

FCC LTE Band Test Data

FCC ID : **2BCQ3FLY500**

Company: : **A3 MOBILE SAS**

EUT : **Mobile Phone**

Model Number : **FY-500**

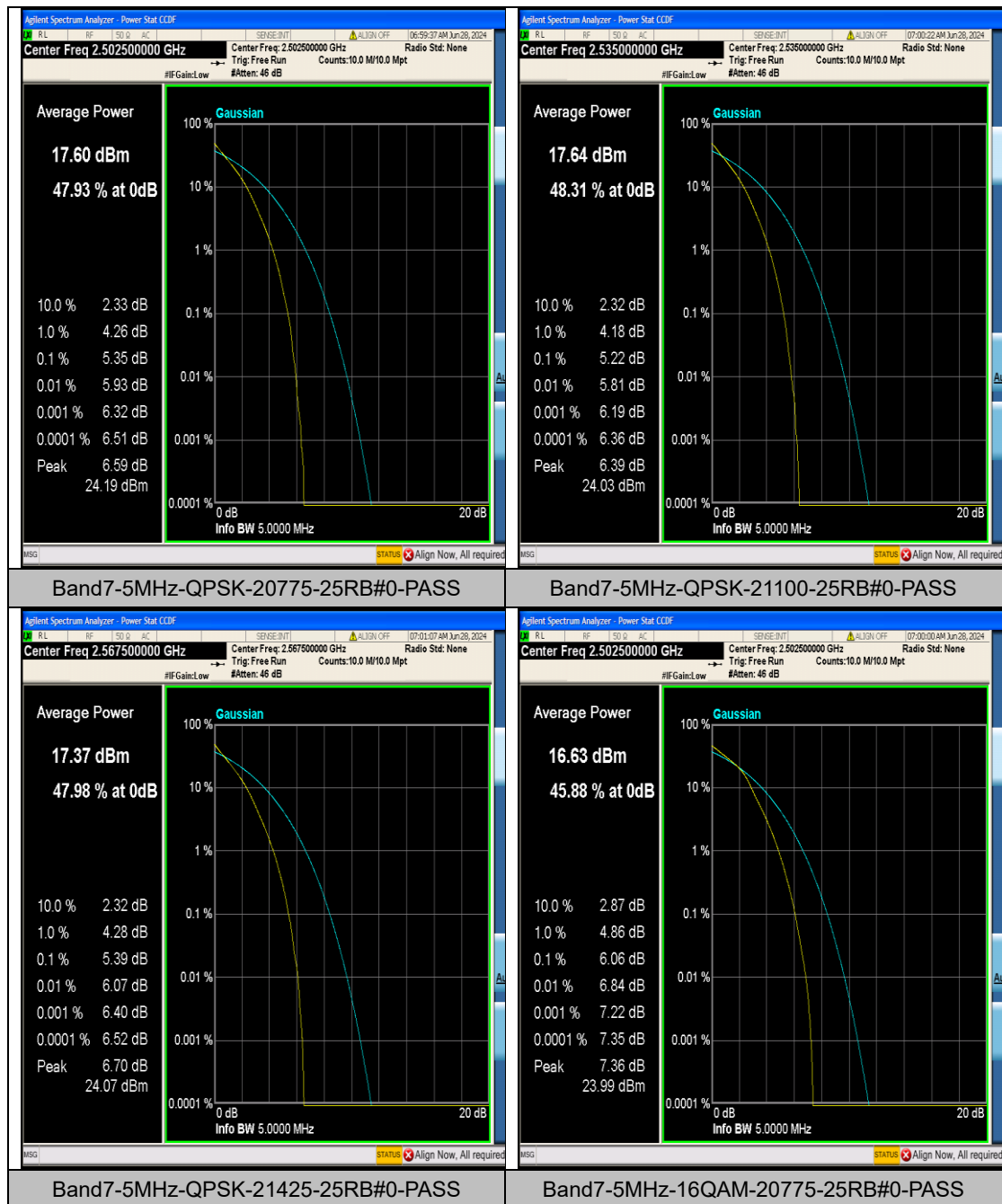
Reviewed By : **Eric Wang**

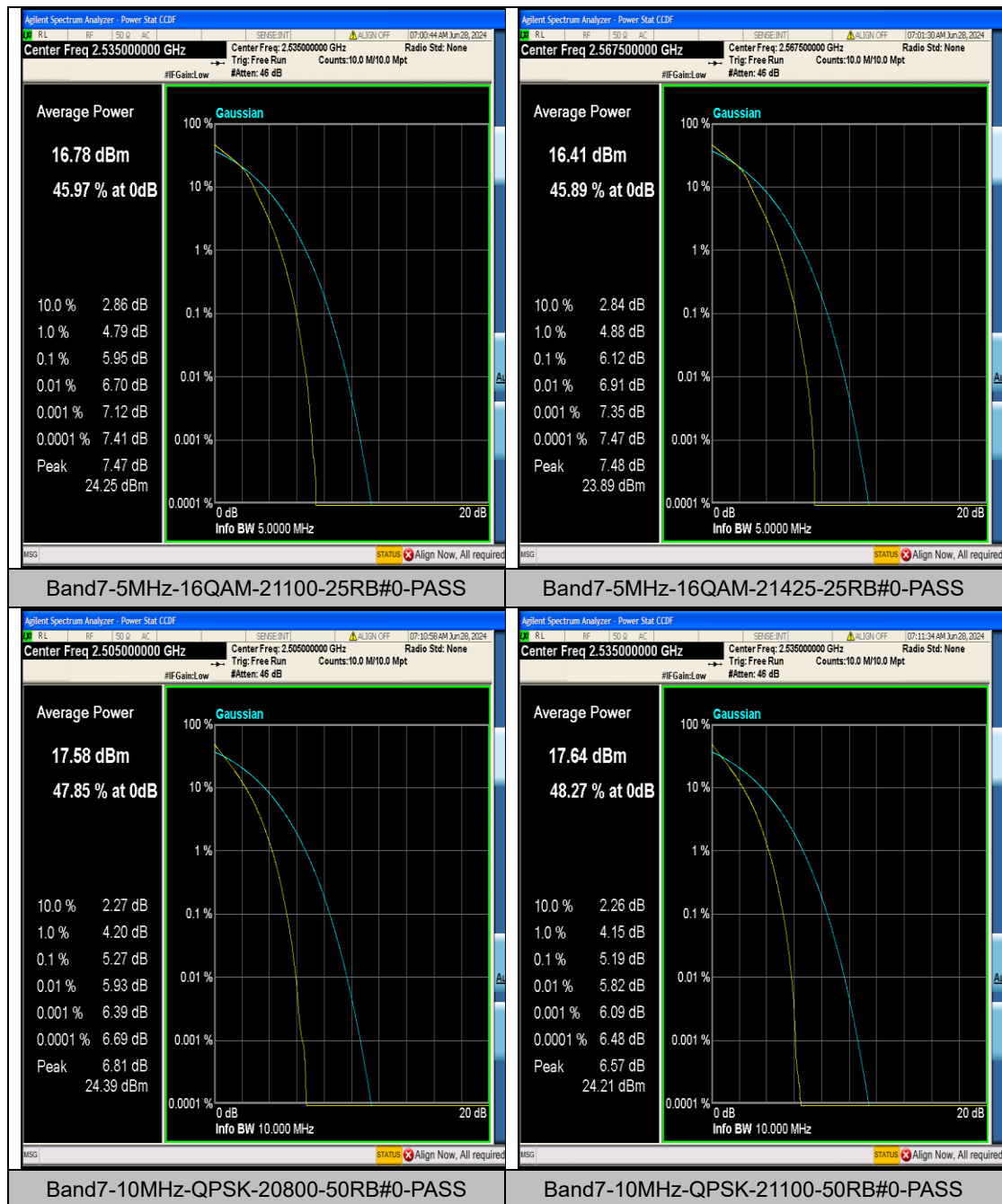
Appendix B: Peak-to-Average Ratio(CCDF)

