

FCC LTE Band Test Data

FCC ID : 2ATVQ-N40B

Company: : SHENZHEN BLOVEDREAM TECHNOLOGY CO.,LTD

EUT : Handheld terminal

Model Number : N40B

Reviewed By : Eric Wang

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

Test Result

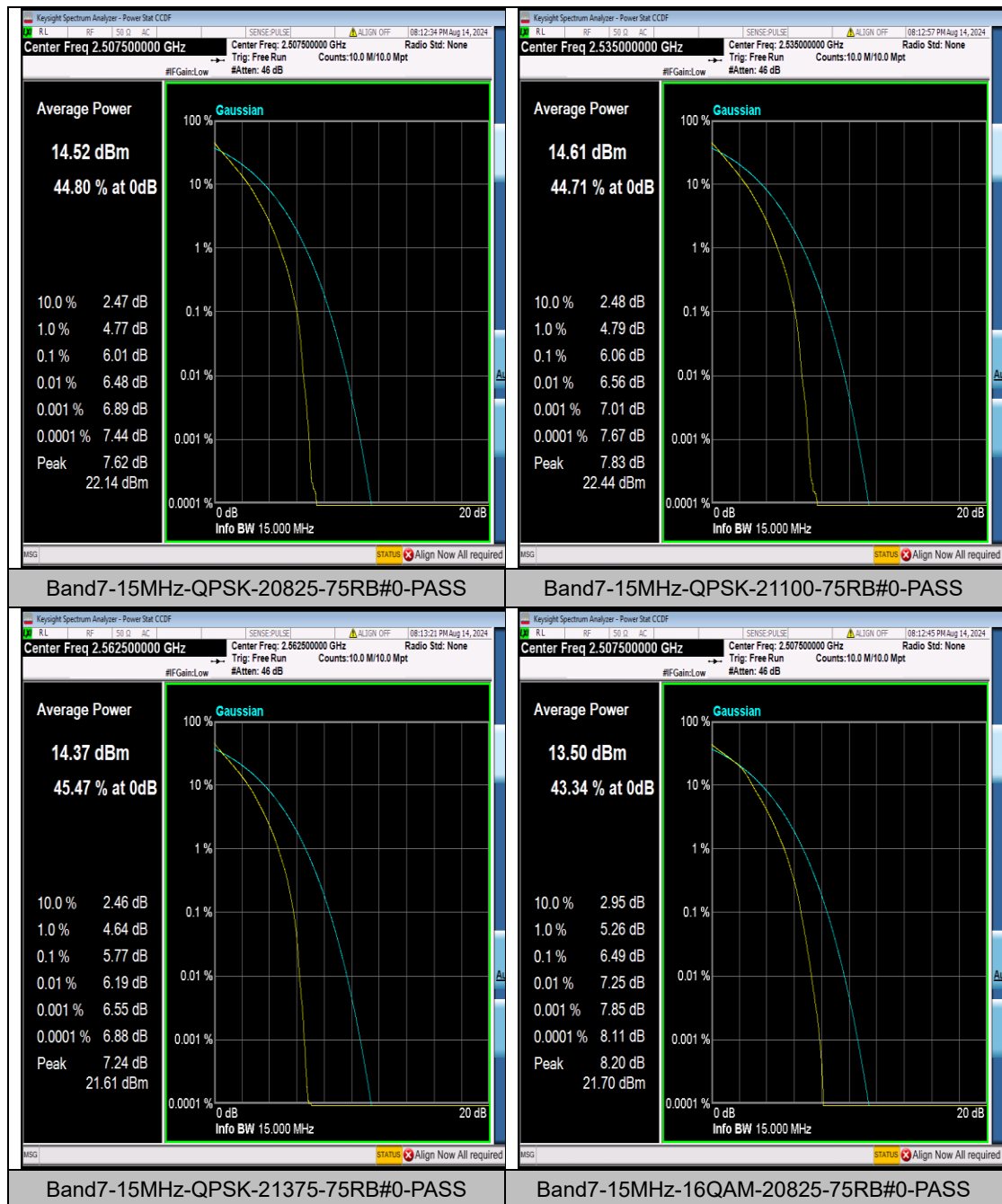
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.64	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.75	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.47	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.29	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.39	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.14	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.66	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.73	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.44	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.36	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.44	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.16	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	6.01	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.06	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.77	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.49	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.52	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.31	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.70	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.70	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.61	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.43	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.46	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.31	13	PASS

