

FCC LTE Band Test Data

FCC ID : 2A7YZ-CUL8JN

Company: : Shenzhen Alldocube Science and Technology Co., Ltd.

EUT : Pad

Model Number : CUL8JN

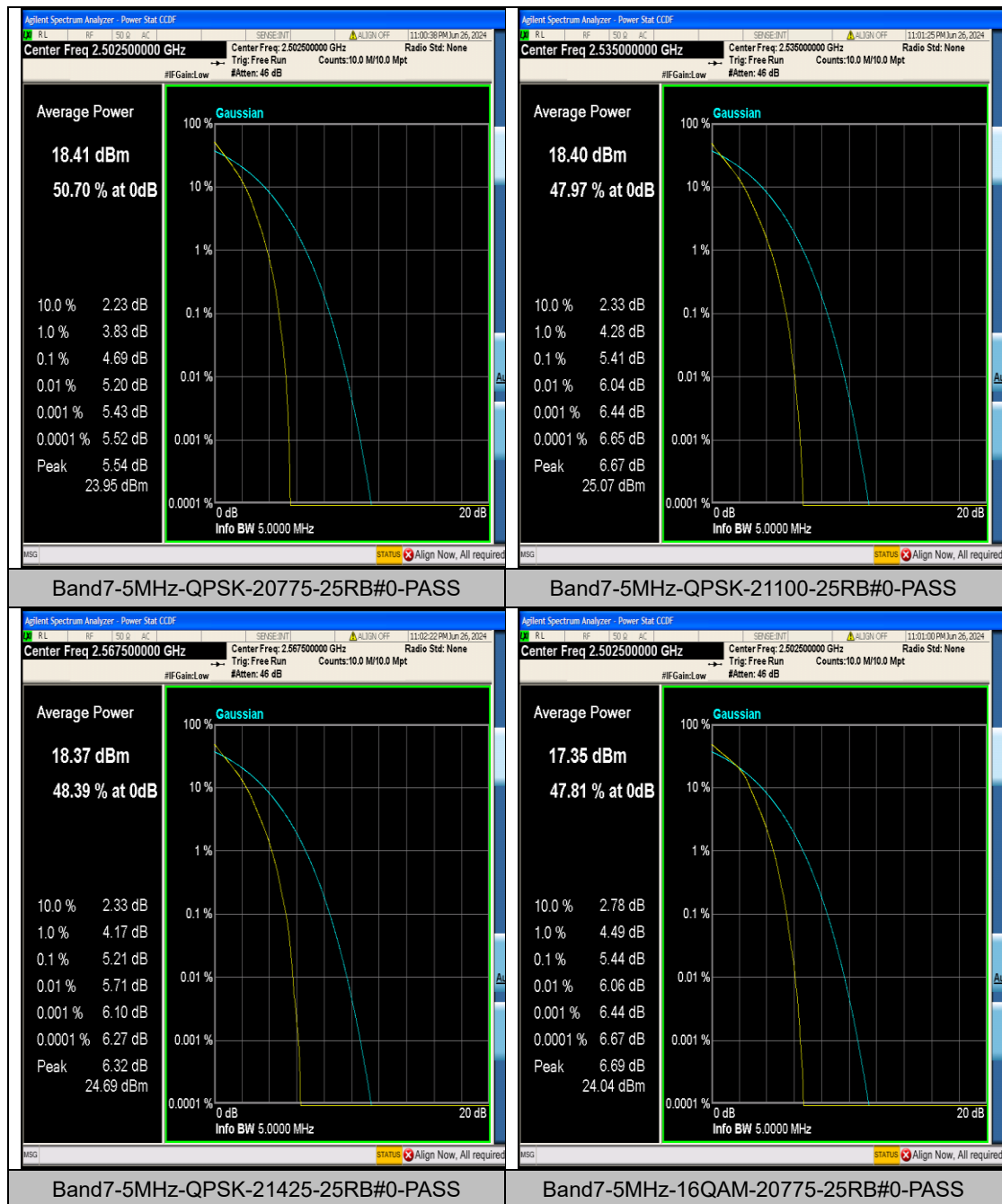
Reviewed By : Eric Wang

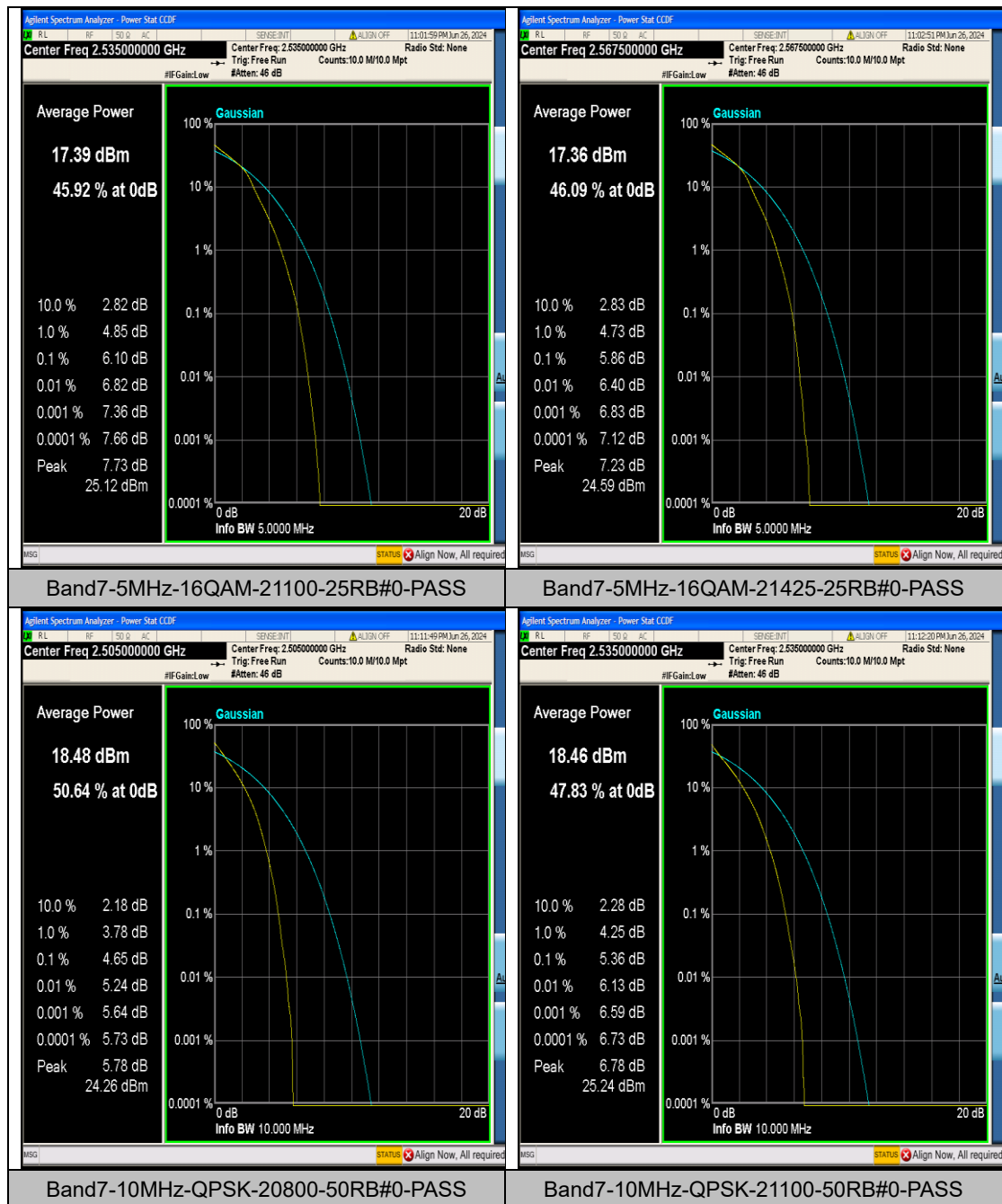
Appendix B: Peak-to-Average Ratio(CCDF)