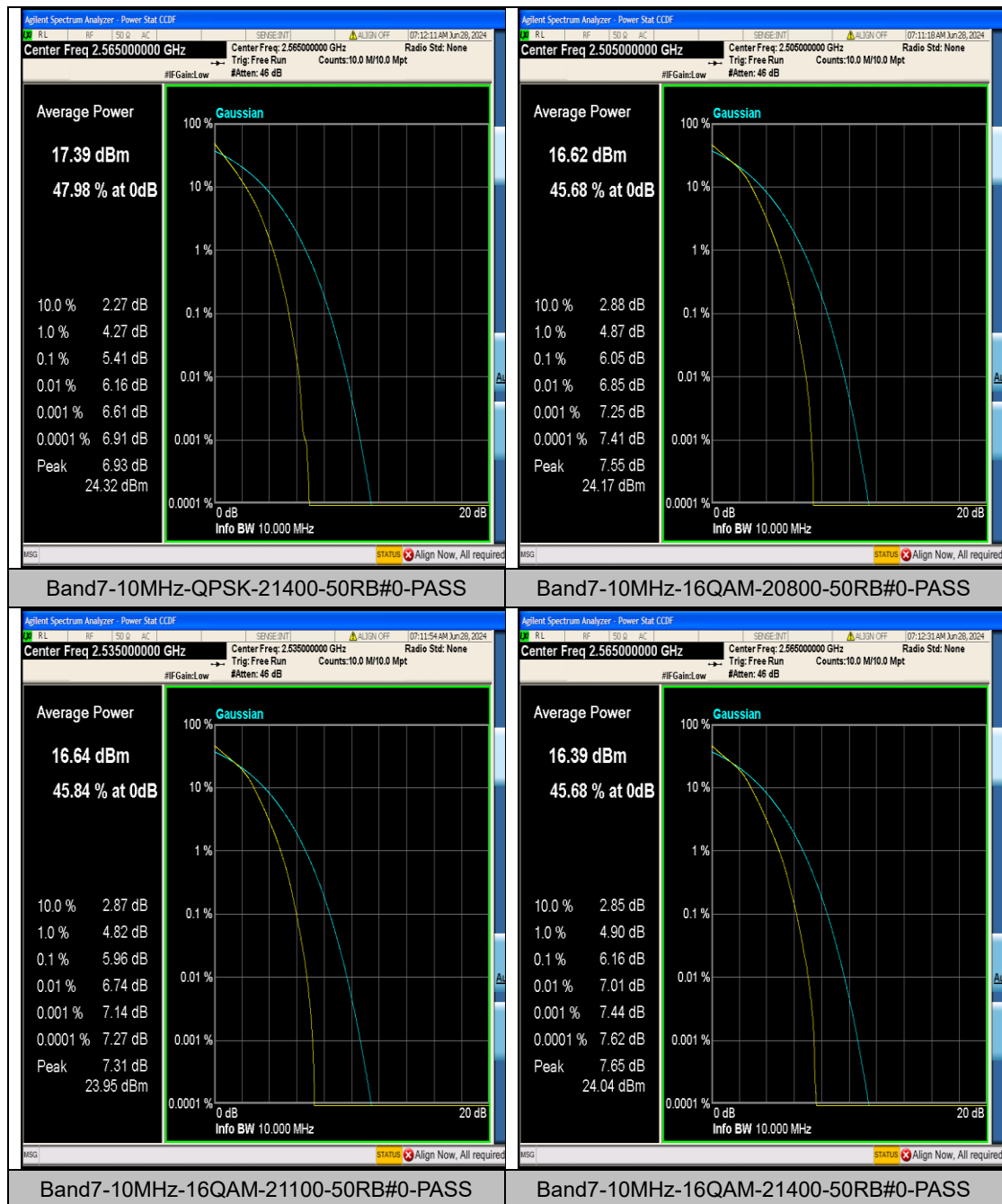
Test Result

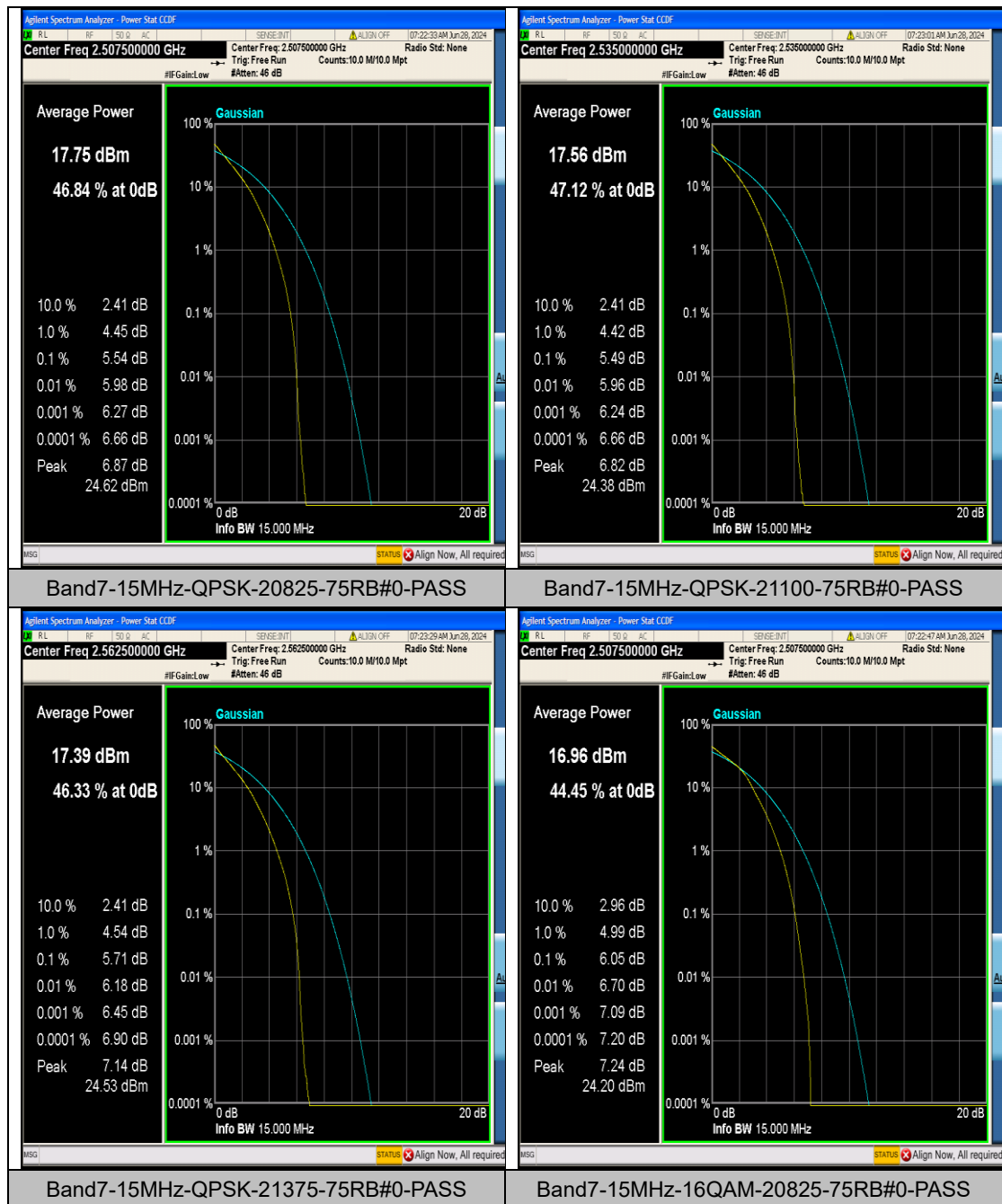
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.35	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.22	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.39	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.06	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.95	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.12	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.27	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.19	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.41	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.05	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.96	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.16	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.54	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.49	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.71	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.05	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.12	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.22	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.22	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.13	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.41	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.98	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.02	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.13	13	PASS

