

FCC LTE Band Test Data

FCC ID : 2BCQ3FLY300

Company: : A3 MOBILE SAS

EUT : Mobile Phone

Model Number : FY-300

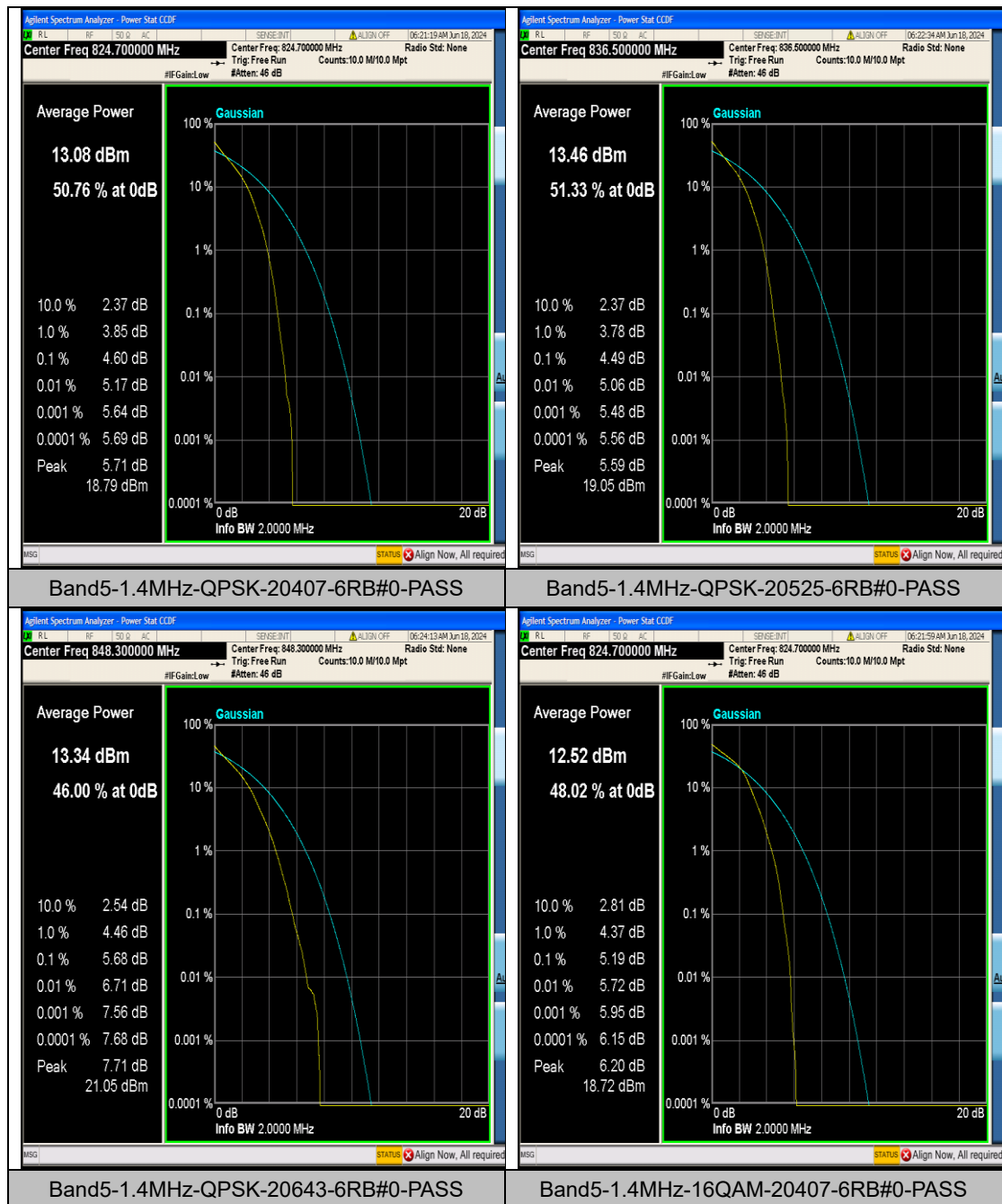
Reviewed By : Eric Wang

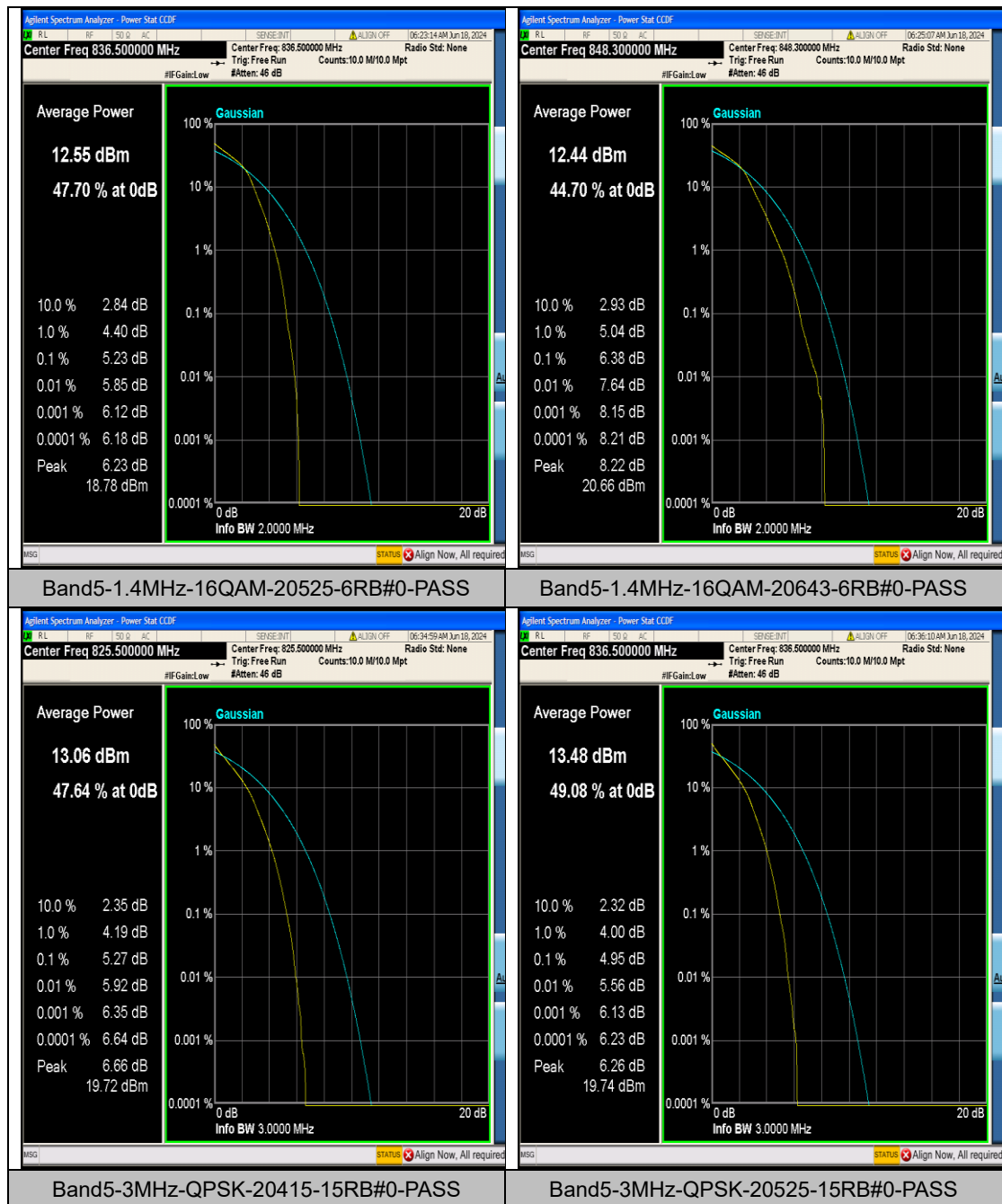
Appendix B: Peak-to-Average Ratio(CCDF)

