

FCC LTE Band Test Data

FCC ID : 2BCQ3FLY200

Company: : A3 MOBILE SAS

EUT : Mobile Phone

Model Number : FY-200

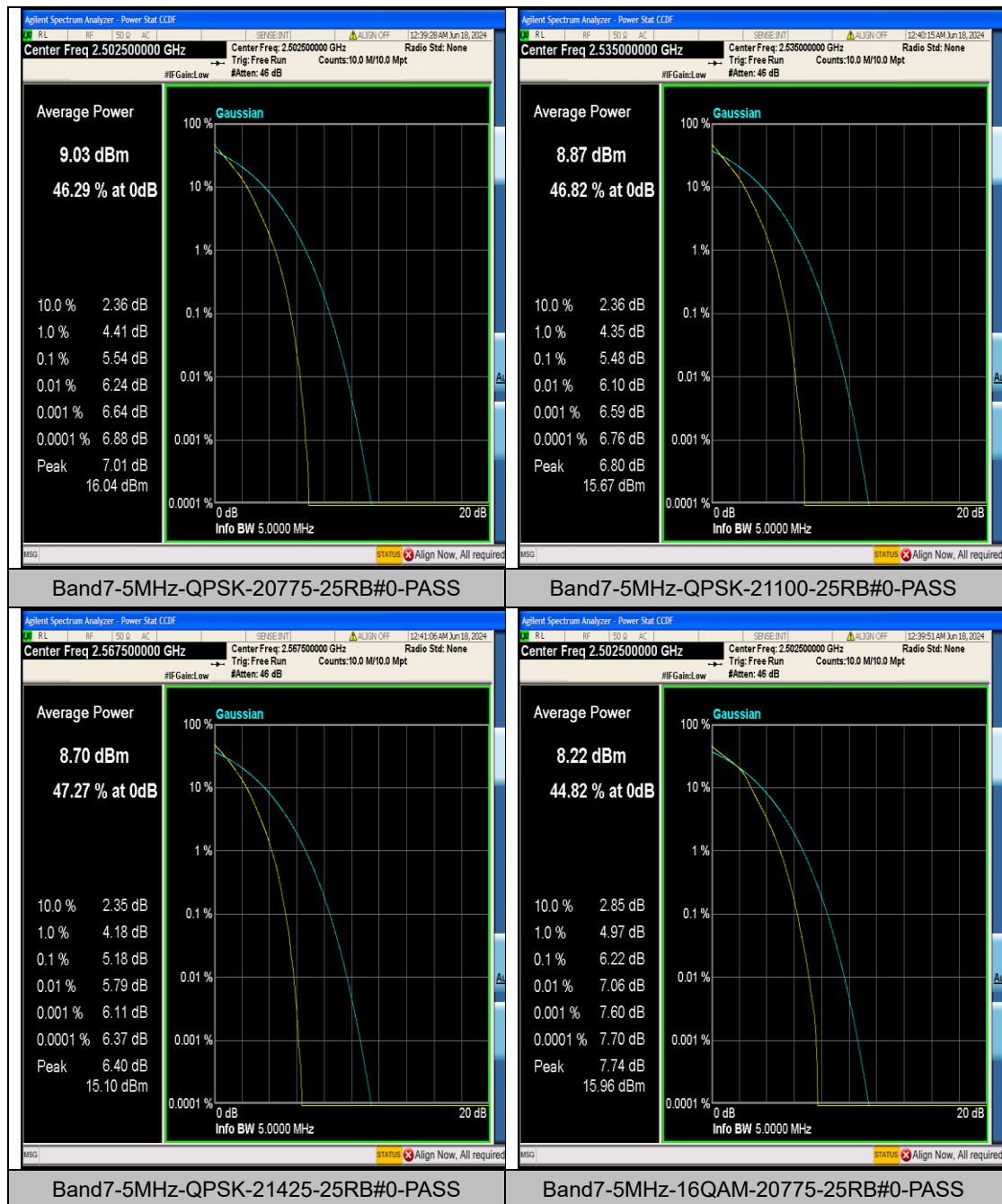
Reviewed By : Eric Wang

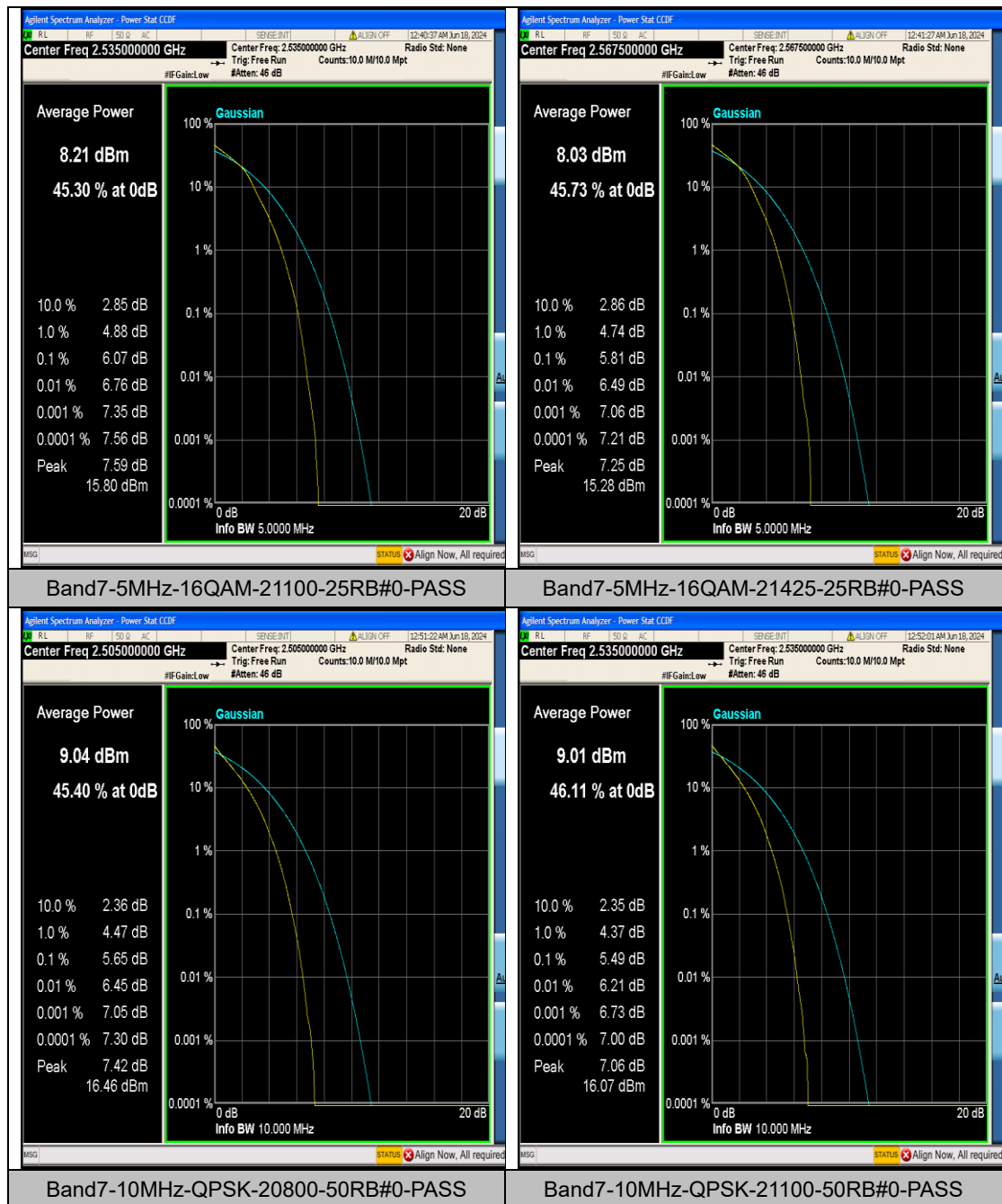
Appendix B: Peak-to-Average Ratio(CCDF)

