

FCC LTE Band Test Data

FCC ID : 2BHCY-X100

Company: : Shenzhen ThreeTigers Trading co..Ltd.

EUT : Mobile Phone

Model Number : X100

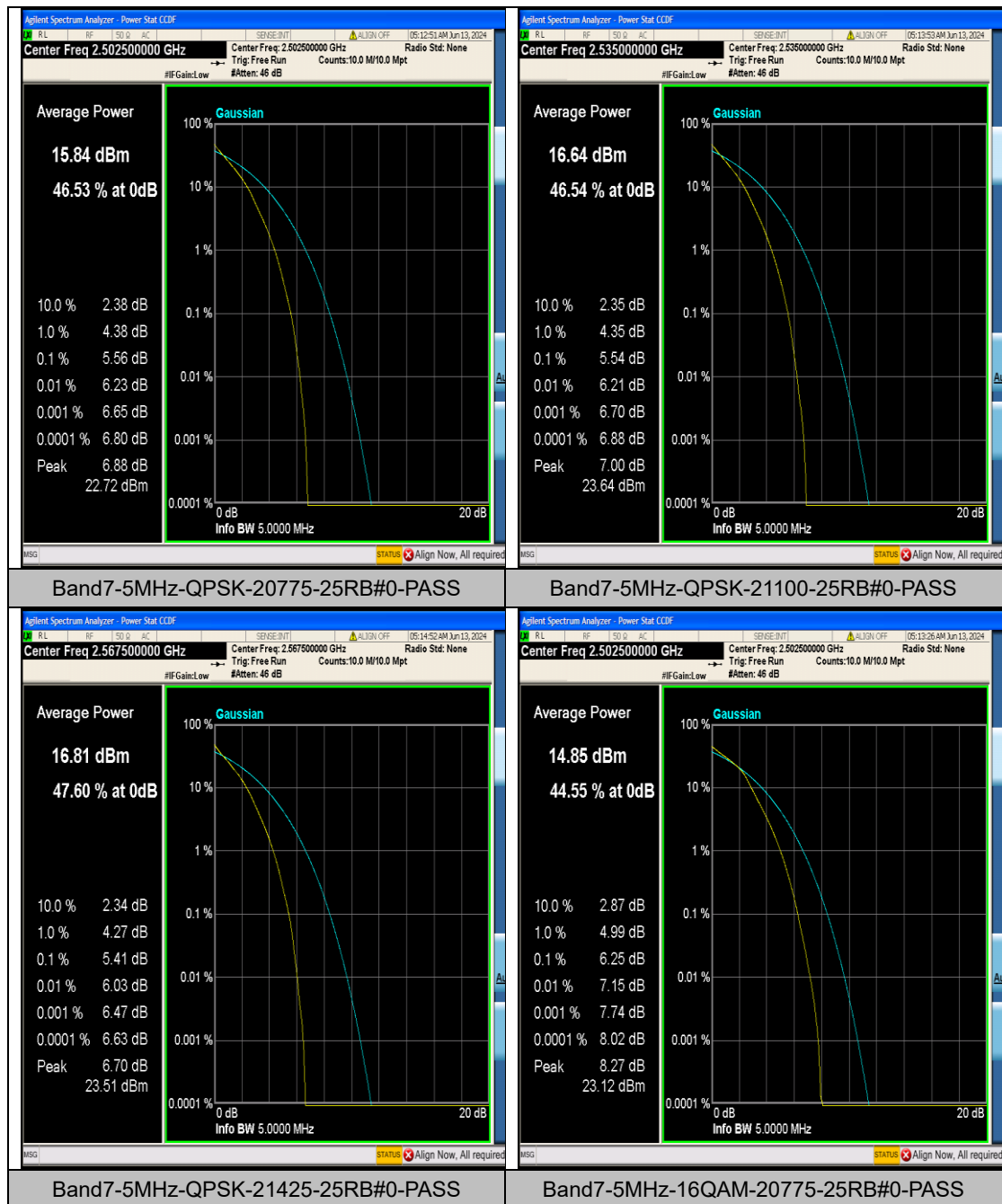
Reviewed By : Eric Wang

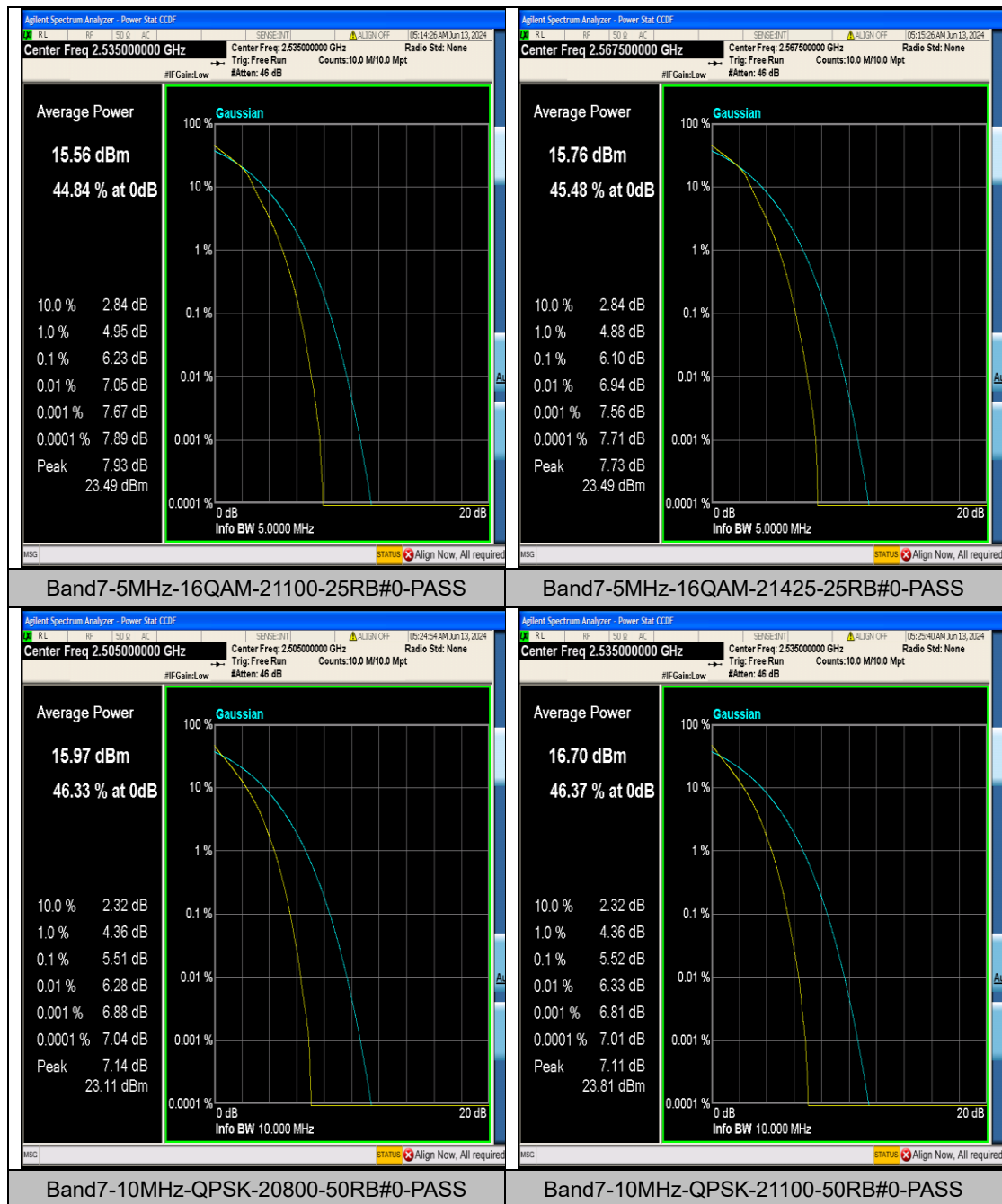
Appendix B: Peak-to-Average Ratio(CCDF)

