

FCC LTE Band Test Data

FCC ID : 2BCQ3FLY400

Company: : A3 MOBILE SAS

EUT : Mobile Phone

Model Number : FY-400

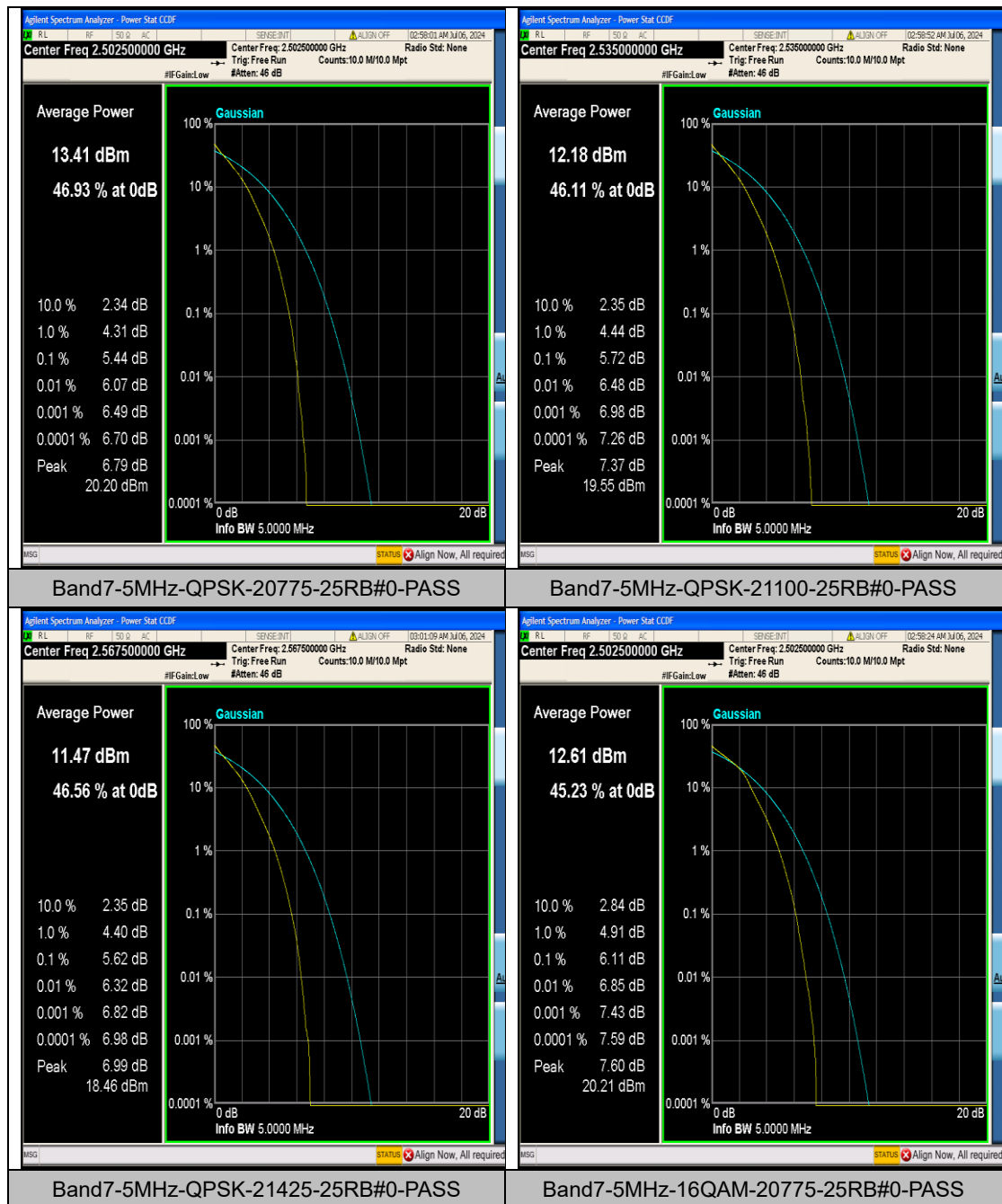
Reviewed By : Eric Wang

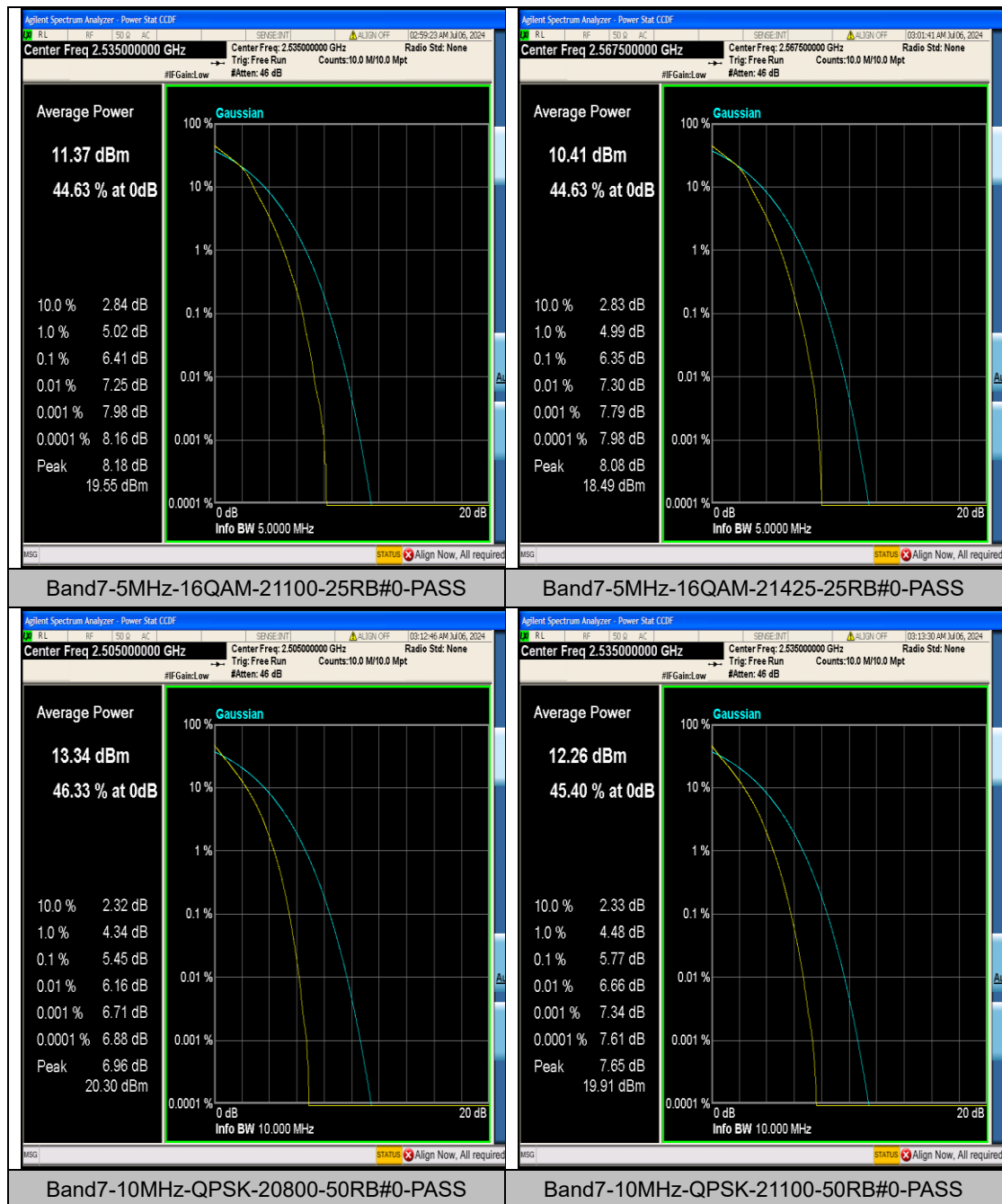
Appendix B: Peak-to-Average Ratio(CCDF)