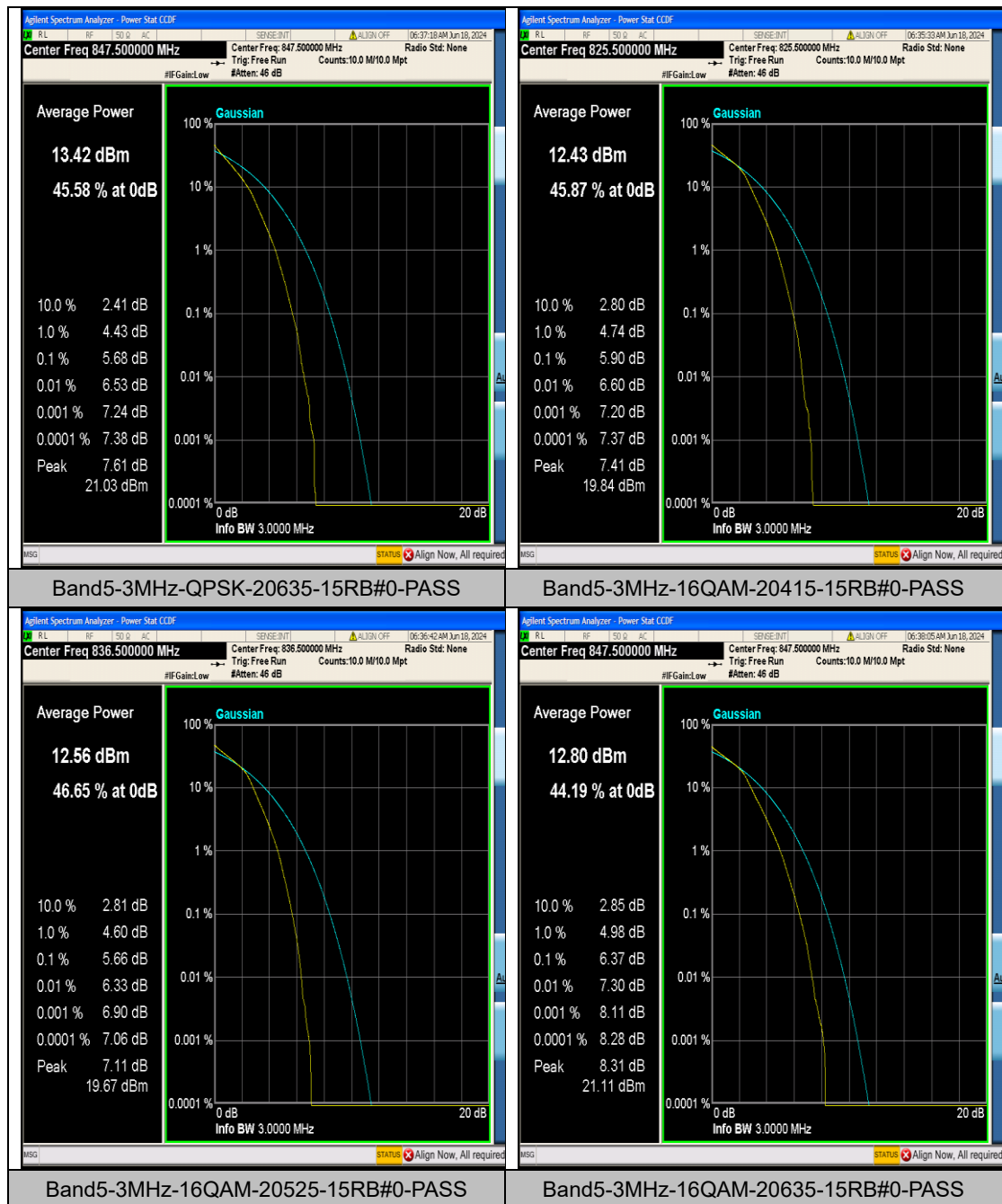
Test Result

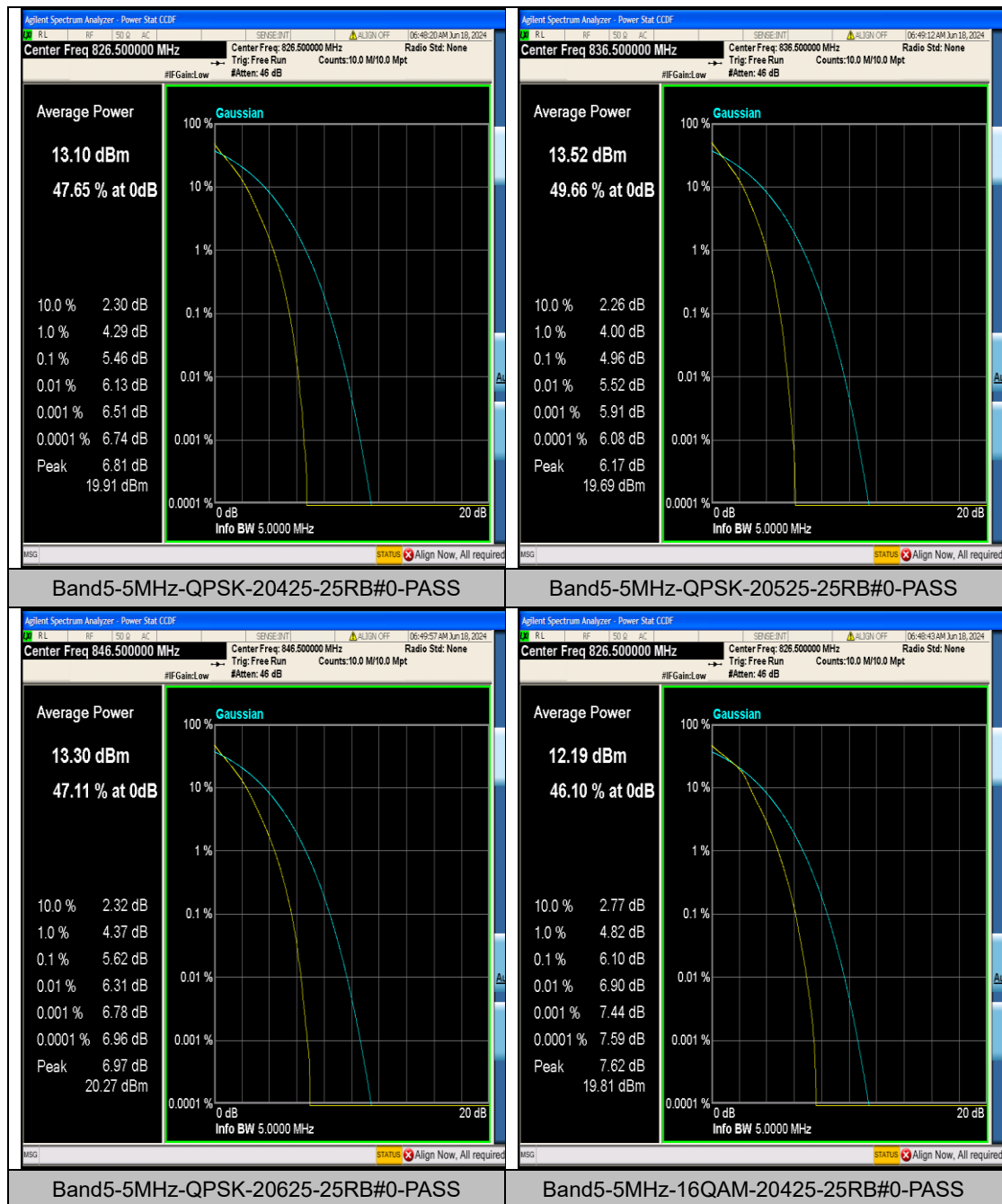
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.60	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.49	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.68	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.23	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.38	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.27	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.95	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.68	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.90	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.66	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.37	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.46	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.96	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.62	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.10	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.21	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.52	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.05	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.22	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.70	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.02	13	PASS