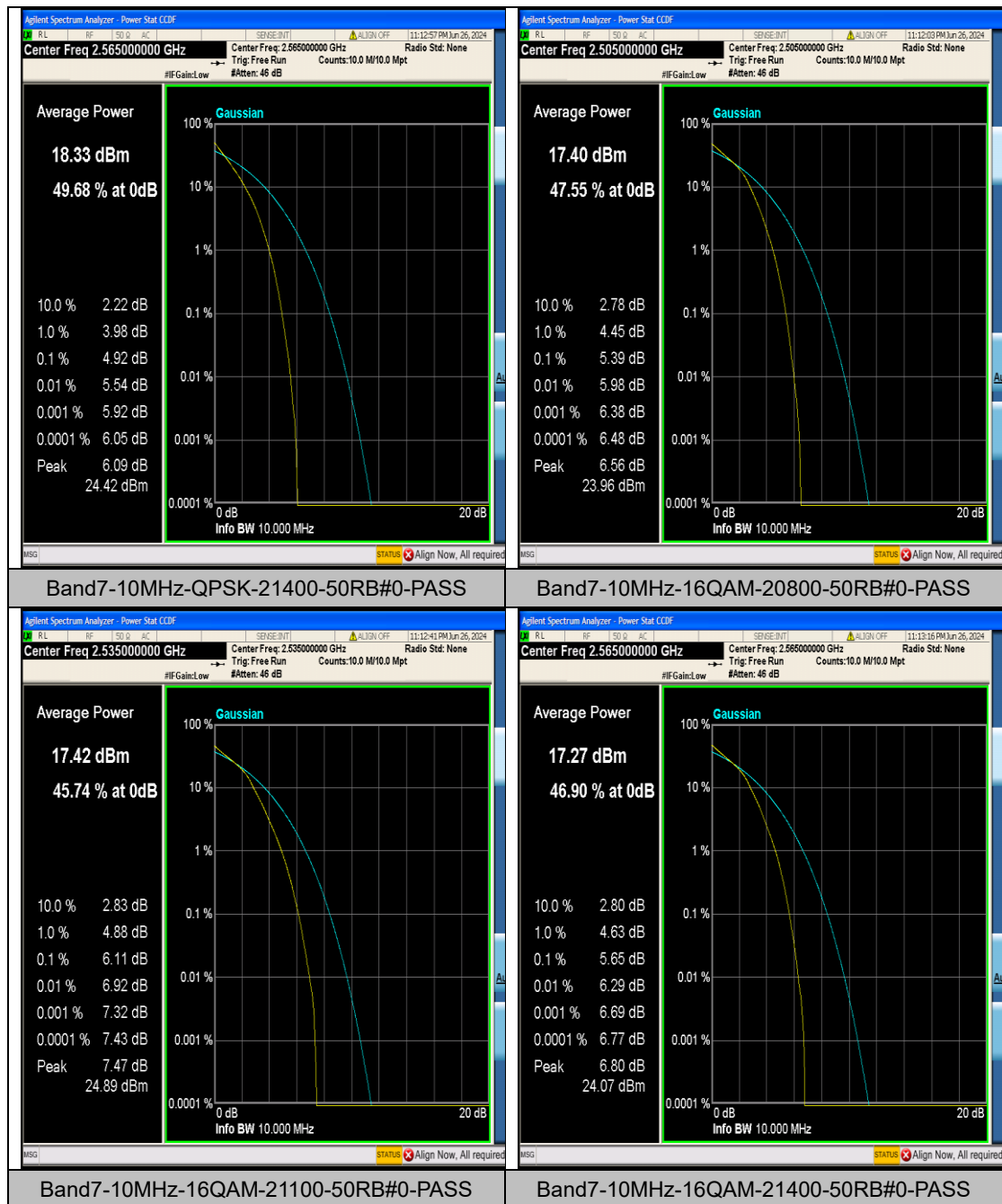
Test Result

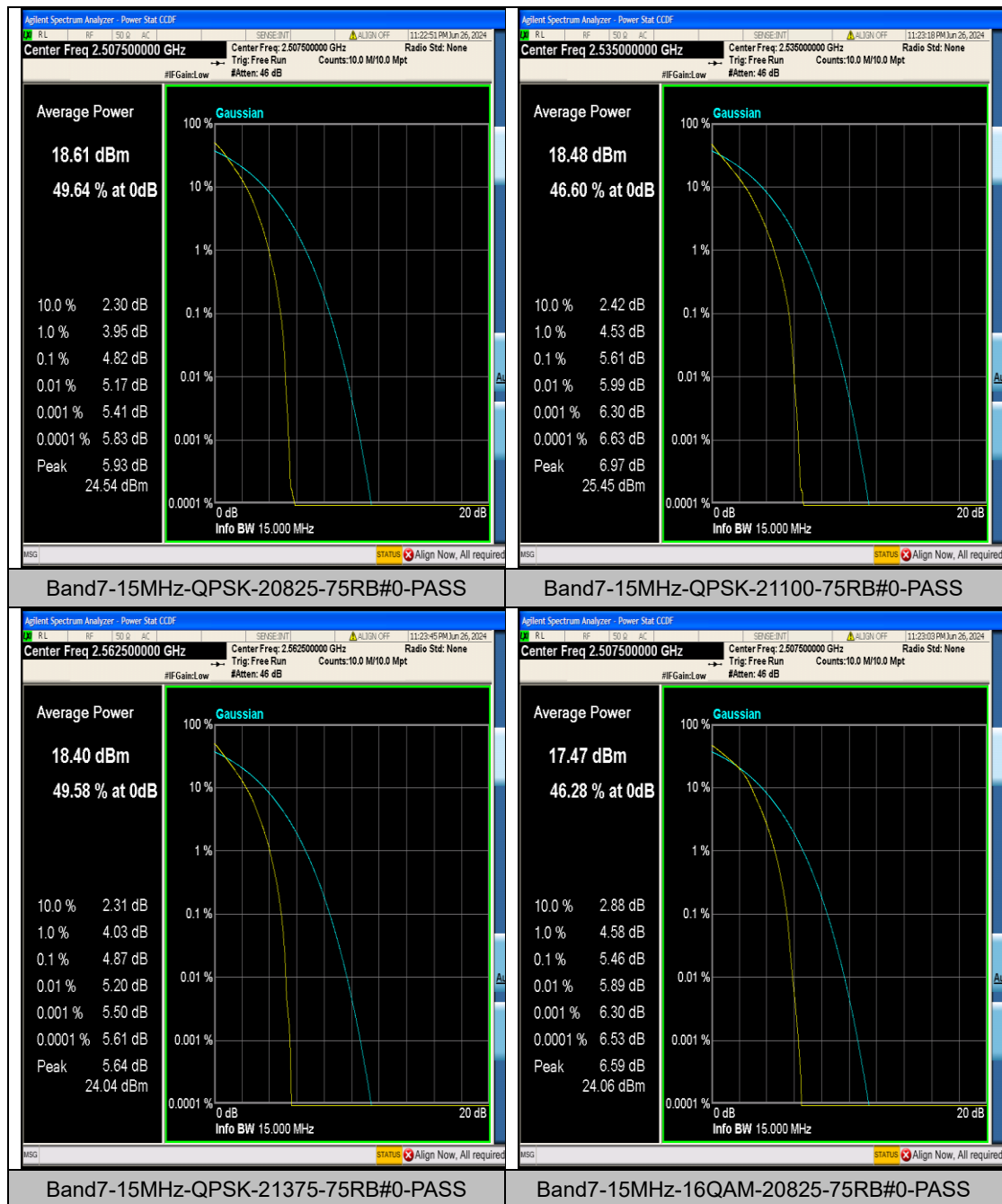
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.69	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.41	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.21	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.44	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.10	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.86	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.65	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.36	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.92	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.39	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.11	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.65	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.82	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.61	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.87	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.46	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.16	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.53	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.67	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.24	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.64	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.41	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.05	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.38	13	PASS