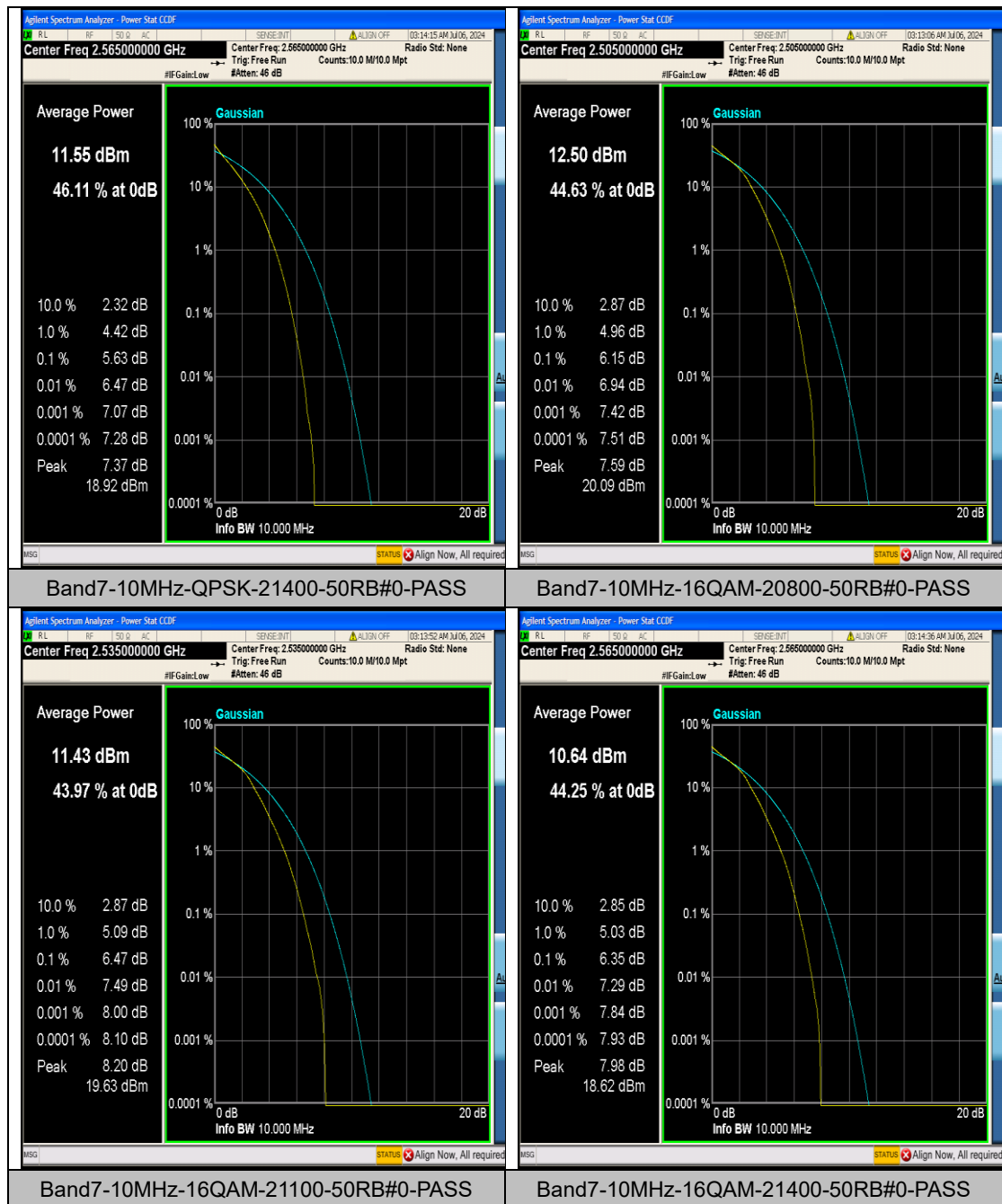
Test Result

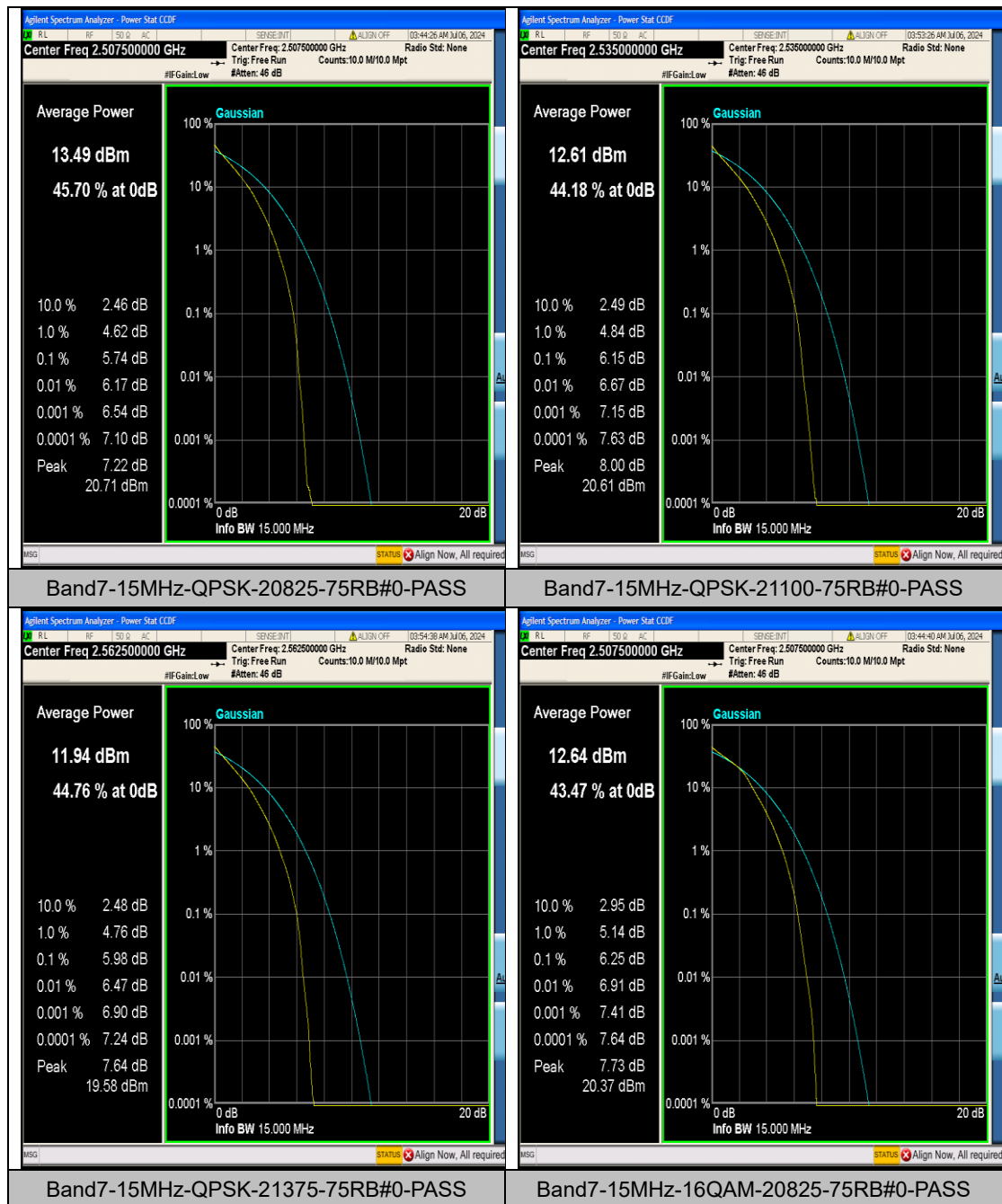
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.44	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.72	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.62	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.11	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.41	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.35	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.45	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.77	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.63	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.15	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.47	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.35	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.74	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.15	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.98	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.25	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.61	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.47	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.49	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.85	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.74	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.23	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.59	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.40	13	PASS