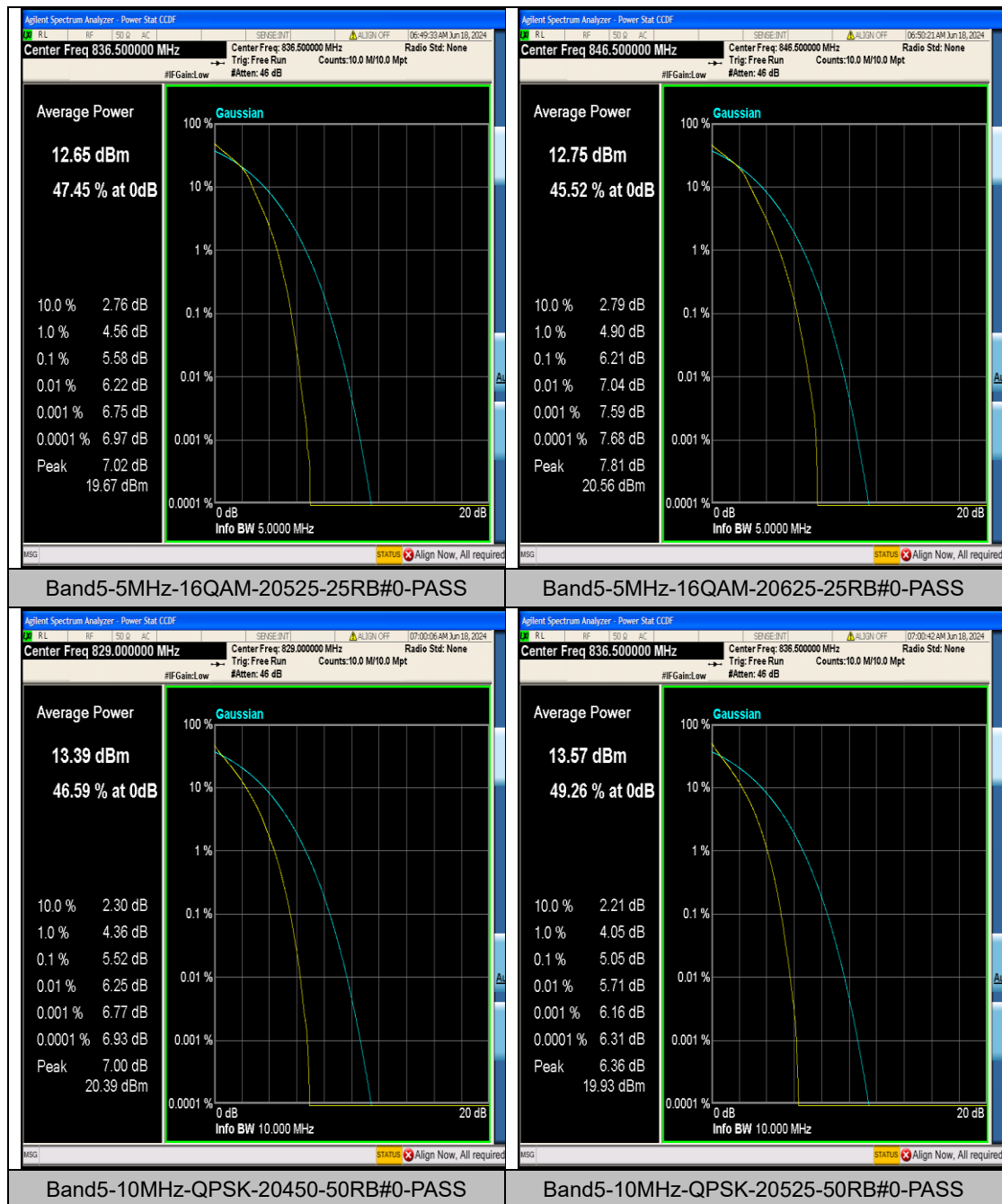
Test Graphs

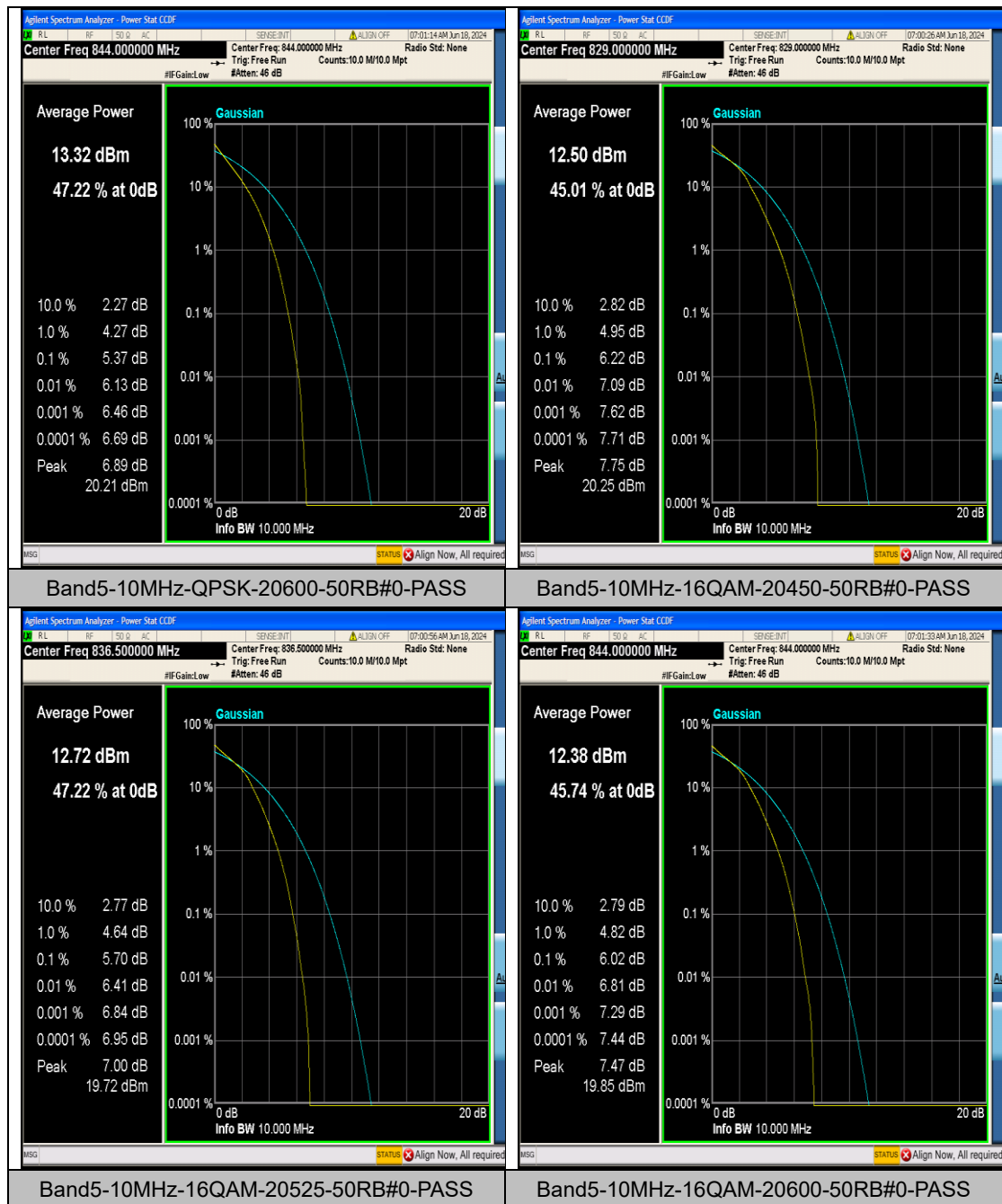