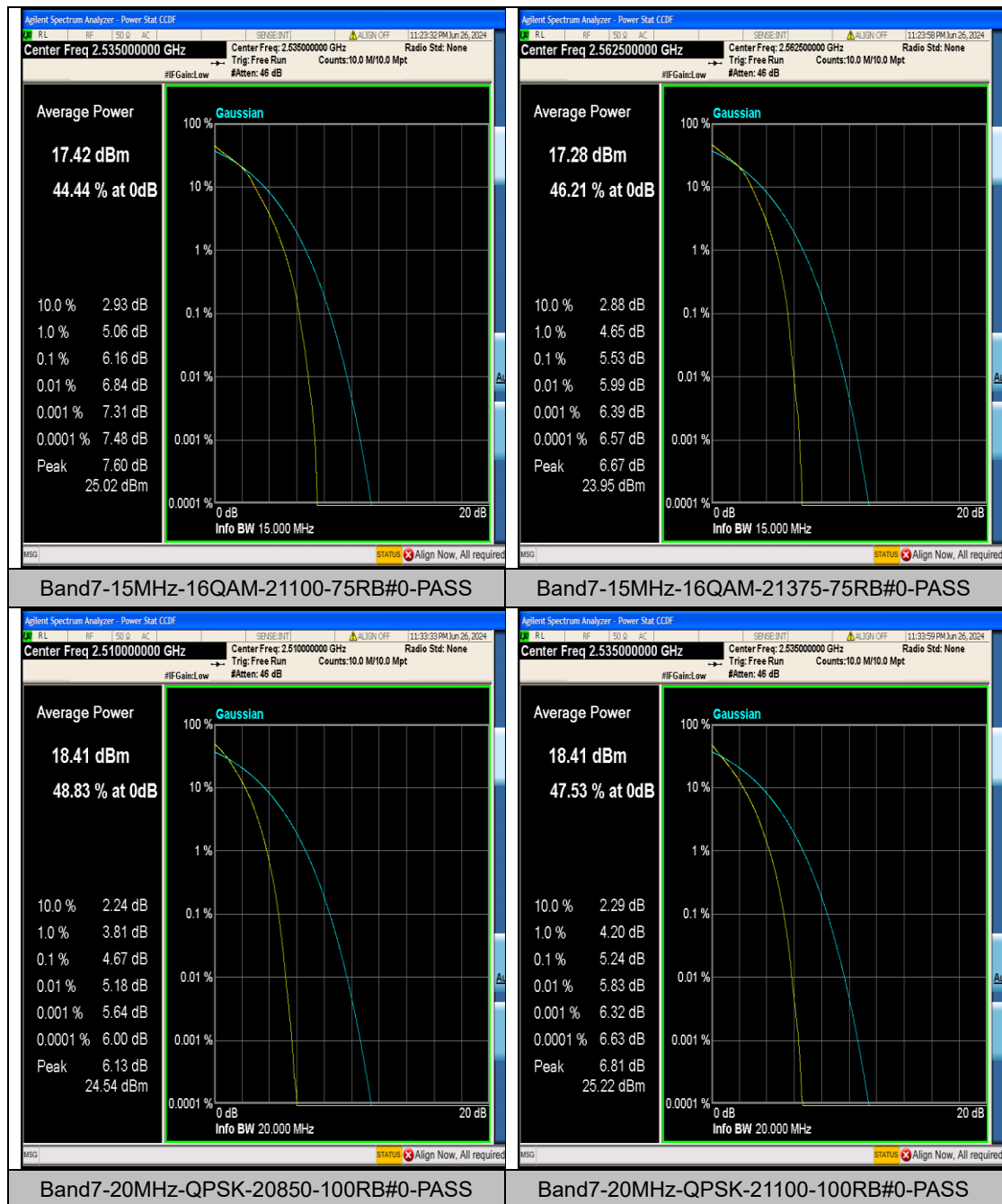
Test Graphs

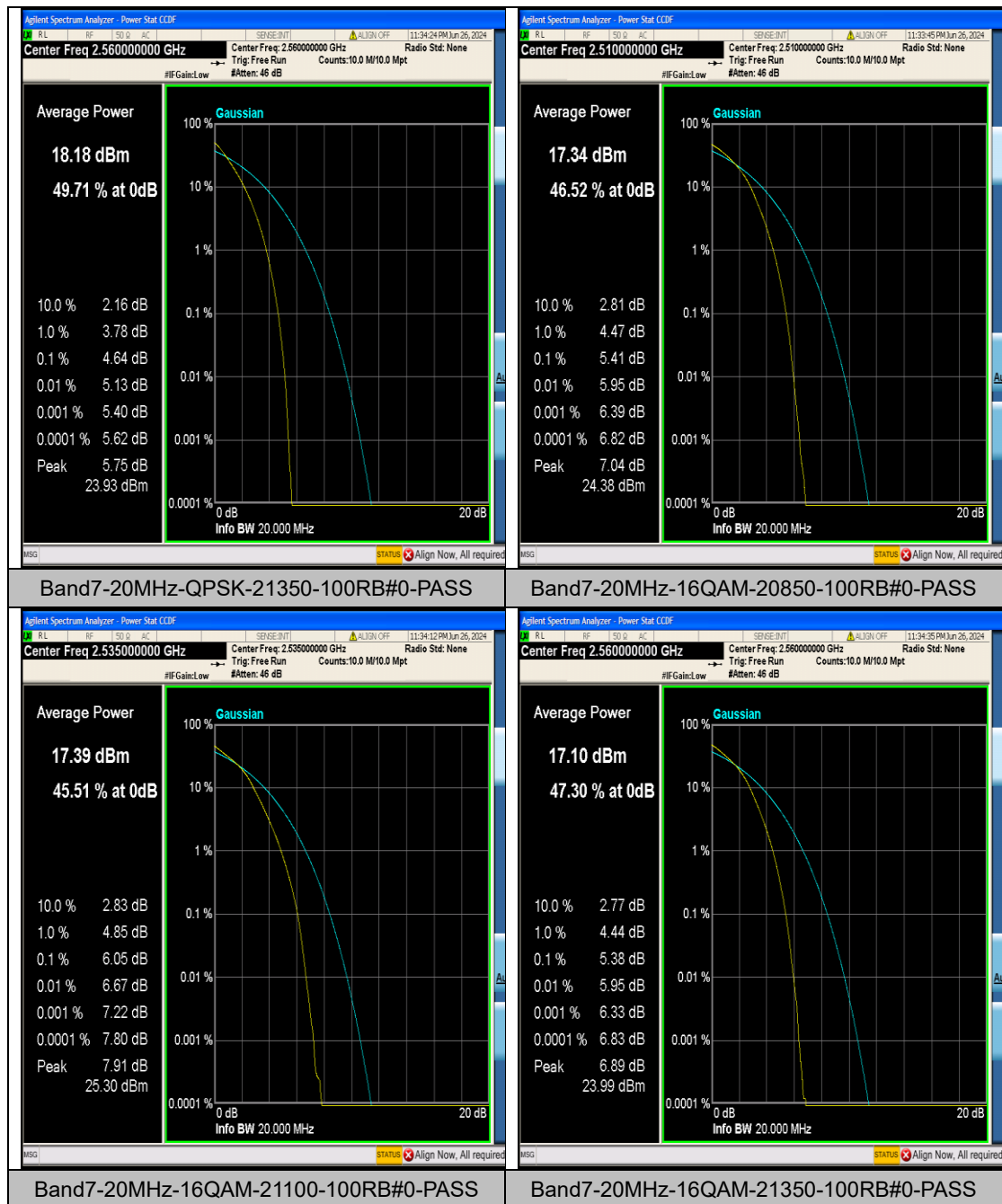