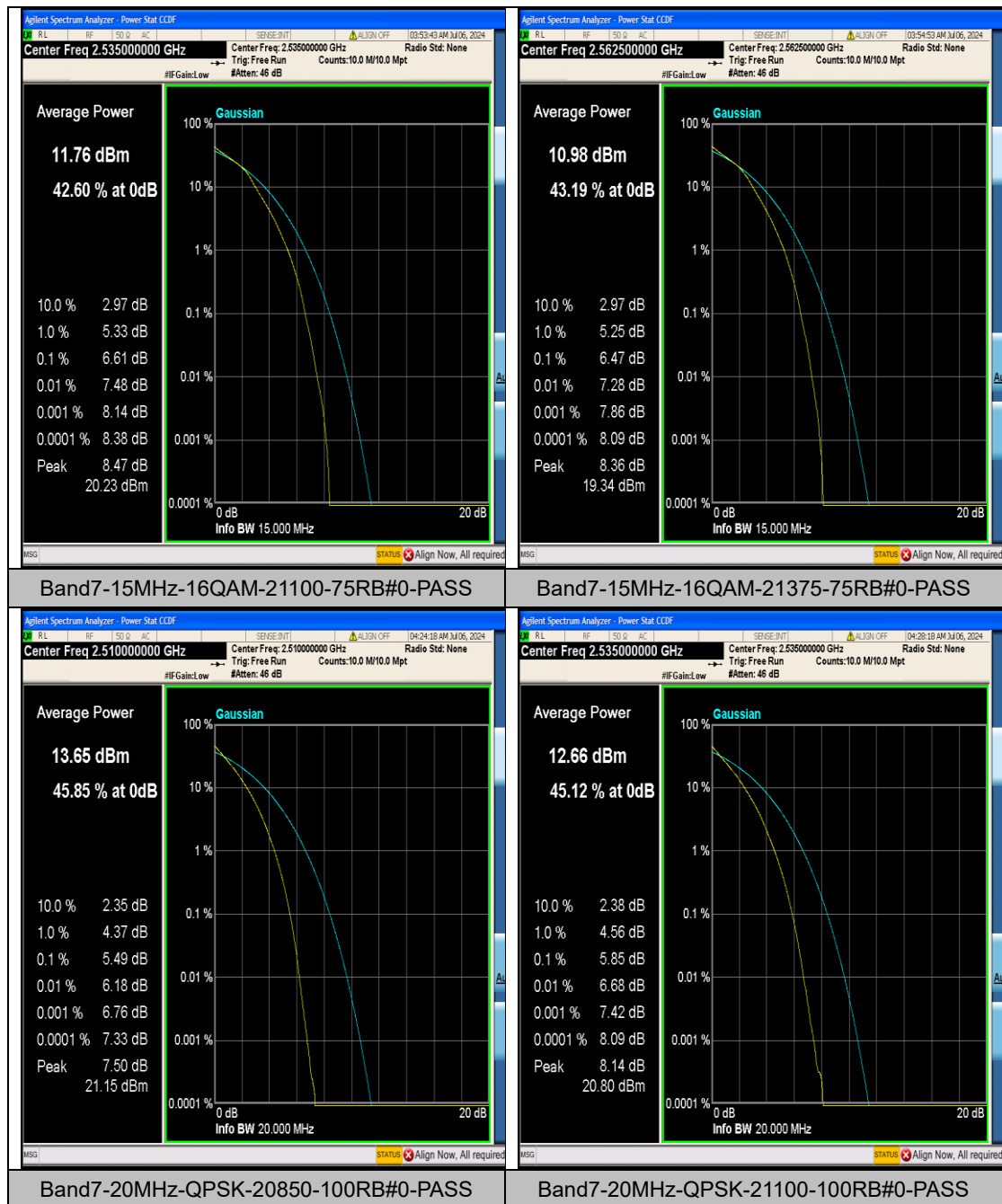
Test Graphs

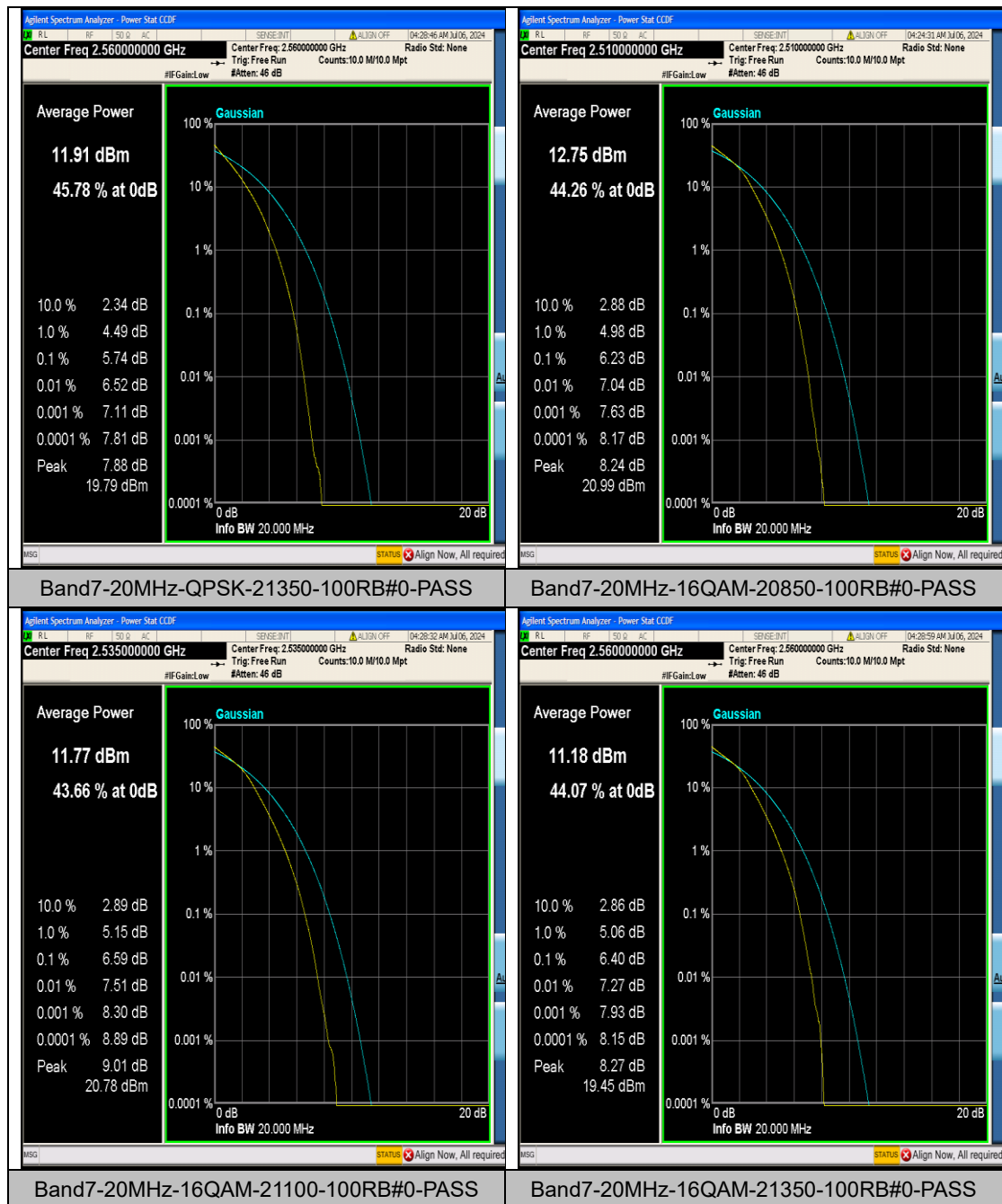