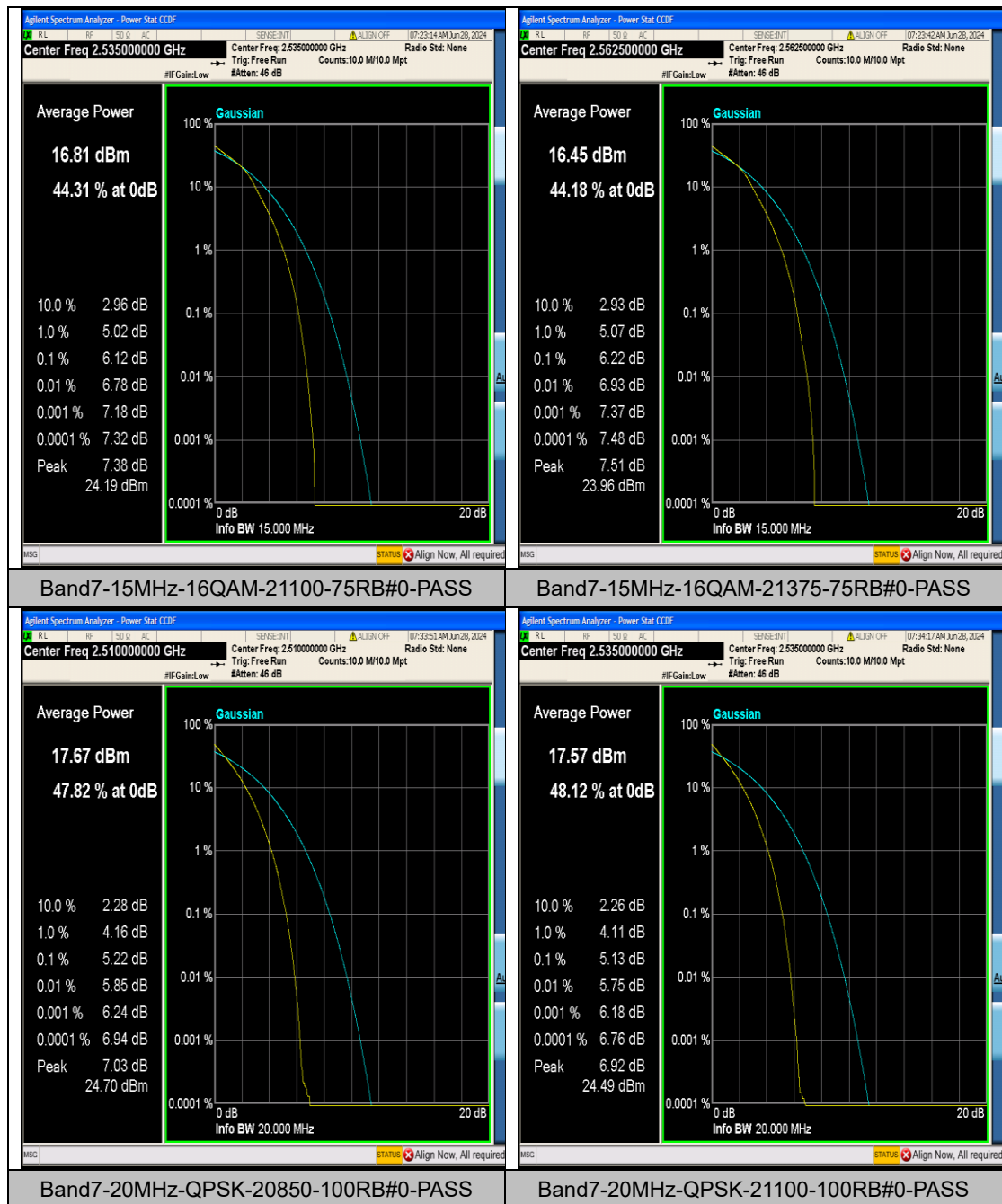
Test Graphs

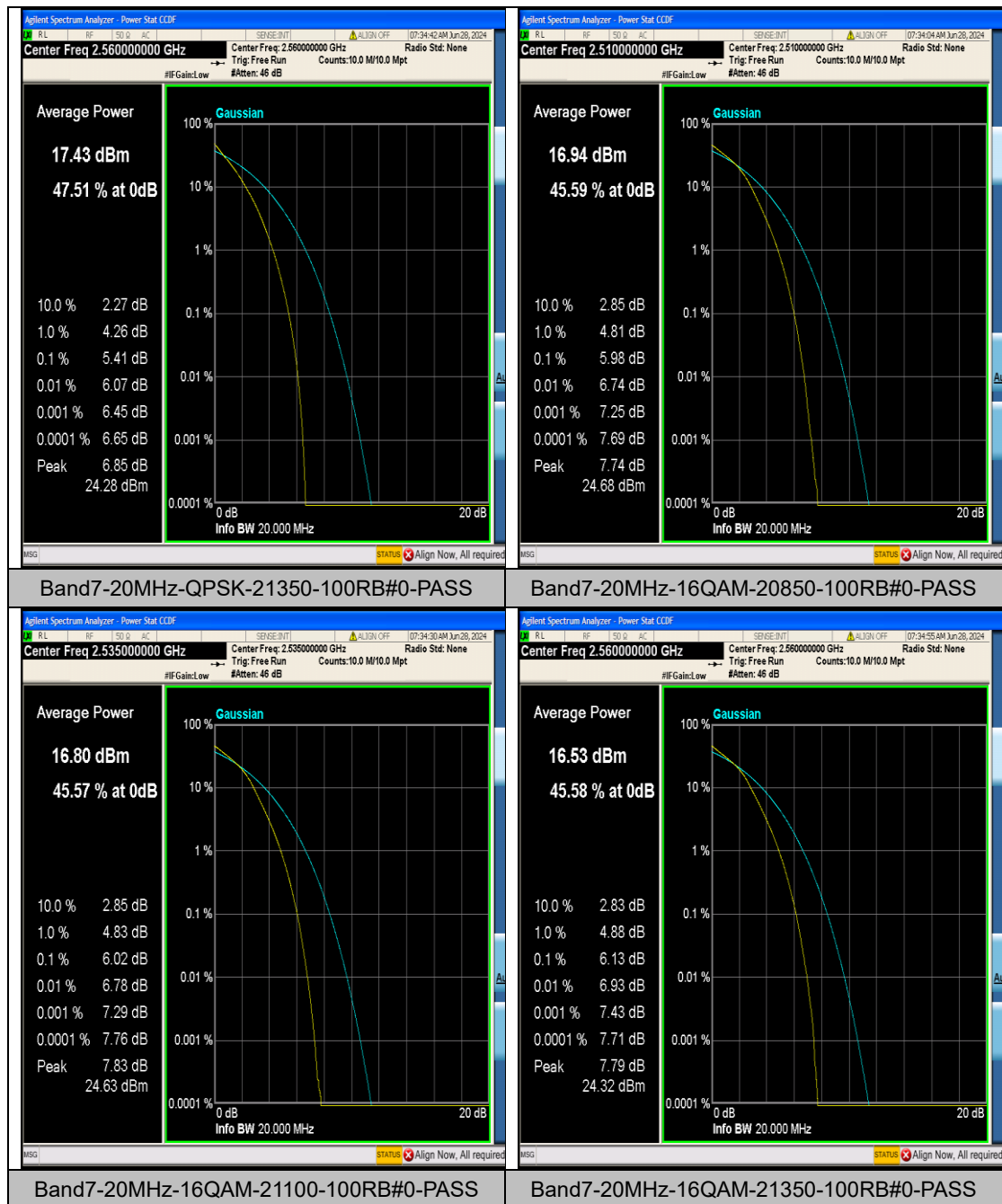










