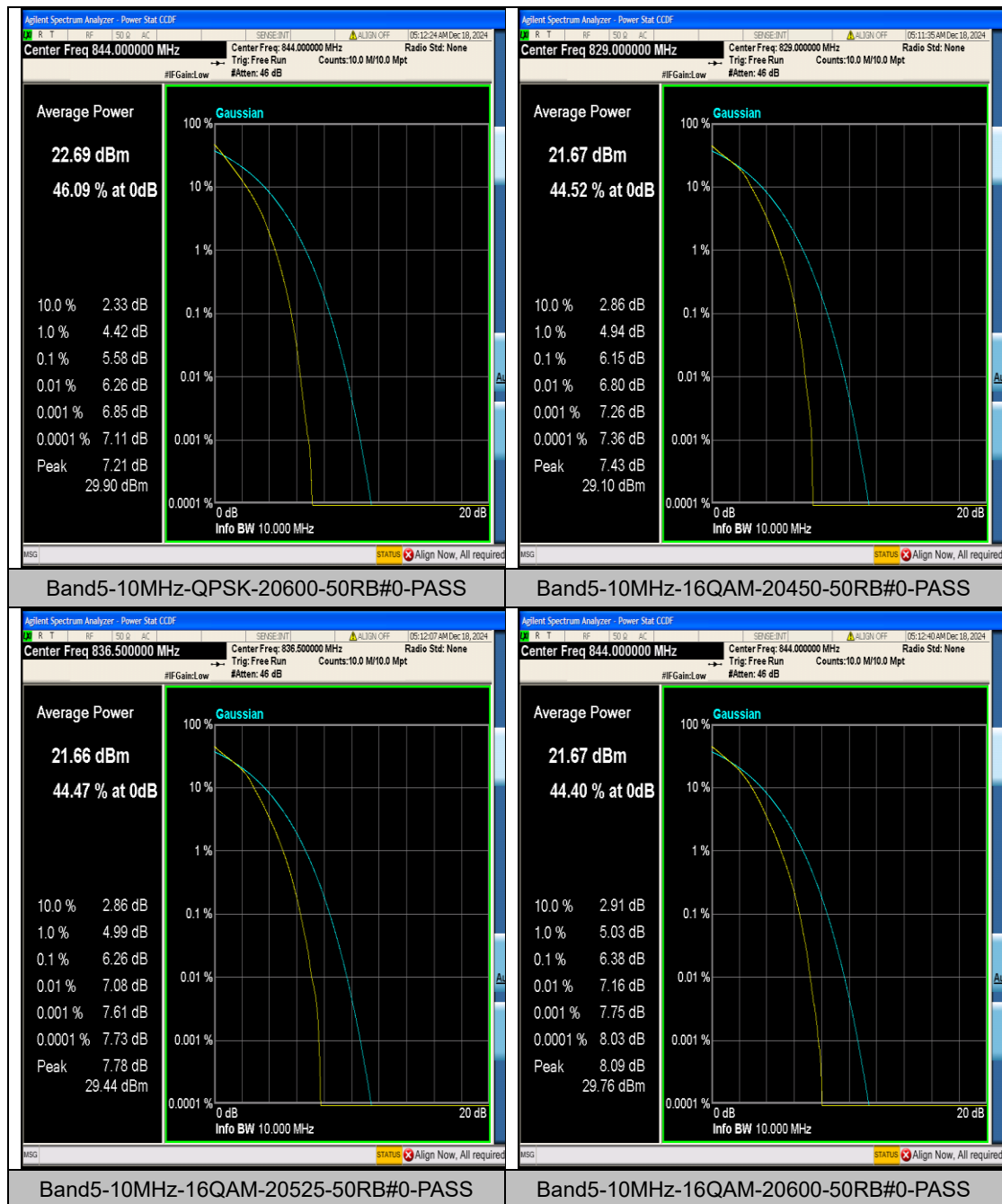










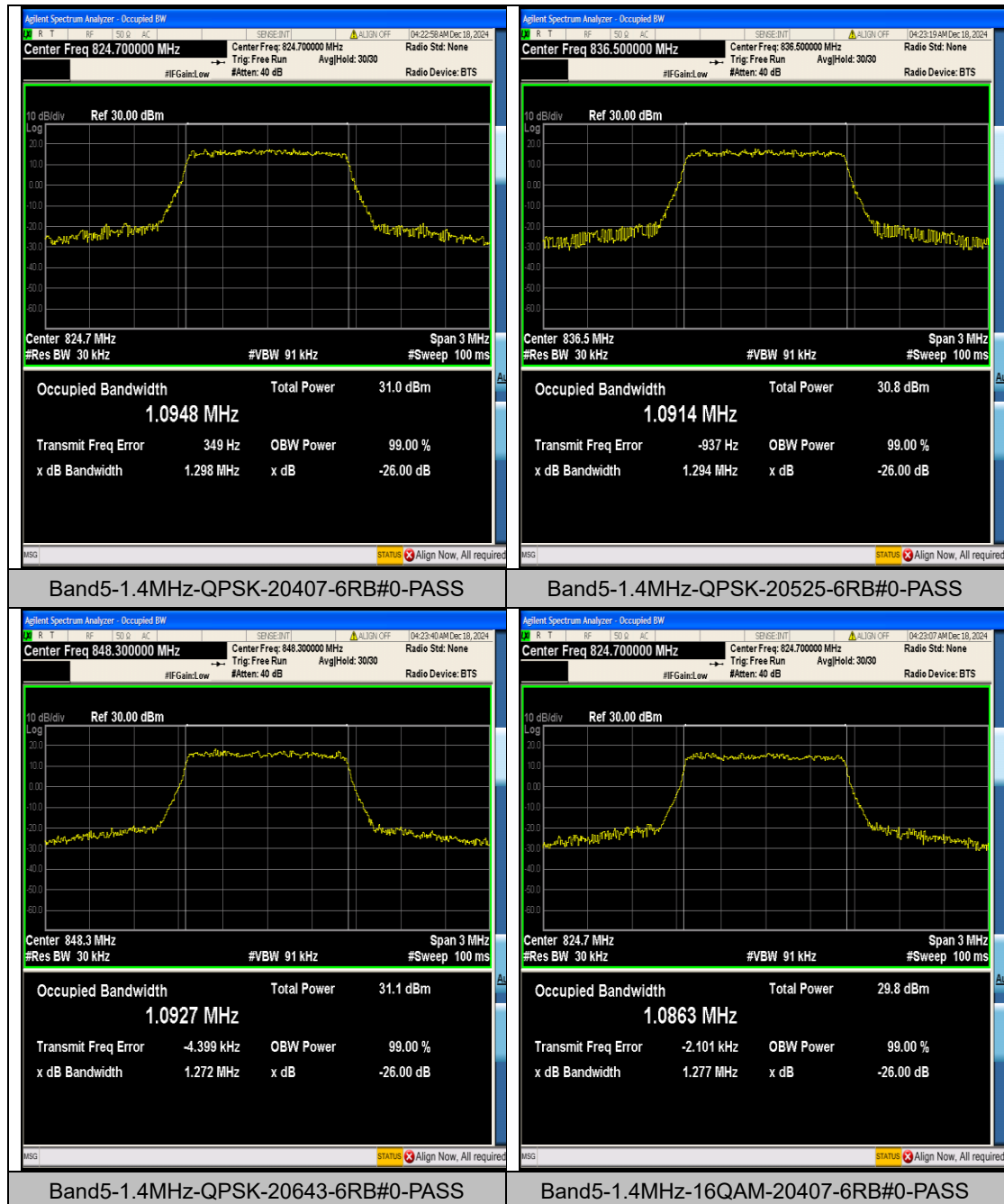


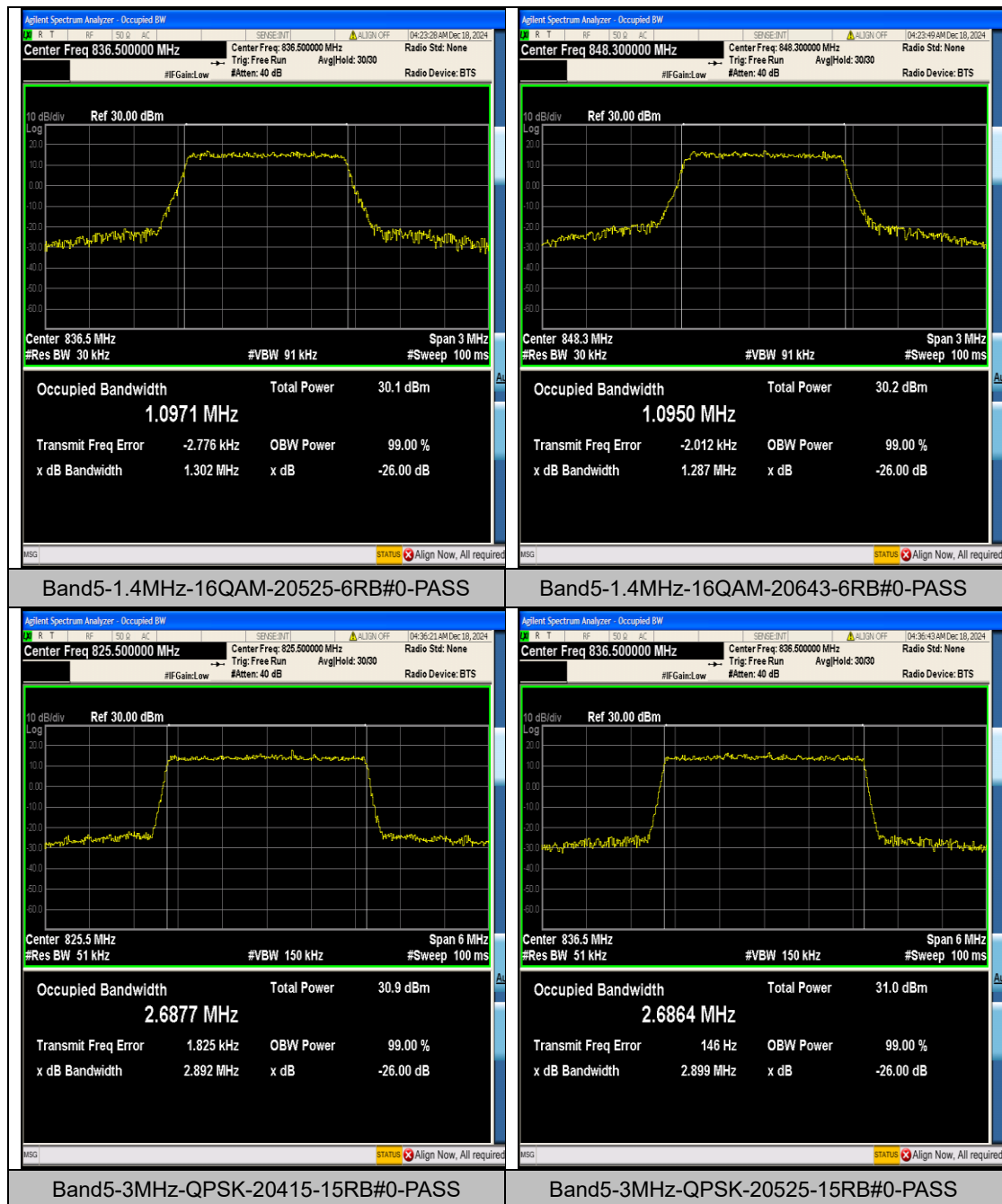
Appendix C: 26dB Bandwidth and Occupied Bandwidth

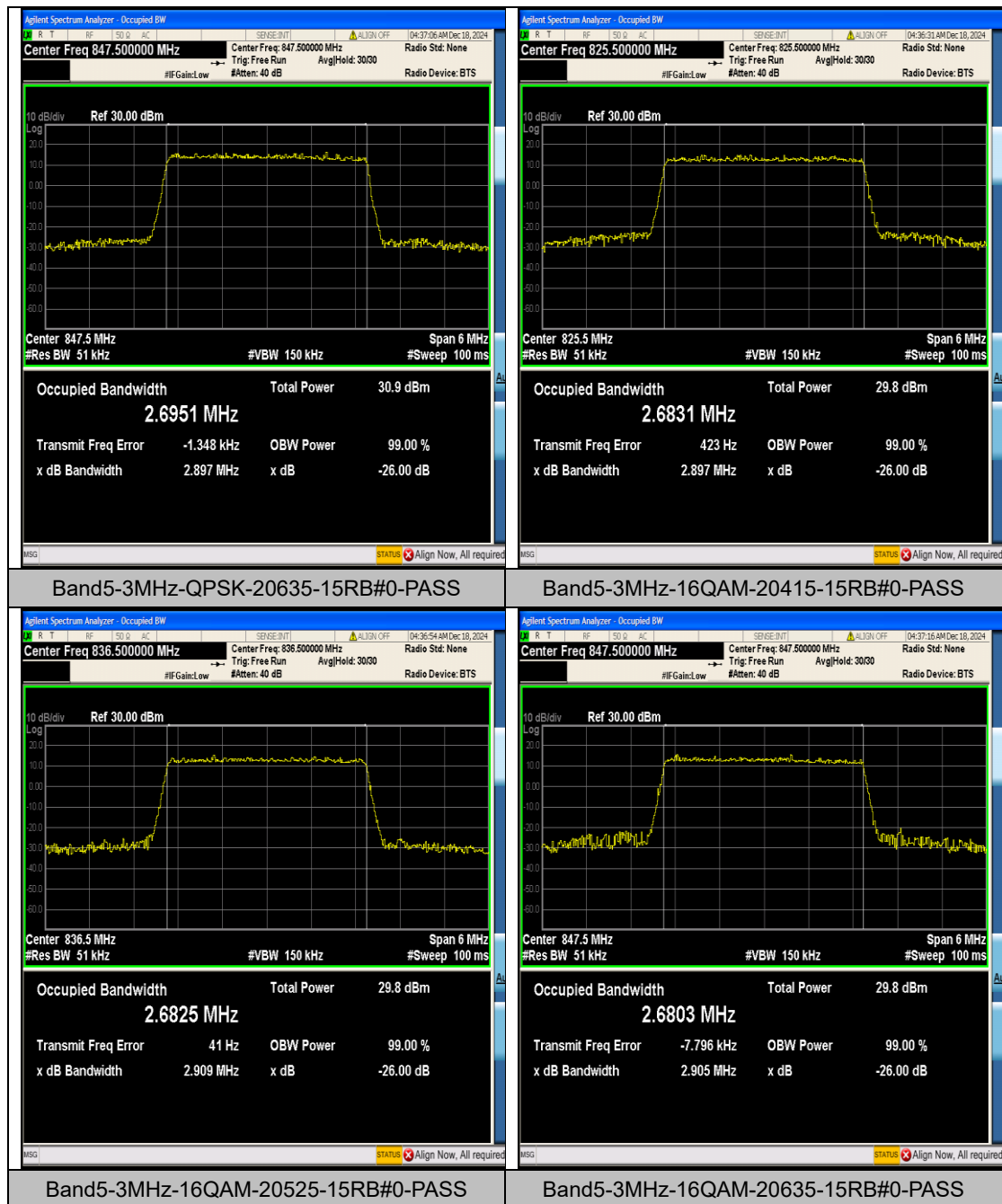
Test Result

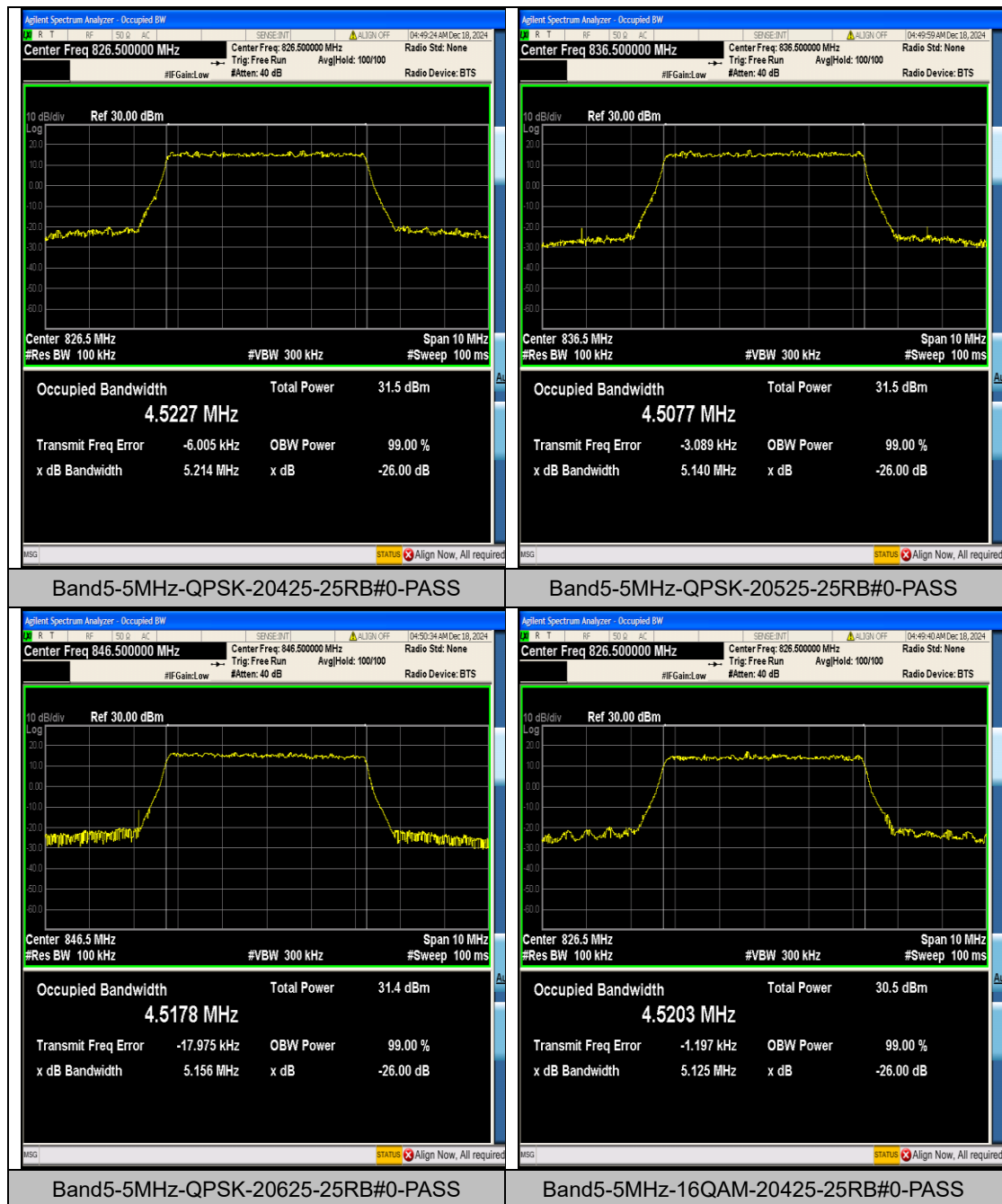
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0948	1.298	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0914	1.294	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0927	1.272	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0863	1.277	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0971	1.302	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0950	1.287	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6877	2.892	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6864	2.899	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6951	2.897	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6831	2.897	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6825	2.909	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6803	2.905	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5227	5.214	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5077	5.140	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5178	