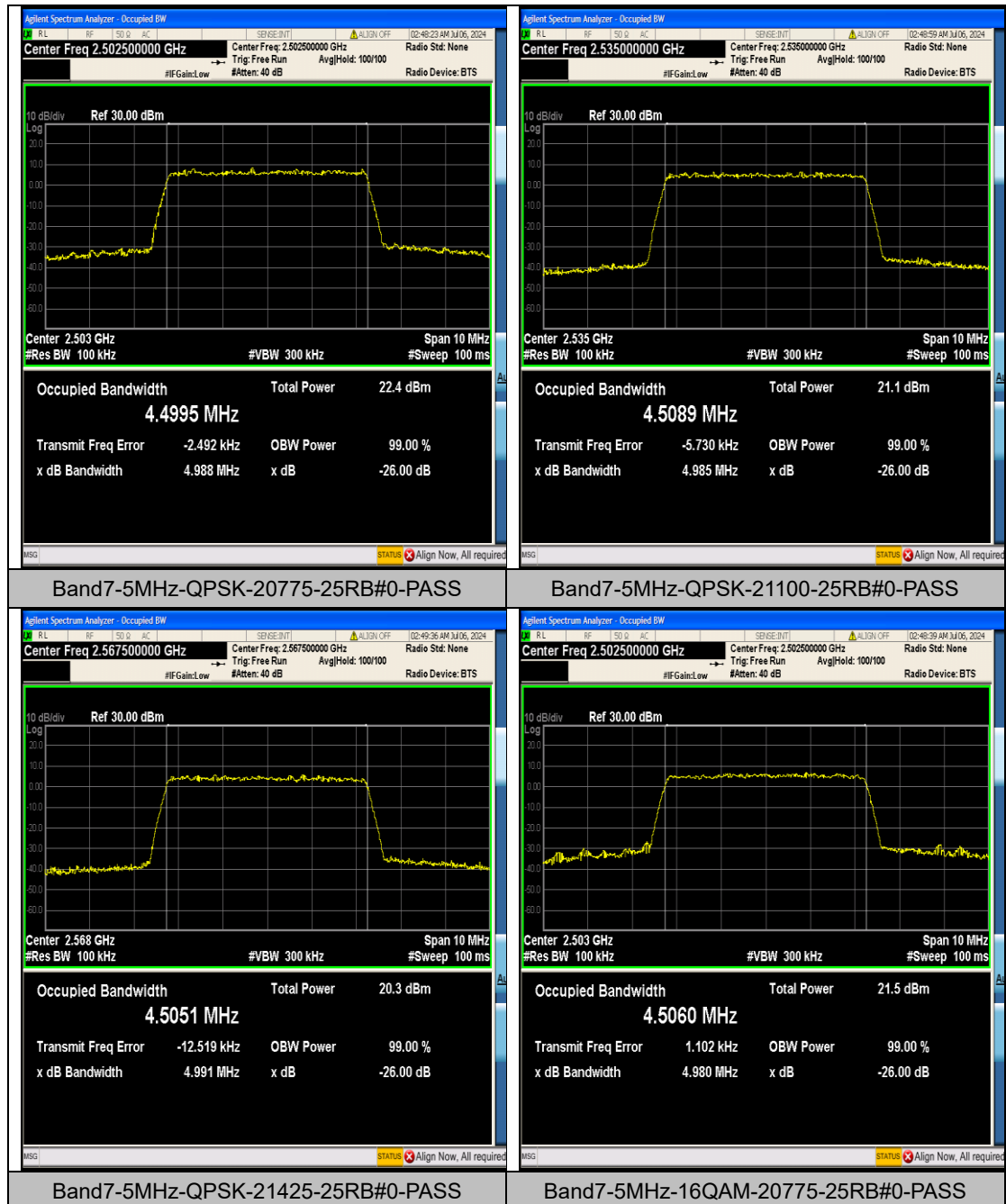


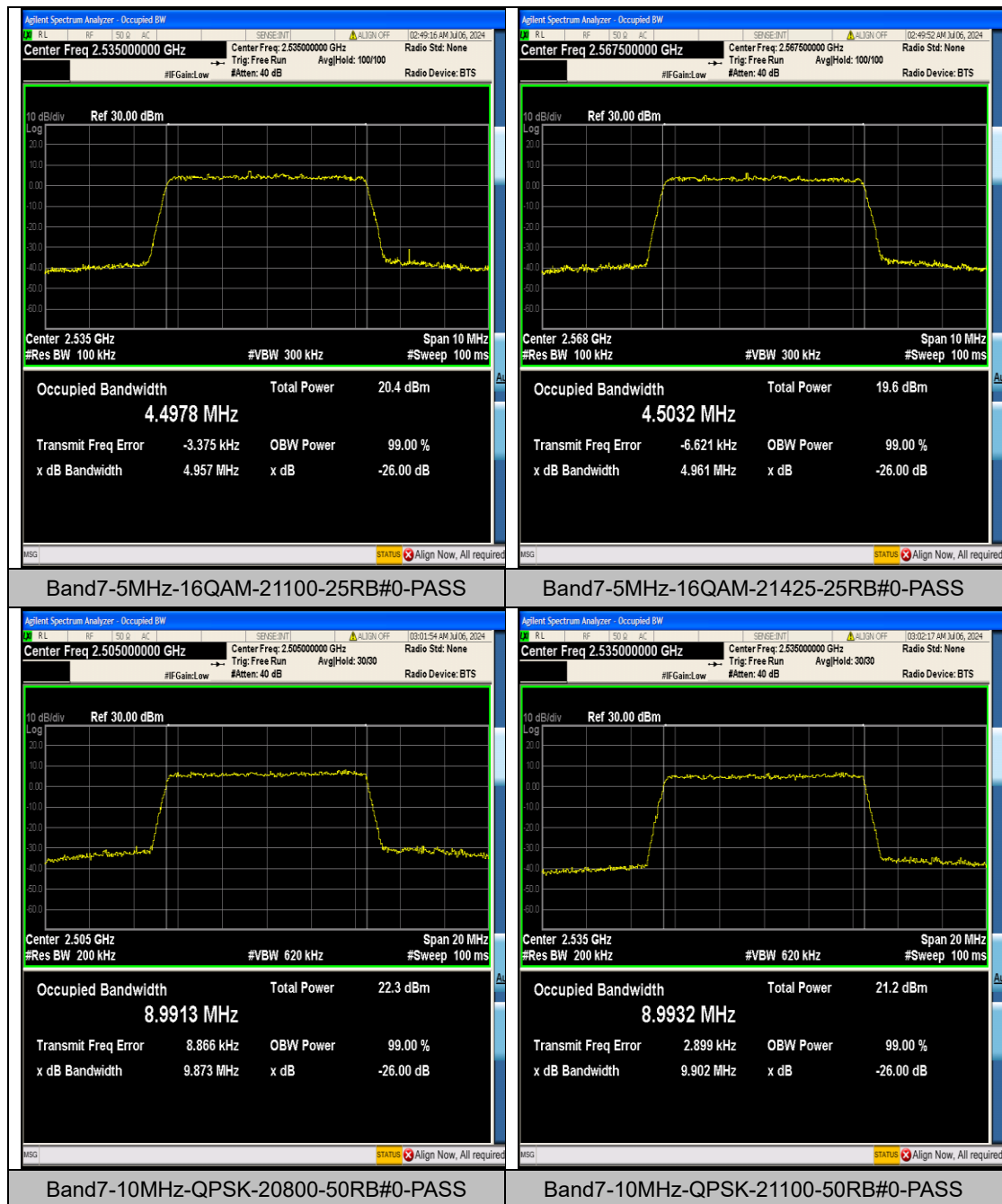
Appendix C: 26dB Bandwidth and Occupied Bandwidth