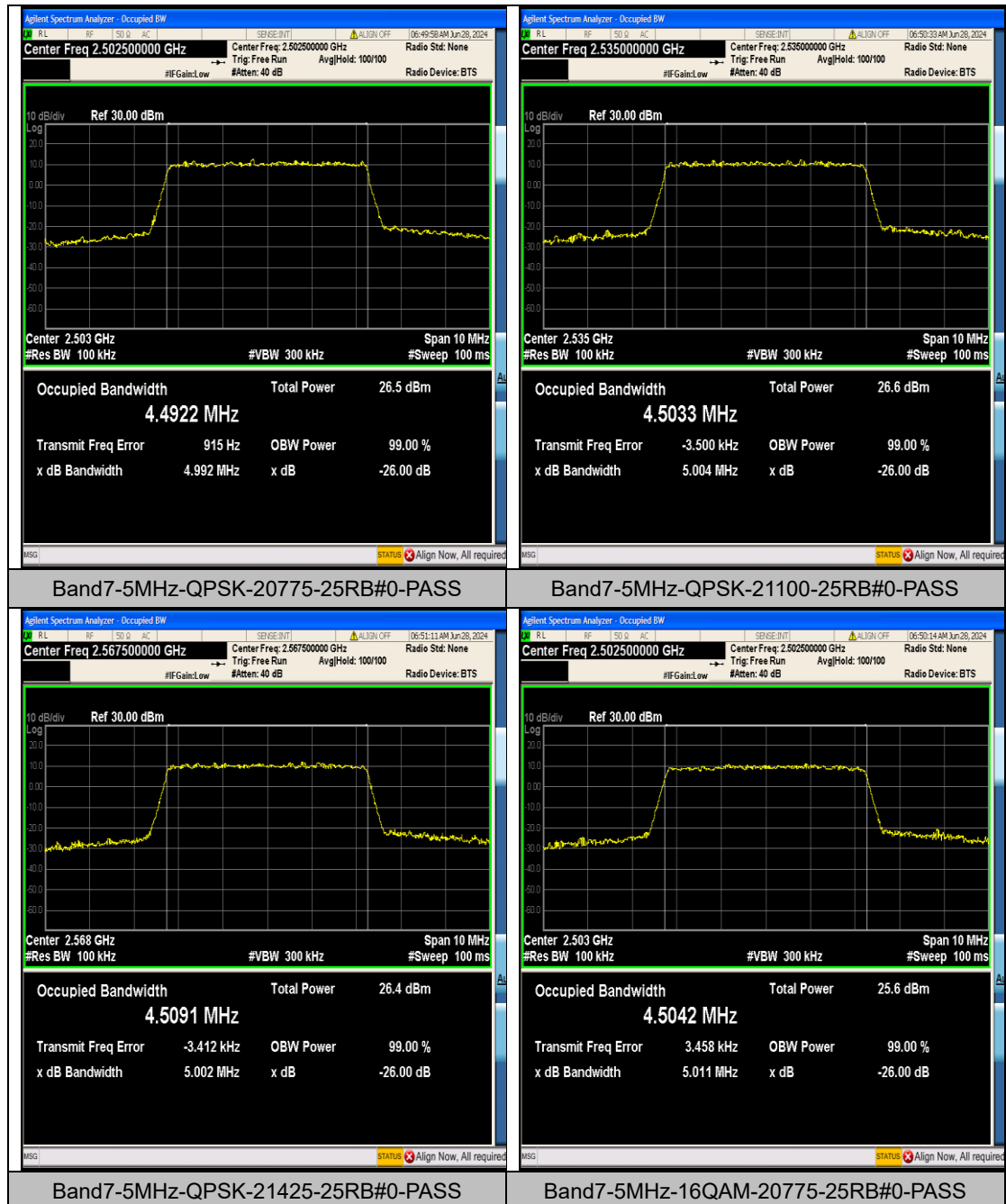


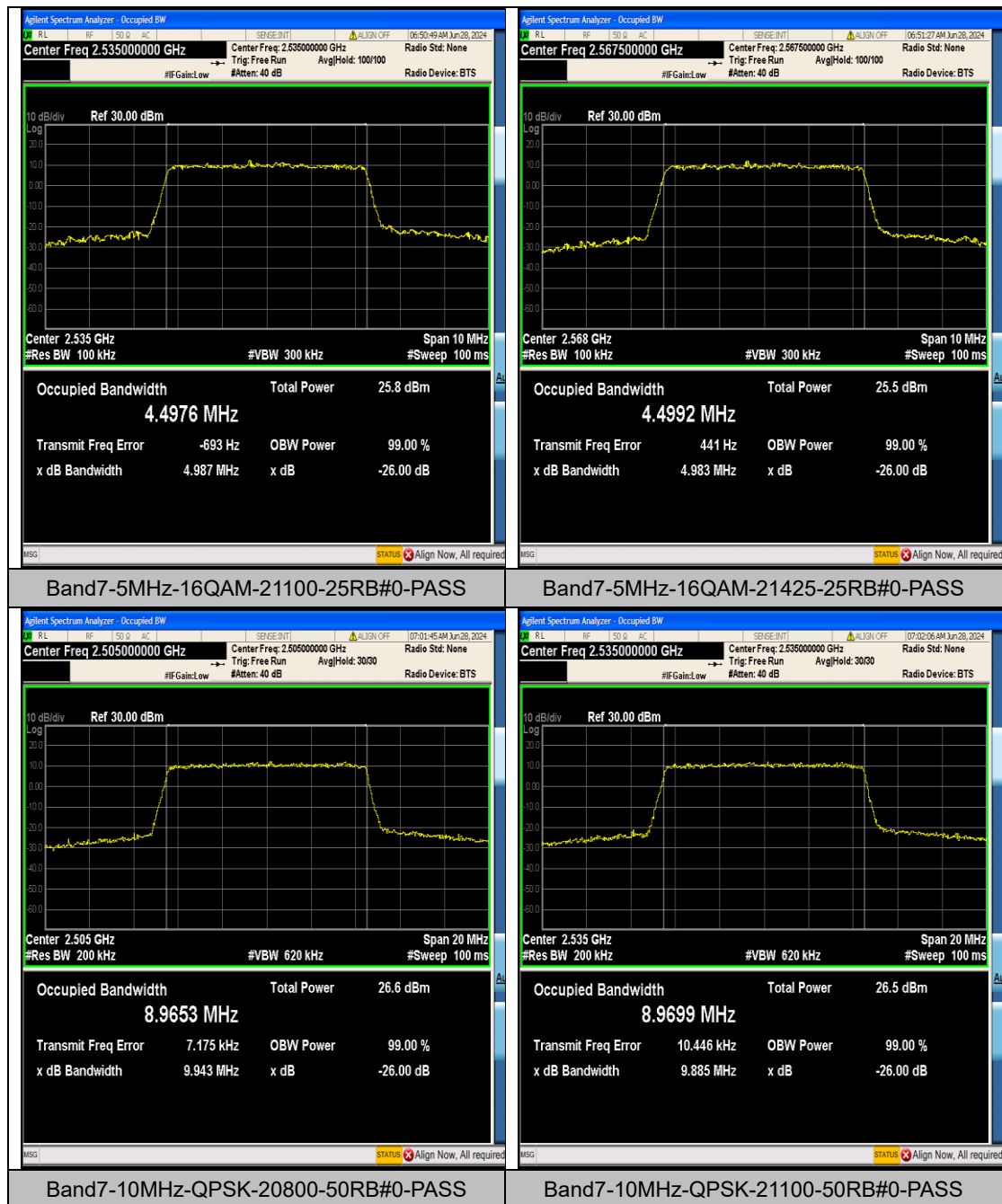
Appendix C: 26dB Bandwidth and Occupied Bandwidth