5.156	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5203	5.125	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5265	5.220	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5318	5.183	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0252	10.17	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0018	10.12	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9736	9.988	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0093	10.06	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0078	10.15	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0011	10.02	PASS

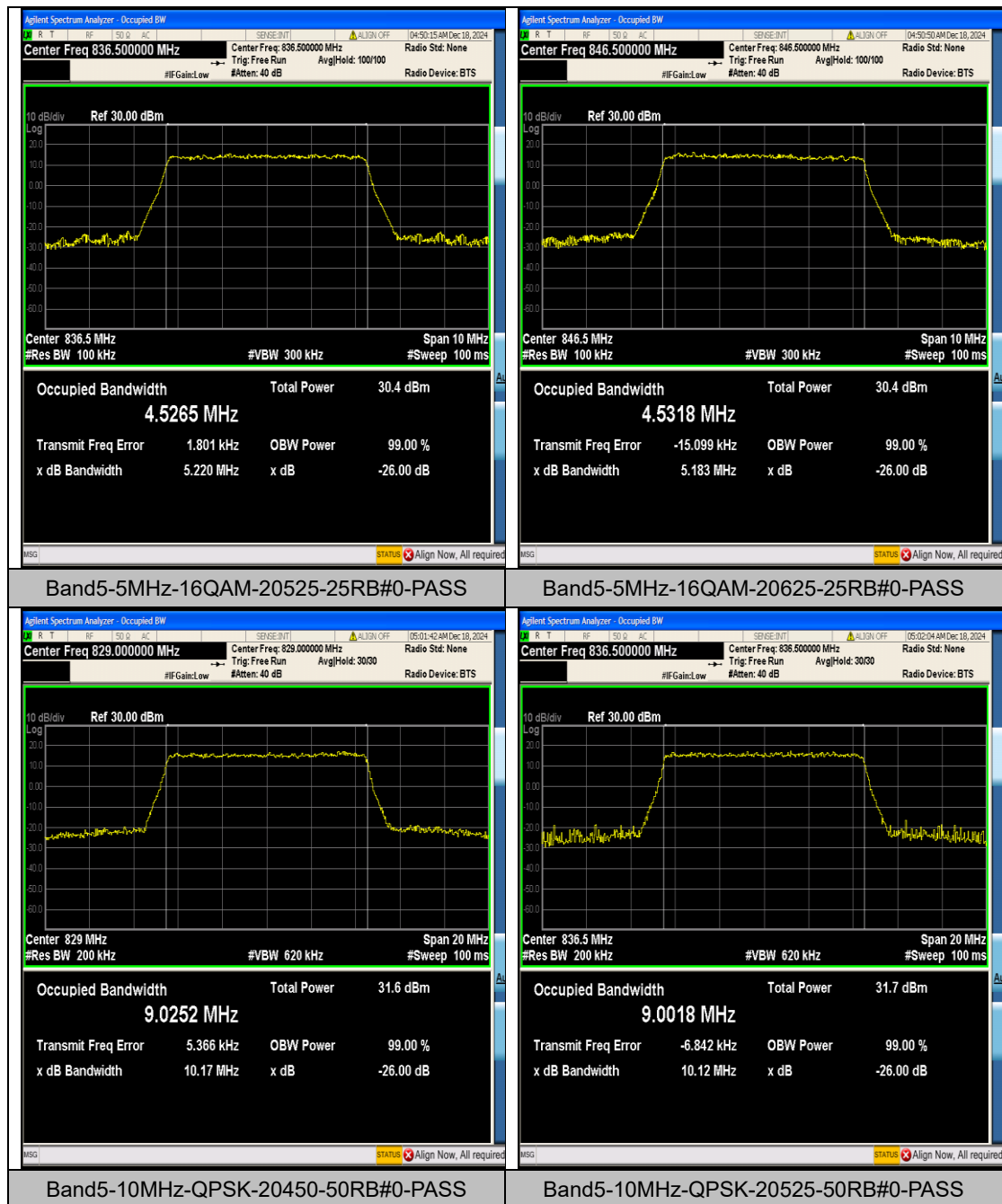
Test Graphs

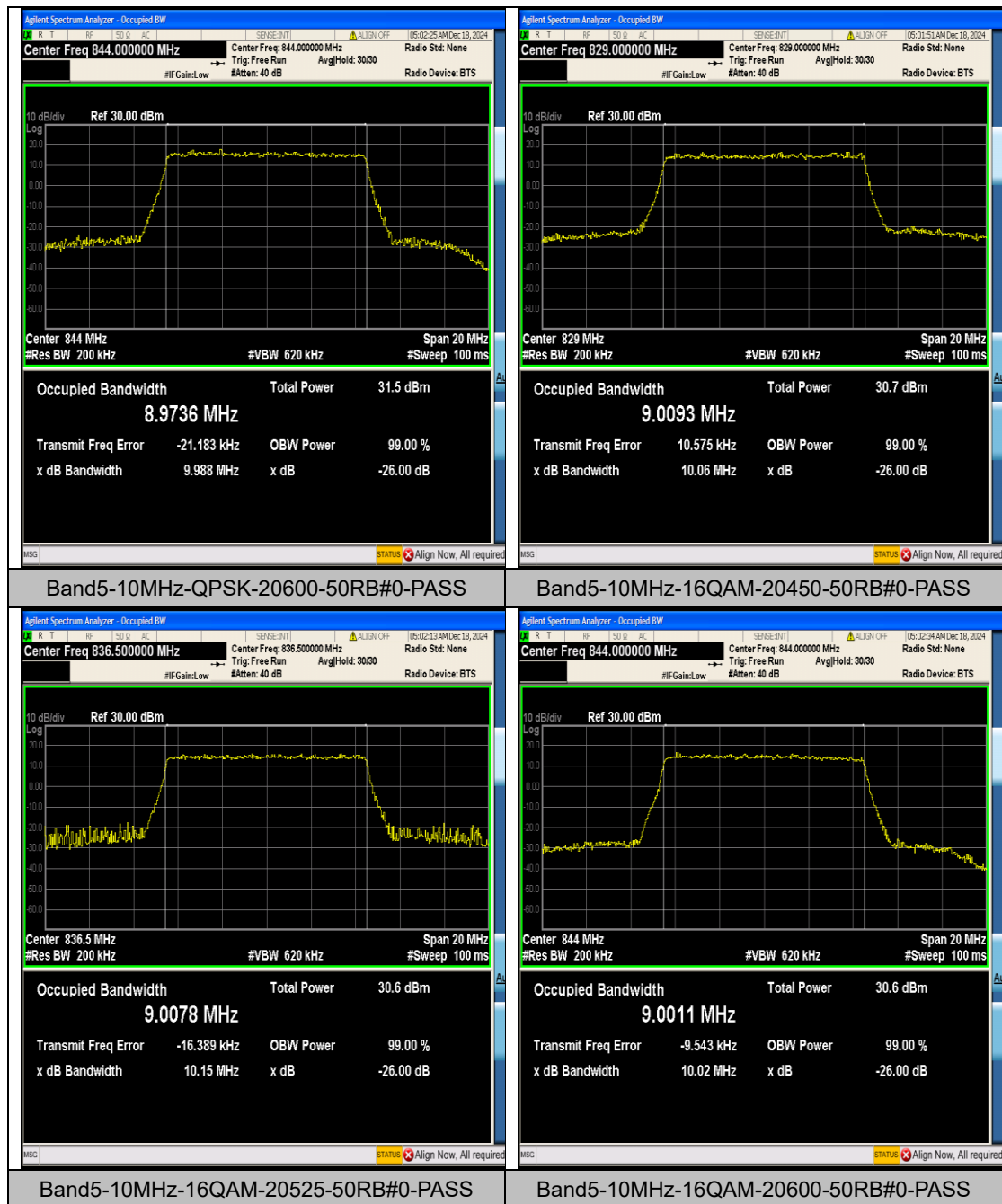










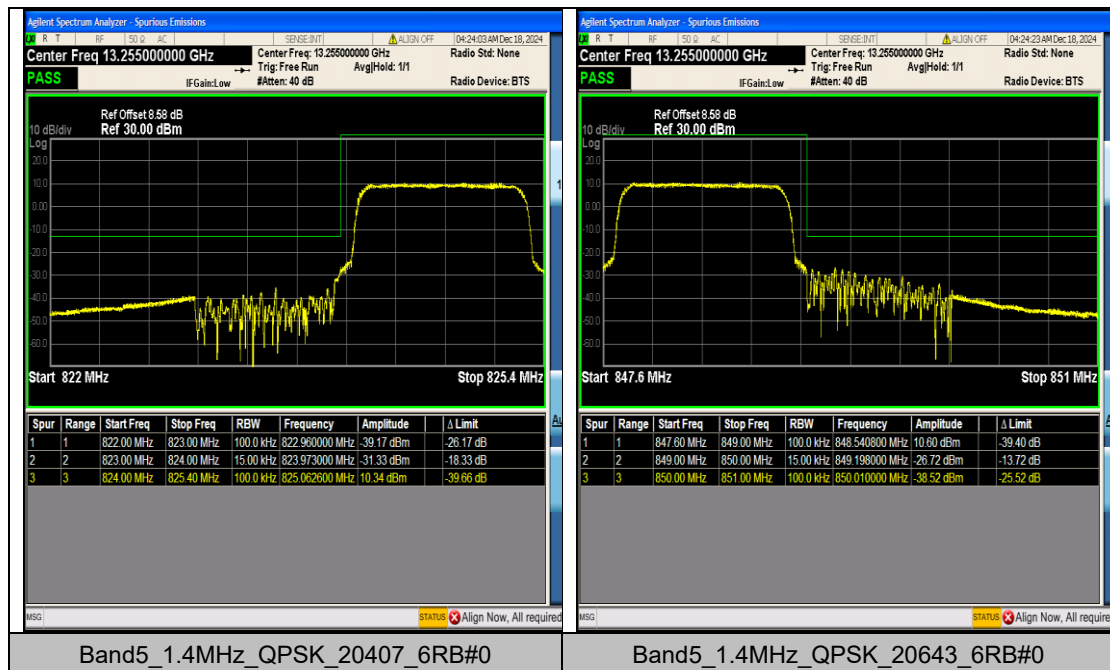


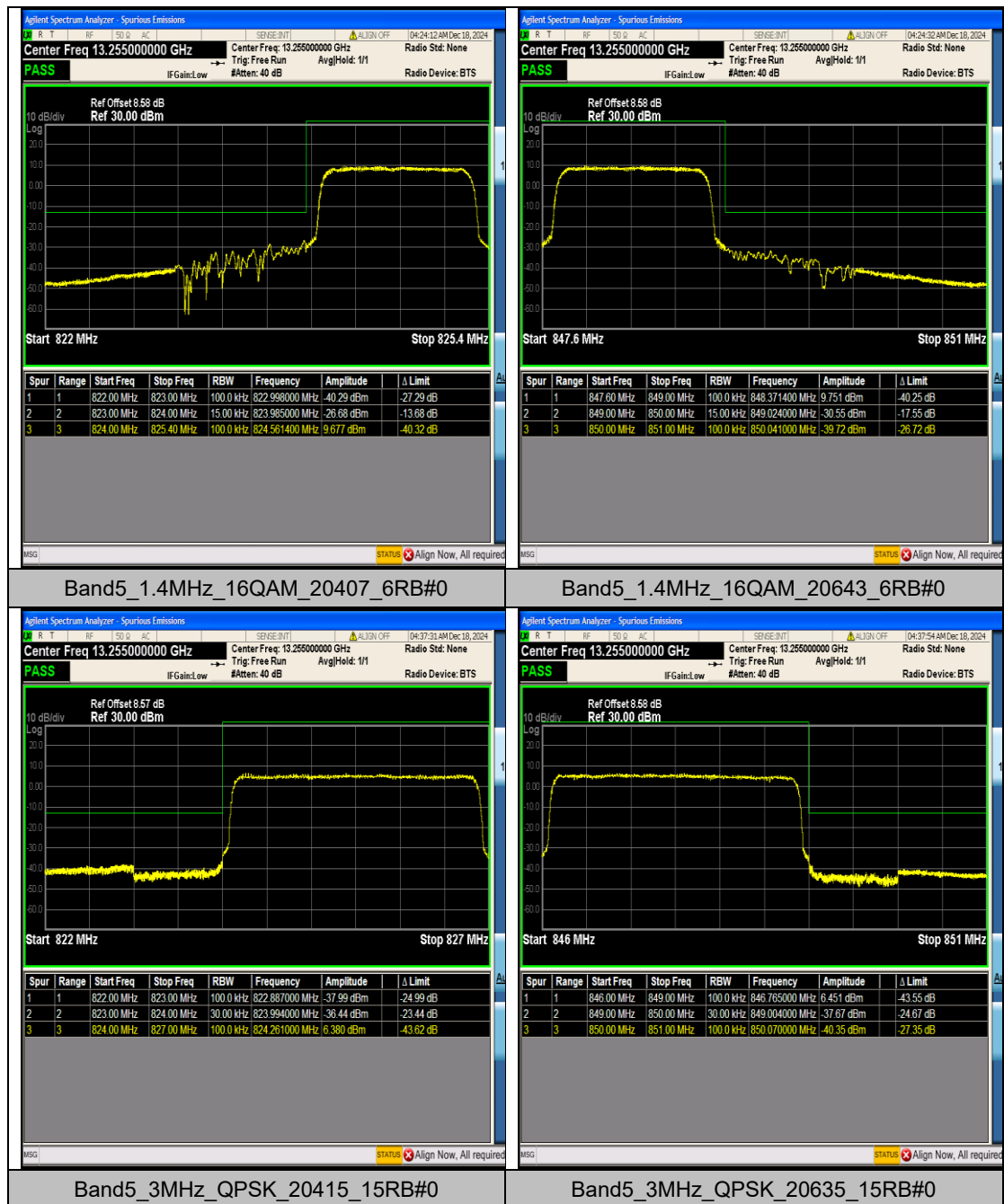
Appendix D: Band Edge

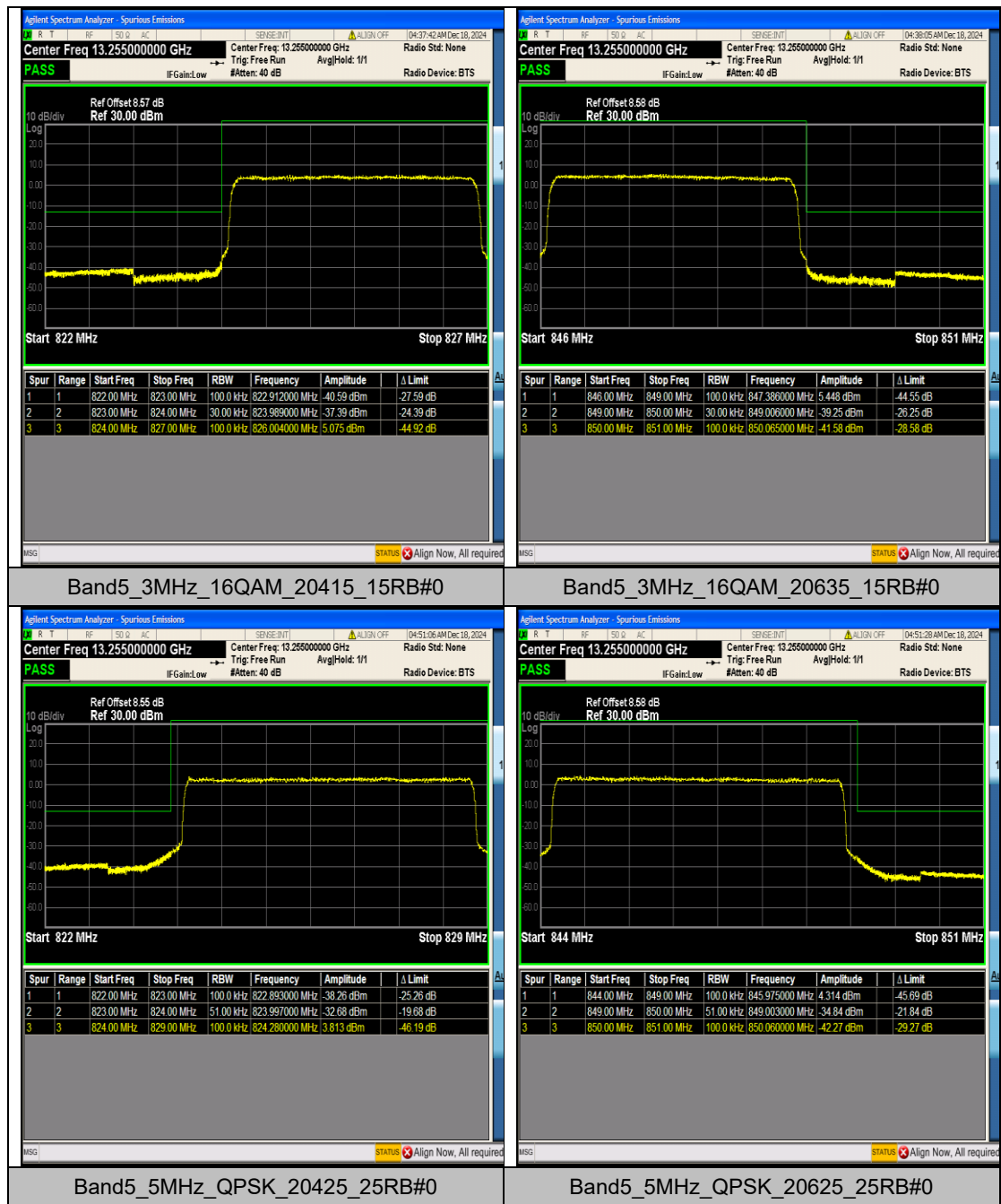
Test Result

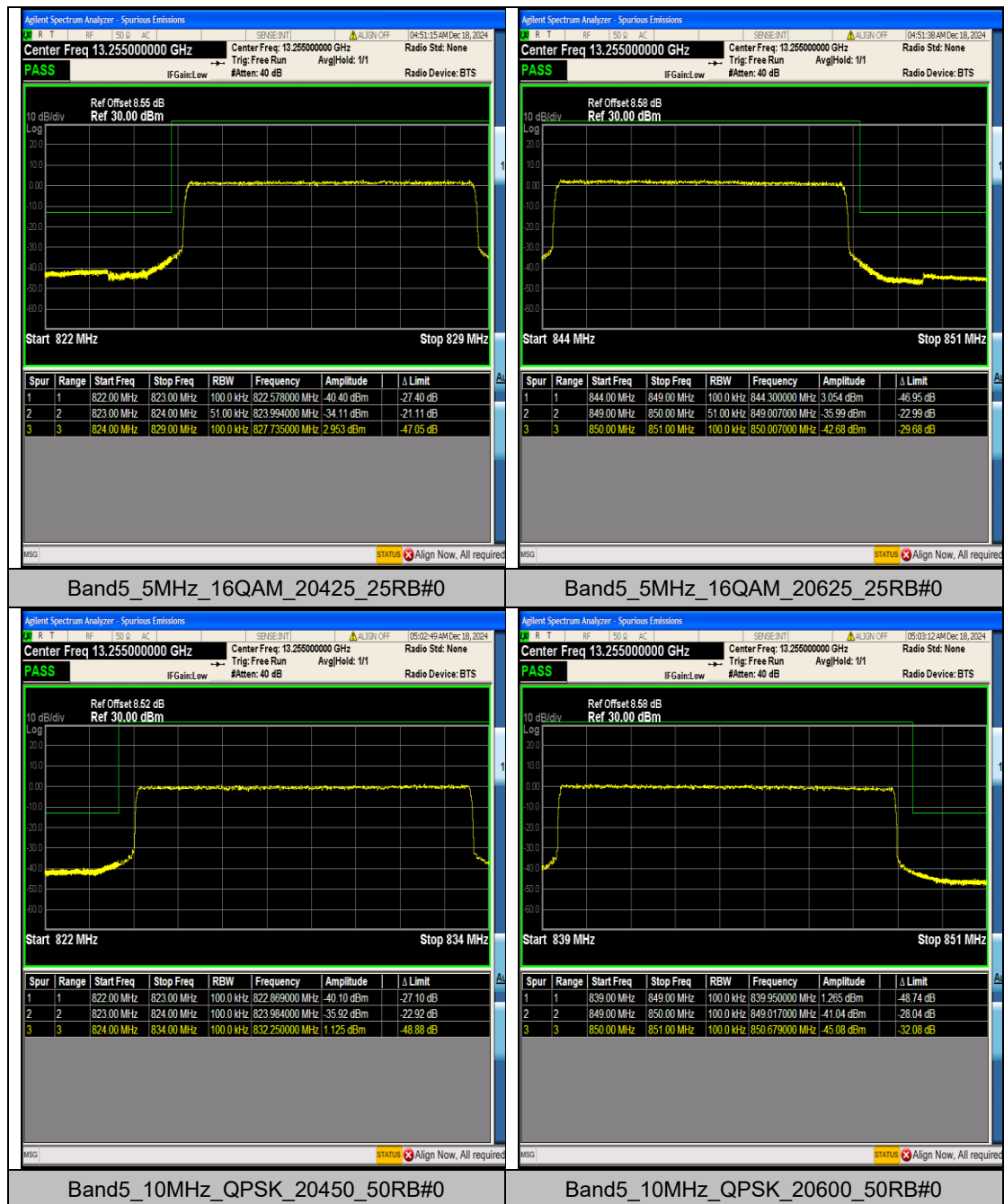
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-31.33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.72	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.68	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.55	PASS
Band5	3MHz	QPSK	20415	15RB#0	-36.44	PASS