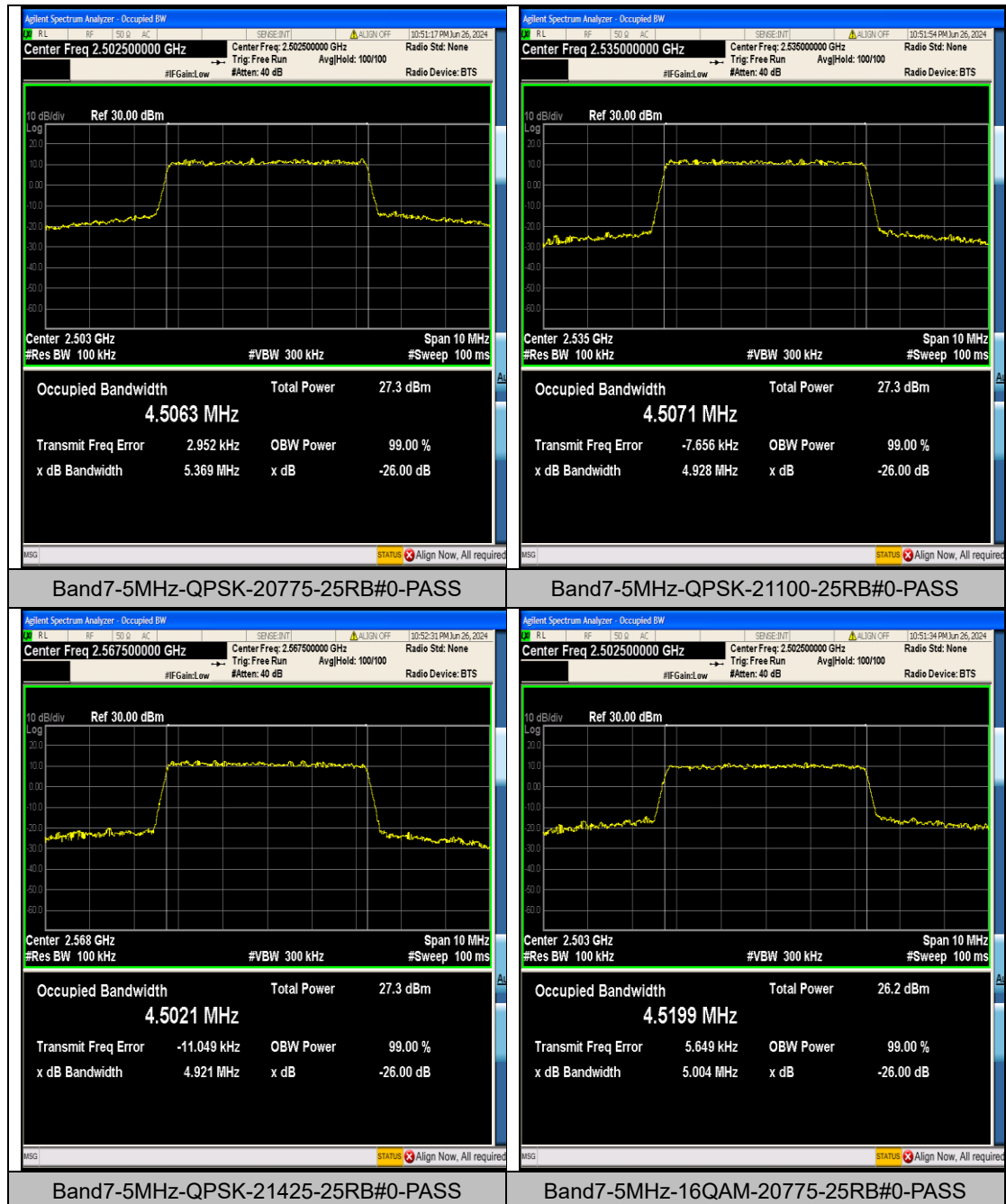


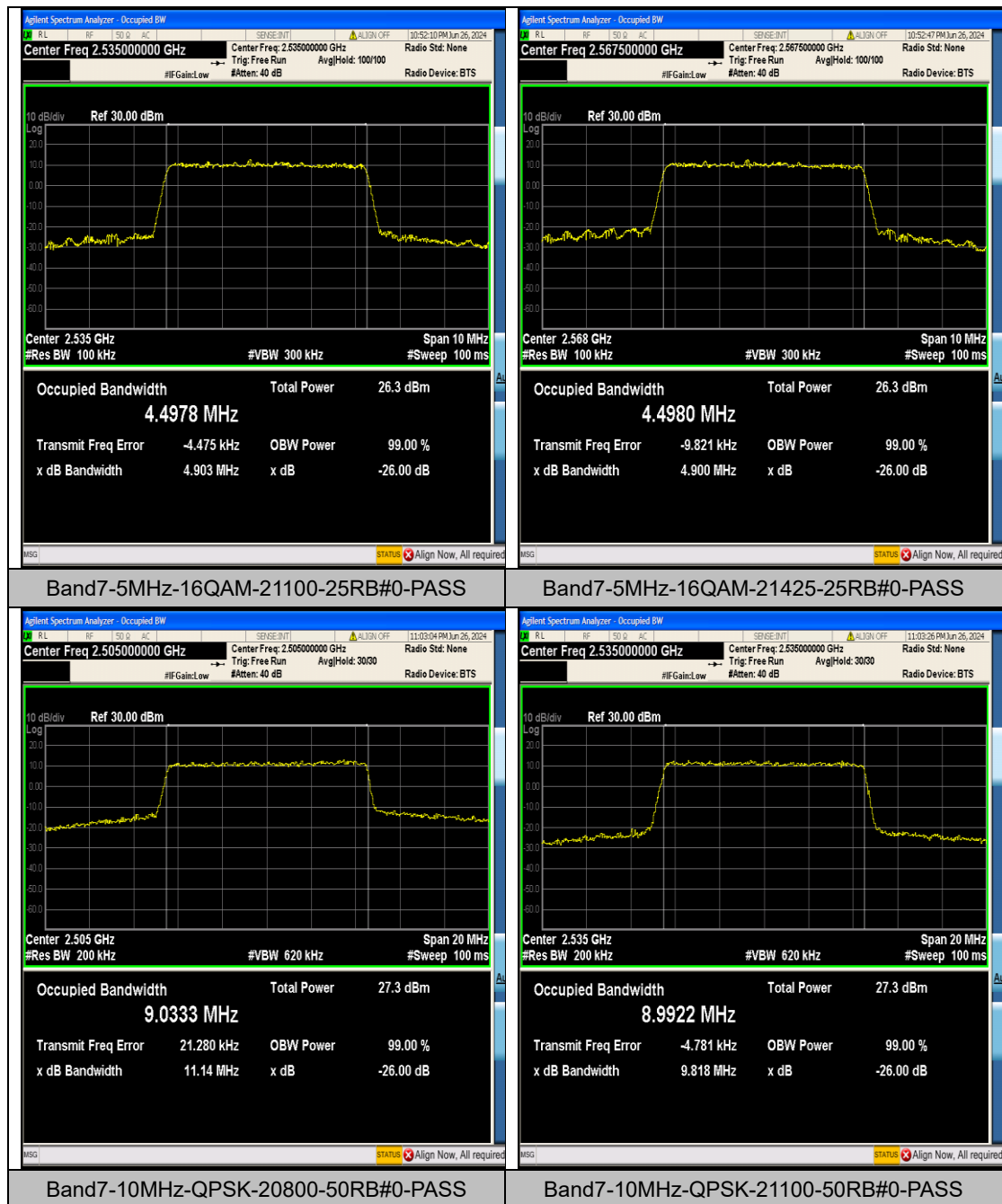
Appendix C: 26dB Bandwidth and Occupied Bandwidth