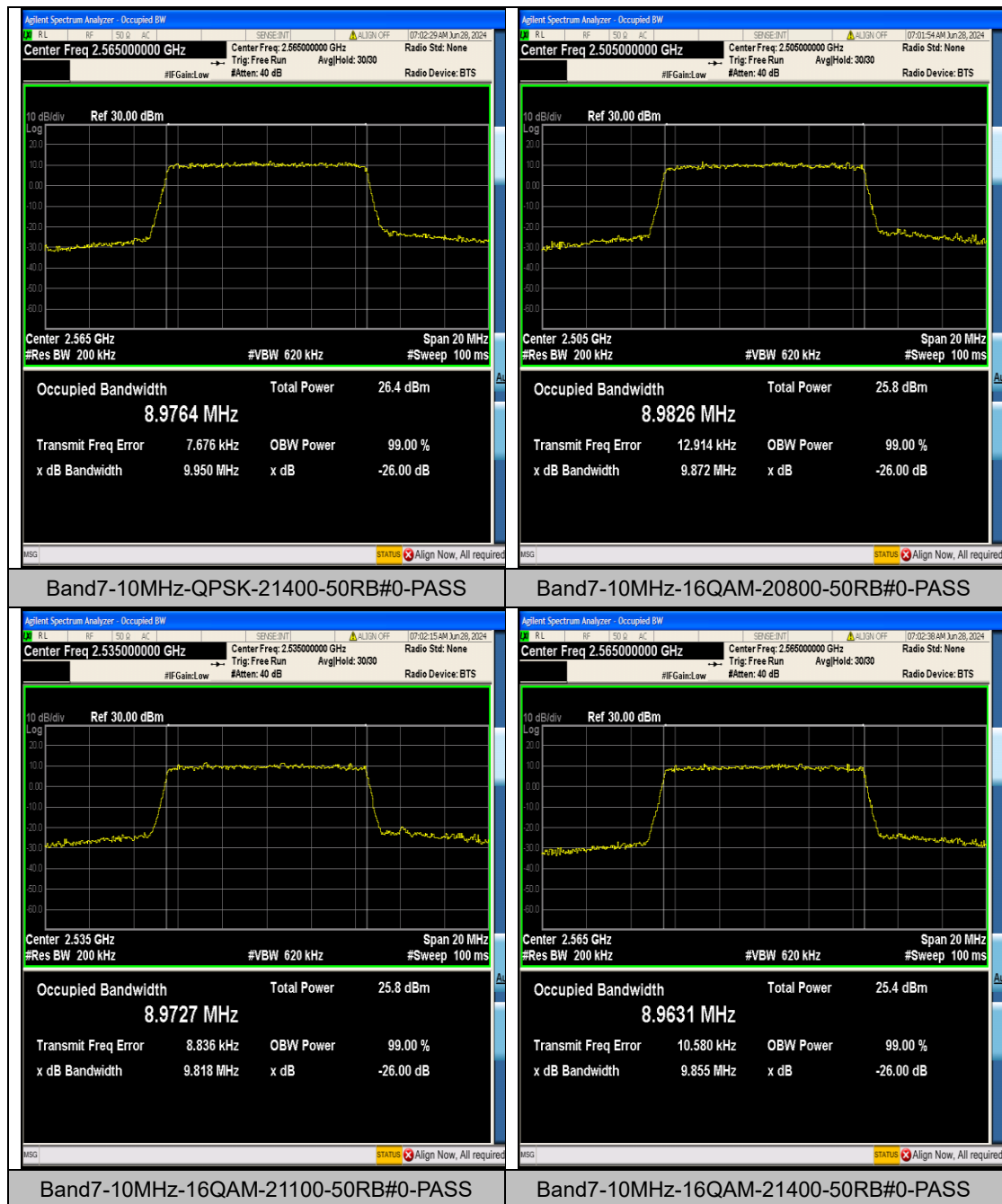
Test Result

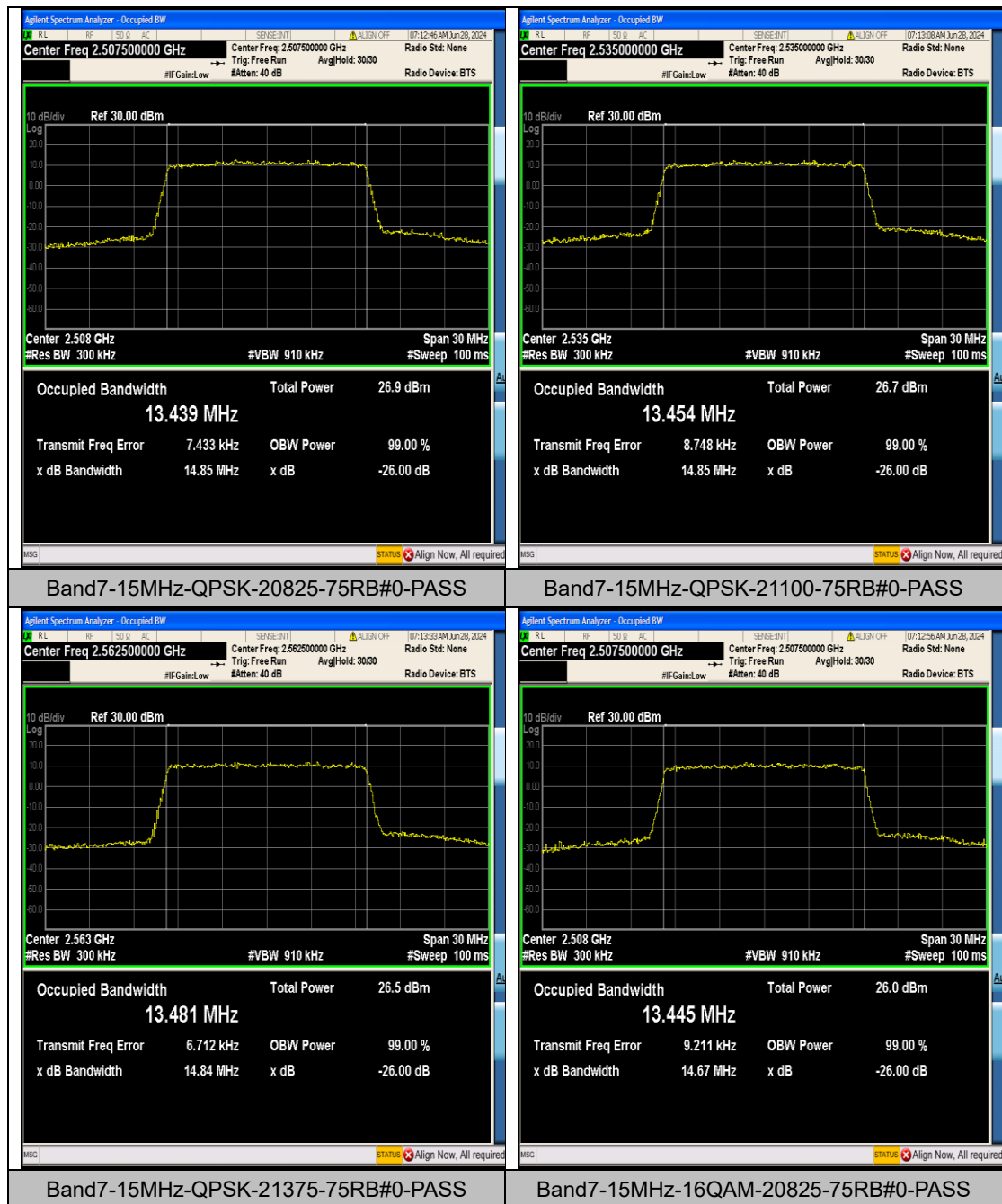
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4922	4.992	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5033	5.004	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5091	5.002	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5042	5.011	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4976	4.987	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4992	4.983	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9653	9.943	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9699	9.885	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9764	9.950	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9826	9.872	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9727	9.818	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9631	9.855	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.439	14.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.454	14.85	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.481	14.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.445	14.67	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.445	14.70	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.458	14.70	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.914	19.44	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.915	19.40	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.964	19.55	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.882	19.43	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.909	19.51	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.914	19.49	PASS