Band5	3MHz	QPSK	20635	15RB#0	-37.67	PASS
Band5	3MHz	16QAM	20415	15RB#0	-37.39	PASS
Band5	3MHz	16QAM	20635	15RB#0	-39.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.68	PASS
Band5	5MHz	QPSK	20625	25RB#0	-34.84	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.11	PASS
Band5	5MHz	16QAM	20625	25RB#0	-35.99	PASS
Band5	10MHz	QPSK	20450	50RB#0	-35.92	PASS
Band5	10MHz	QPSK	20600	50RB#0	-41.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	-38.94	PASS
Band5	10MHz	16QAM	20600	50RB#0	-40.89	PASS

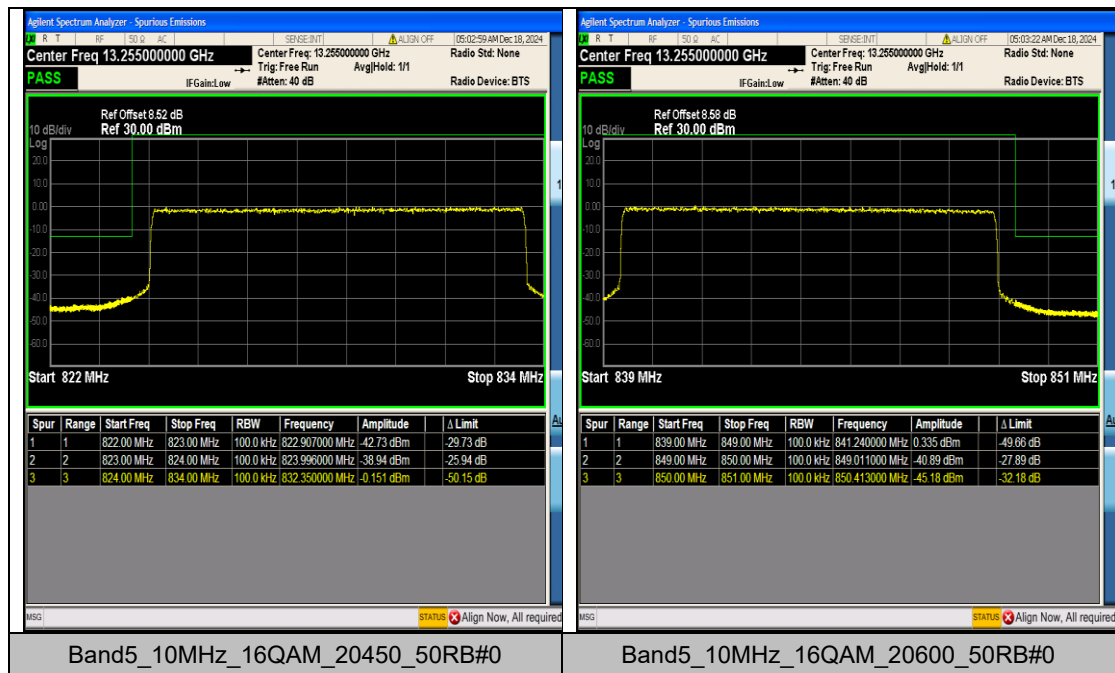
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-41.87	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-54.09	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-49.10	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-44.92	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-43.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-43.50	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-53.89	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-50.65	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-45.24	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-43.47	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-41.