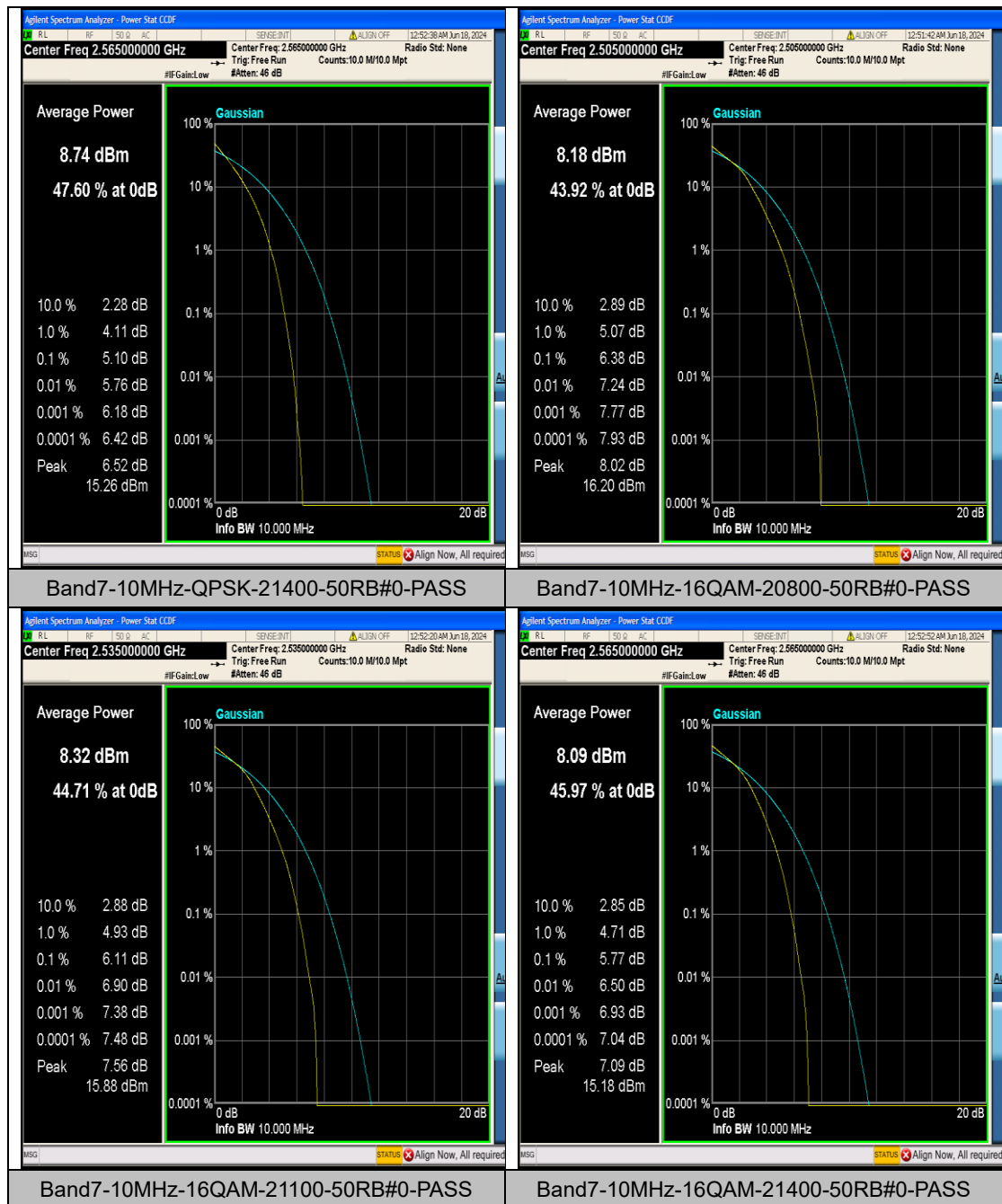
Test Result

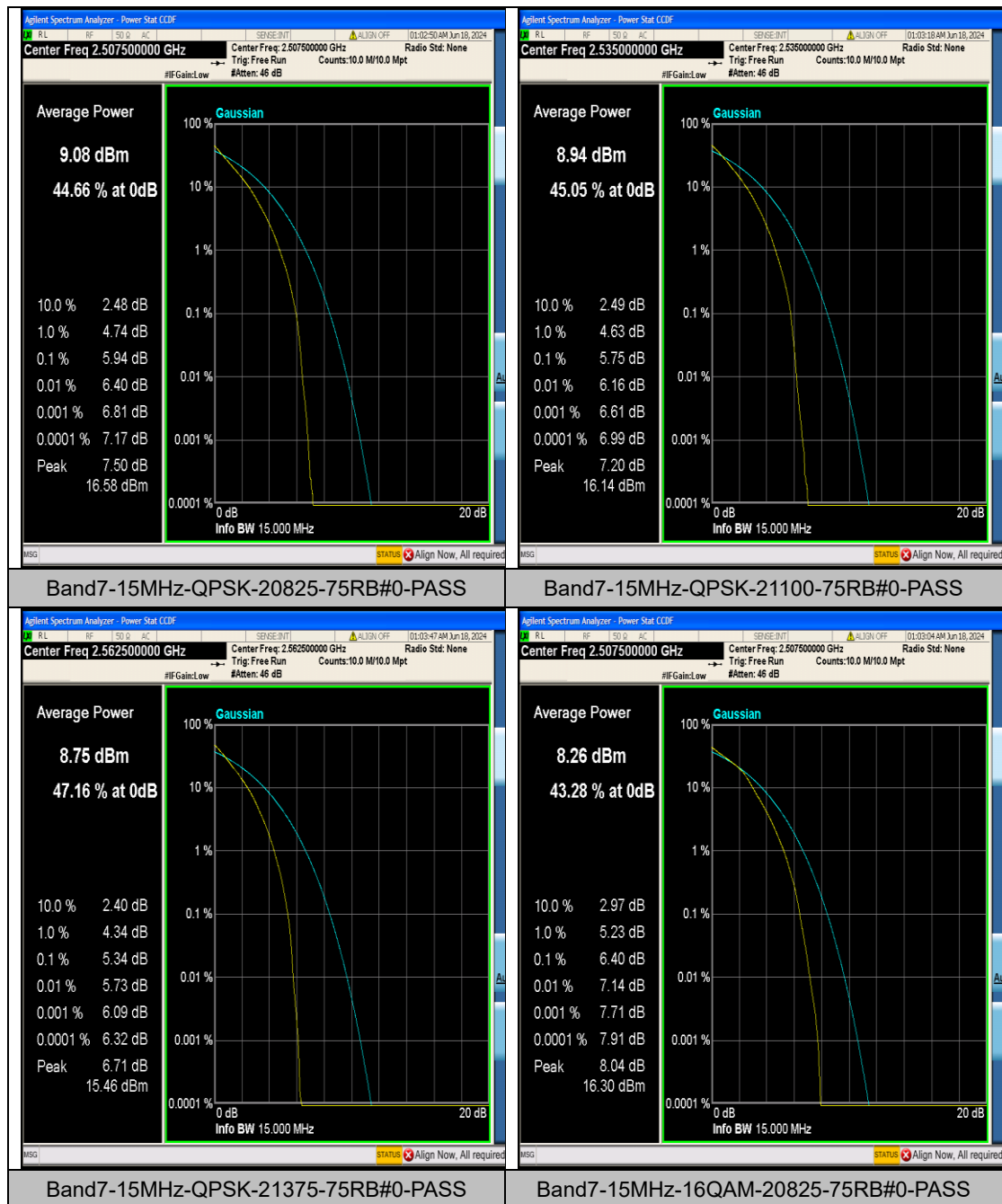
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.54	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.48	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.18	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.22	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.07	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.81	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.65	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.49	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.10	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.38	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.11	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.77	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.94	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.75	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.34	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.40	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.18	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.88	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.60	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.47	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.19	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.34	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.15	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.91	13	PASS