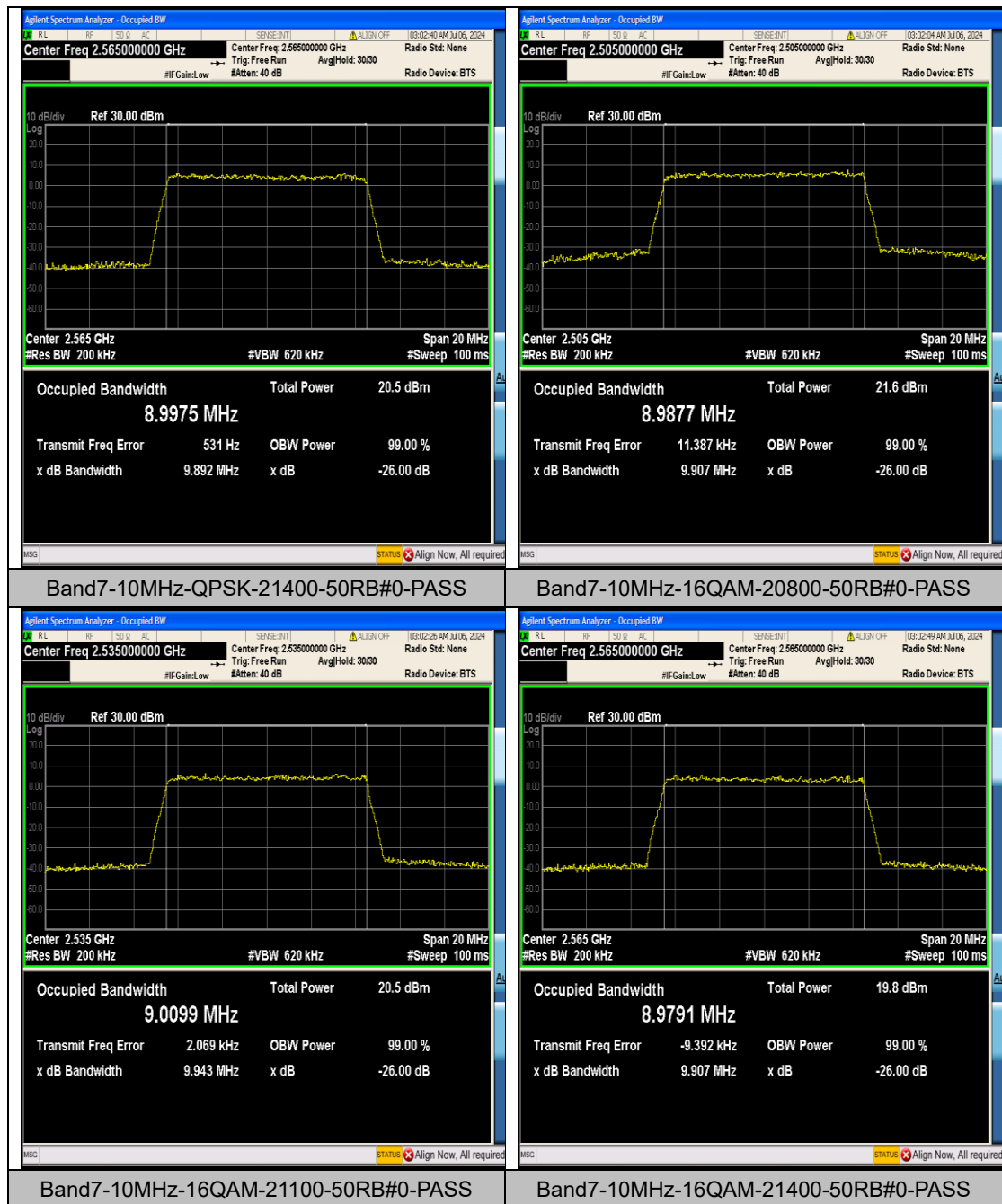
Test Result

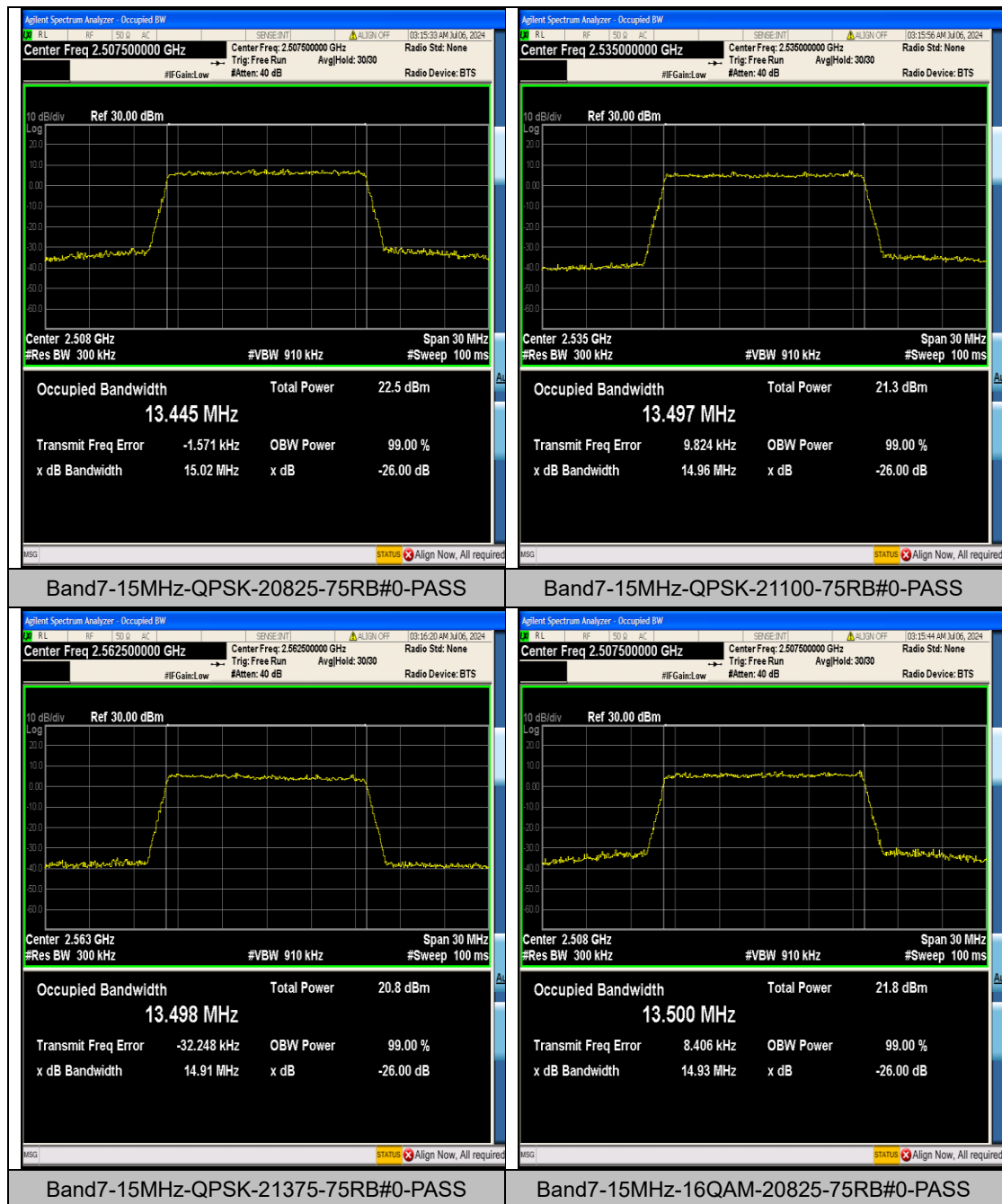
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4995	4.988	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5089	4.985	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5051	4.991	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5060	4.980	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4978	4.957	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5032	4.961	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9913	9.873	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9932	9.902	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9975	9.892	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9877	9.907	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0099	9.943	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9791	9.907	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.445	15.02	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.497	14.96	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.498	14.91	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.500	14.93	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.503	14.96	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.490	14.91	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.981	19.63	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.023	19.75	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.031	19.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.975	19.68	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.015	19.74	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.983	19.70	PASS