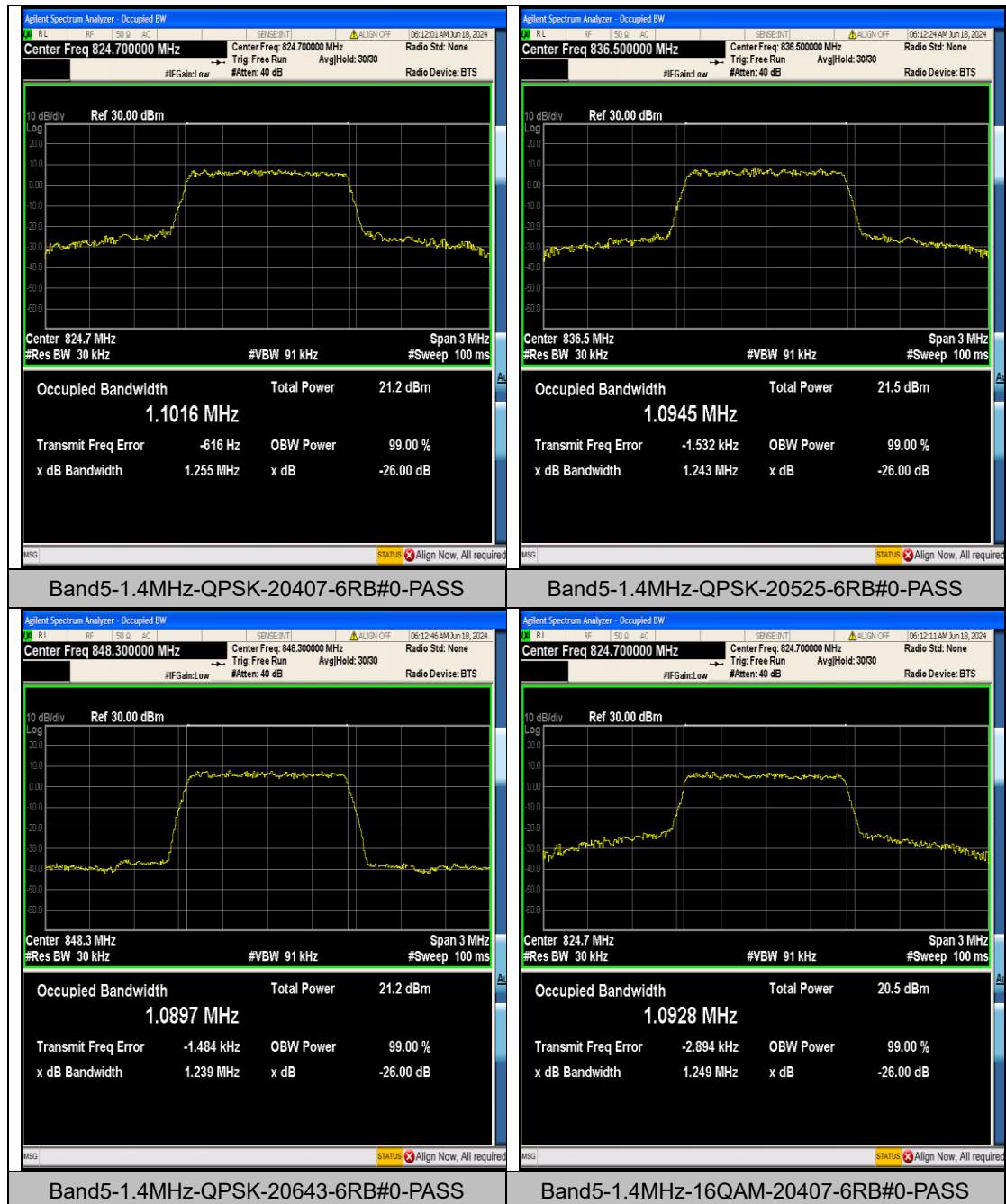


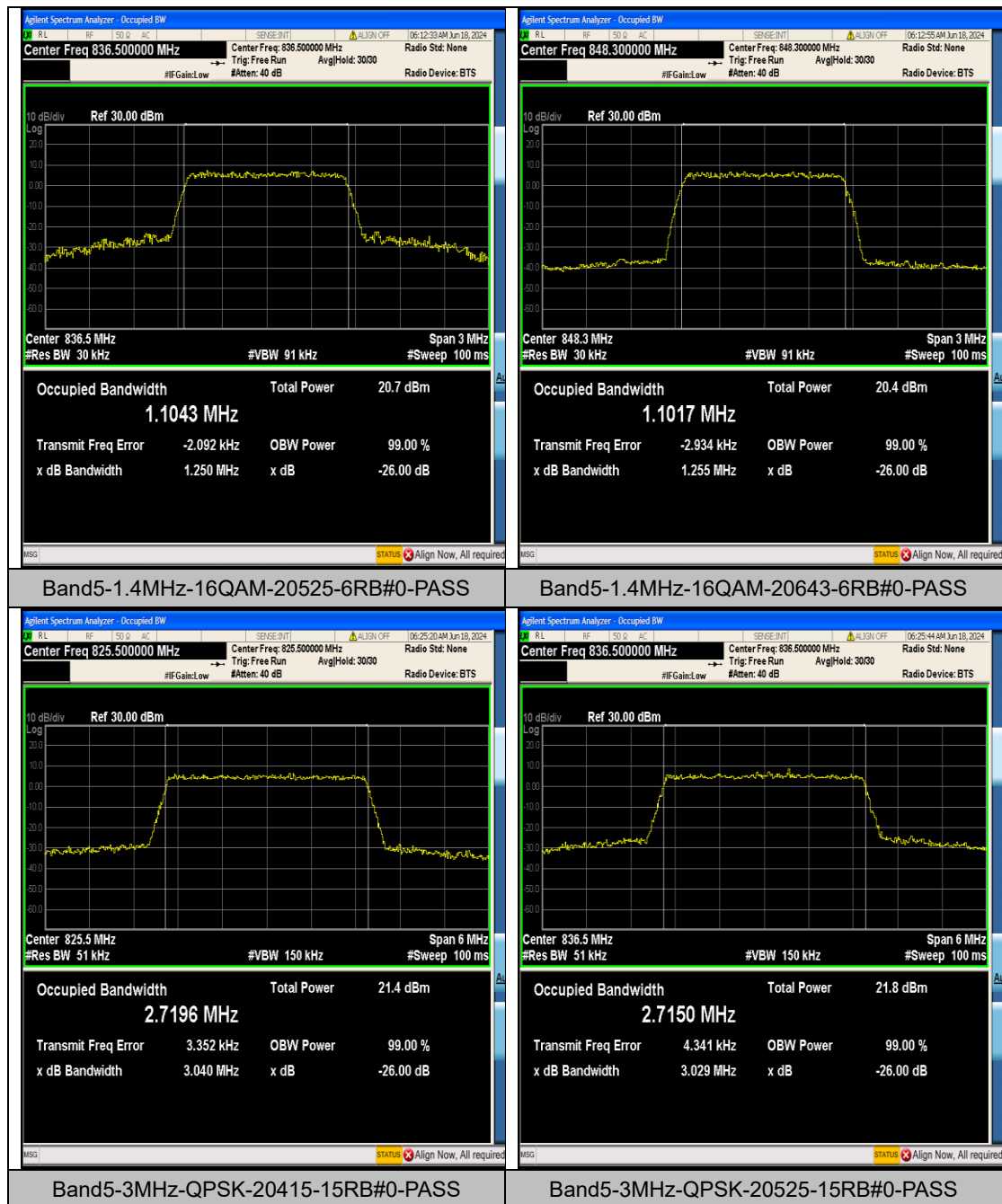
Appendix C: 26dB Bandwidth and Occupied Bandwidth