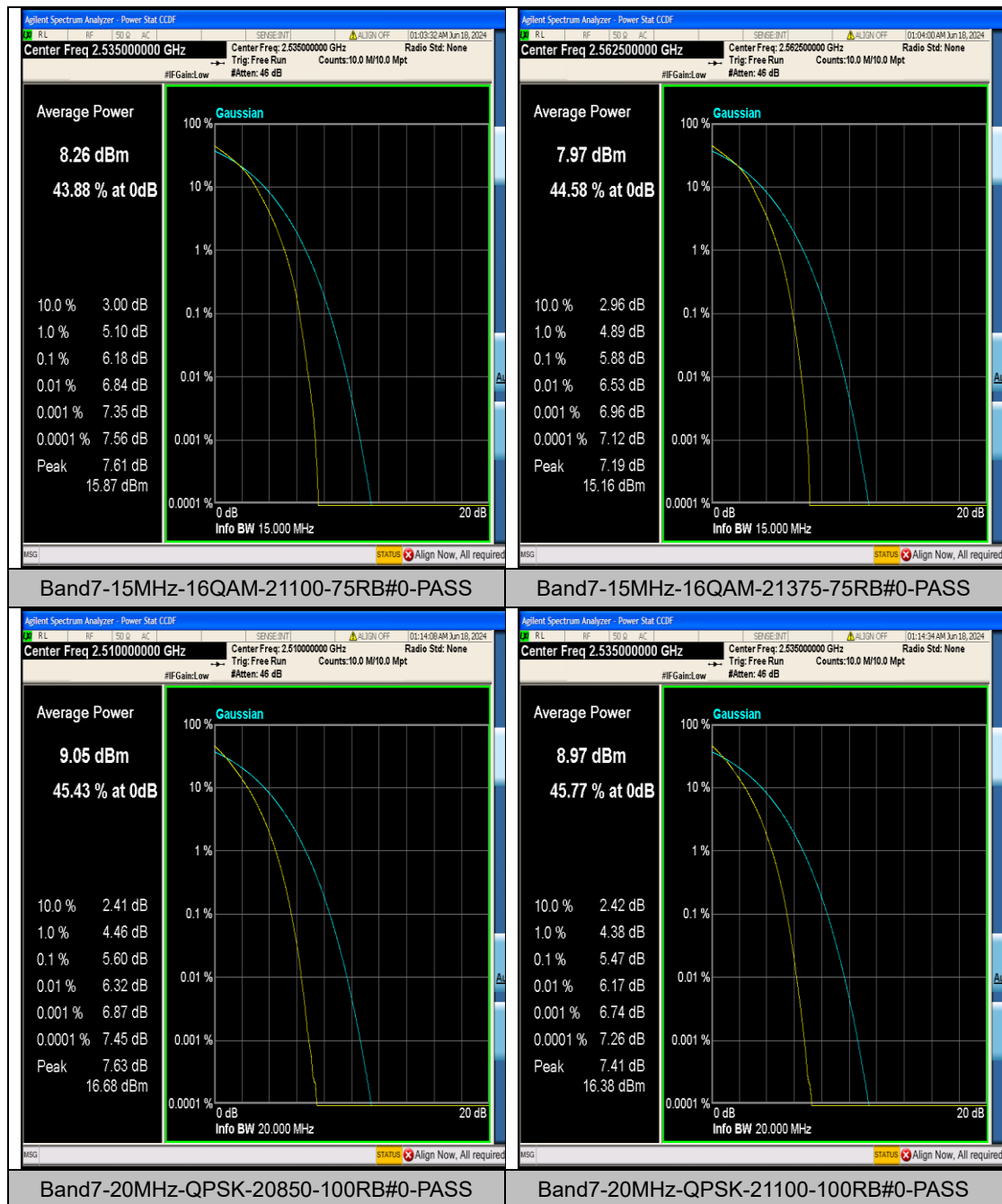
Test Graphs

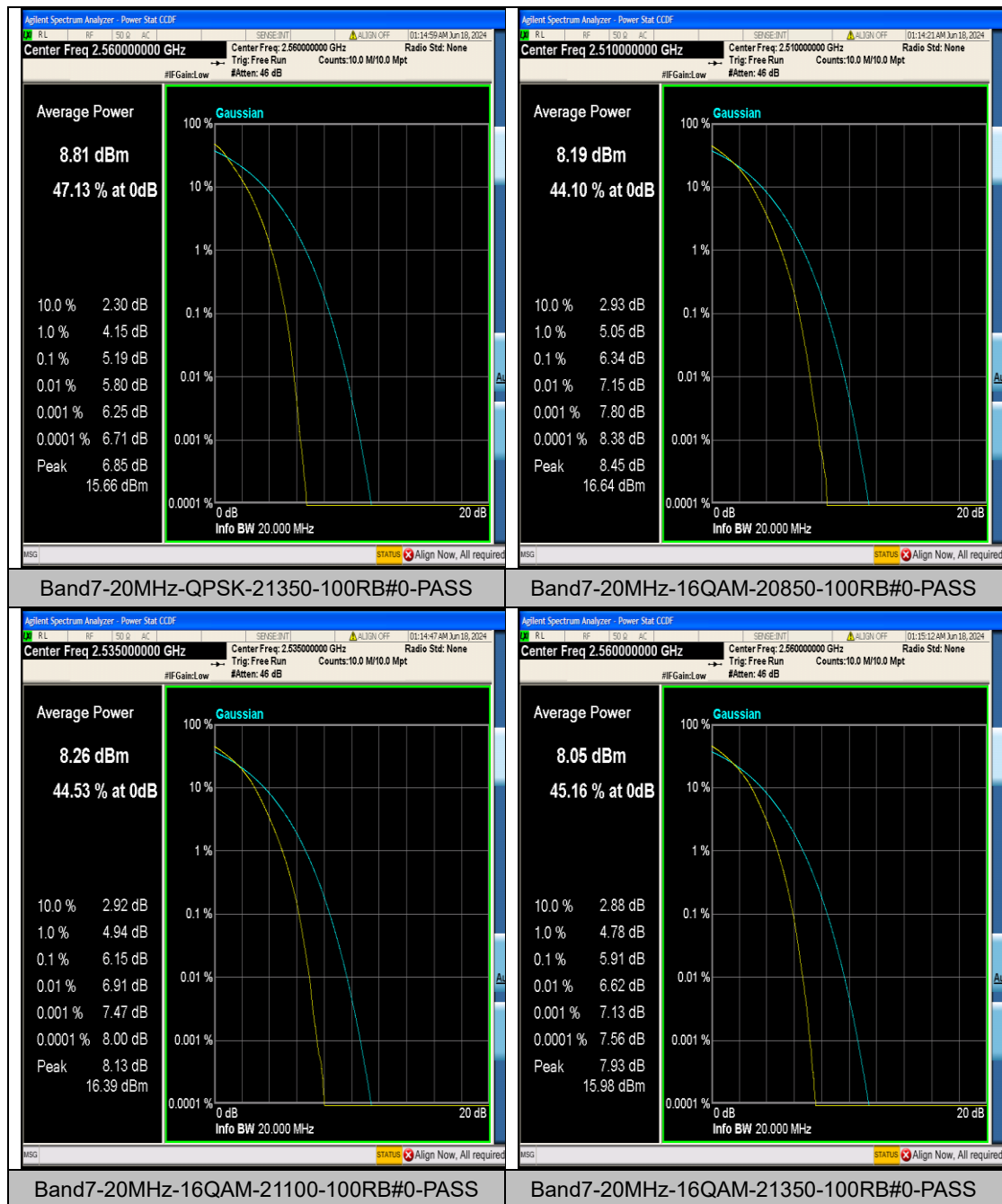