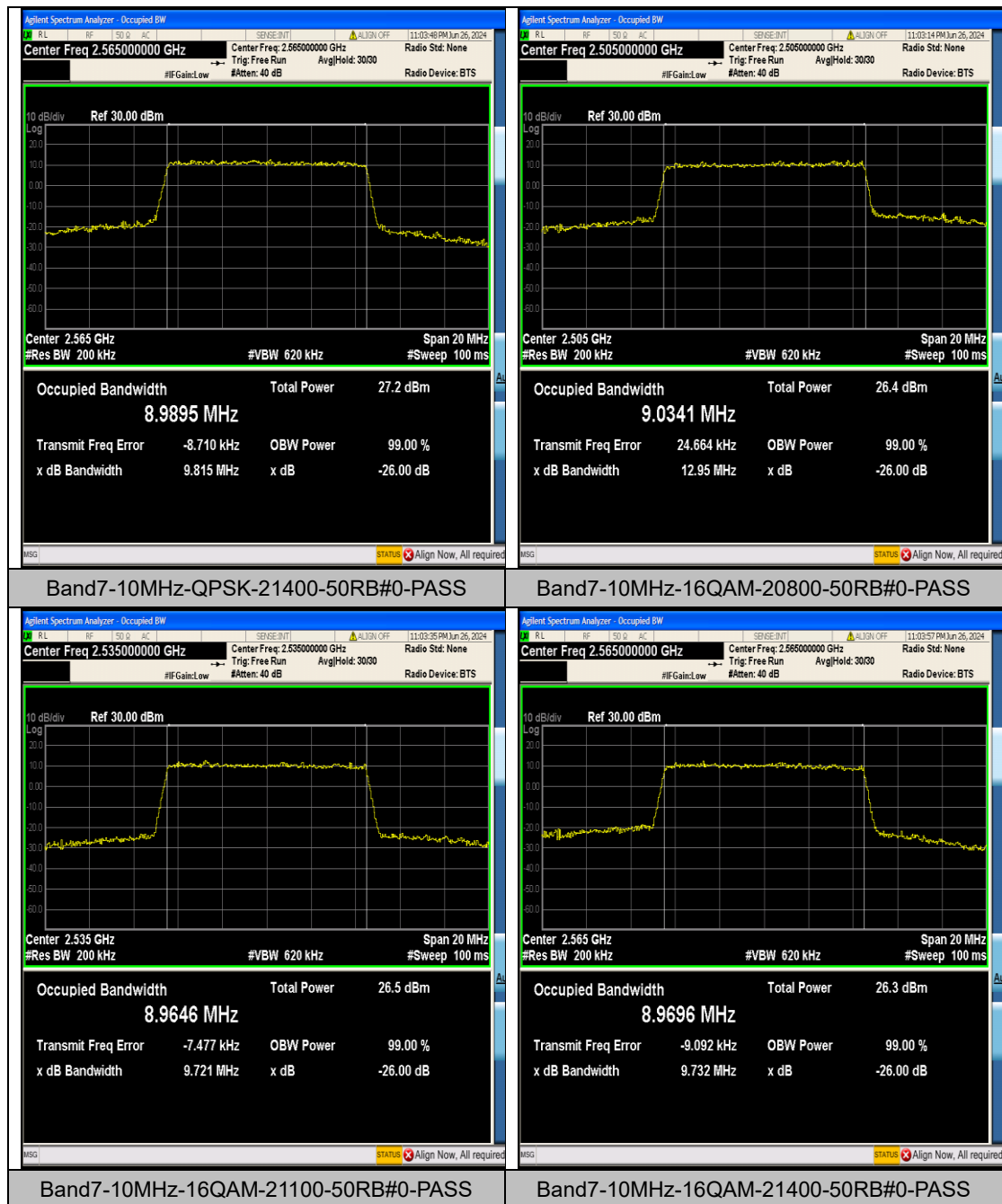
Test Result

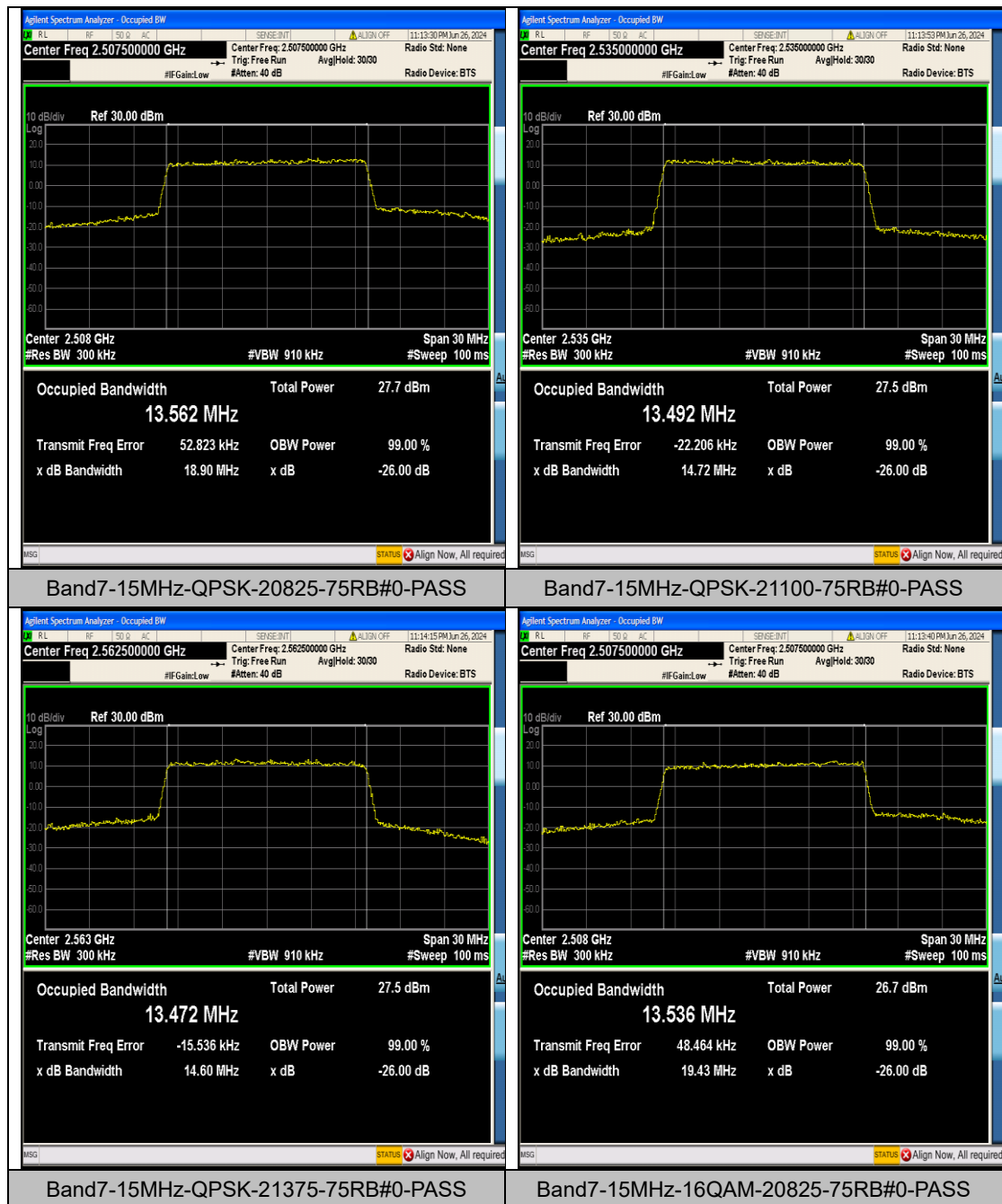
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5063	5.369	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5071	4.928	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5021	4.921	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5199	5.004	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4978	4.903	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4980	4.900	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0333	11.14	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9922	9.818	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9895	9.815	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0341	12.95	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9646	9.721	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9696	9.732	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.562	18.90	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.492	14.72	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.472	14.60	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.536	19.43	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.488	14.62	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.464	14.59	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.942	20.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.946	19.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.940	19.41	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.976	20.13	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.021	19.85	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.913	19.34	PASS