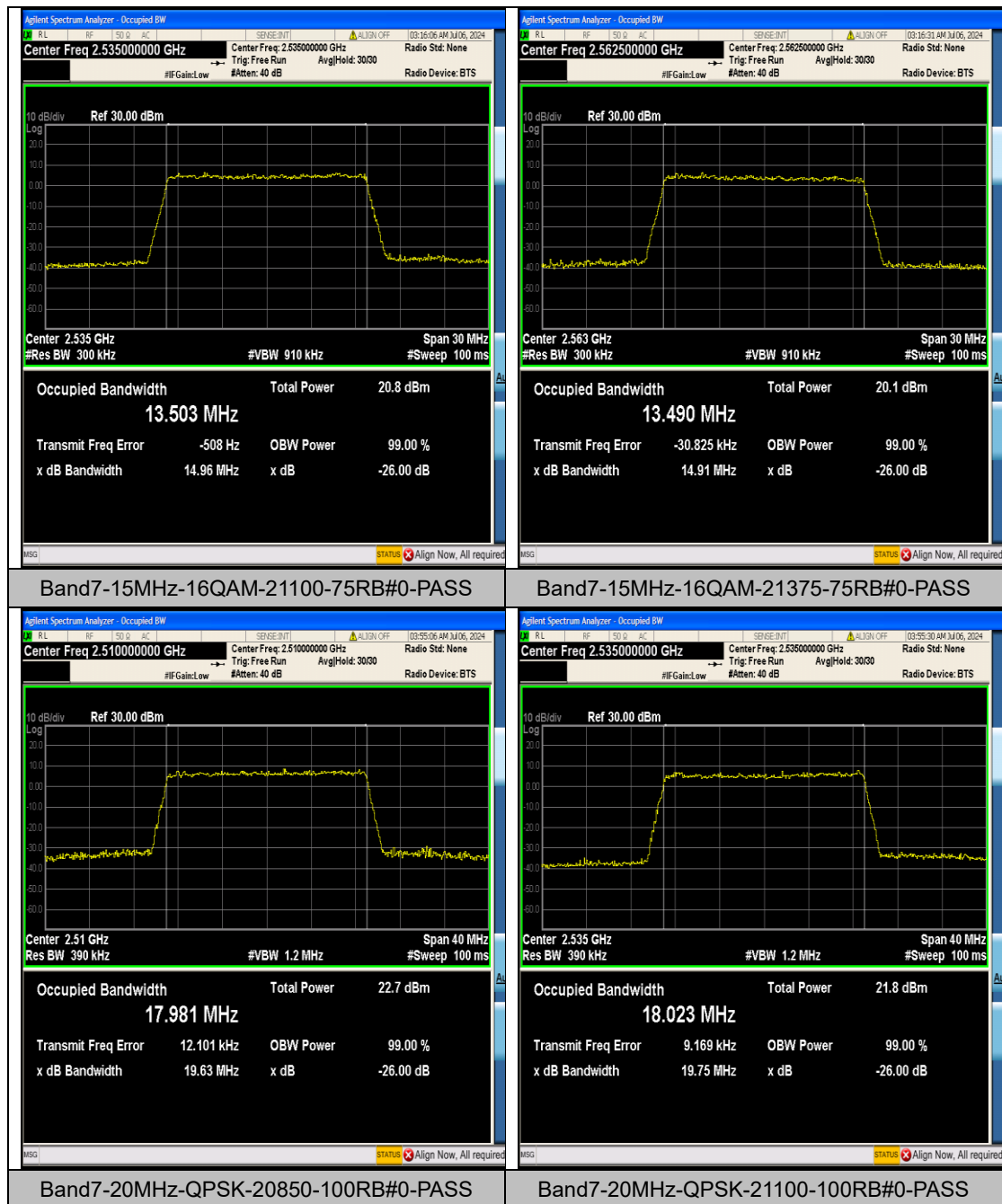
Test Graphs

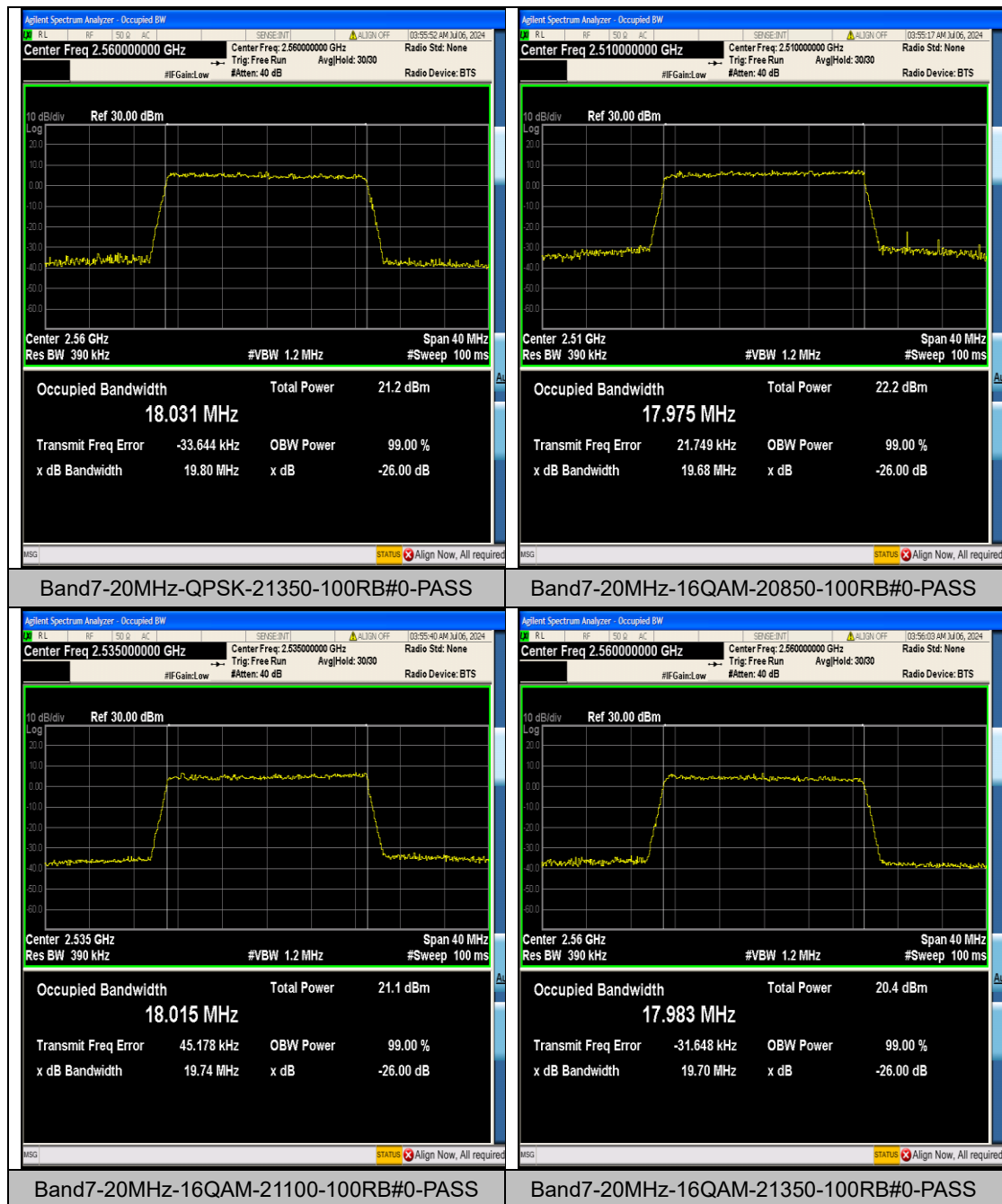










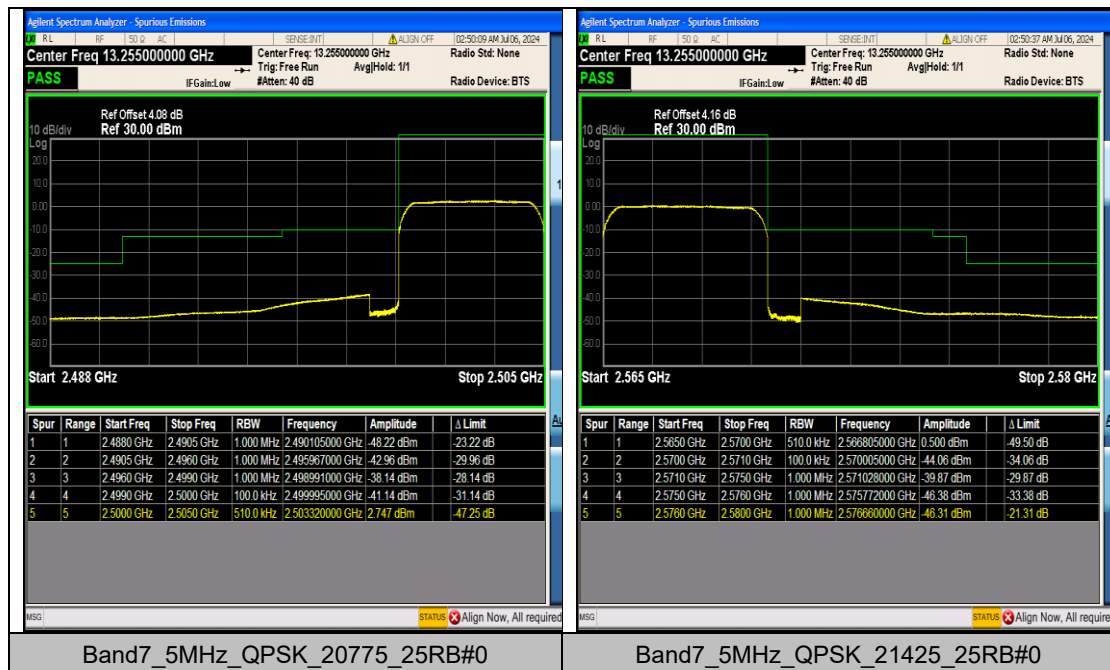


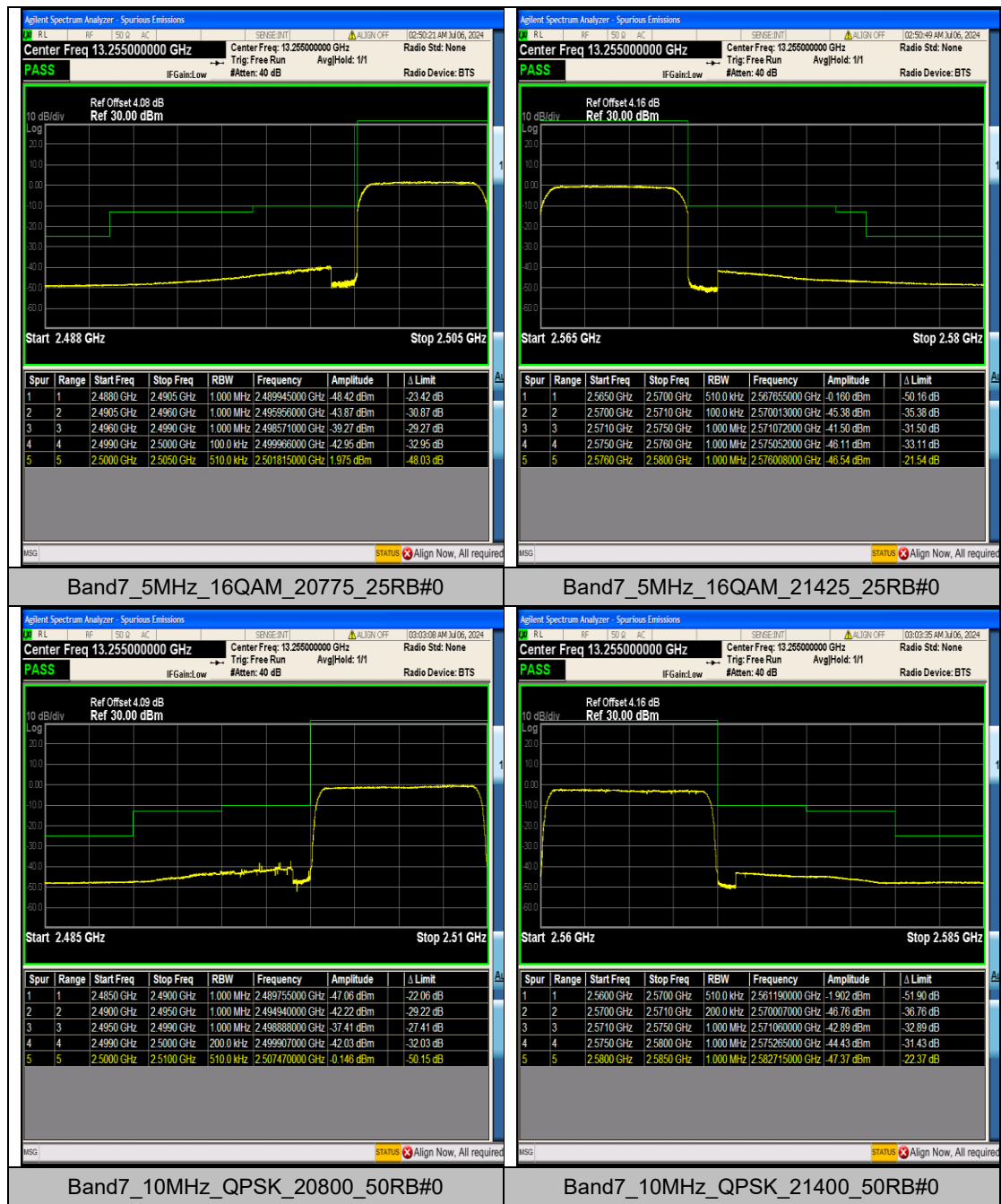
Appendix D: Band Edge

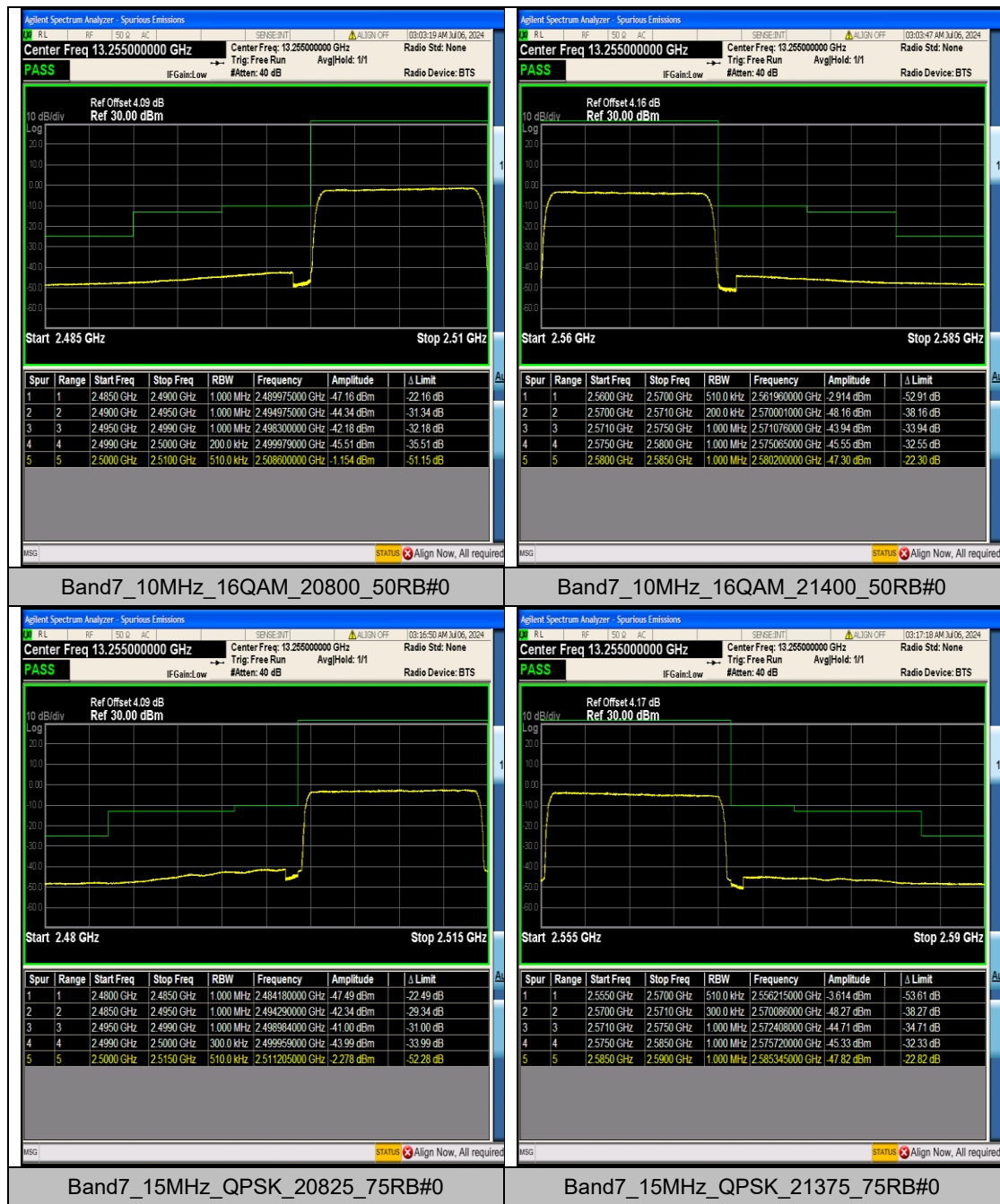
Test Result

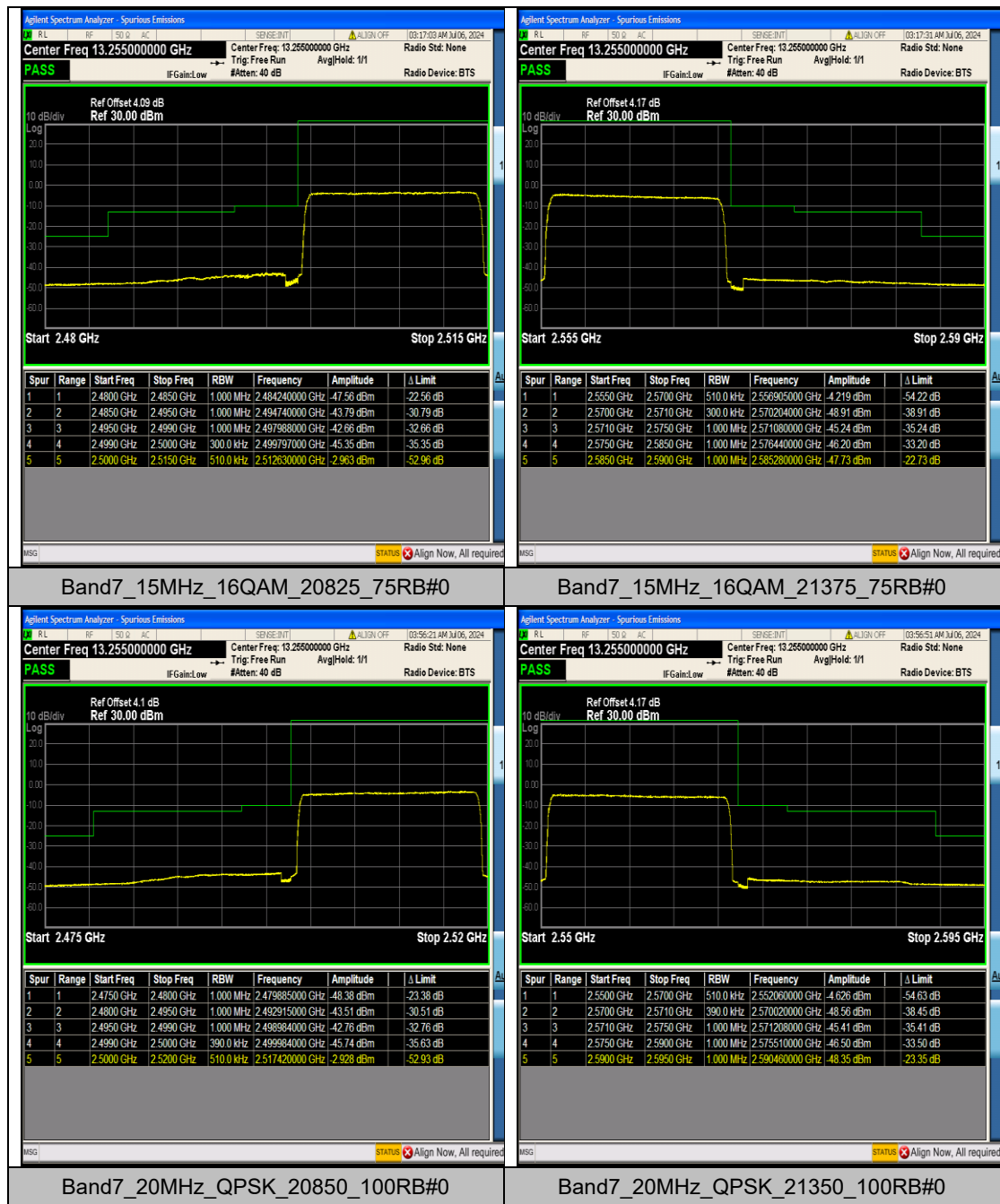
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-48.22	PASS
Band7	5MHz	QPSK	21425	25RB#0	-46.31	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.42	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.54	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.06	PASS
Band7	10MHz	QPSK	21400	50RB#0	-47.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	-47.16	PASS
Band7	10MHz	16QAM	21400	50RB#0	-47.30	PASS
Band7	15MHz	QPSK	20825	75RB#0	-47.49	PASS
Band7	15MHz	QPSK	21375	75RB#0	-47.82	PASS
Band7	15MHz	16QAM	20825	75RB#0	-47.56	PASS
Band7	15MHz	16QAM	21375	75RB#0	-47.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	-48.38	PASS
Band7	20MHz	QPSK	21350	100RB#0	-48.35	PASS
Band7	20MHz	16QAM	20850	100RB#0	-48.40	PASS
Band7	20MHz	16QAM	21350	100RB#0	-48.33	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	-75.10	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-68.50	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.65	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-46.36	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.67	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-75.18	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-68.83	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.70	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-46.27	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-39.81	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-74.83	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-66.99	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.64	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-46.41	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.95	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-74.20	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-67.94	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.68	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-46.05	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-39.78	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-73.87	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-68.01	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.61	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-46.33	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.80	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-72.19	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-67.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.59	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-46.34	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.88	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-75.34	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-69.36	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.78	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-46.33	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.41	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-73.95	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-68.59	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.74	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-45.97	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.48	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-74.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-69.30	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-66.80	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.26	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.87	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-75.28	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-68.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.58	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-46.43	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.31	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-75.85	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-69.32	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.92	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-45.87	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.58	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-73.70	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-67.33	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.80	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-46.56	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-39.70	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-72.89	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-69.14	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.78	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-46.29	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.82	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-73.44	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-67.47	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.58	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-46.20	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.85	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-74.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-69.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.73	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-46.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-77.89	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-68.28	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.76	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-46.37	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-39.82	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-75.95	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-69.14	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.74	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-46.35	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.77	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-73.48	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-68.88	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.60	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-46.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.79	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-73.14	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-68.47	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.47	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-46.14	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-40.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-74.64	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-68.46	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.85	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-46.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-72.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-69.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.08	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.63	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-73.65	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-68.16	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.71	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-45.84	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.71	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-75.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-70.62	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.79	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-45.89	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-70.24	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-69.62	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.93	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.33	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.73	PASS

Test Graphs