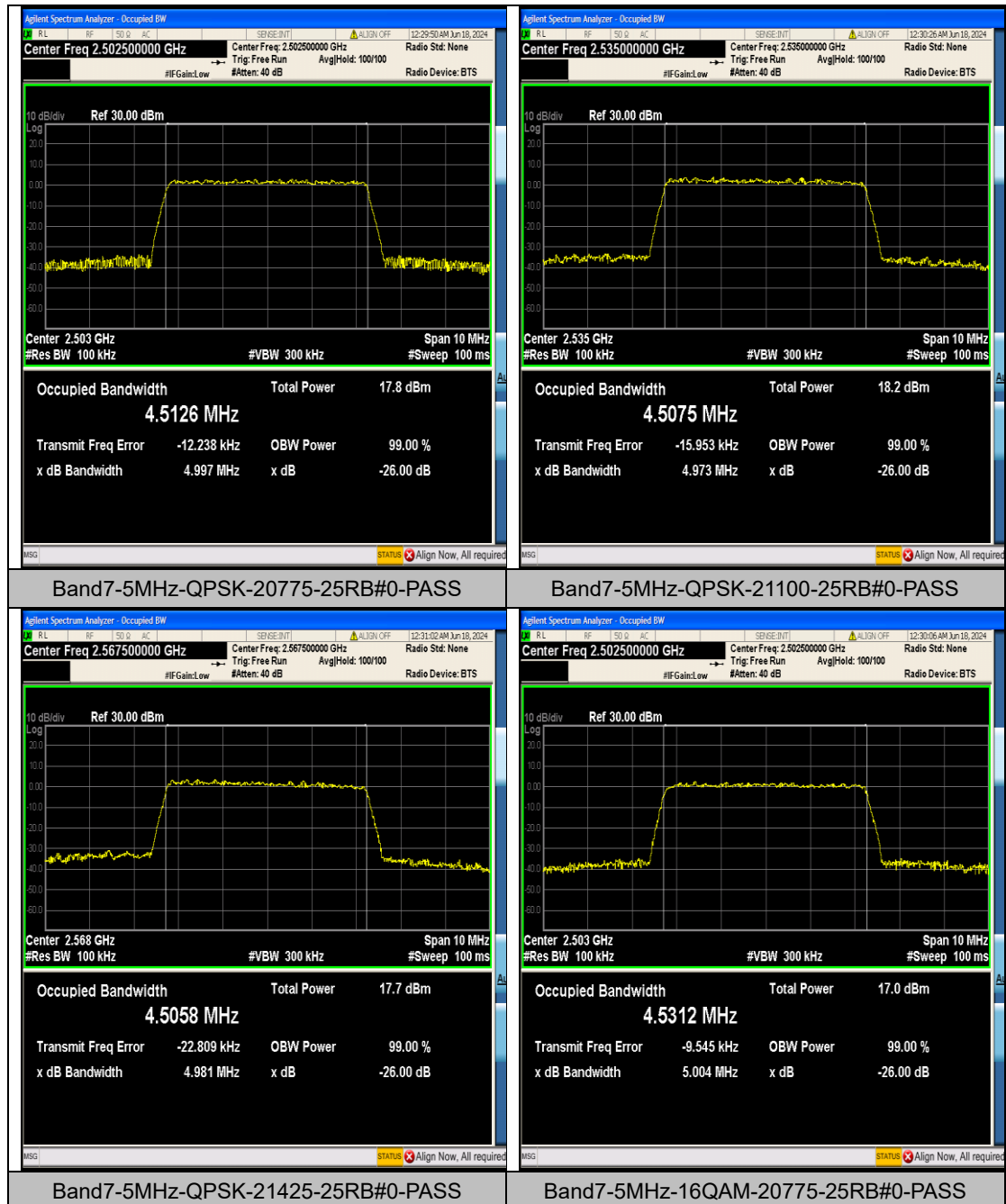


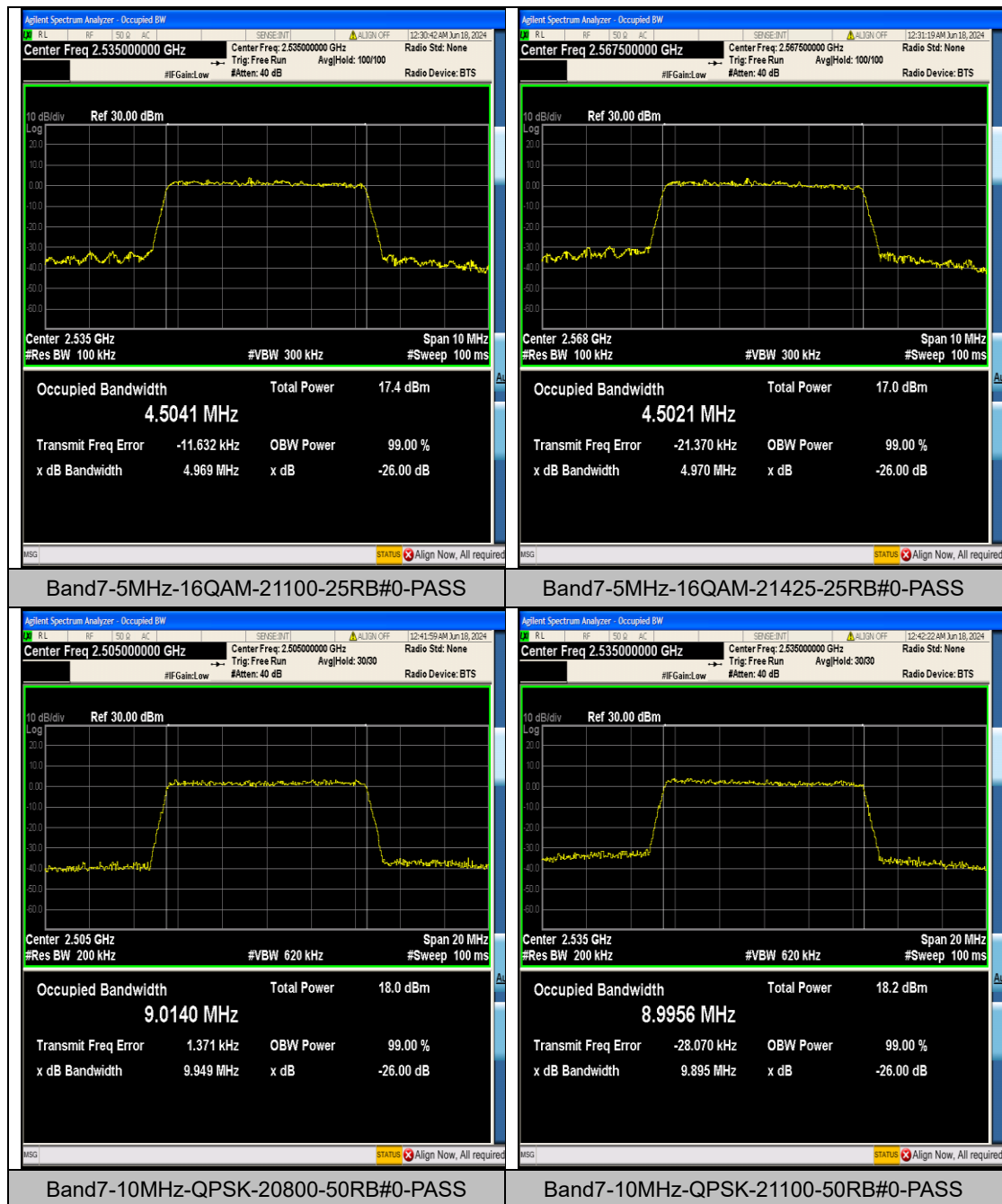
Appendix C: 26dB Bandwidth and Occupied Bandwidth