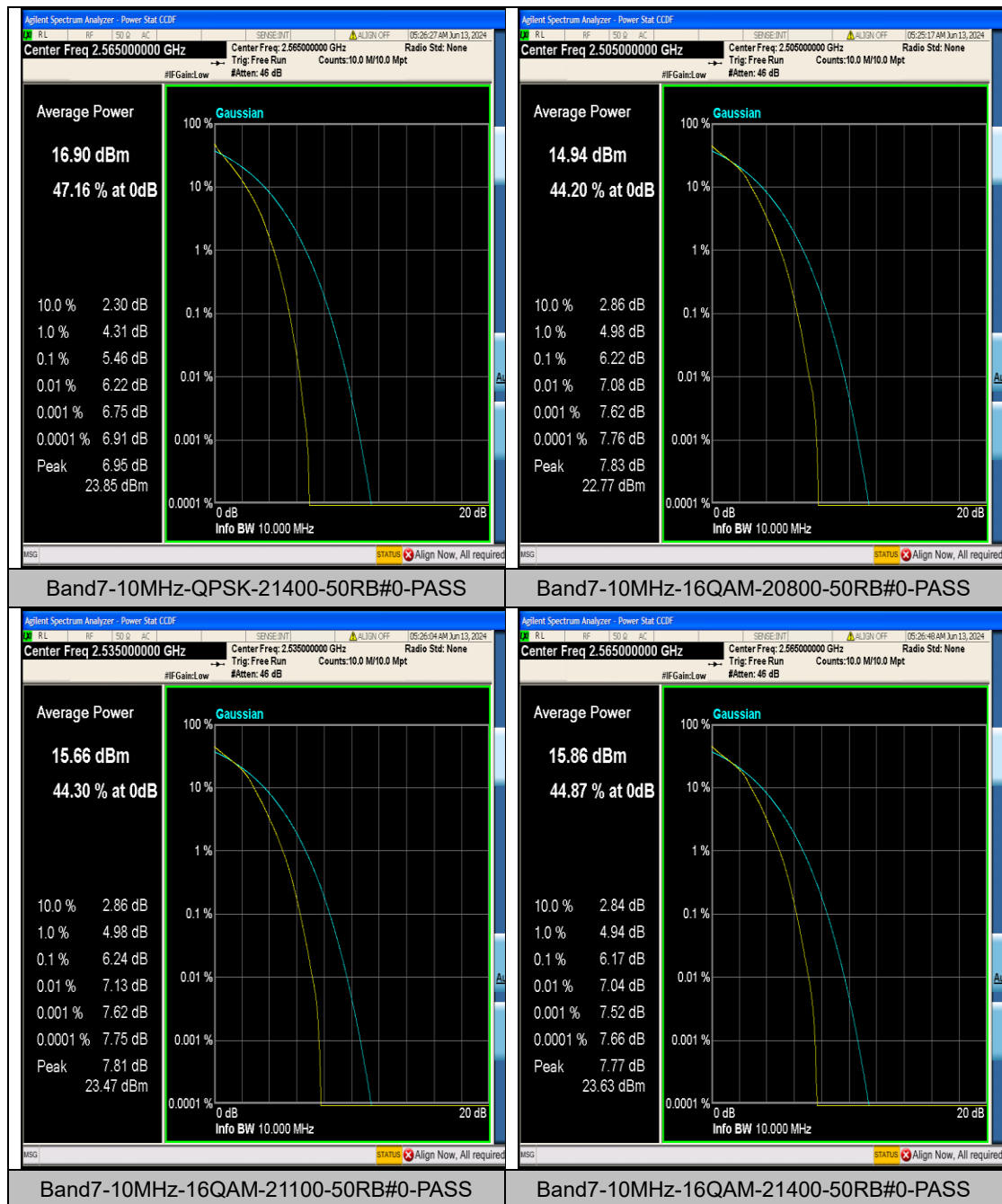
Test Result

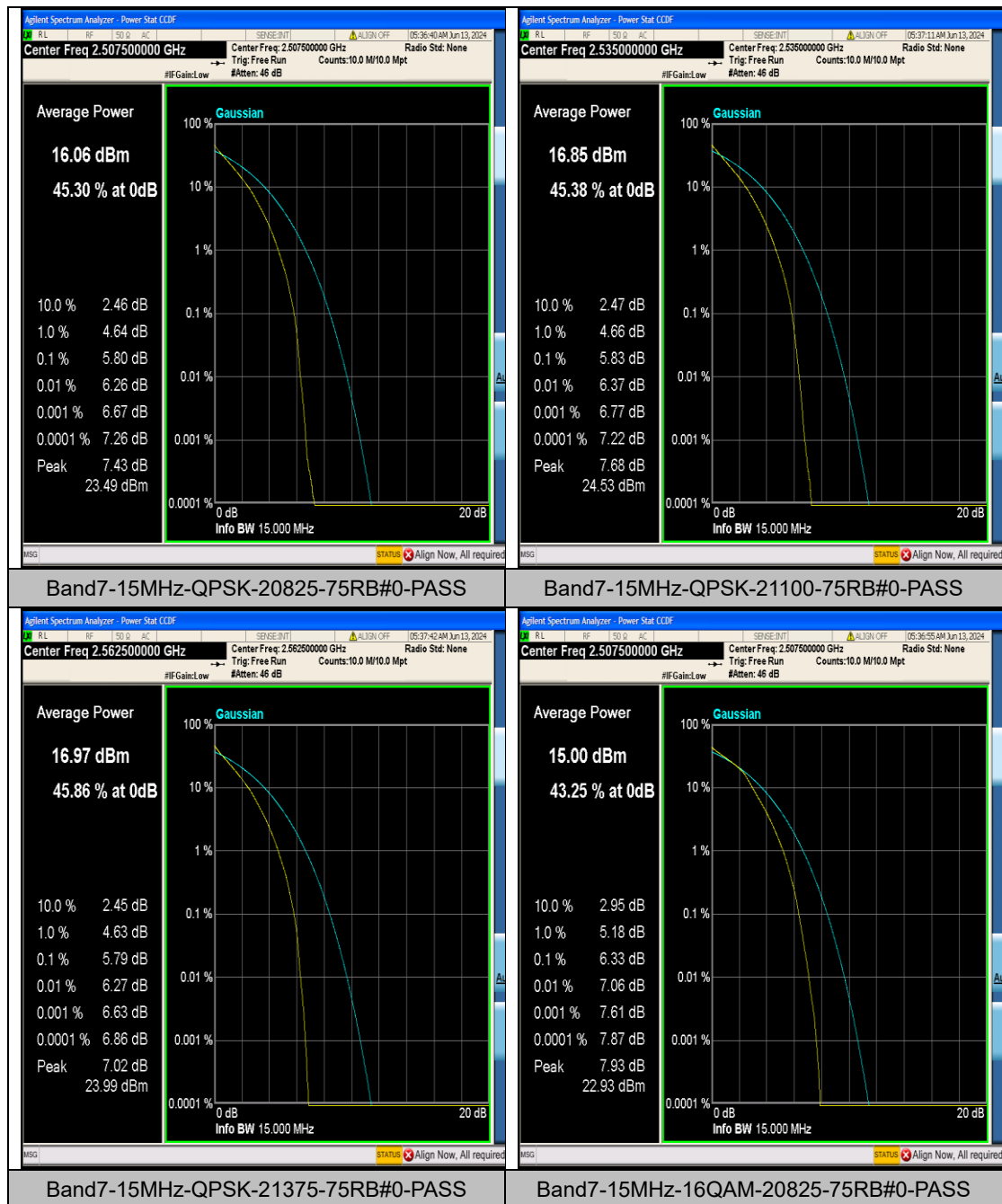
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.56	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.54	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.41	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.25	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.23	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.10	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.51	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.52	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.46	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.22	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.24	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.17	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.80	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.83	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.79	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.33	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.37	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.32	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.49	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.50	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.53	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.28	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.28	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.24	13	PASS