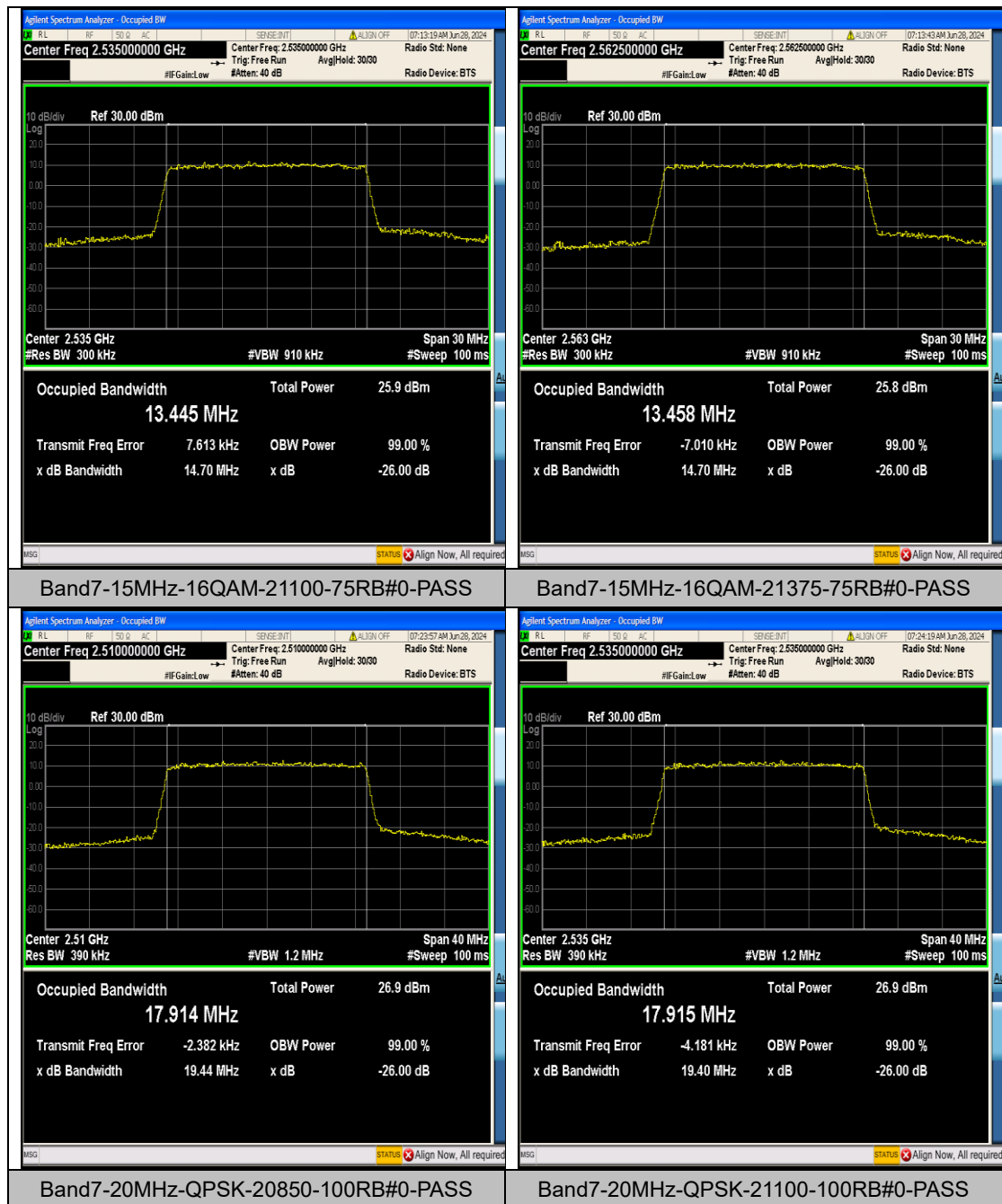
Test Graphs

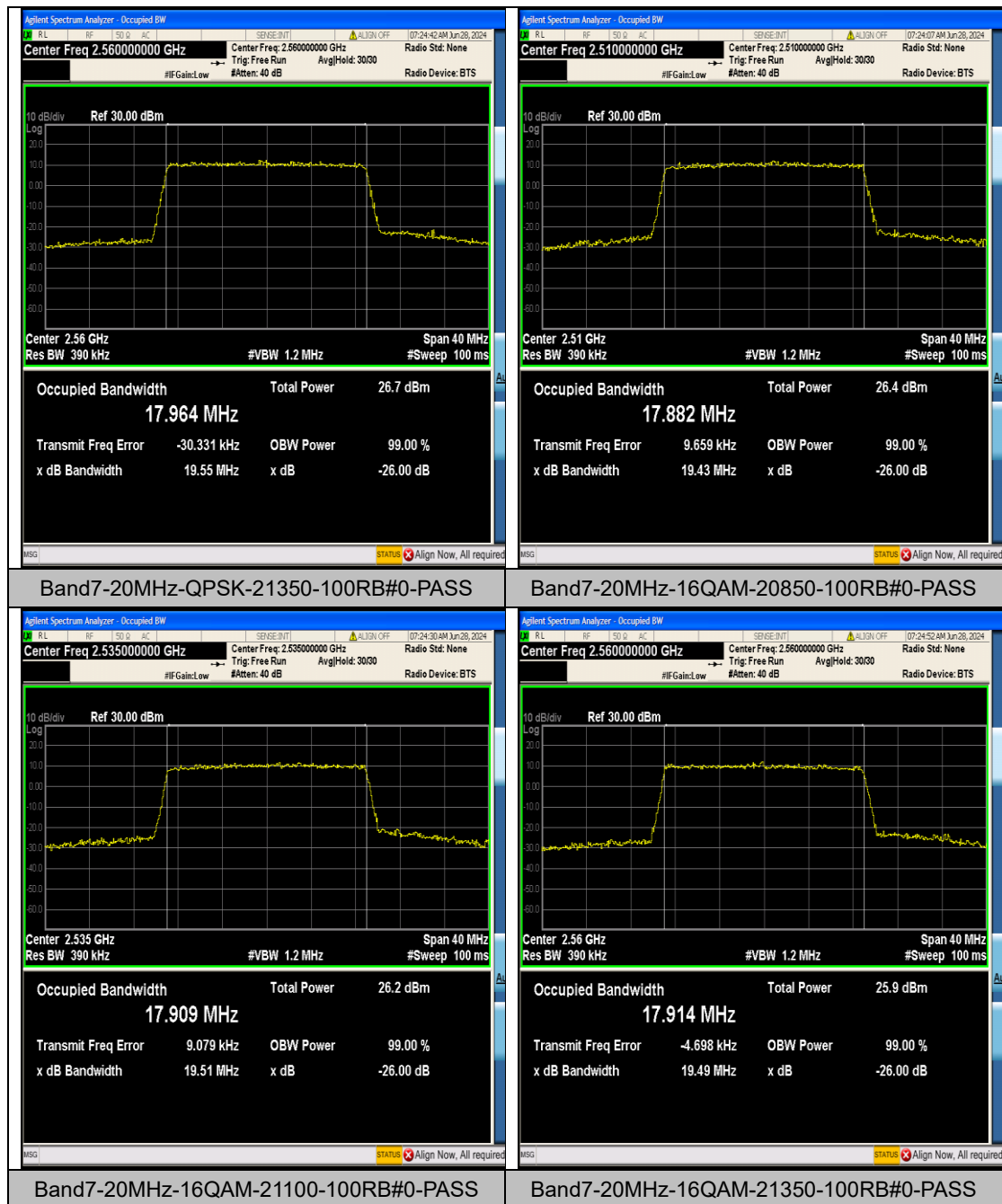










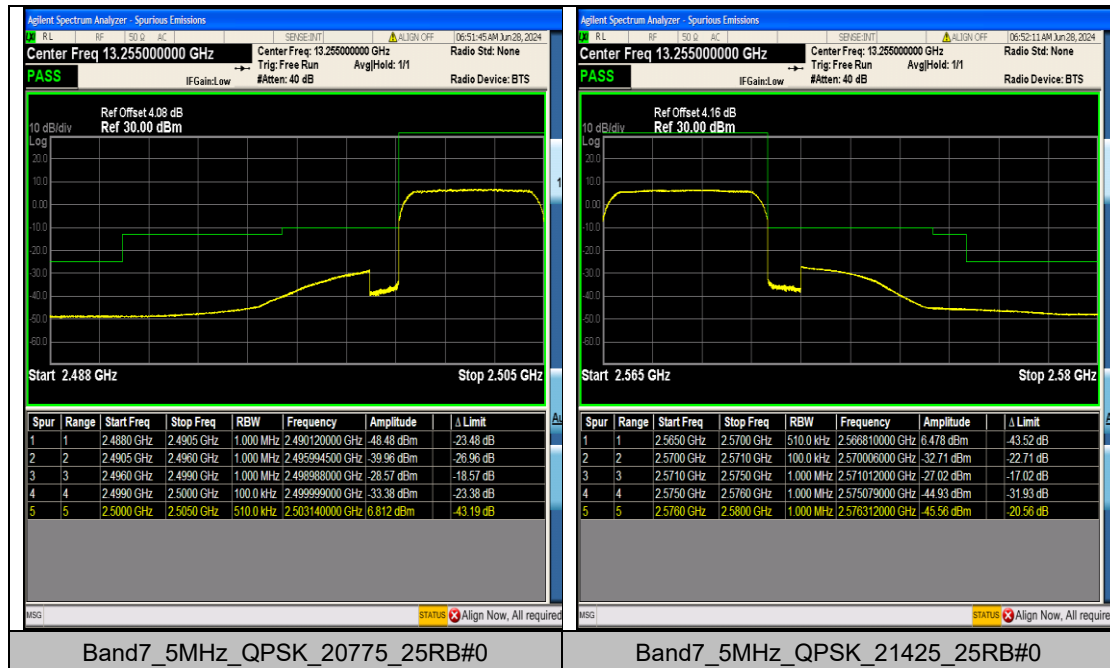


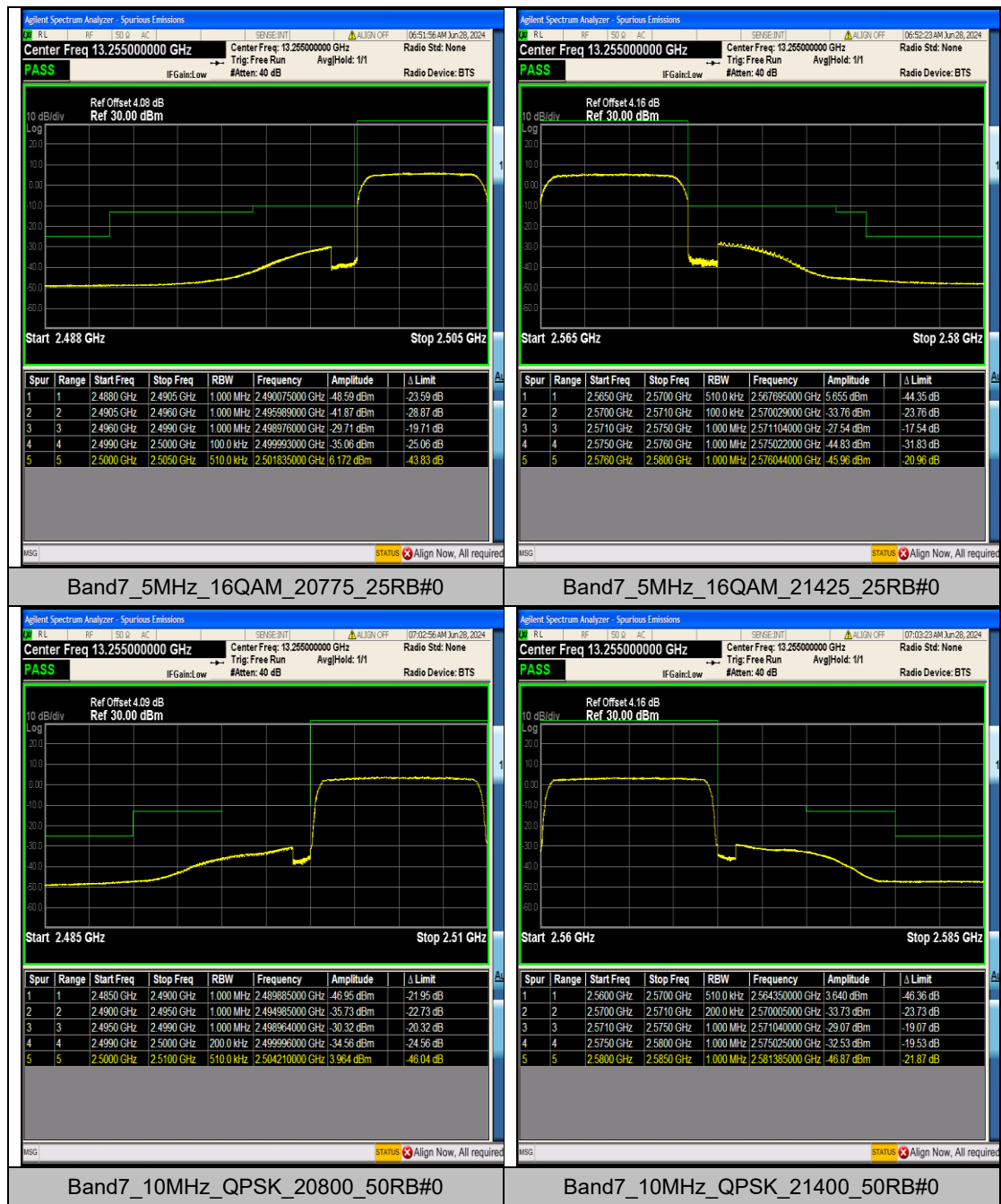
Appendix D: Band Edge

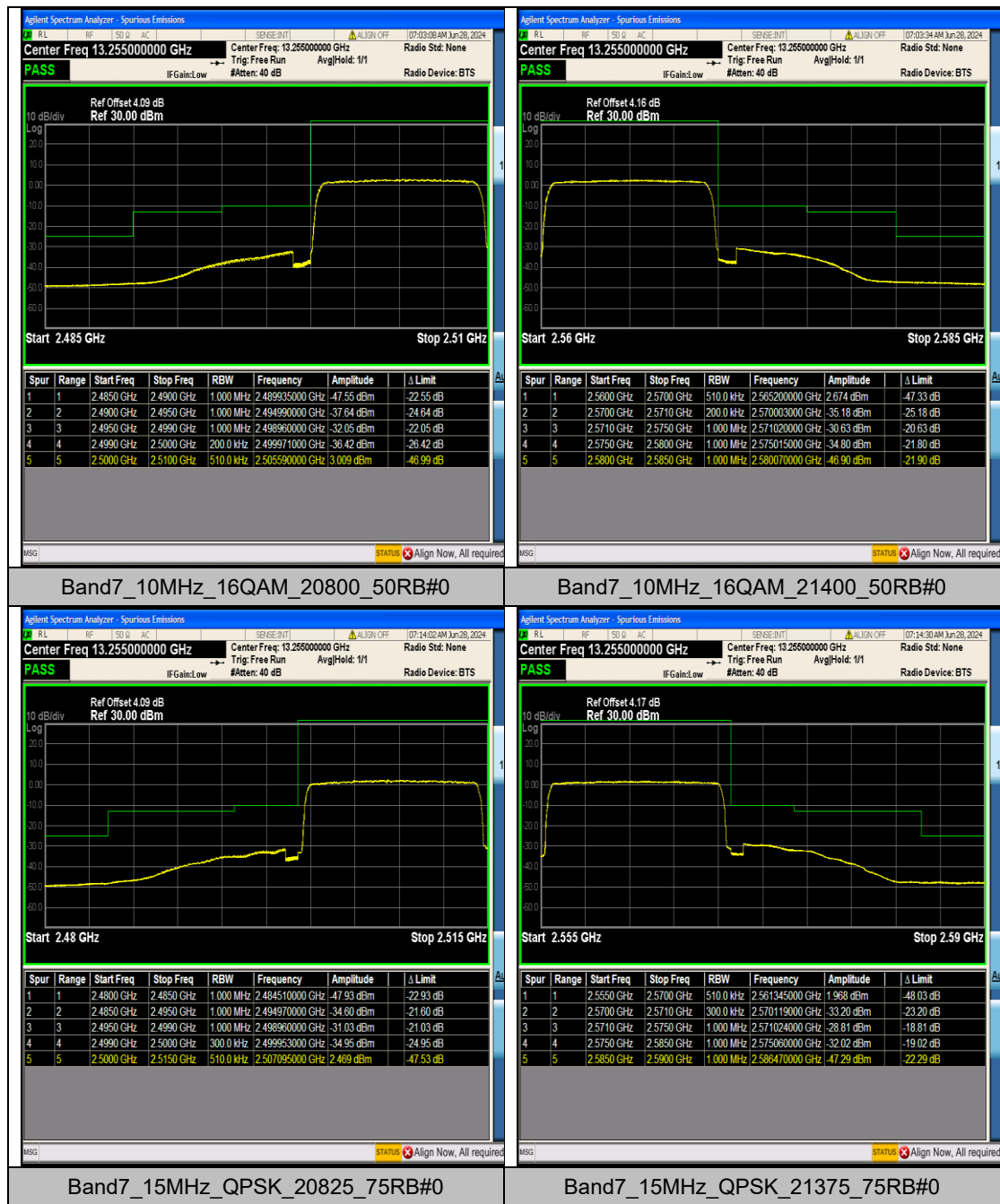
Test Result

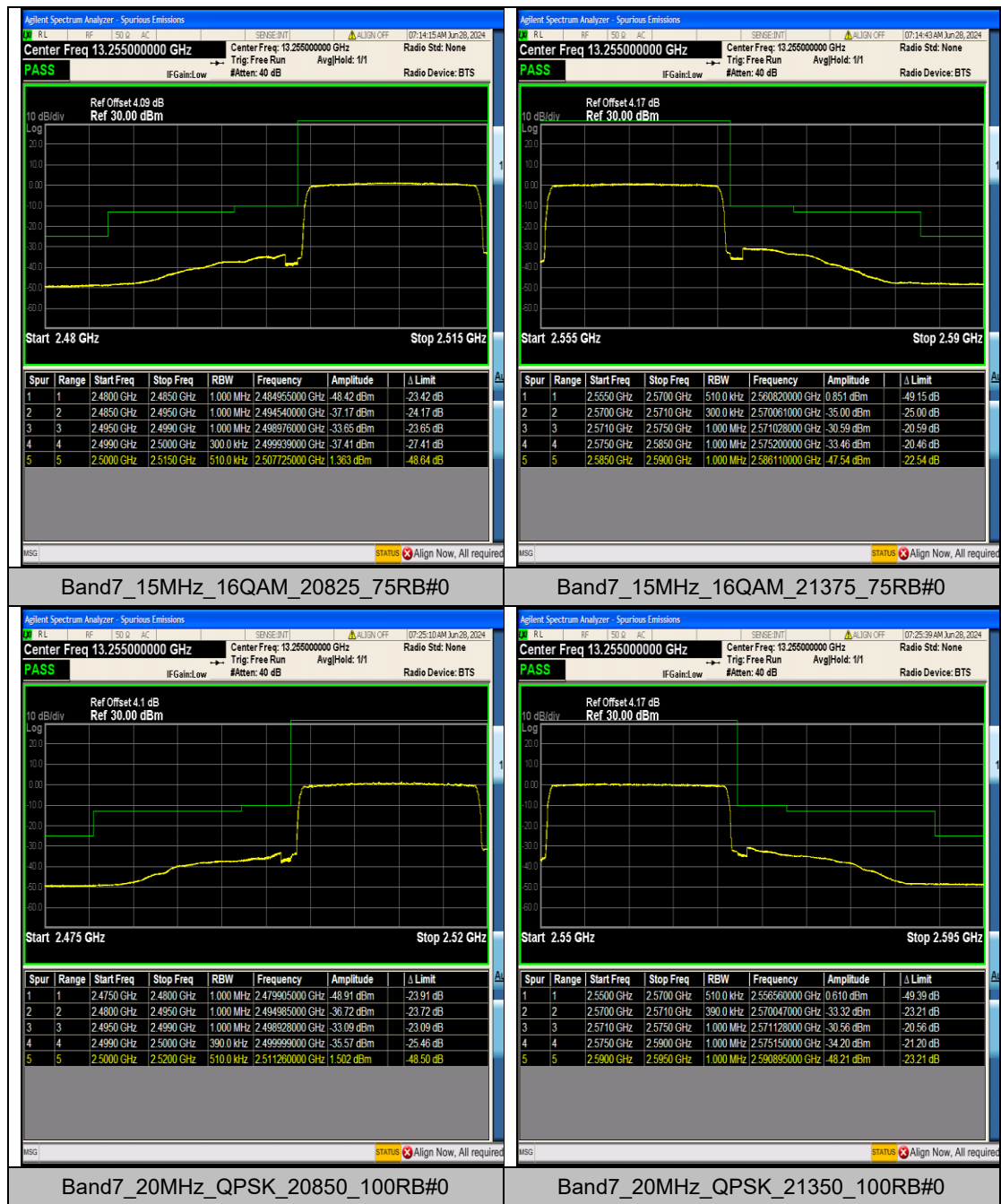
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-28.57	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	-29.71	PASS
Band7	5MHz	16QAM	21425	25RB#0	-27.54	PASS
Band7	10MHz	QPSK	20800	50RB#0	-30.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.07	PASS
Band7	10MHz	16QAM	20800	50RB#0	-32.05	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.63	PASS
Band7	15MHz	QPSK	20825	75RB#0	-31.03	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.81	PASS
Band7	15MHz	16QAM	20825	75RB#0	-48.42	PASS
Band7	15MHz	16QAM	21375	75RB#0	-33.46	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.09	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.56	PASS
Band7	20MHz	16QAM	20850	100RB#0	-48.97	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.05	PASS

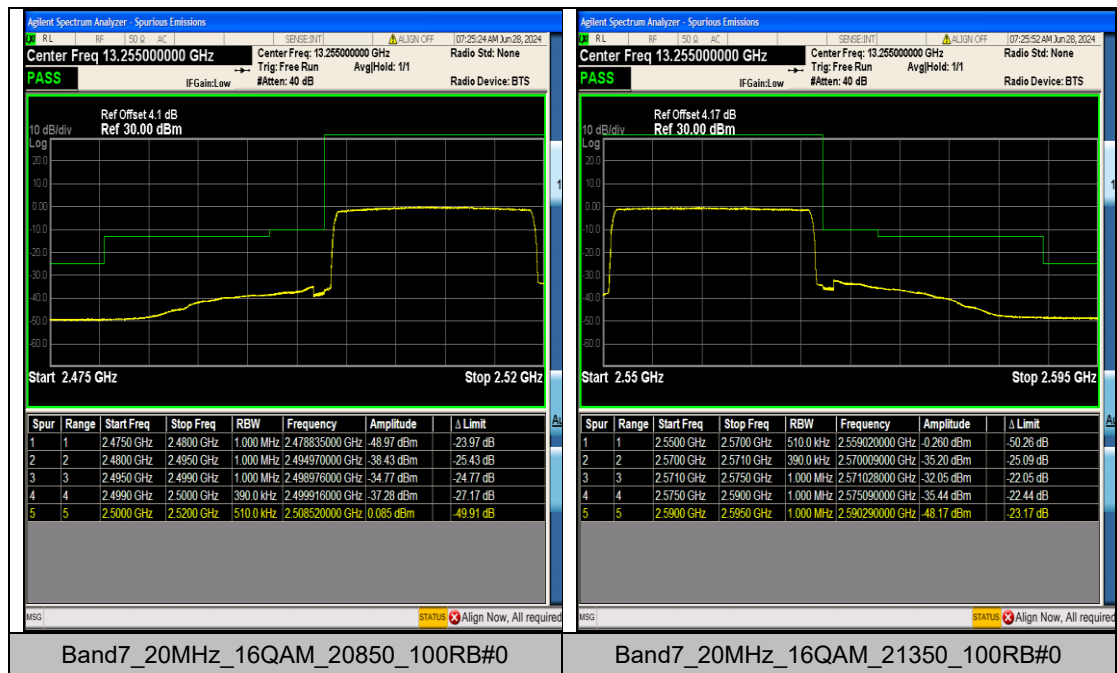
Test Graphs











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	-72.33	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-68.07	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.38	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-46.22	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.68	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-75.05	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-69.08	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.70	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-46.04	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-39.63	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-75.69	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-69.25	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.48	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-46.18	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.89	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-72.35	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-69.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.75	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-45.78	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-39.58	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-74.82	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-69.60	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.53	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-46.29	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.60	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-77.55	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-66.54	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-62.59	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-46.19	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.39	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-72.83	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-69.18	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-62.20	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-46.02	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.50	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-74.52	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-67.27	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.62	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-46.17	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.64	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-72.84	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-67.65	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-64.27	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.10	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.74	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-74.65	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-68.21	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.21	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-45.69	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.47	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-75.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-67.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.50	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-46.07	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.61	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-72.74	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-70.82	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-63.84	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-45.96	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-39.43	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-75.25	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-67.10	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.65	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-45.93	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.51	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-76.36	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-69.93	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.83	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-46.19	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.80	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-73.43	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-68.26	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.67	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-46.26	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-75.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-68.49	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.69	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-46.10	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-39.77	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-72.90	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-68.66	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.76	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-46.15	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.67	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-72.60	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-68.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-62.88	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-46.05	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.77	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-74.66	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-66.62	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.32	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-46.06	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-39.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-72.07	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-68.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.81	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-46.02	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.77	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-73.57	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-68.53	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.65	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.23	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-73.31	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-68.93	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-45.75	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.54	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-75.36	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-67.97	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.63	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-45.79	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.59	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-75.20	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-68.84	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.18	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.40	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.29	PASS

Test Graphs