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-53.07	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-45.66	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-44.80	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-43.39	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-40.49	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-52.56	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-49.63	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-45.12	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-43.70	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-42.68	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-52.49	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-51.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-46.23	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.21	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-42.73	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-56.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-48.54	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.00	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-43.85	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-53.00	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-50.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.84	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-41.22	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-51.58	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-52.27	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-47.09	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.63	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-42.13	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-52.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-49.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.47	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-38.87	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-52.71	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-52.60	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-46.85	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.34	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-42.59	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-51.89	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.69	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-46.73	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.77	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-44.29	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-53.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-51.25	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.82	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.72	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-43.62	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-52.19	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-51.93	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-46.93	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.30	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-40.15	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-52.69	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-54.71	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-47.17	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.50	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-44.97	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-53.92	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-52.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.72	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.32	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-41.09	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-54.32	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-54.47	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-47.26	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.64	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-42.42	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-53.28	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-47.98	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-46.85	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.18	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-41.72	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-53.78	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-54.14	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.36	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-40.74	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-52.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-61.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-47.15	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.19	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-41.56	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-51.81	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-51.92	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-47.05	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.40	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-43.33	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-53.32	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-56.22	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.57	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-40.77	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-53.93	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-61.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-47.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-40.60	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-53.05	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-55.88	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.79	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.70	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-42.32	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-54.36	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-57.37	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-47.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-43.49	PASS

Test Graphs