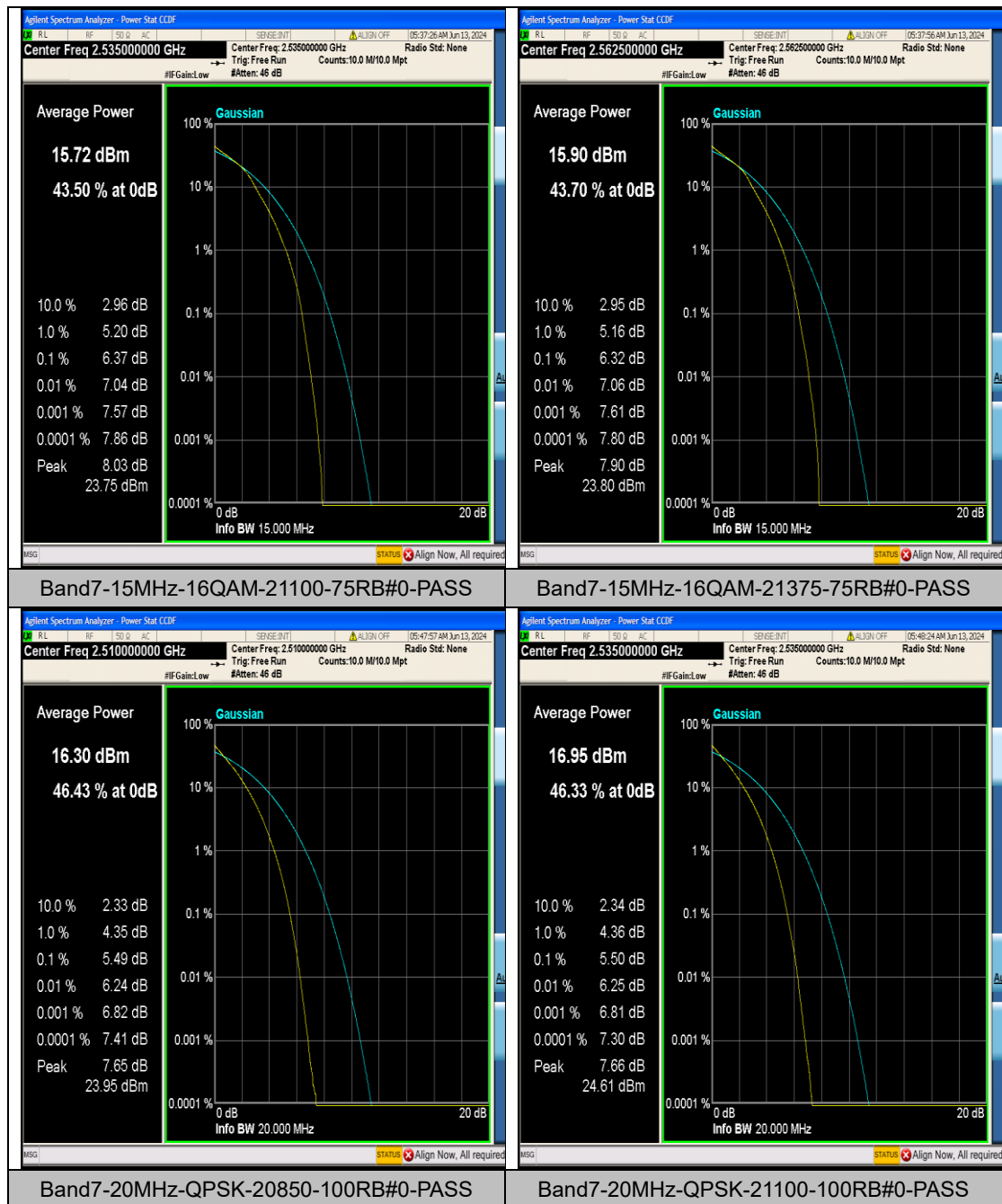
Test Graphs

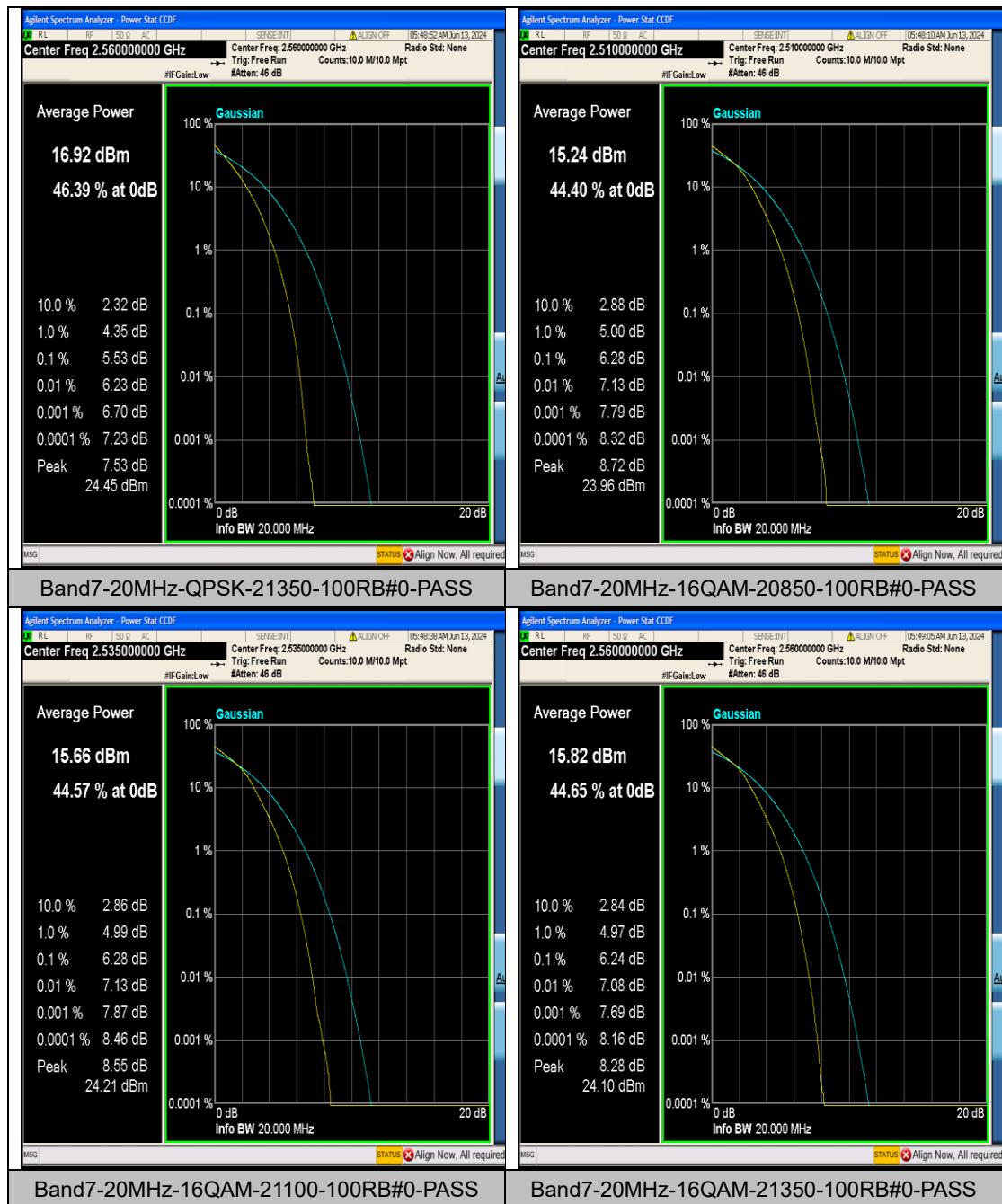