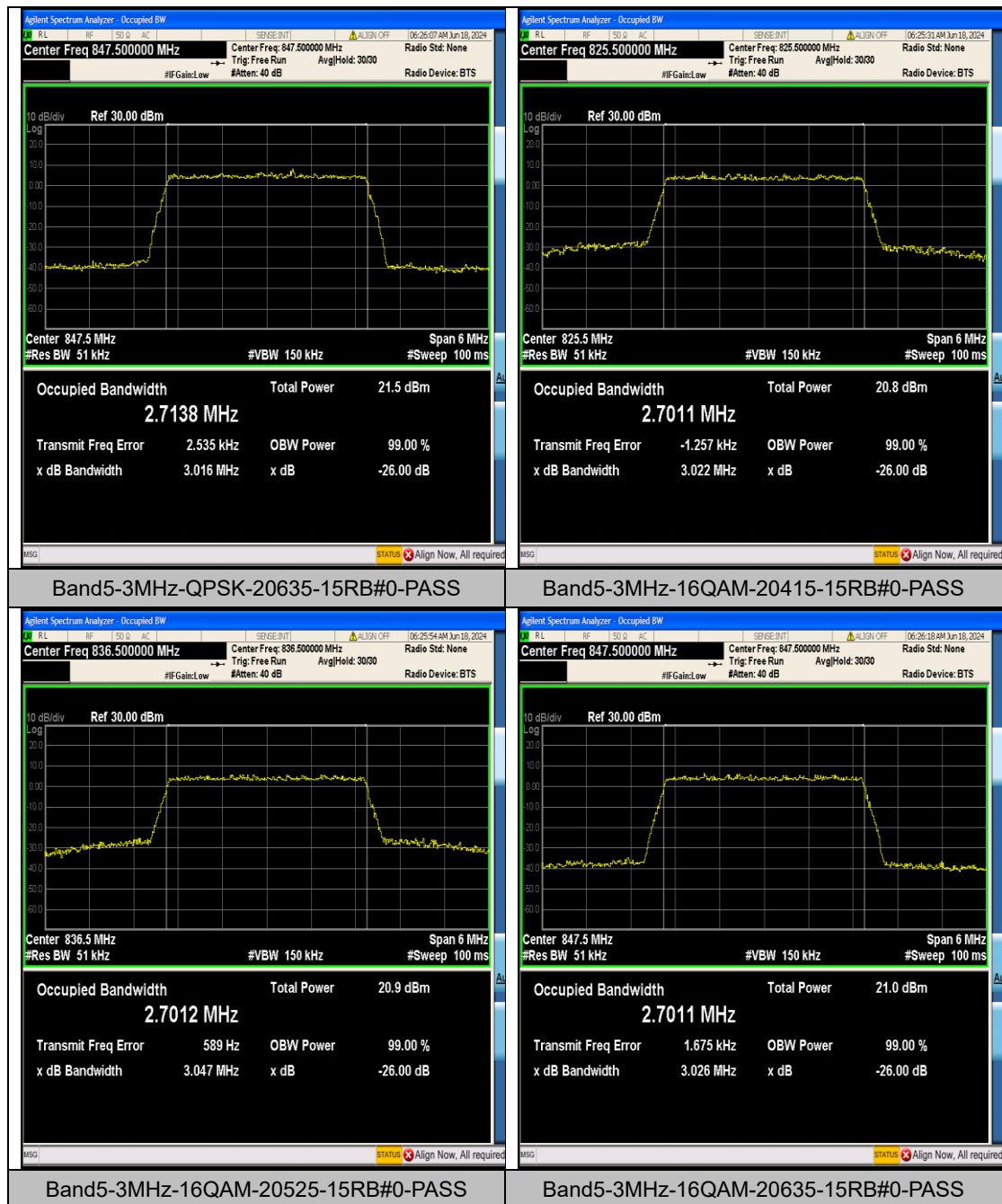
Test Result

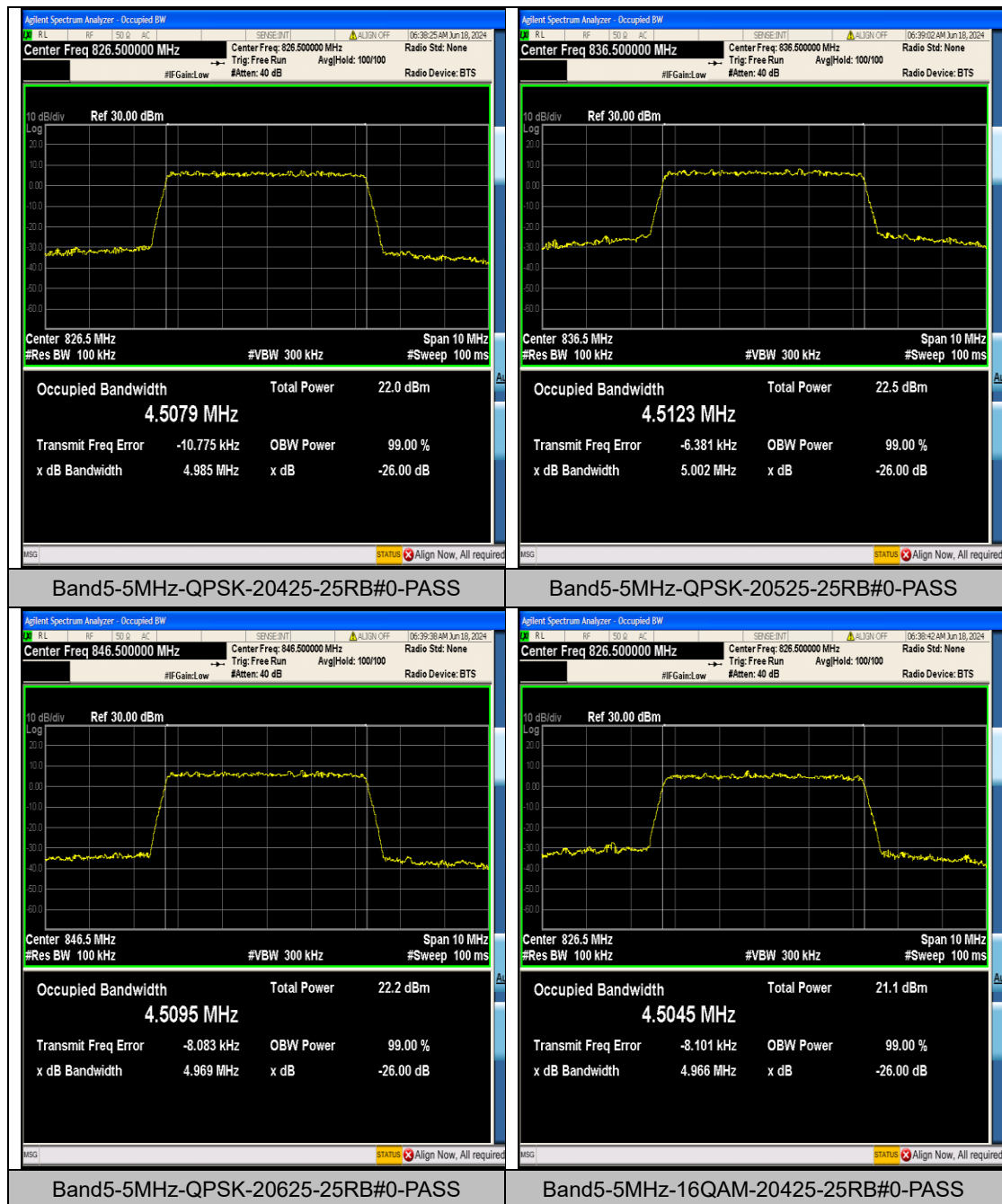
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1016	1.255	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0945	1.243	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0897	1.239	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0928	1.249	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1043	1.250	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1017	1.255	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7196	3.040	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7150	3.029	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7138	3.016	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7011	3.022	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7012	3.047	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7011	3.026	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5079	4.985	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5123	5.002	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5095	4.969	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5045	4.966	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5086	4.979	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5007	4.963	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0031	9.924	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9877	9.937	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0067	9.917	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0044	9.933	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9892	9.928	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0016	9.949	PASS