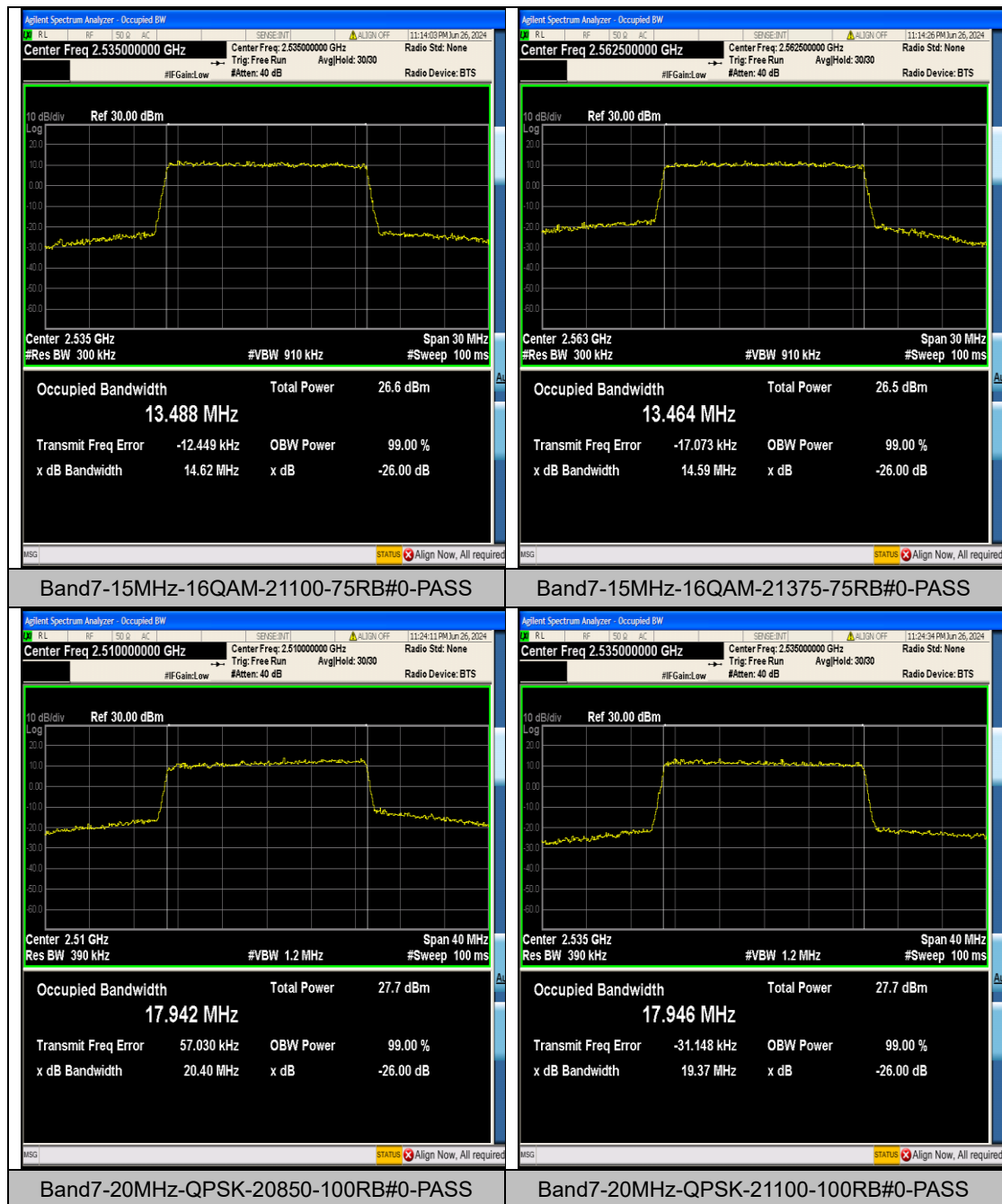
Test Graphs

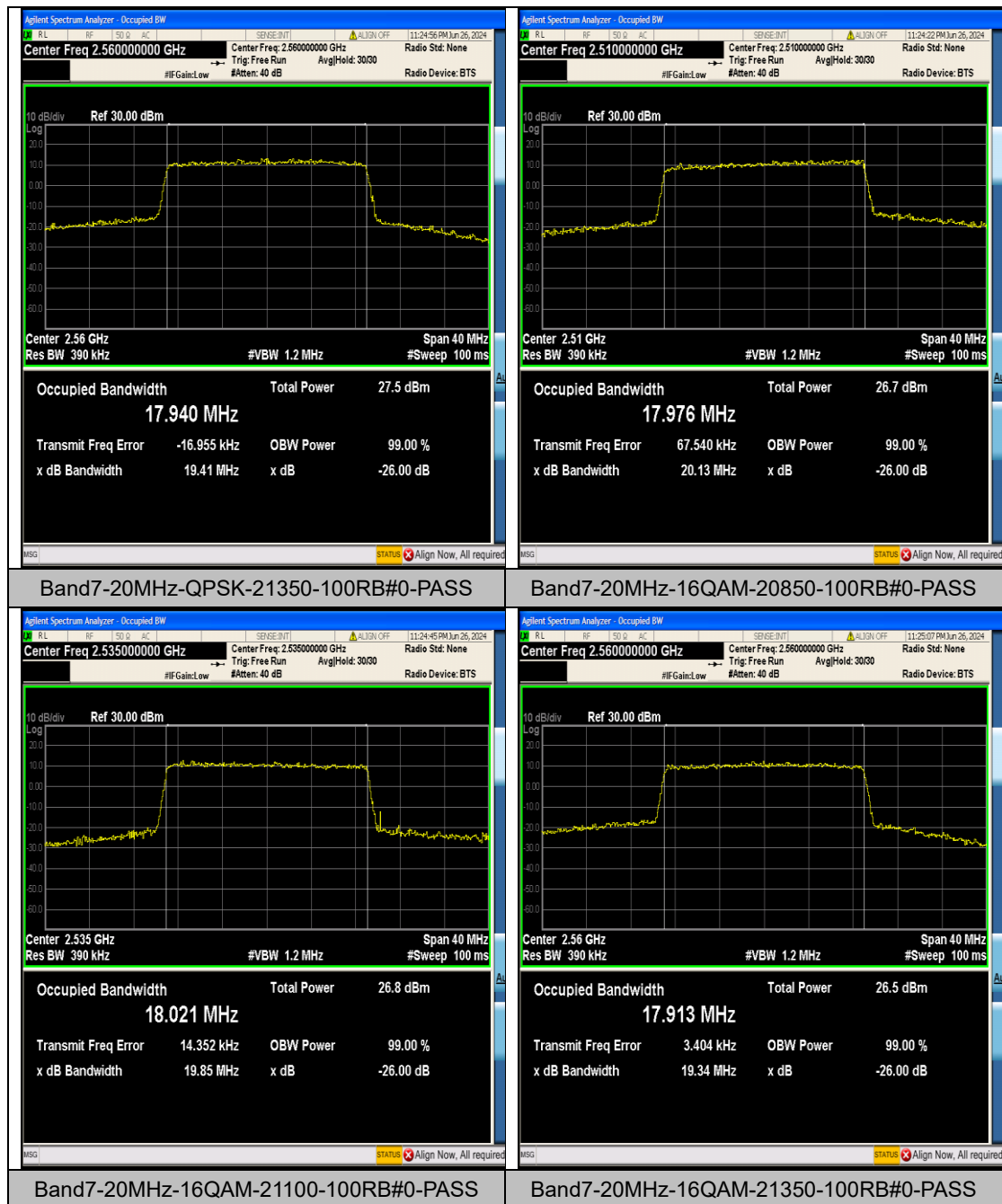










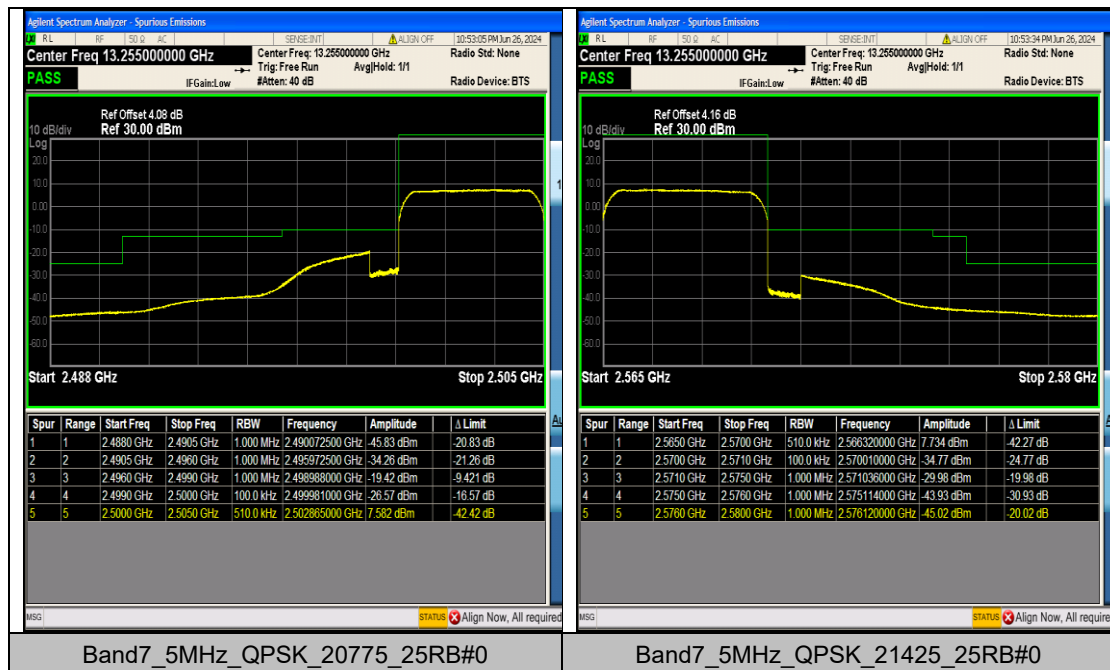


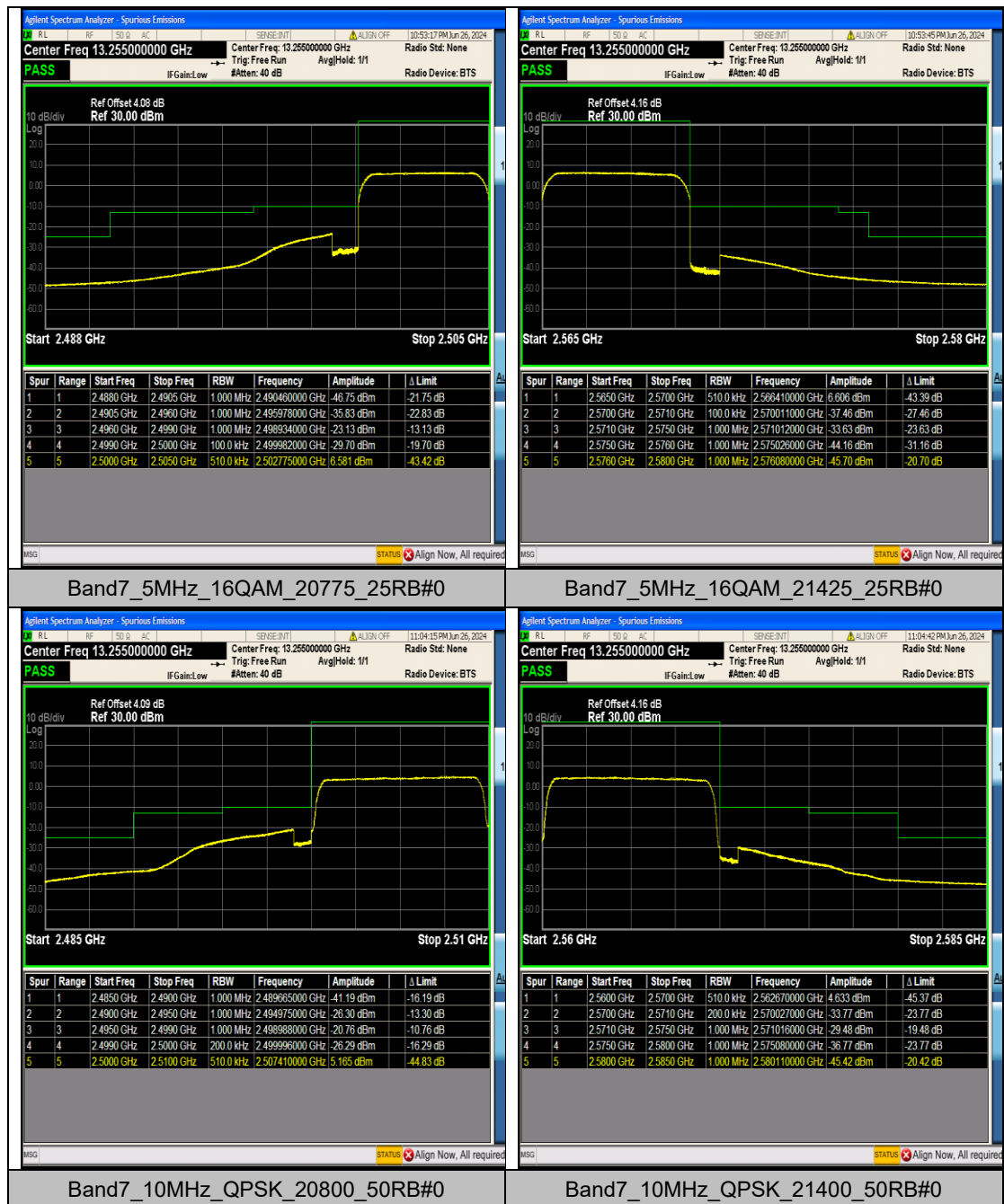
Appendix D: Band Edge

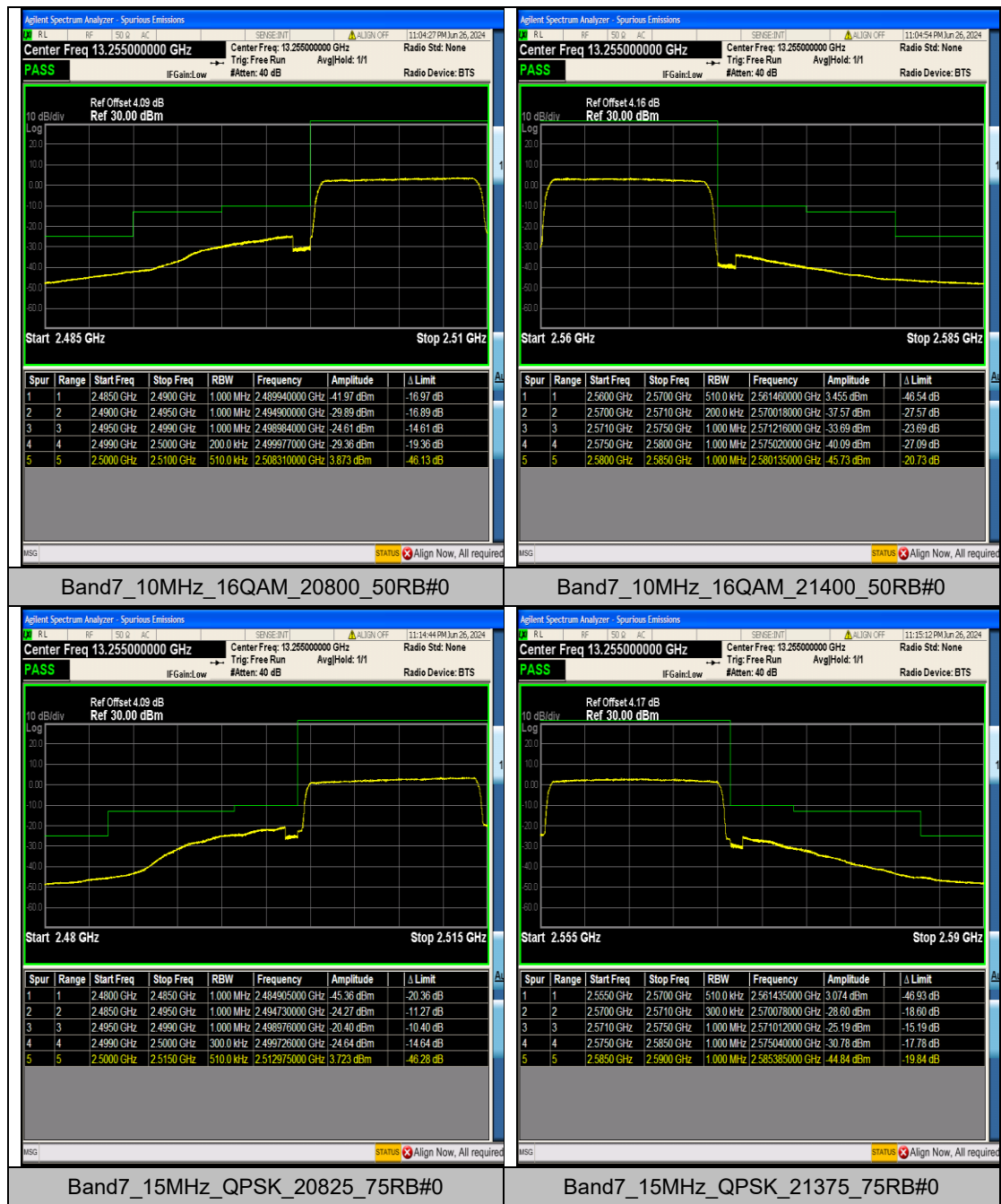
Test Result

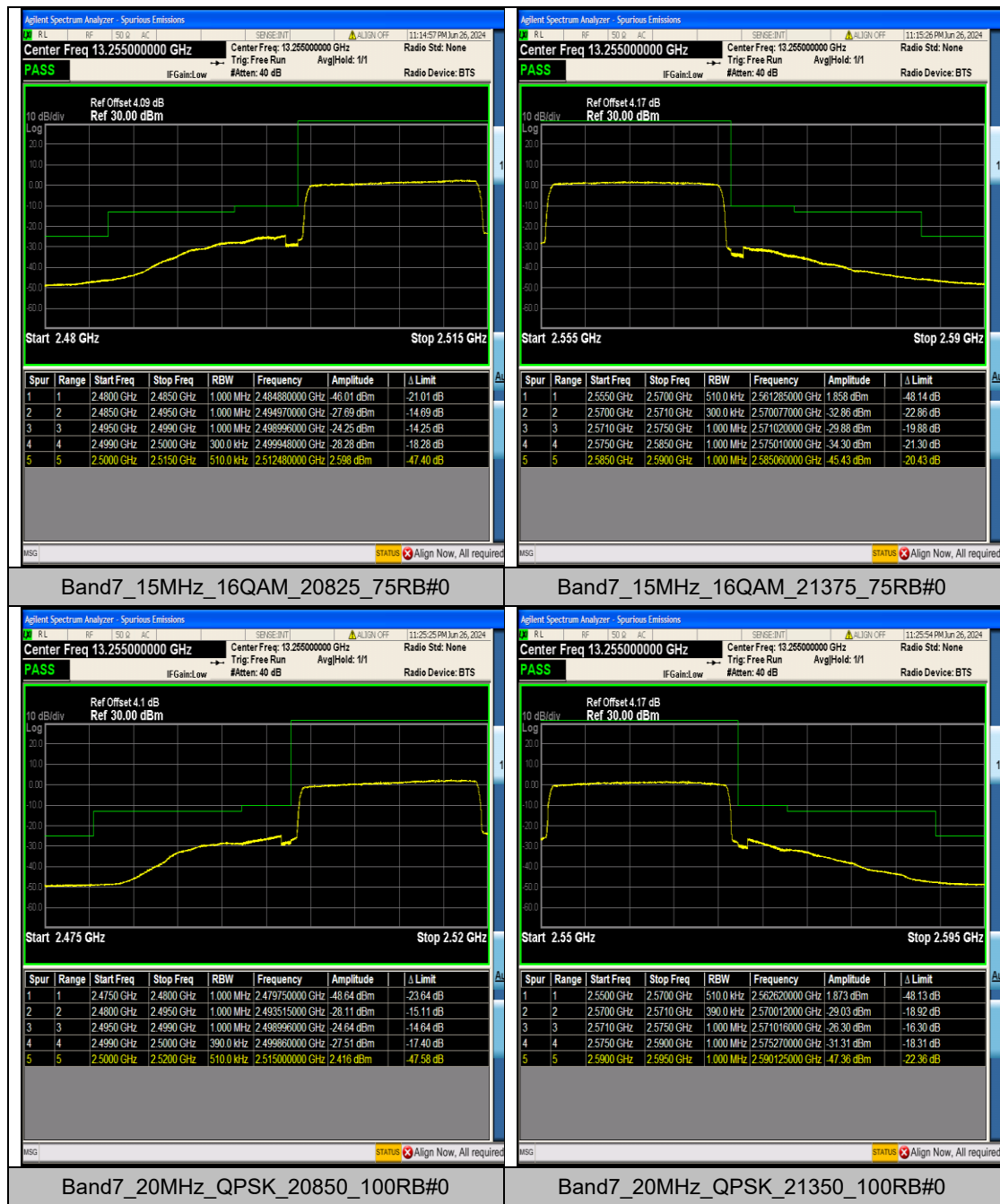
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-19.42	PASS
Band7	5MHz	QPSK	21425	25RB#0	-29.98	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.13	PASS
Band7	5MHz	16QAM	21425	25RB#0	-45.70	PASS
Band7	10MHz	QPSK	20800	50RB#0	-20.76	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.48	PASS
Band7	10MHz	16QAM	20800	50RB#0	-24.61	PASS
Band7	10MHz	16QAM	21400	50RB#0	-45.73	PASS
Band7	15MHz	QPSK	20825	75RB#0	-20.40	PASS
Band7	15MHz	QPSK	21375	75RB#0	-25.19	PASS
Band7	15MHz	16QAM	20825	75RB#0	-24.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	-29.88	PASS
Band7	20MHz	QPSK	20850	100RB#0	-24.64	PASS
Band7	20MHz	QPSK	21350	100RB#0	-26.30	PASS
Band7	20MHz	16QAM	20850	100RB#0	-30.98	PASS
Band7	20MHz	16QAM	21350	100RB#0	-30.29	PASS

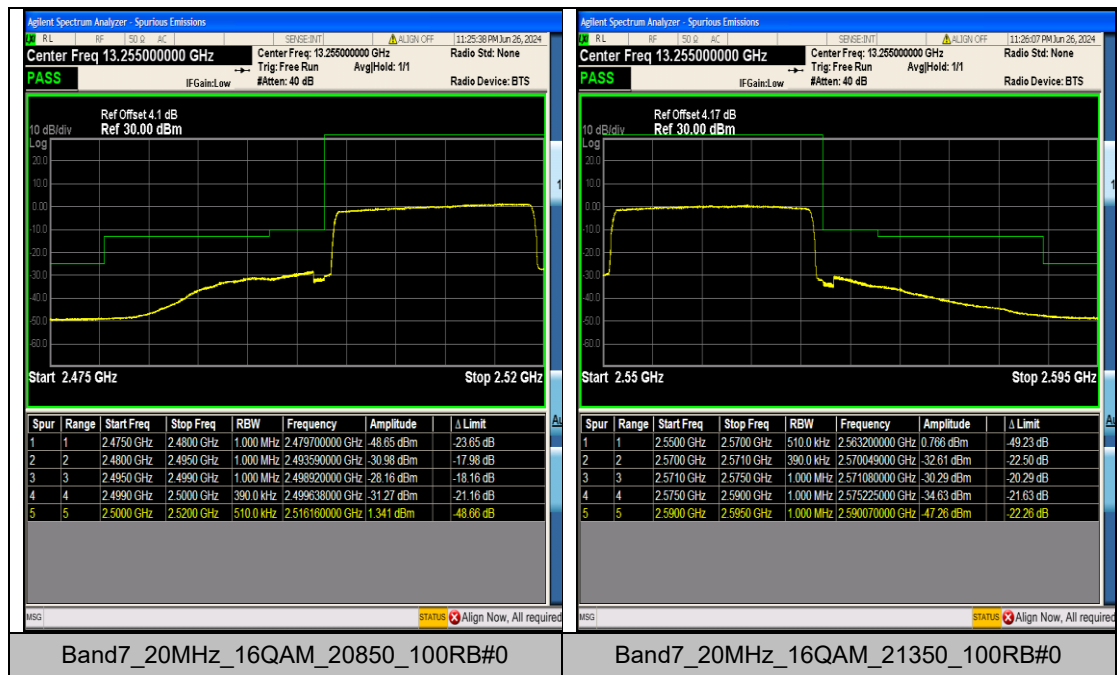
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	0.009~0.15	-71.23	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-70.65	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.43	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-41.46	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.41	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-75.69	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-67.96	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.32	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-45.04	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-39.28	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-75.26	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-68.82	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.66	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-46.01	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.69	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-74.98	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-65.48	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.61	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-43.77	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-39.81	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-75.07	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-67.85	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.32	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-46.08	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.70	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-74.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-70.80	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.73	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-46.17	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.74	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-73.66	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-67.94	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.84	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-45.39	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.89	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-72.59	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-69.48	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.69	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-46.33	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.43	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-73.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-68.16	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-66.68	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.72	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-73.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-67.28	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.82	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-46.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.58	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-71.37	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-68.48	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.59	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-46.15	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.70	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-72.68	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-68.76	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.52	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-45.66	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-39.85	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-74.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-67.93	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.65	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-45.87	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-70.35	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-66.67	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.67	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-45.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.66	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-70.83	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-69.34	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.51	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-45.55	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.44	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-73.38	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-70.33	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.73	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-45.41	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-39.93	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-72.62	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-68.40	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.88	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-46.04	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.77	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-68.67	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-67.54	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-45.61	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.74	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-71.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-66.09	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-45.65	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-39.79	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-75.32	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-67.82	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-46.10	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.81	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-69.27	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-67.32	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.62	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.21	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.52	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-76.94	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-70.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.44	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-46.16	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.74	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-72.61	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-66.21	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.75	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-46.10	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.69	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-72.44	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-68.25	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.52	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.11	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.87	PASS

Test Graphs