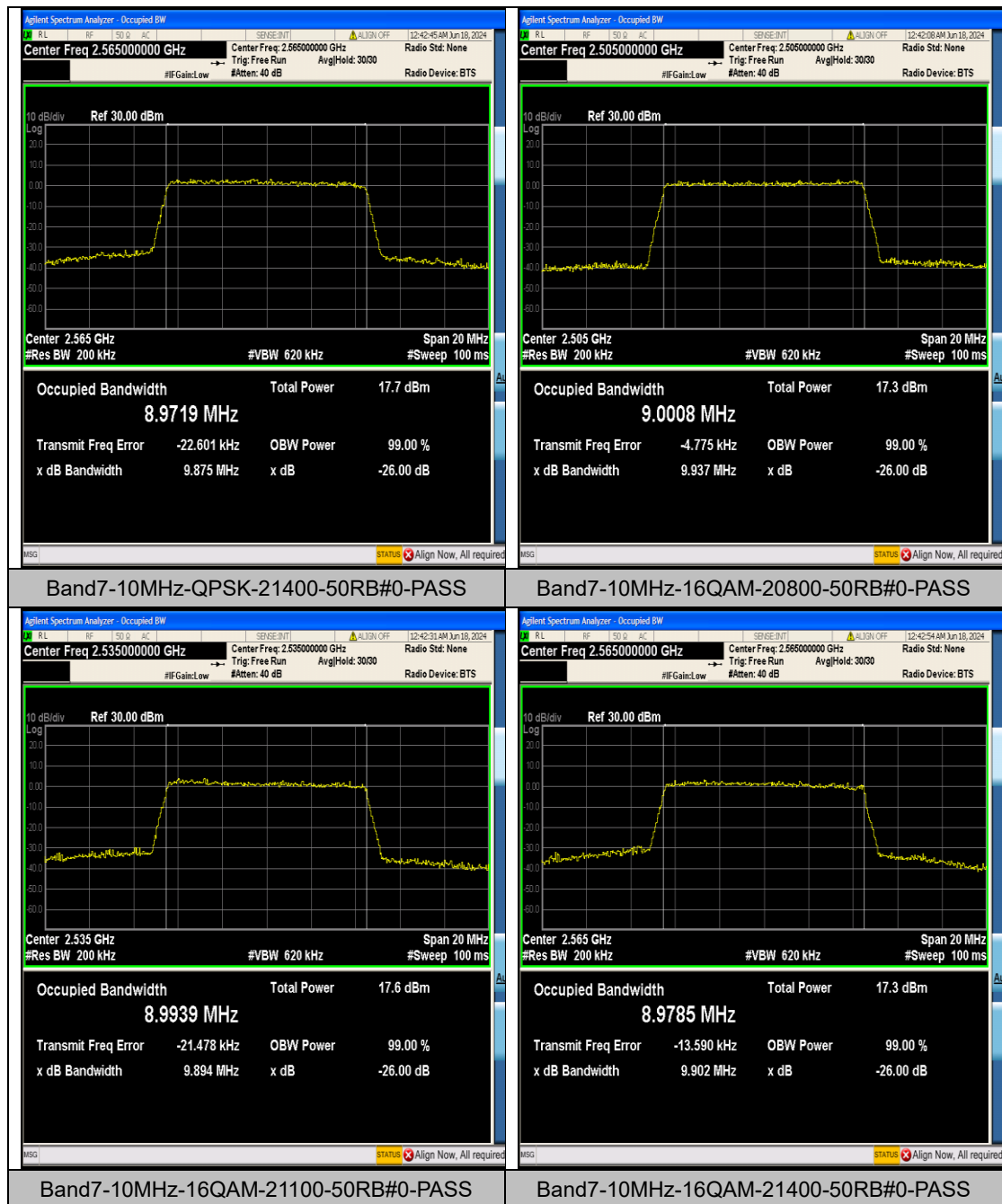
Test Result

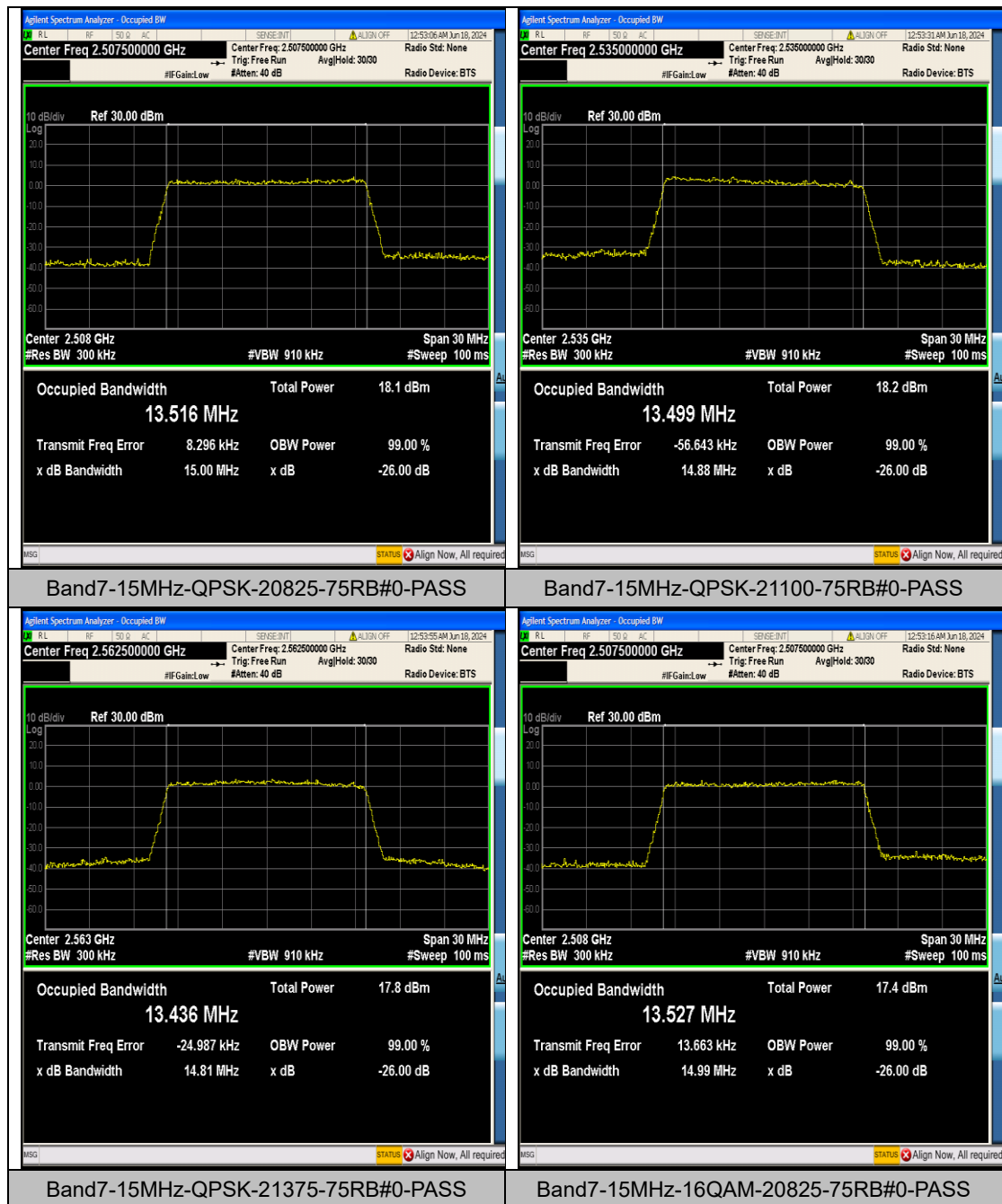
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5126	4.997	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5075	4.973	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5058	4.981	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5312	5.004	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5041	4.969	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5021	4.970	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0140	9.949	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9956	9.895	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9719	9.875	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0008	9.937	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9939	9.894	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9785	9.902	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.516	15.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.499	14.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.436	14.81	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.527	14.99	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.421	14.84	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.016	19.65	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.970	19.60	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.908	19.72	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.036	19.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.973	19.61	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.901	19.54	PASS