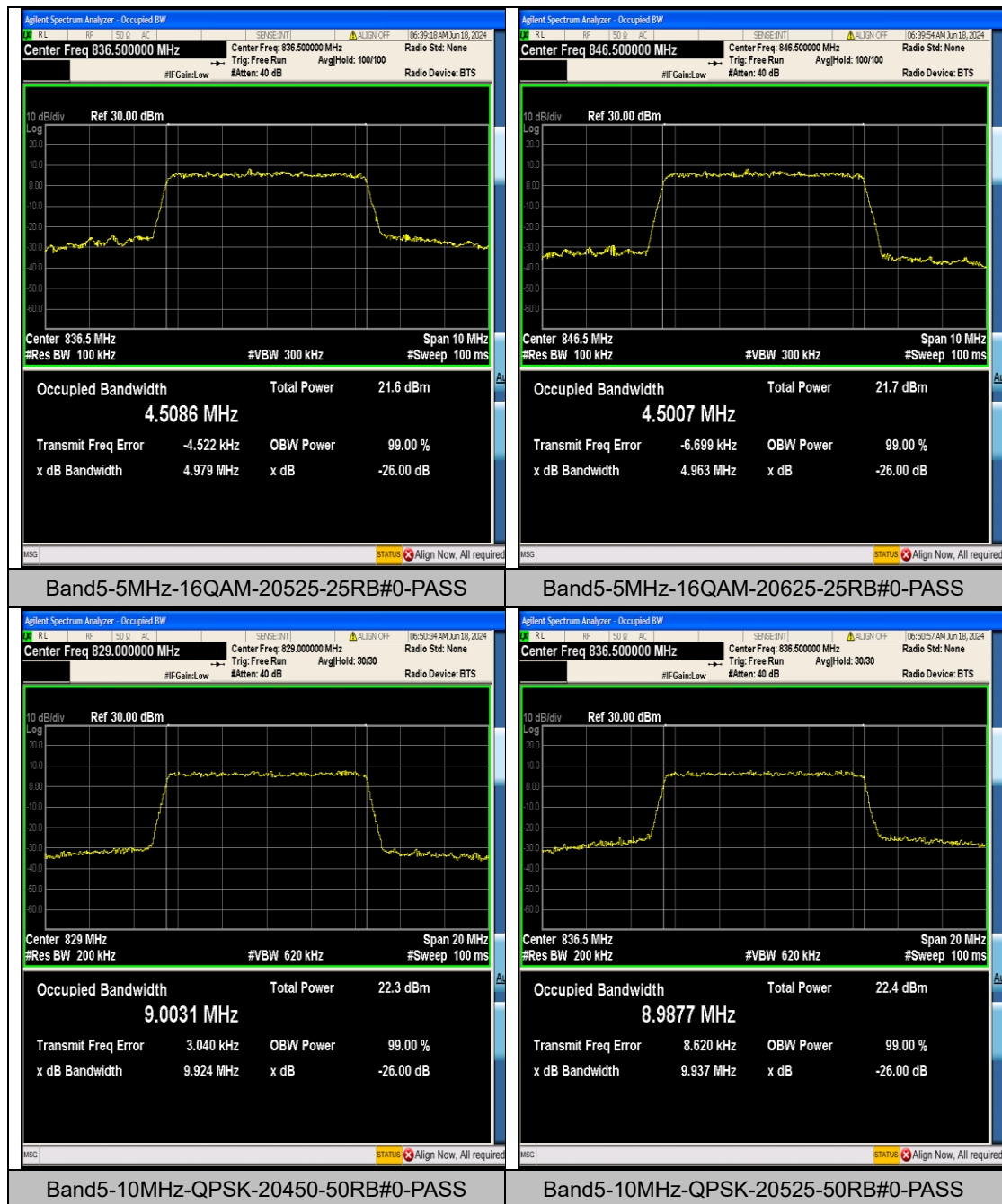
Test Graphs

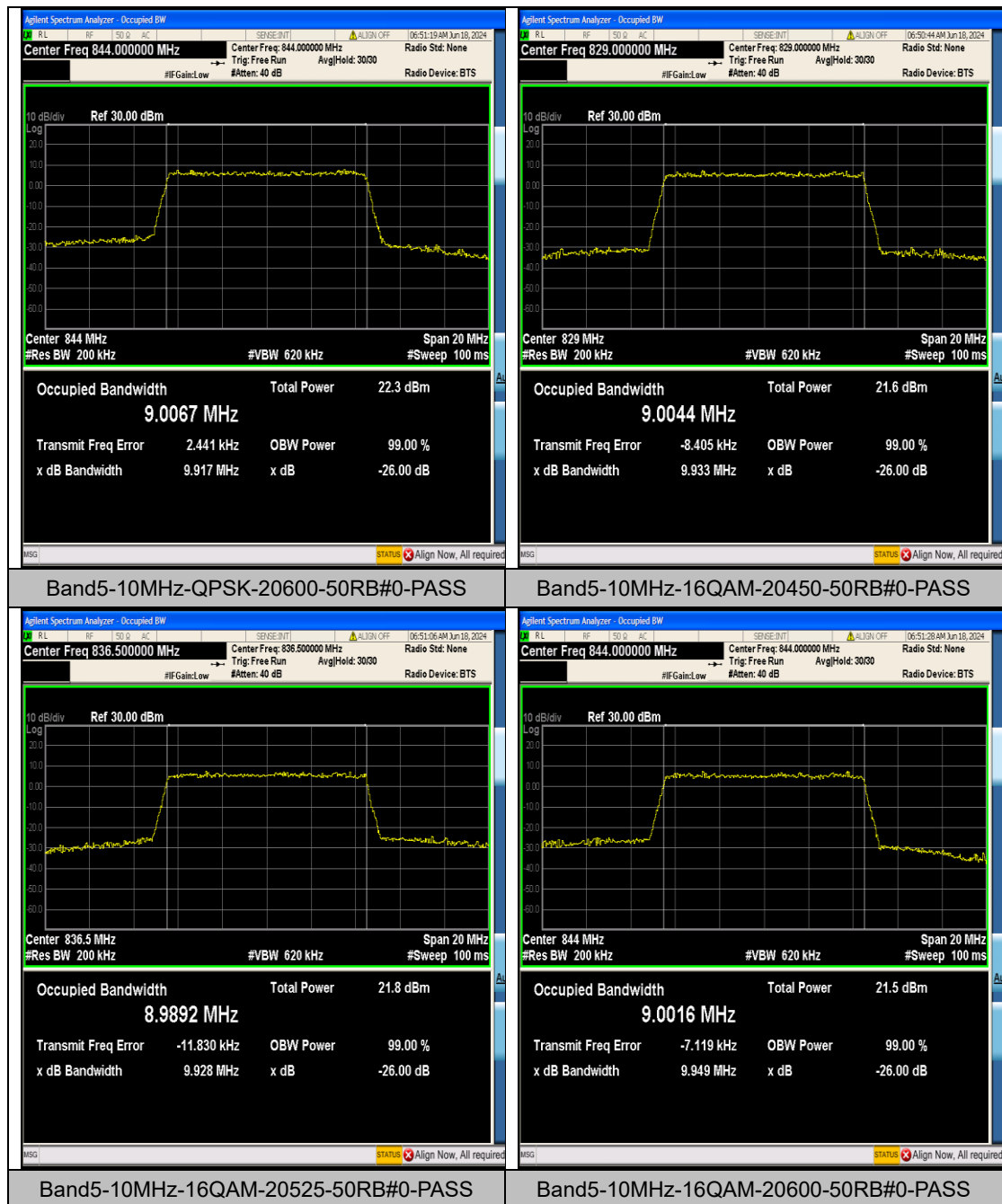










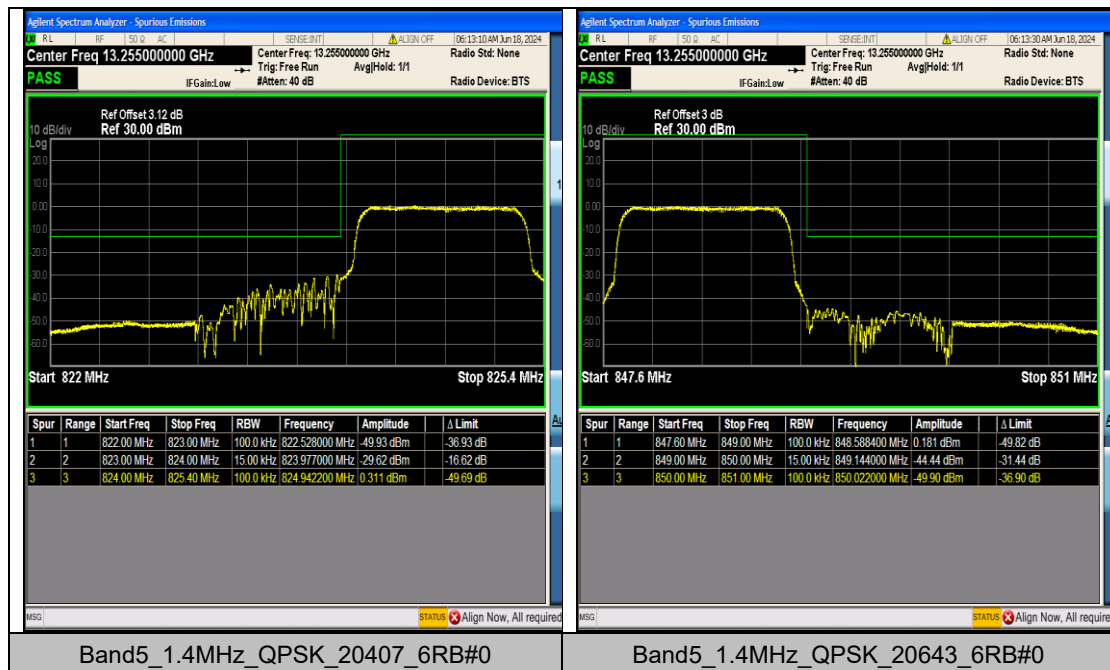


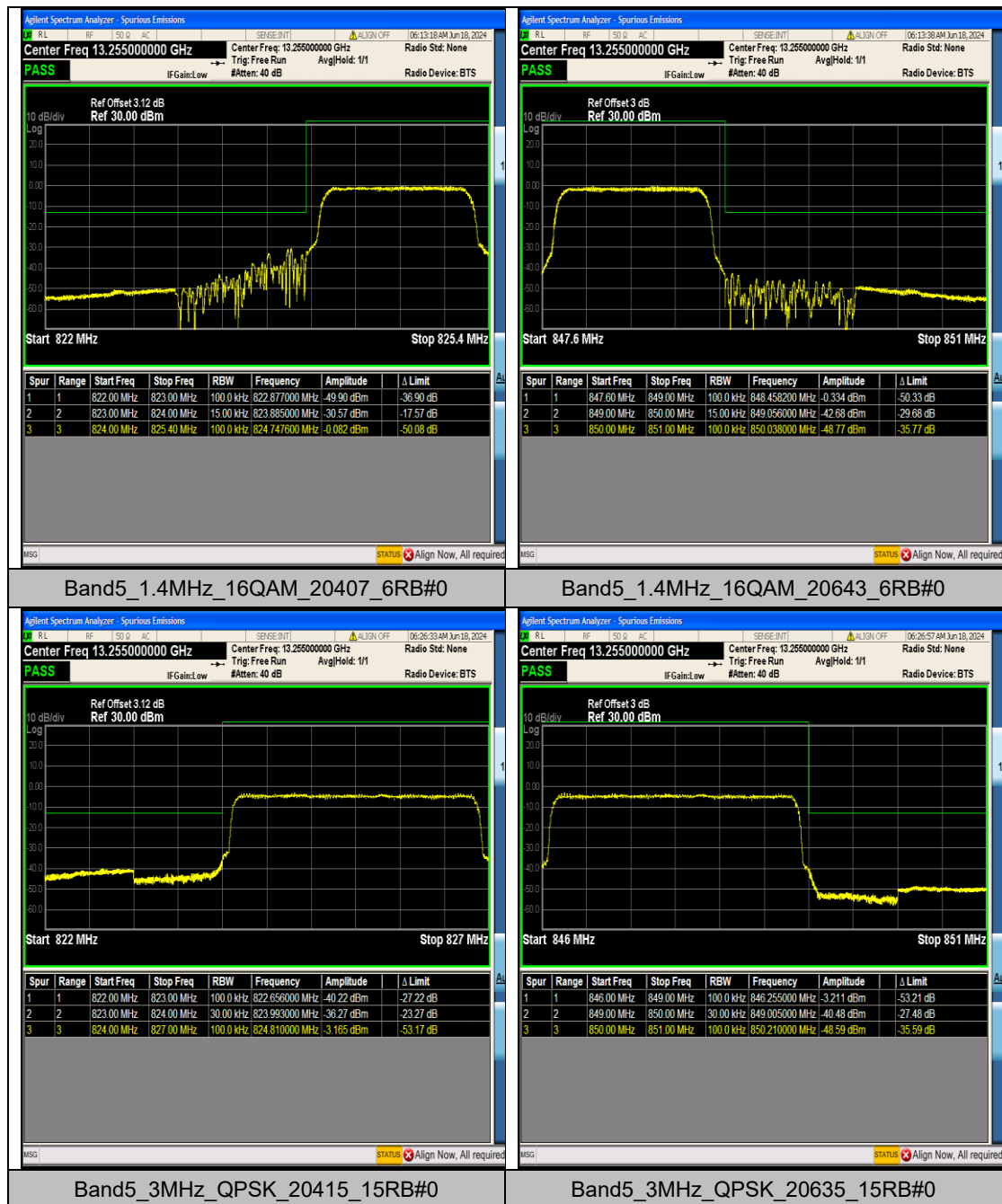
Appendix D: Band Edge

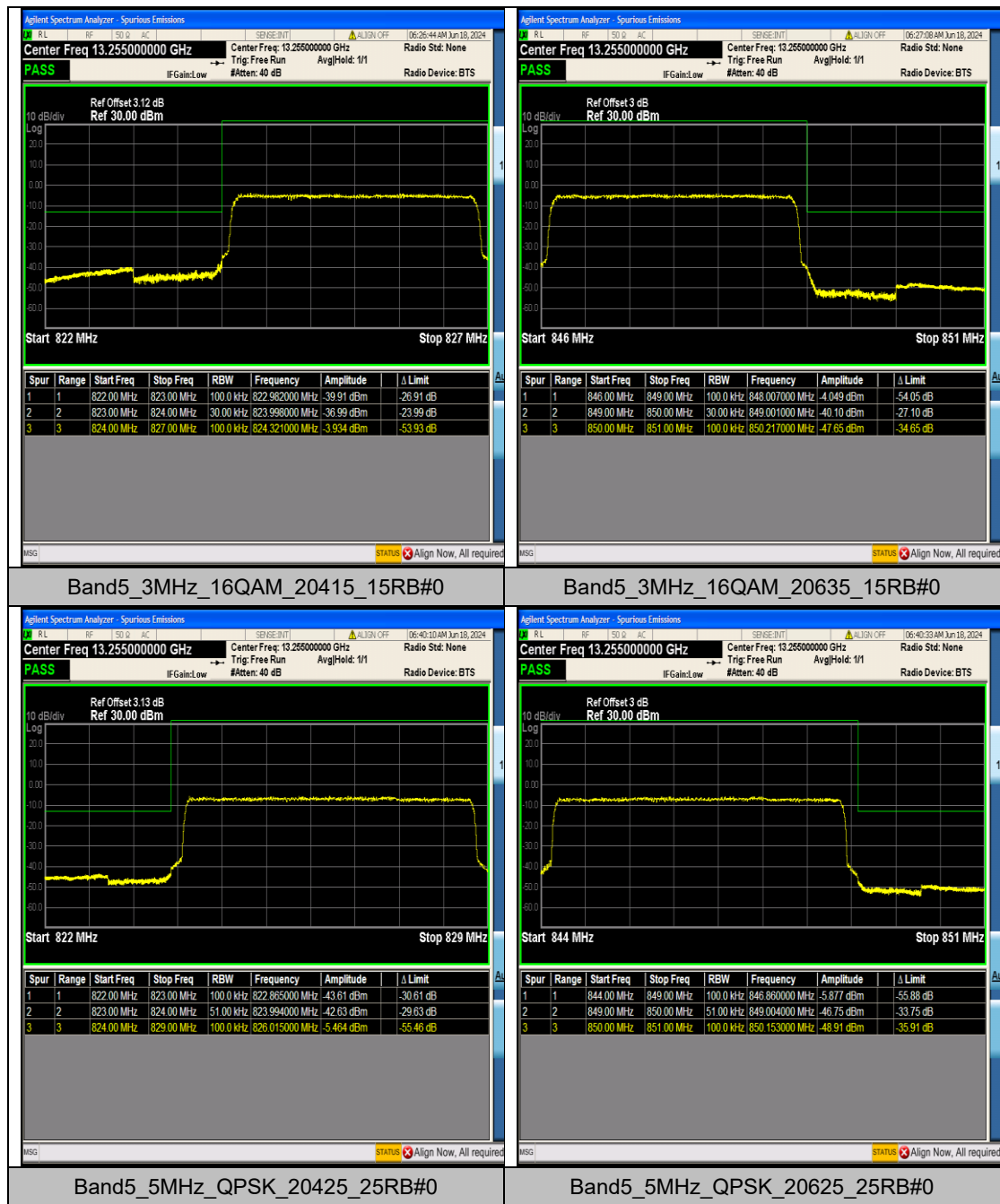
Test Result

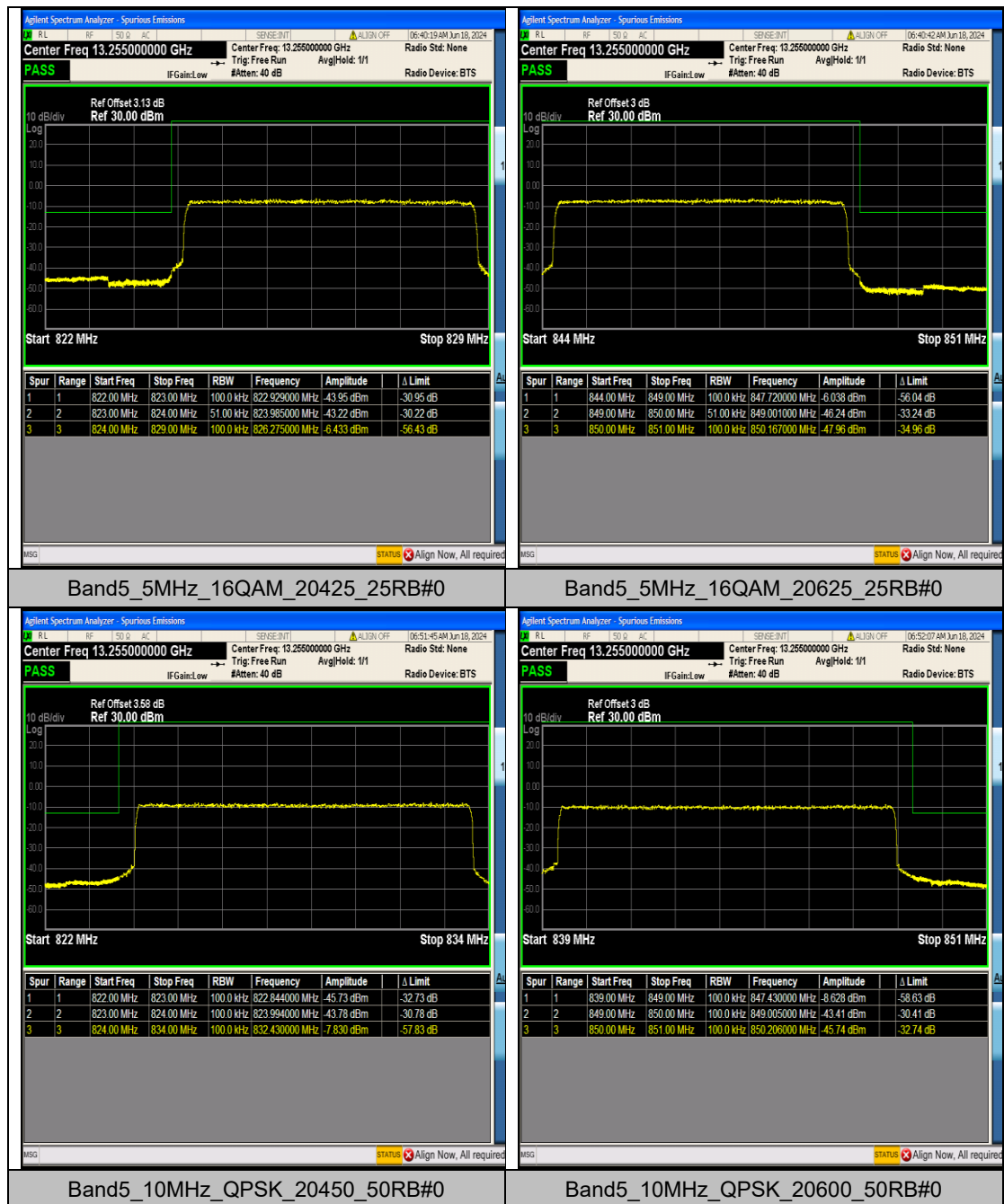
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.62	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-44.44	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.57	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-42.68	PASS
Band5	3MHz	QPSK	20415	15RB#0	-36.27	PASS
Band5	3MHz	QPSK	20635	15RB#0	-40.48	PASS
Band5	3MHz	16QAM	20415	15RB#0	-36.99	PASS
Band5	3MHz	16QAM	20635	15RB#0	-40.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	-42.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	-46.75	PASS
Band5	5MHz	16QAM	20425	25RB#0	-43.22	PASS
Band5	5MHz	16QAM	20625	25RB#0	-46.24	PASS
Band5	10MHz	QPSK	20450	50RB#0	-43.78	PASS
Band5	10MHz	QPSK	20600	50RB#0	-43.41	PASS
Band5	10MHz	16QAM	20450	50RB#0	-44.82	PASS
Band5	10MHz	16QAM	20600	50RB#0	-44.75	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	-46.05	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-59.58	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-55.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-52.31	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.02	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-48.41	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-57.17	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-55.65	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-52.55	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-49.71	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-47.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-57.10	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-54.44	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-52.38	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-49.84	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-44.71	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-59.19	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-56.16	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-52.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-49.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-46.