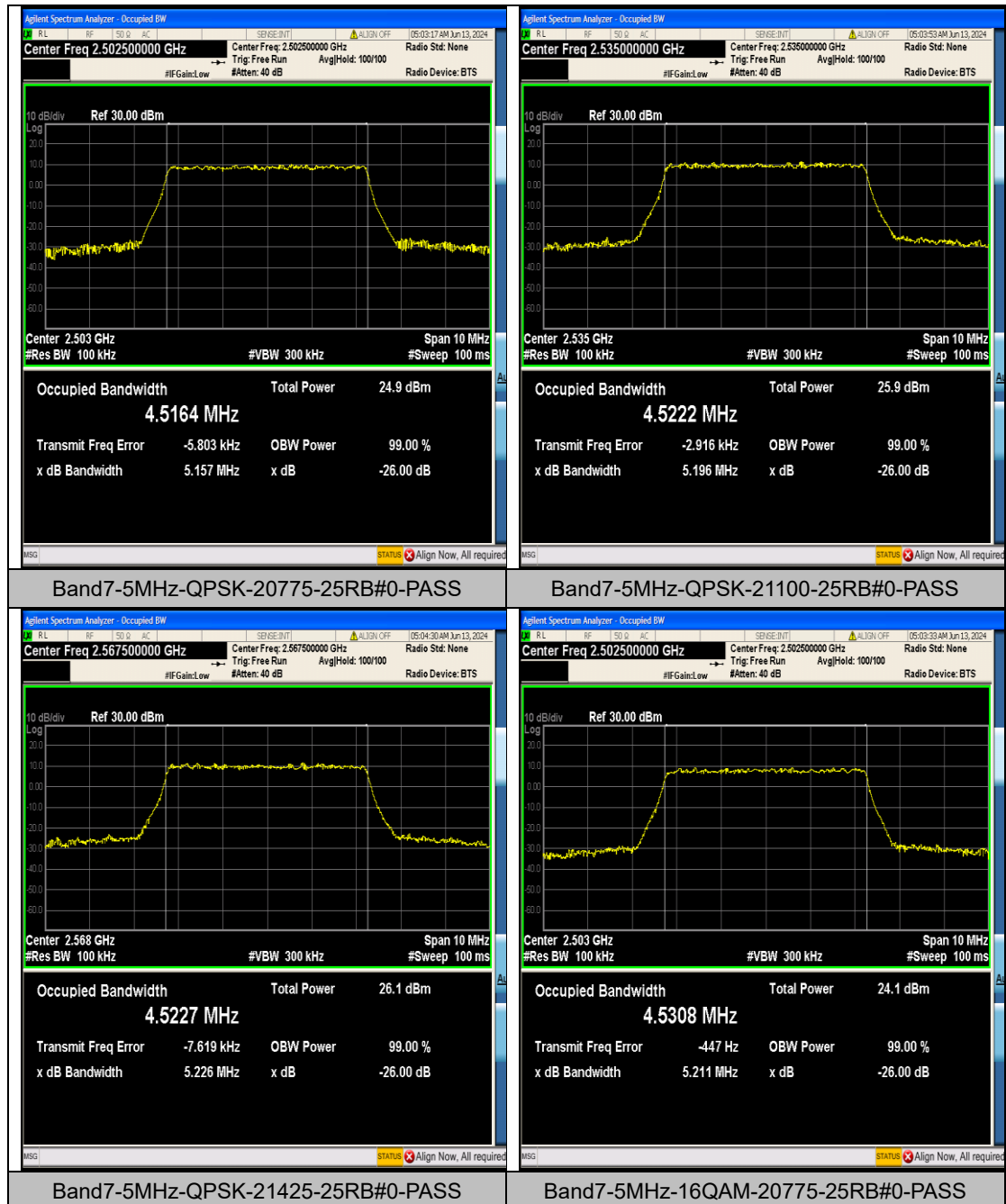


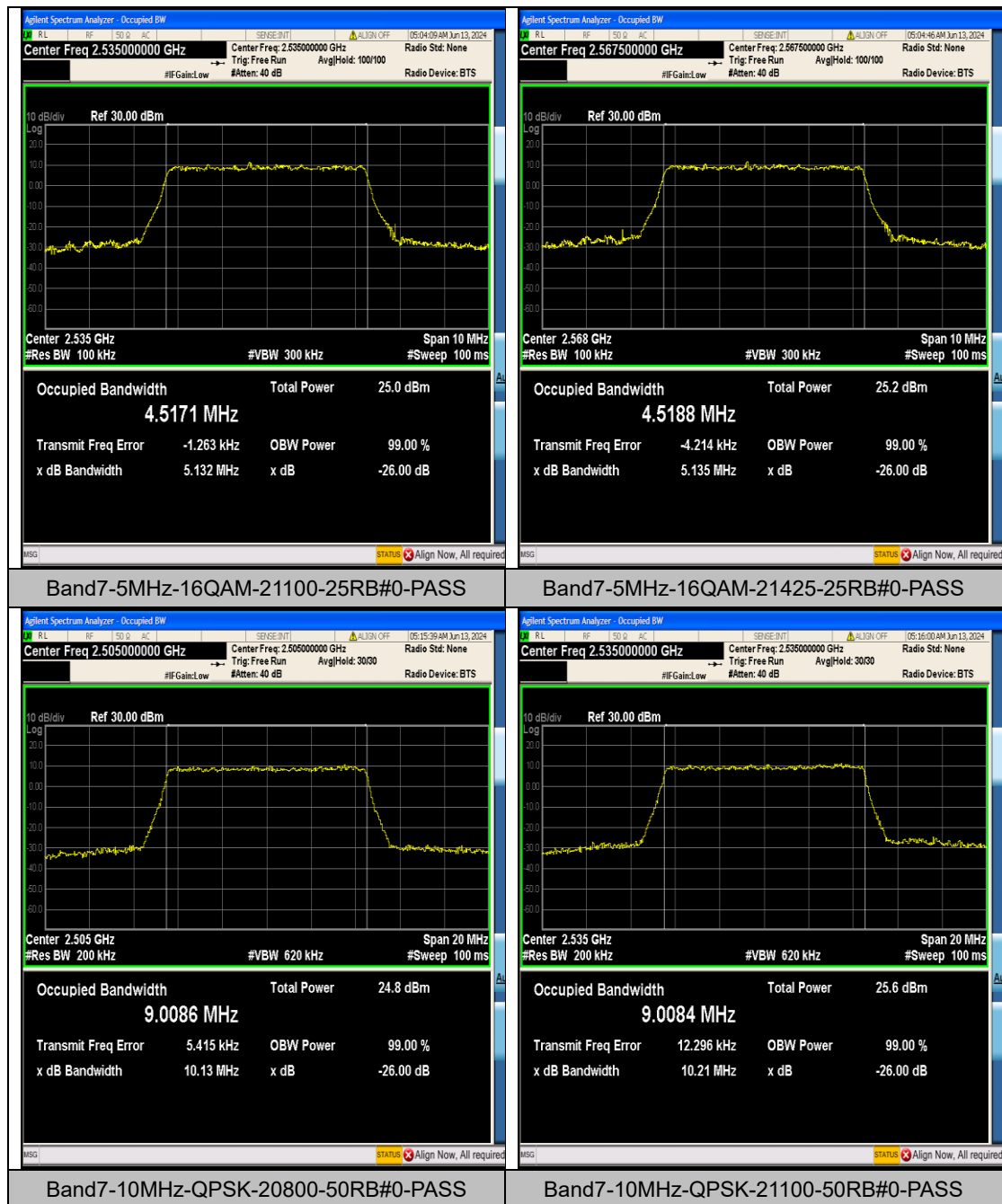
Appendix C: 26dB Bandwidth and Occupied Bandwidth