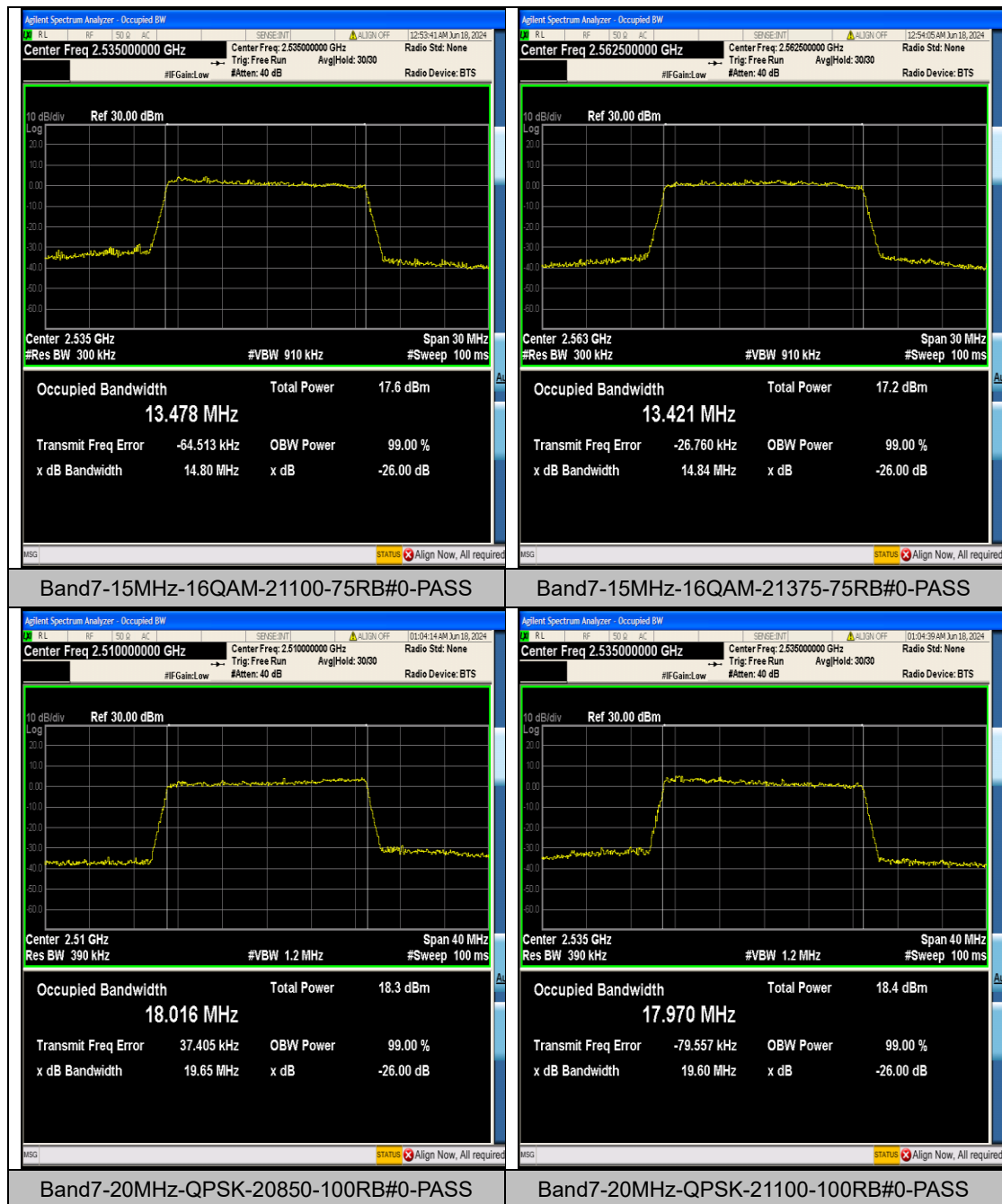
Test Graphs

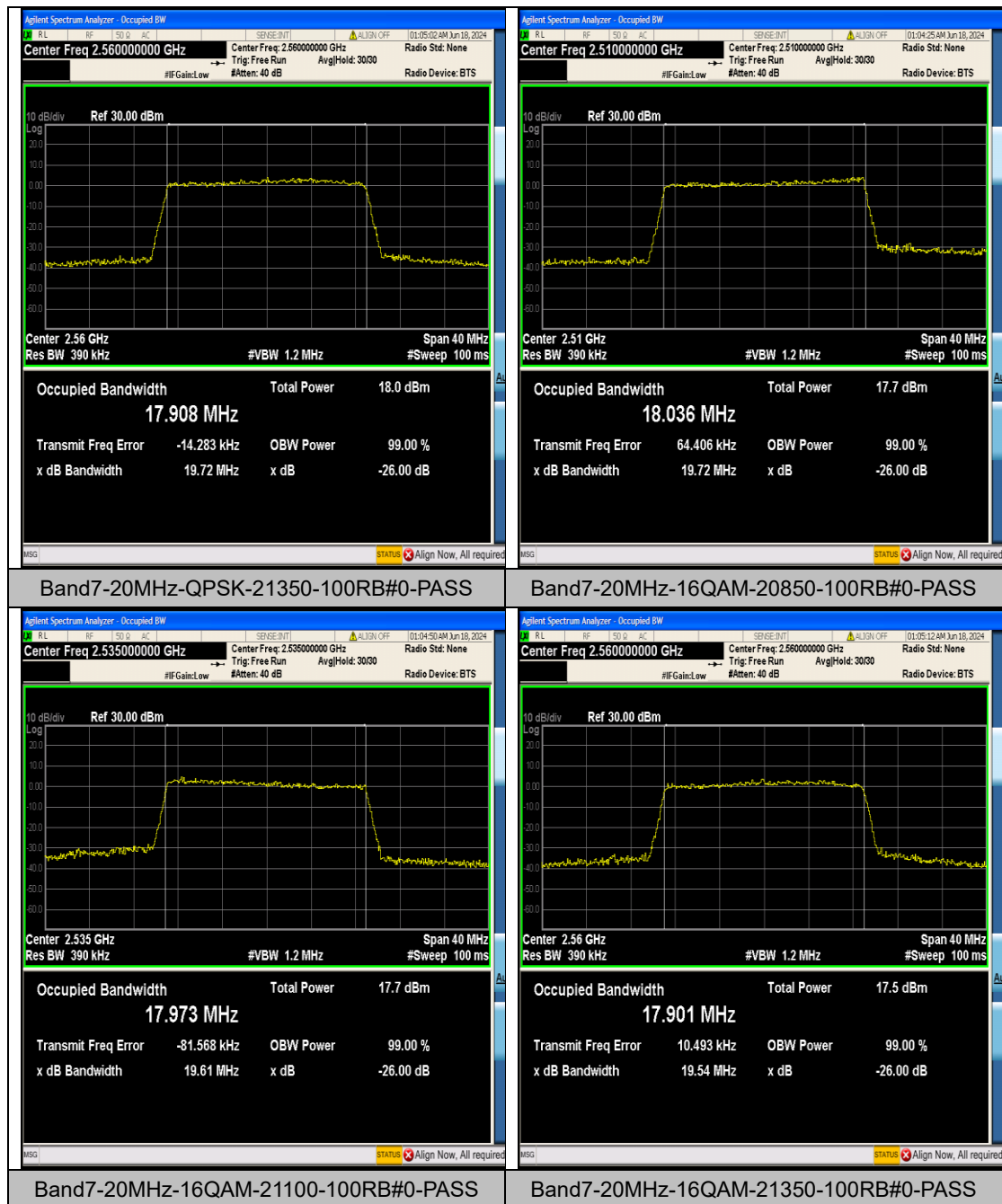










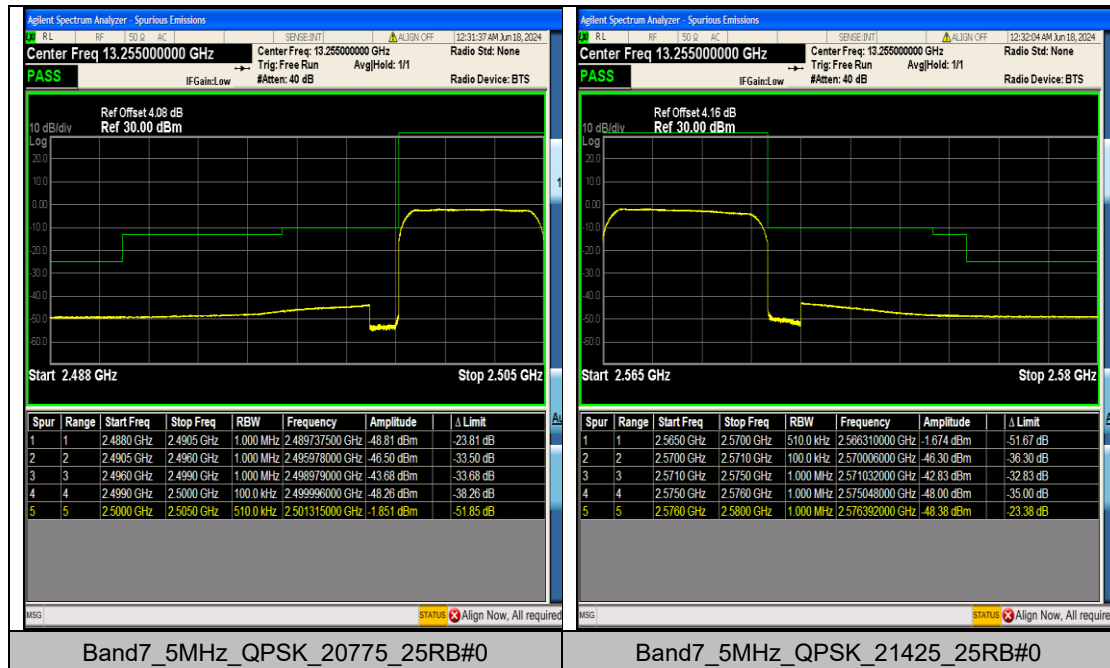


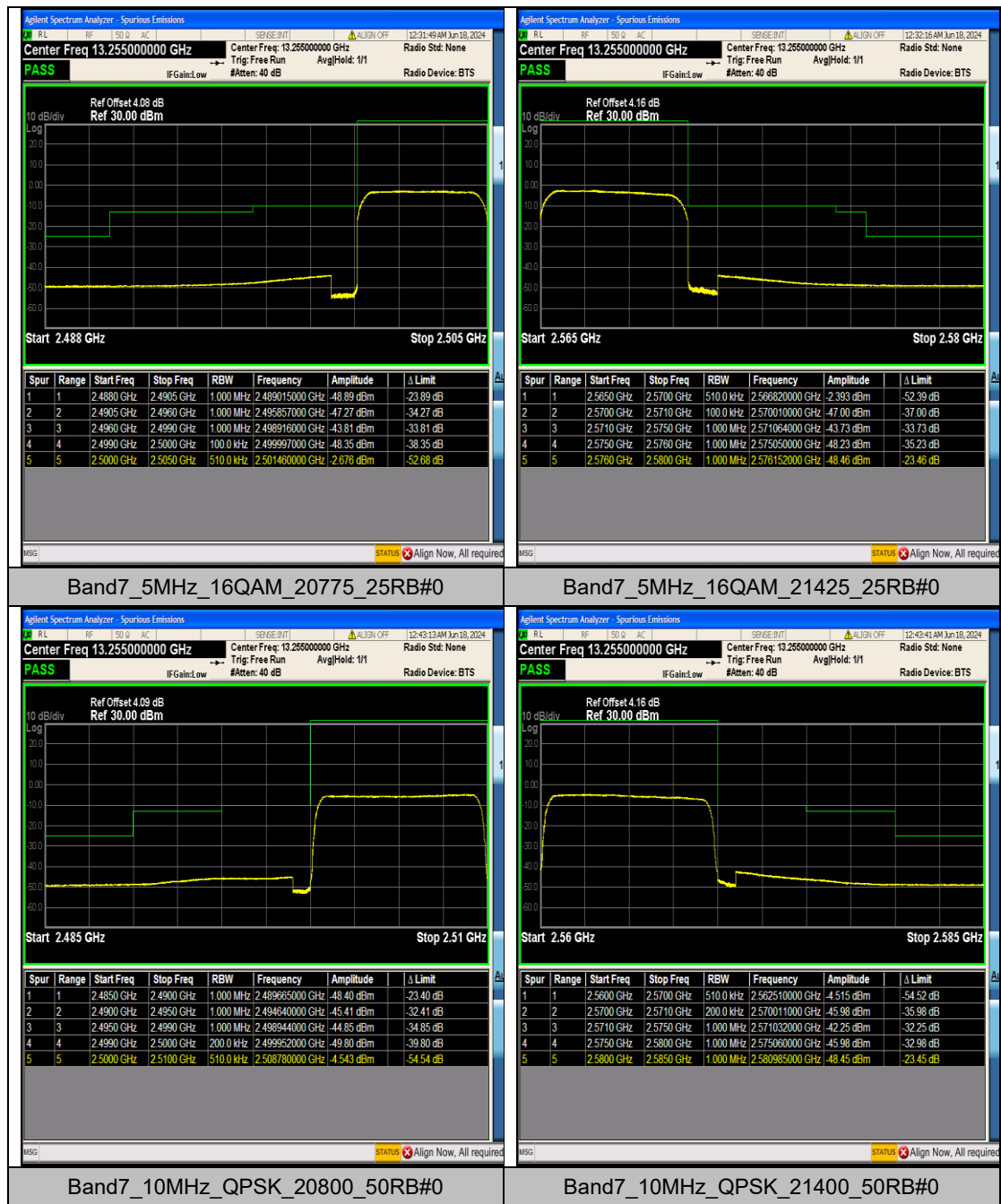
Appendix D: Band Edge

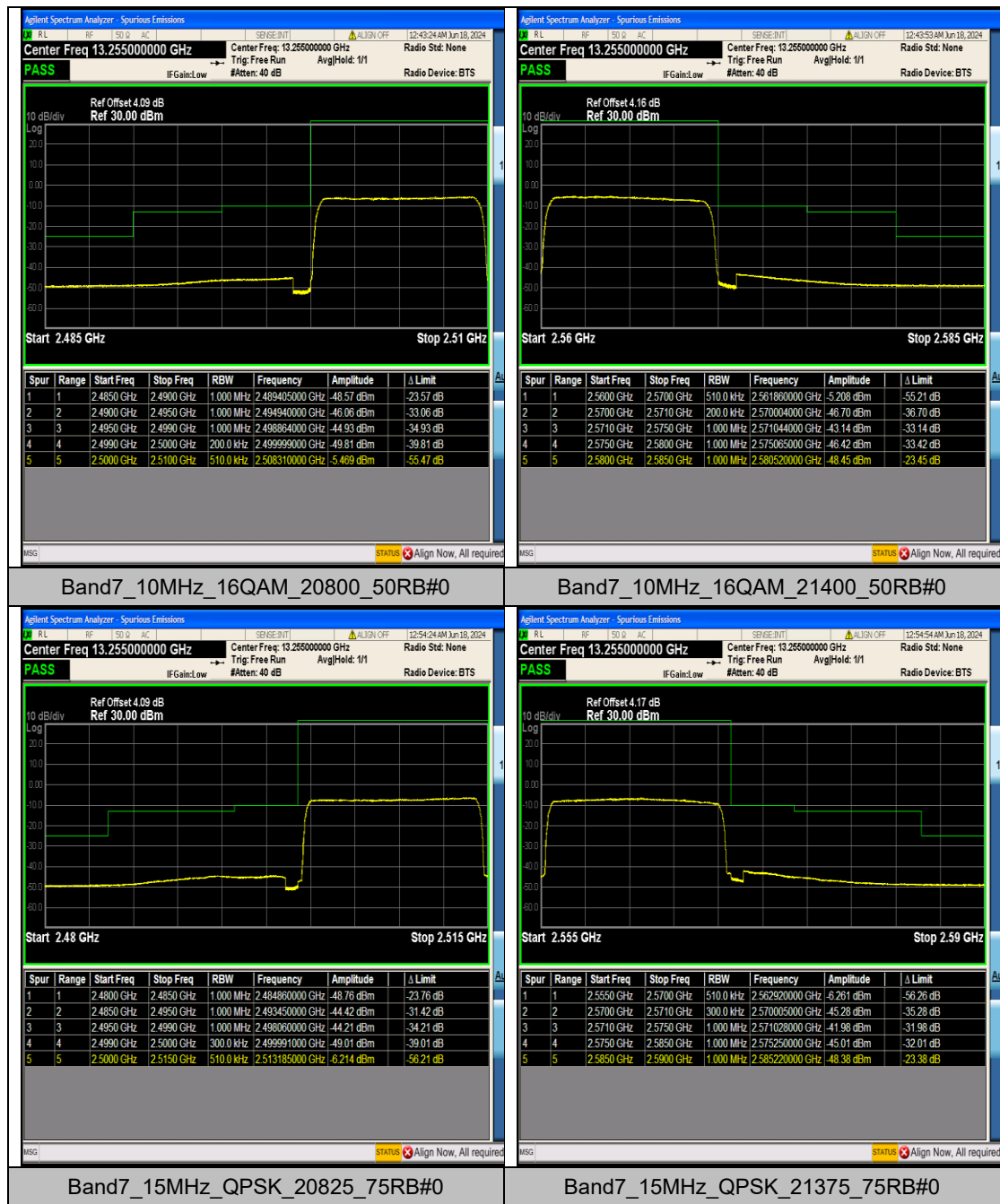
Test Result

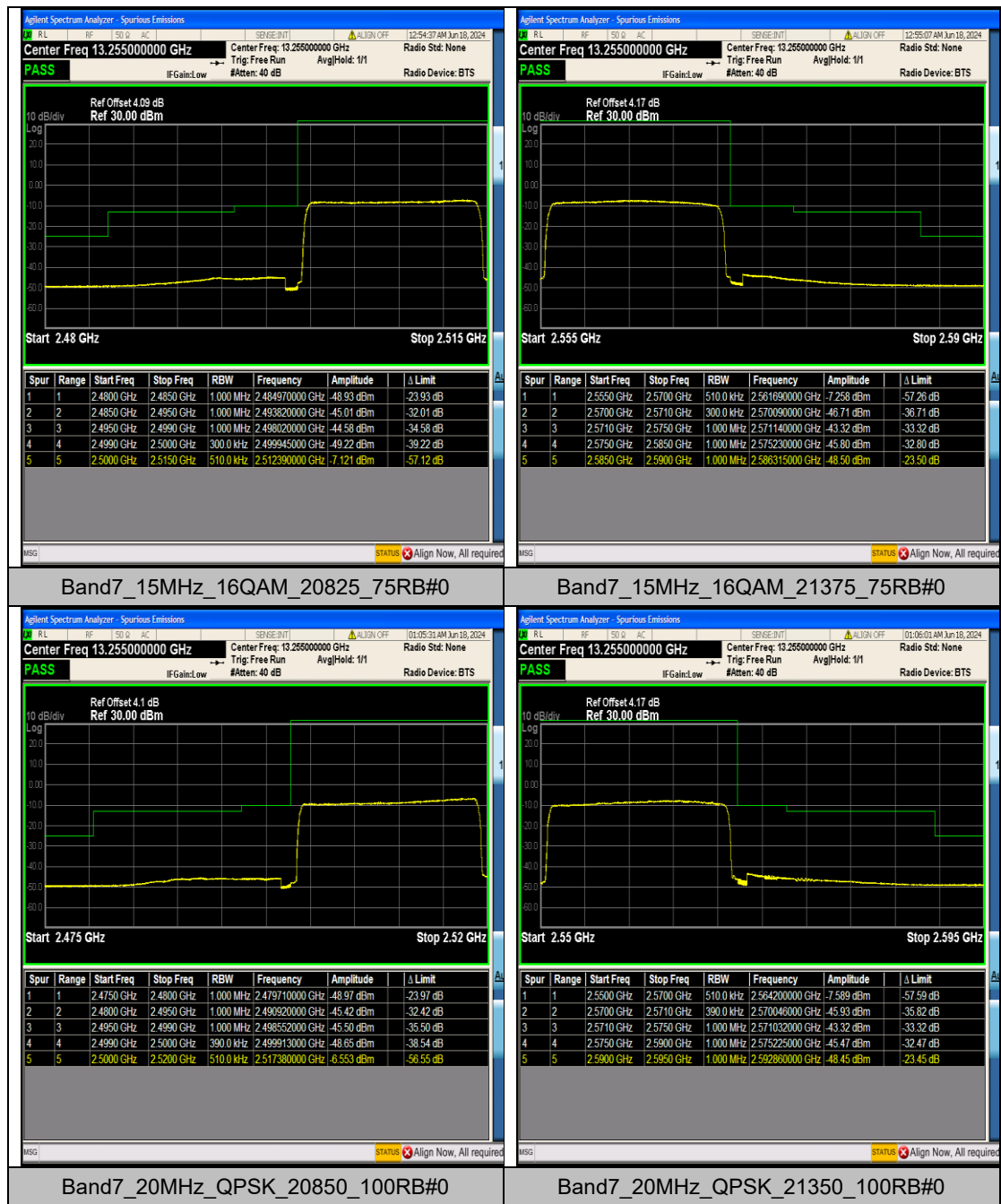
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-48.81	PASS
Band7	5MHz	QPSK	21425	25RB#0	-48.38	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.89	PASS
Band7	5MHz	16QAM	21425	25RB#0	-48.46	PASS
Band7	10MHz	QPSK	20800	50RB#0	-48.40	PASS
Band7	10MHz	QPSK	21400	50RB#0	-48.45	PASS
Band7	10MHz	16QAM	20800	50RB#0	-48.57	PASS
Band7	10MHz	16QAM	21400	50RB#0	-48.45	PASS
Band7	15MHz	QPSK	20825	75RB#0	-48.76	PASS
Band7	15MHz	QPSK	21375	75RB#0	-48.38	PASS
Band7	15MHz	16QAM	20825	75RB#0	-48.93	PASS
Band7	15MHz	16QAM	21375	75RB#0	-48.50	PASS
Band7	20MHz	QPSK	20850	100RB#0	-48.97	PASS
Band7	20MHz	QPSK	21350	100RB#0	-48.45	PASS
Band7	20MHz	16QAM	20850	100RB#0	-49.05	PASS
Band7	20MHz	16QAM	21350	100RB#0	-48.55	PASS

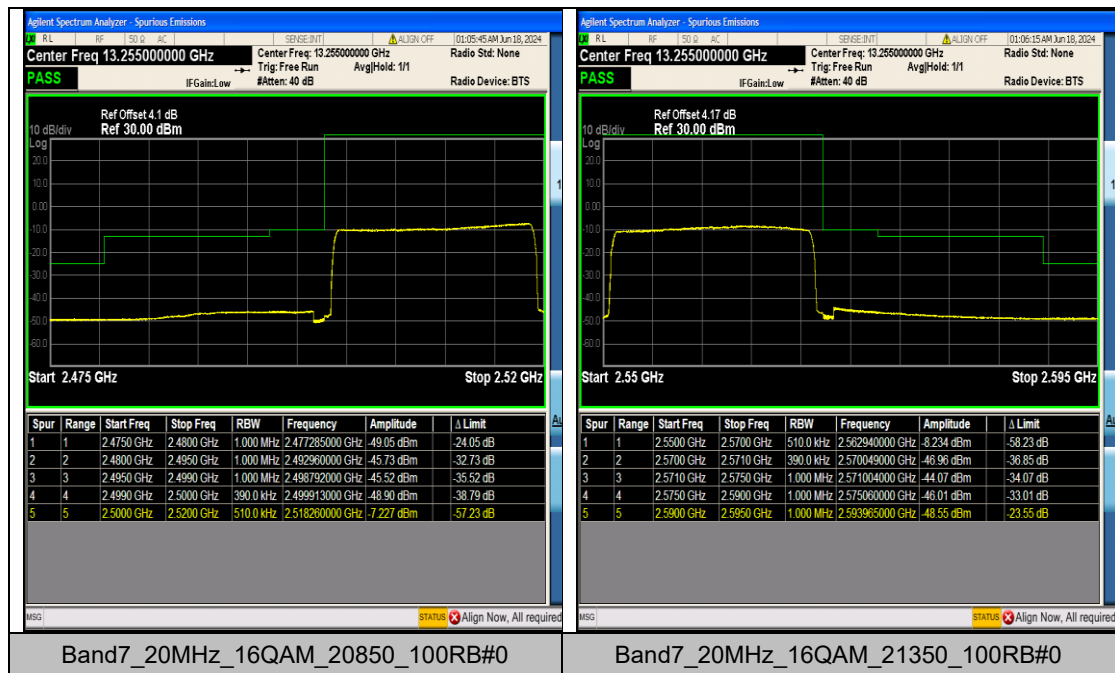
Test Graphs











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	-74.97	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-67.16	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.61	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-46.29	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.96	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-74.75	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-68.55	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.75	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-45.98	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-40.03	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-72.76	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-68.30	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.56	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-46.04	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.54	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-74.10	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-67.62	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.98	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-45.84	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-40.06	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-75.04	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-68.14	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.65	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-45.63	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.94	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-72.96	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-67.44	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.75	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-46.31	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.77	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-73.19	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-67.65	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.39	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-46.23	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.52	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-75.53	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-68.75	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-65.93	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-46.10	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.97	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-75.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-68.17	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-66.76	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.35	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.75	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-71.17	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-69.13	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.66	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-45.86	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.84	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-73.75	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-70.17	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.68	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-46.27	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.78	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-73.85	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-68.41	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.48	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-46.44	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-40.02	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-74.99	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-67.06	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.62	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-46.03	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.40	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-74.68	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-68.27	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.73	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-45.43	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.79	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-75.20	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-68.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.64	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-45.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.93	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-73.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-69.78	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.52	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-45.91	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-39.68	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-76.33	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-68.60	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.59	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-45.85	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.84	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-73.45	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-68.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.19	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-46.02	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.79	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-69.04	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-68.08	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.85	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-46.24	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-39.99	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-74.25	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-67.48	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.87	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-45.91	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-71.87	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-67.77	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.71	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-73.79	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-67.29	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.77	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-46.27	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.89	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-73.06	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-68.81	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.44	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-46.25	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.88	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-72.13	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-69.28	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.40	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.61	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.55	PASS

Test Graphs