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-60.59	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-56.10	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-52.65	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-50.11	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-47.79	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-57.90	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-56.11	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-52.58	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-50.11	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-49.58	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-57.62	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-59.59	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.40	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.76	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-47.45	PASS

Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-58.02	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-57.12	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.79	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-49.37	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-45.48	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-57.81	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-56.39	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-50.14	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-46.97	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-58.86	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-61.14	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.99	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-49.90	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-47.81	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-58.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-57.80	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.52	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-49.91	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-47.55	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-58.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-56.87	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.58	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-49.85	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-47.83	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-57.96	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-61.85	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-52.63	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-49.67	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-46.58	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-58.27	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-58.89	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.63	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-50.17	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-46.89	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-57.91	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-56.85	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.46	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-50.04	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-46.78	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-57.95	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-62.56	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.74	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-49.82	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-48.43	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-56.95	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-59.91	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.61	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-49.99	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-47.39	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-59.09	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-58.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-49.66	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-45.43	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-60.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-64.49	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-50.01	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-50.32	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-58.73	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-66.69	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.57	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-50.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-47.70	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-60.74	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-61.92	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.65	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-49.94	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-48.98	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-59.59	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-63.83	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-52.68	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-49.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-49.75	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-59.85	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-66.58	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.33	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-49.80	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-47.62	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-60.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-61.99	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-49.66	PASS

Test Graphs