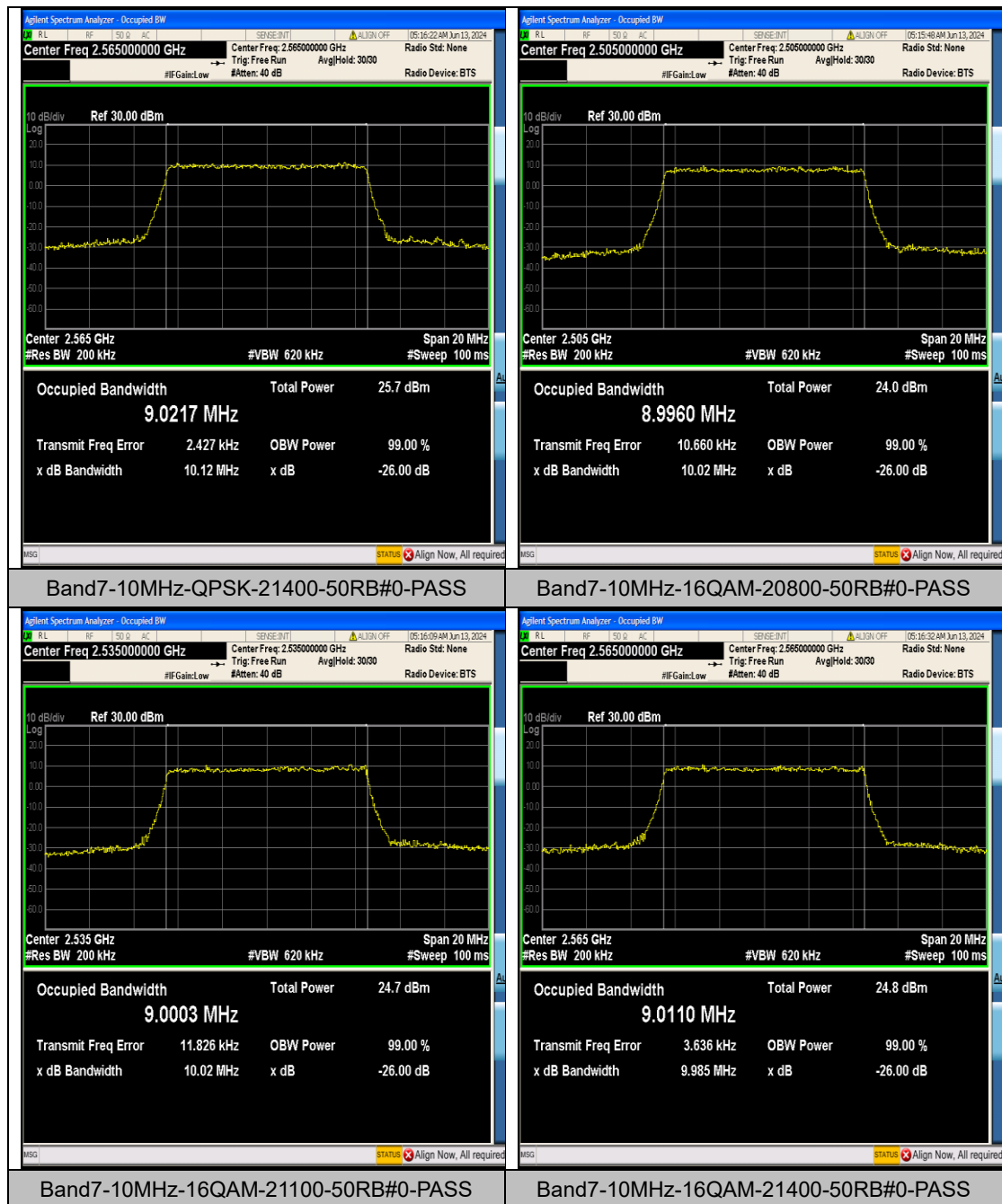
Test Result

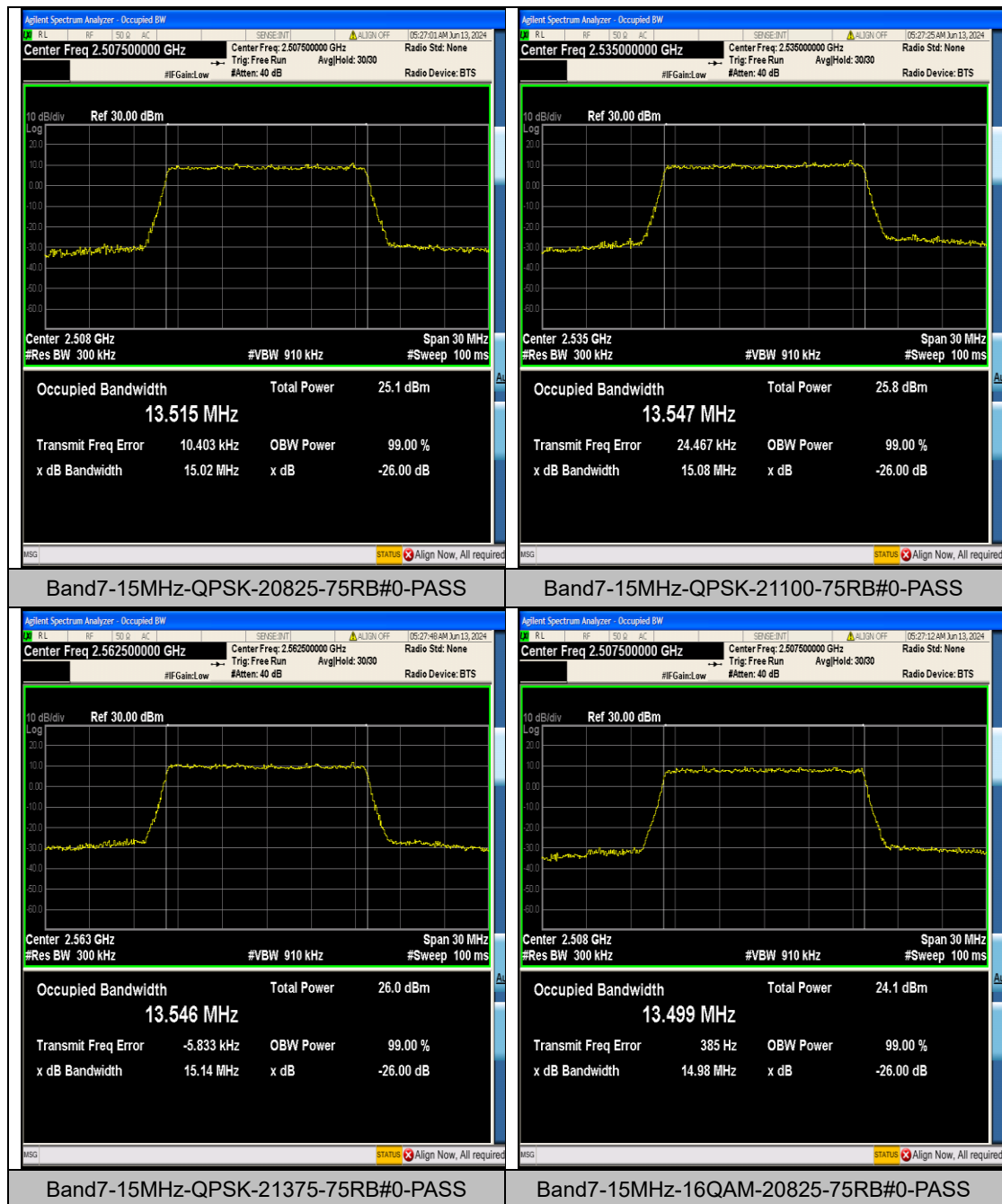
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5164	5.157	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5222	5.196	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5227	5.226	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5308	5.211	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5171	5.132	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5188	5.135	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0086	10.13	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0084	10.21	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0217	10.12	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9960	10.02	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0003	10.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0110	9.985	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.515	15.02	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.547	15.08	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.546	15.14	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.499	14.98	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.512	15.07	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.515	15.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.949	19.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.964	19.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.997	19.90	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.990	19.78	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.984	19.77	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.975	19.63	PASS

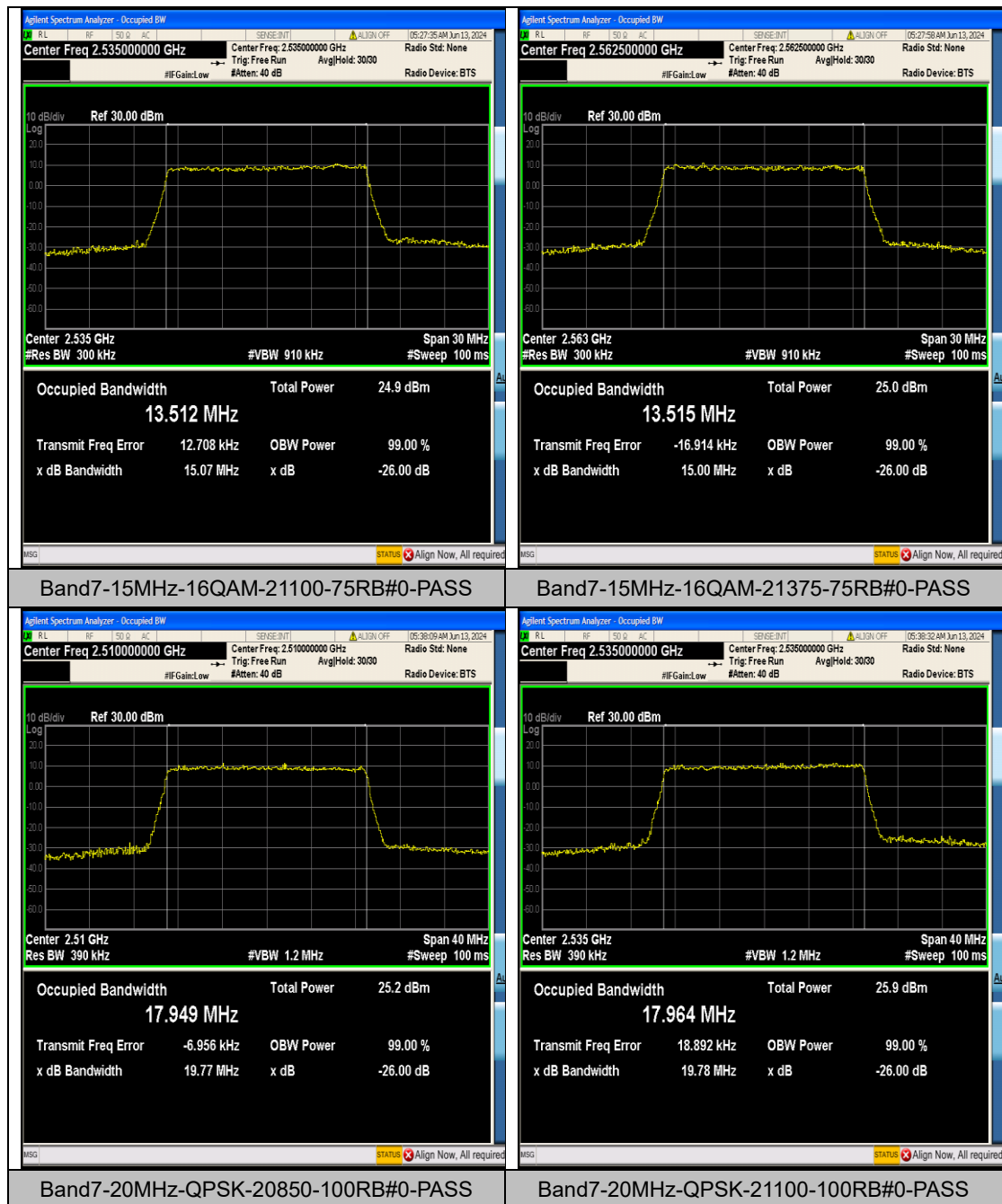
Test Graphs

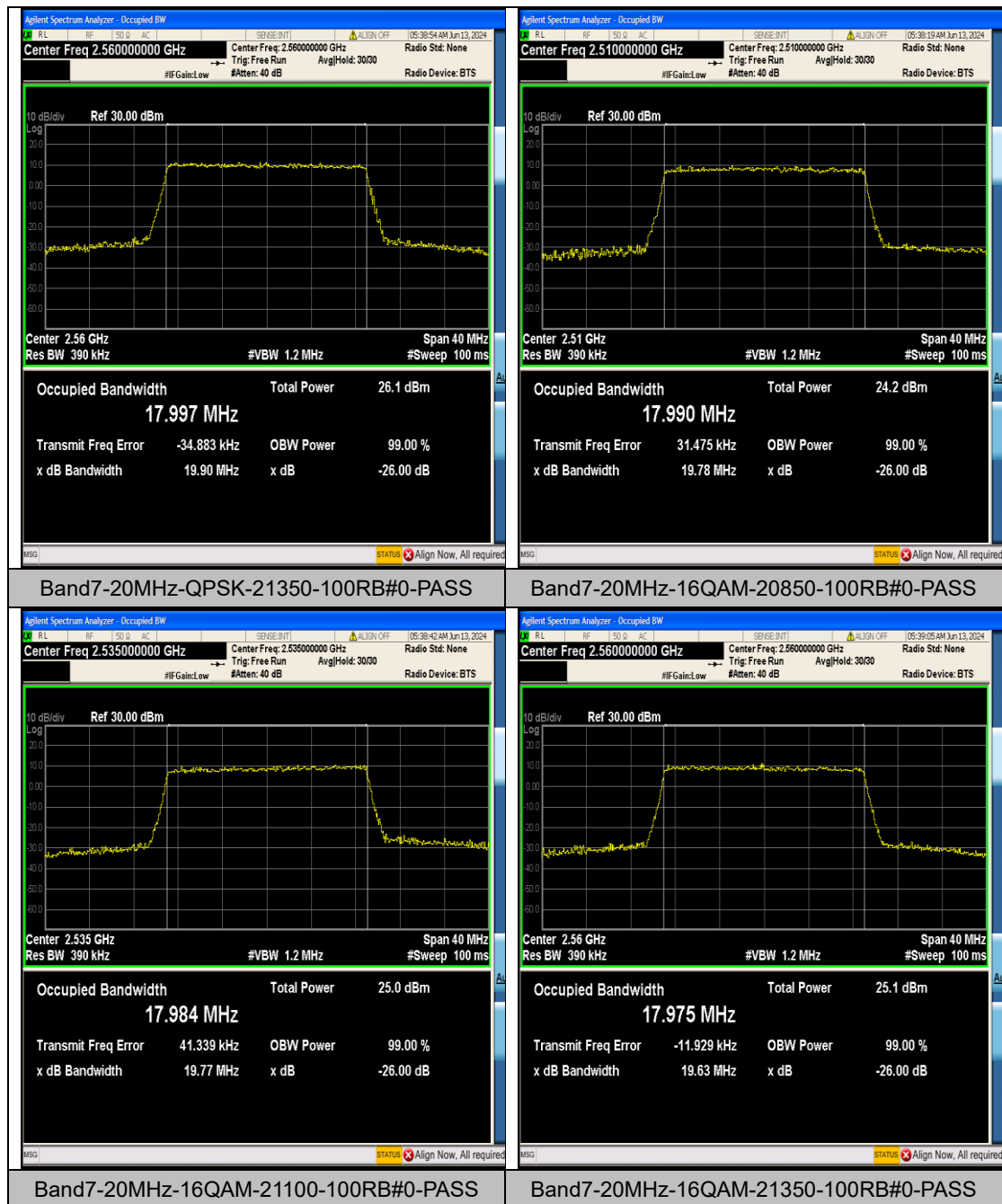










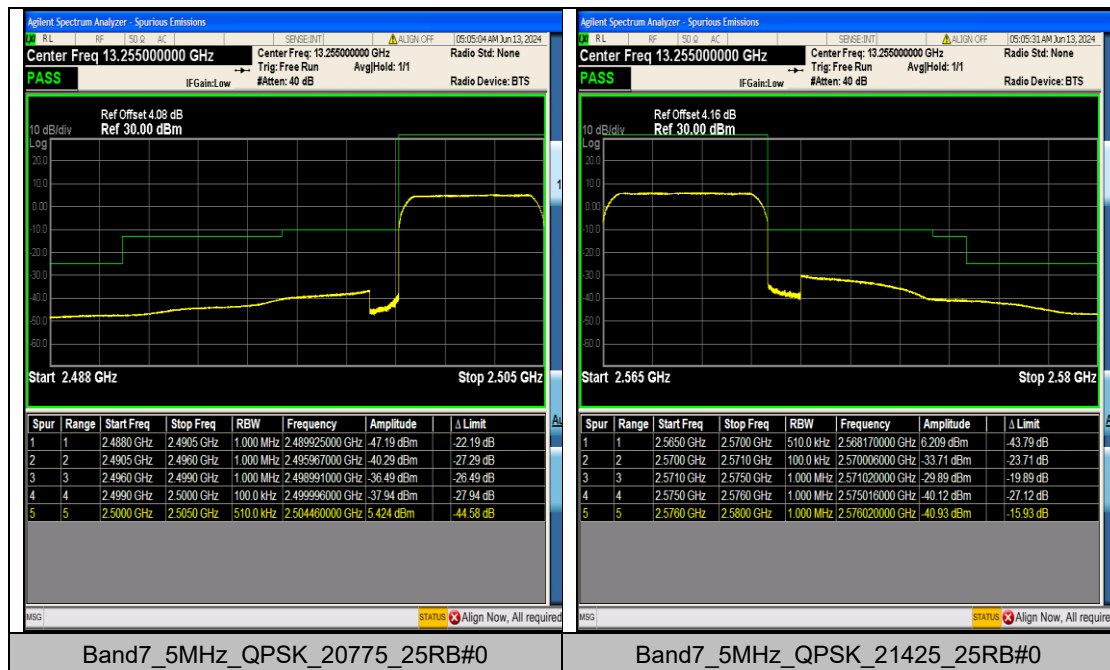


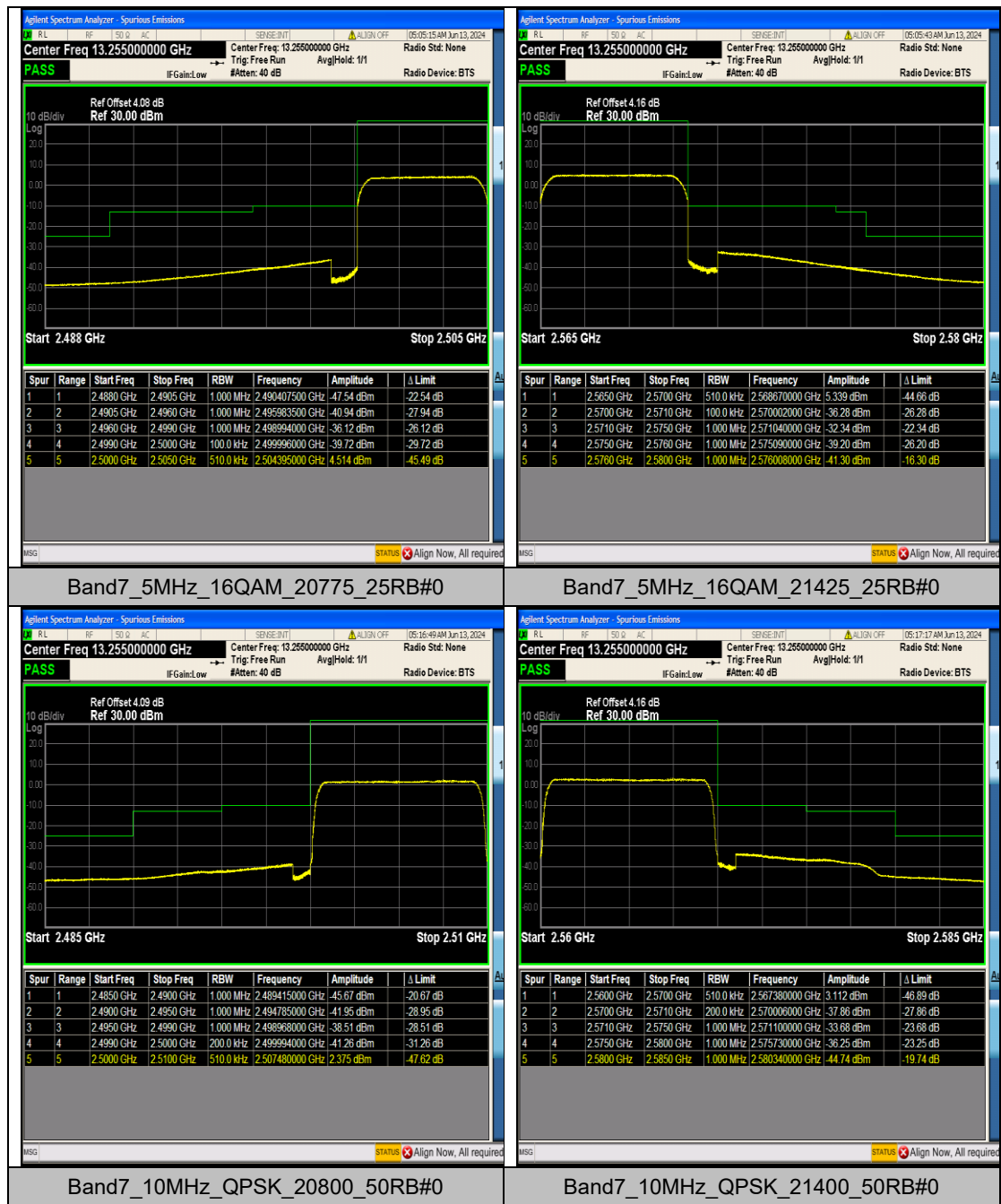
Appendix D: Band Edge

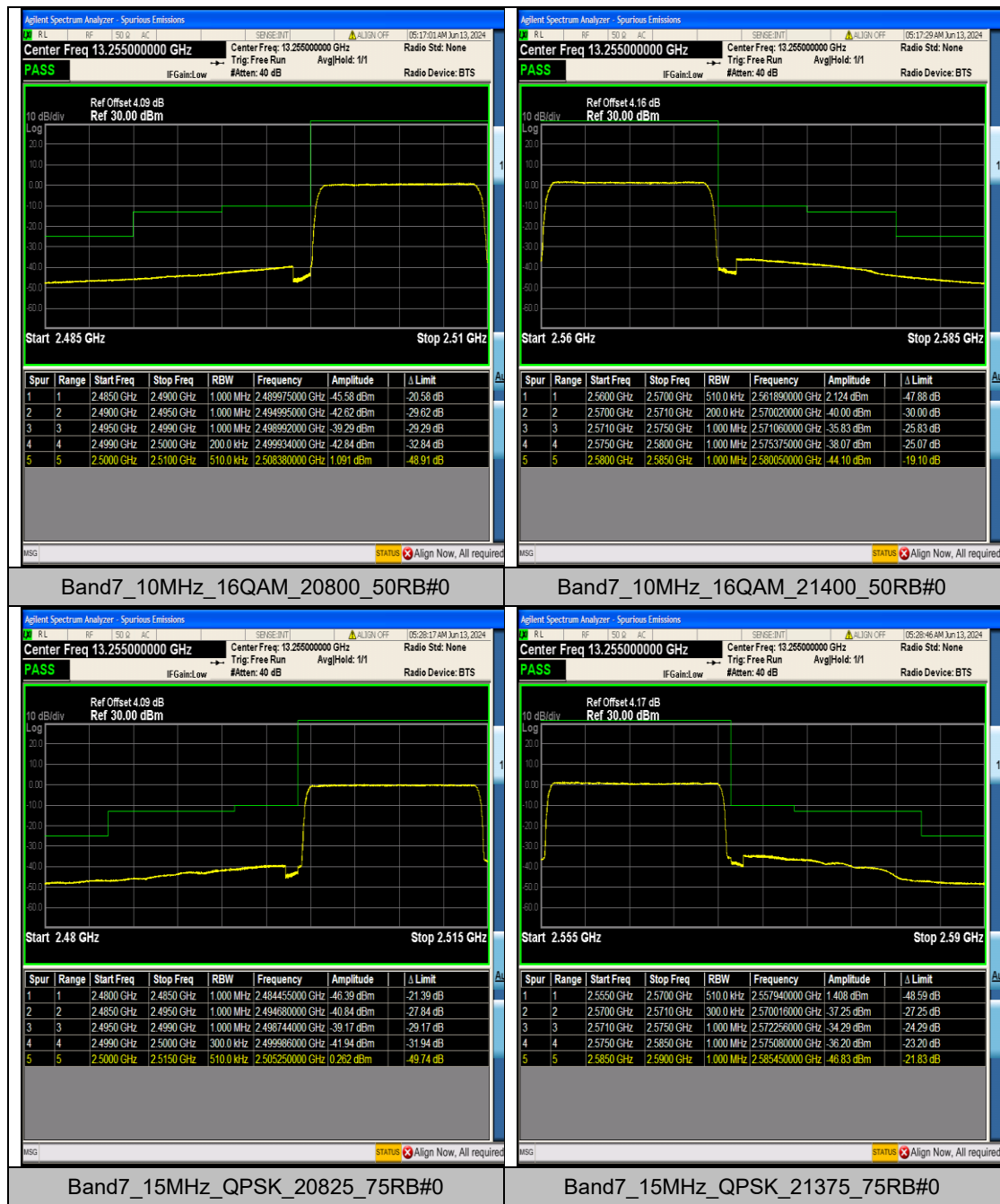
Test Result

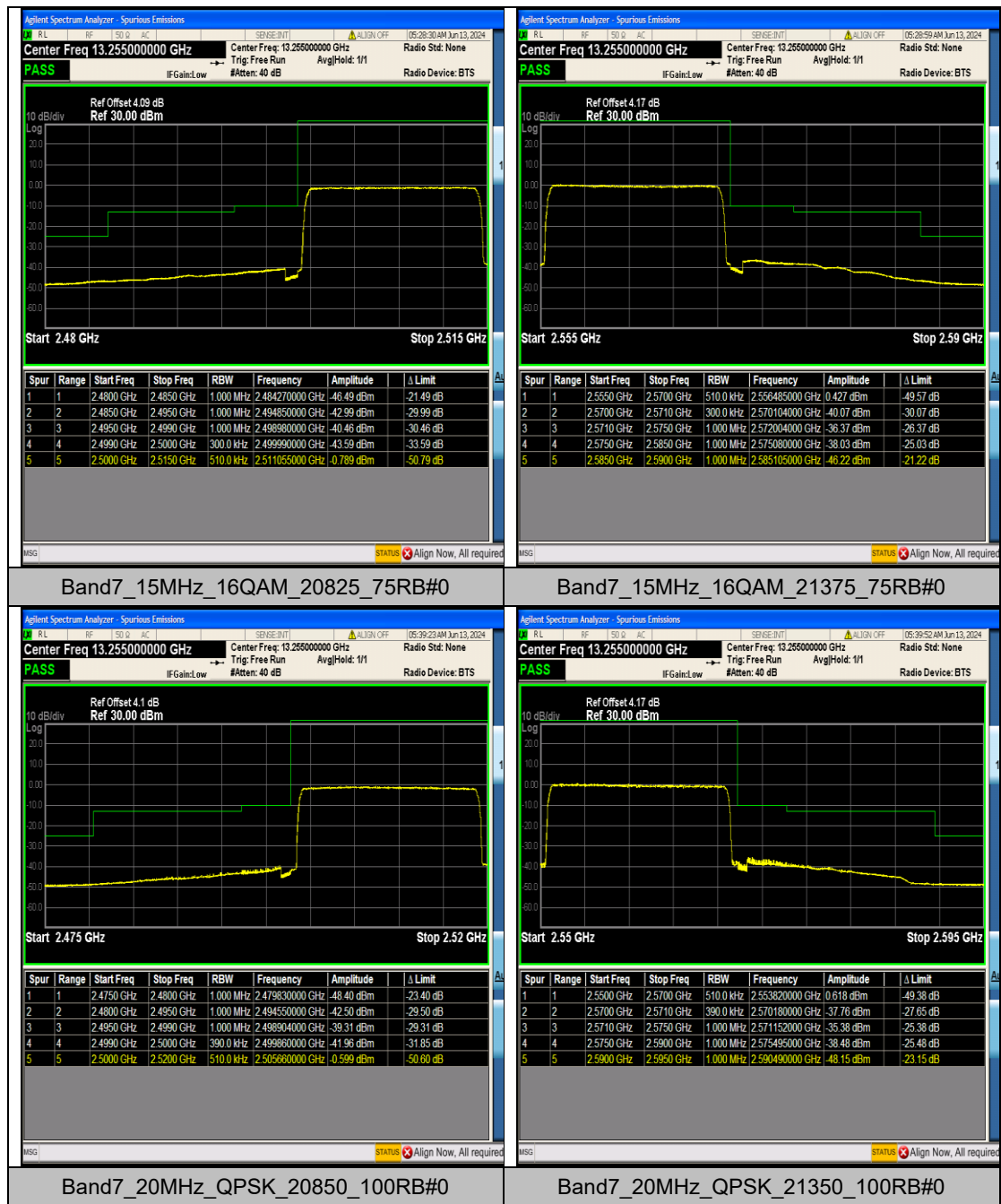
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-47.19	PASS
Band7	5MHz	QPSK	21425	25RB#0	-40.93	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.54	PASS
Band7	5MHz	16QAM	21425	25RB#0	-41.30	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.67	PASS
Band7	10MHz	QPSK	21400	50RB#0	-44.74	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.58	PASS
Band7	10MHz	16QAM	21400	50RB#0	-44.10	PASS
Band7	15MHz	QPSK	20825	75RB#0	-46.39	PASS
Band7	15MHz	QPSK	21375	75RB#0	-46.83	PASS
Band7	15MHz	16QAM	20825	75RB#0	-46.49	PASS
Band7	15MHz	16QAM	21375	75RB#0	-46.22	PASS
Band7	20MHz	QPSK	20850	100RB#0	-48.40	PASS
Band7	20MHz	QPSK	21350	100RB#0	-48.15	PASS
Band7	20MHz	16QAM	20850	100RB#0	-48.42	PASS
Band7	20MHz	16QAM	21350	100RB#0	-48.15	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	-72.20	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-67.87	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.49	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-46.12	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.85	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-73.10	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-67.97	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.97	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-42.30	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-39.52	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-73.08	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-66.67	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.83	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-43.83	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.84	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-74.93	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-69.47	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.94	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-46.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-39.77	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-73.59	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-69.02	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.78	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-45.37	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.37	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-74.64	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-69.39	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.88	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-42.79	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.92	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-73.93	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-69.21	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.62	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-46.54	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.73	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-71.90	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-67.14	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.55	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-45.90	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.84	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-72.41	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-68.47	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-66.69	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.06	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.60	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-75.29	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-68.19	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.85	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-46.17	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.88	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-72.14	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-68.82	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.76	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-46.29	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.69	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-73.06	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-68.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.23	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-46.31	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-39.90	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-76.02	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-68.57	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.75	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-46.47	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.60	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-74.80	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-68.83	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.67	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-46.32	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.66	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-70.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-67.14	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.44	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-46.19	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.83	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-73.10	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-68.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.64	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-46.21	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-40.02	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-72.56	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-69.70	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.65	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-46.58	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.61	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-73.32	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-68.19	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.70	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-46.08	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-69.27	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-67.04	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-46.09	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-39.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-74.91	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-69.90	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.76	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-46.06	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.53	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-76.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-70.55	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.63	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.23	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.75	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-75.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-68.64	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.75	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-46.11	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.59	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-74.13	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-67.96	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.83	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-46.50	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.63	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-72.46	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-68.44	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.79	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.42	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.75	PASS

Test Graphs