Test Graphs











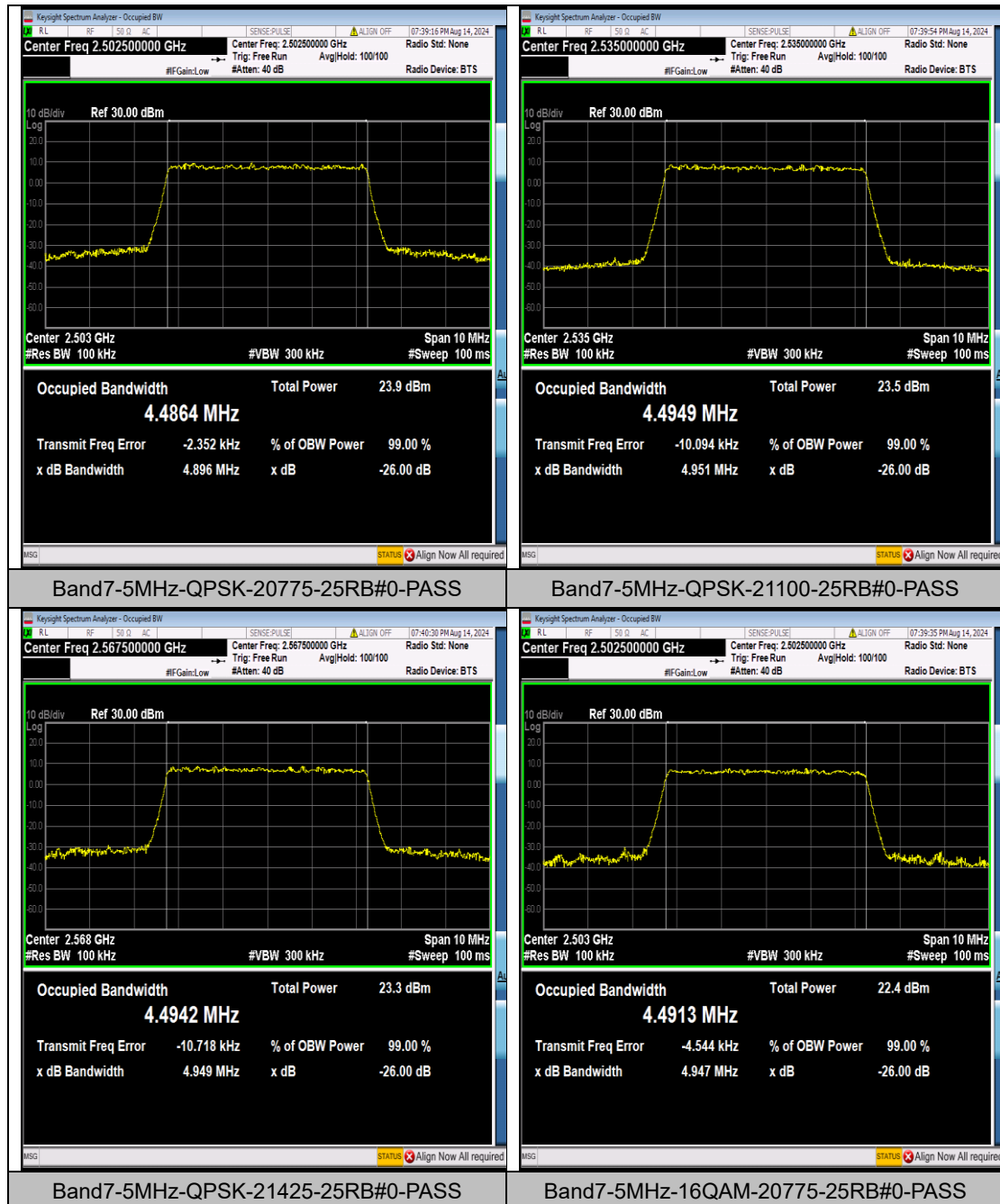


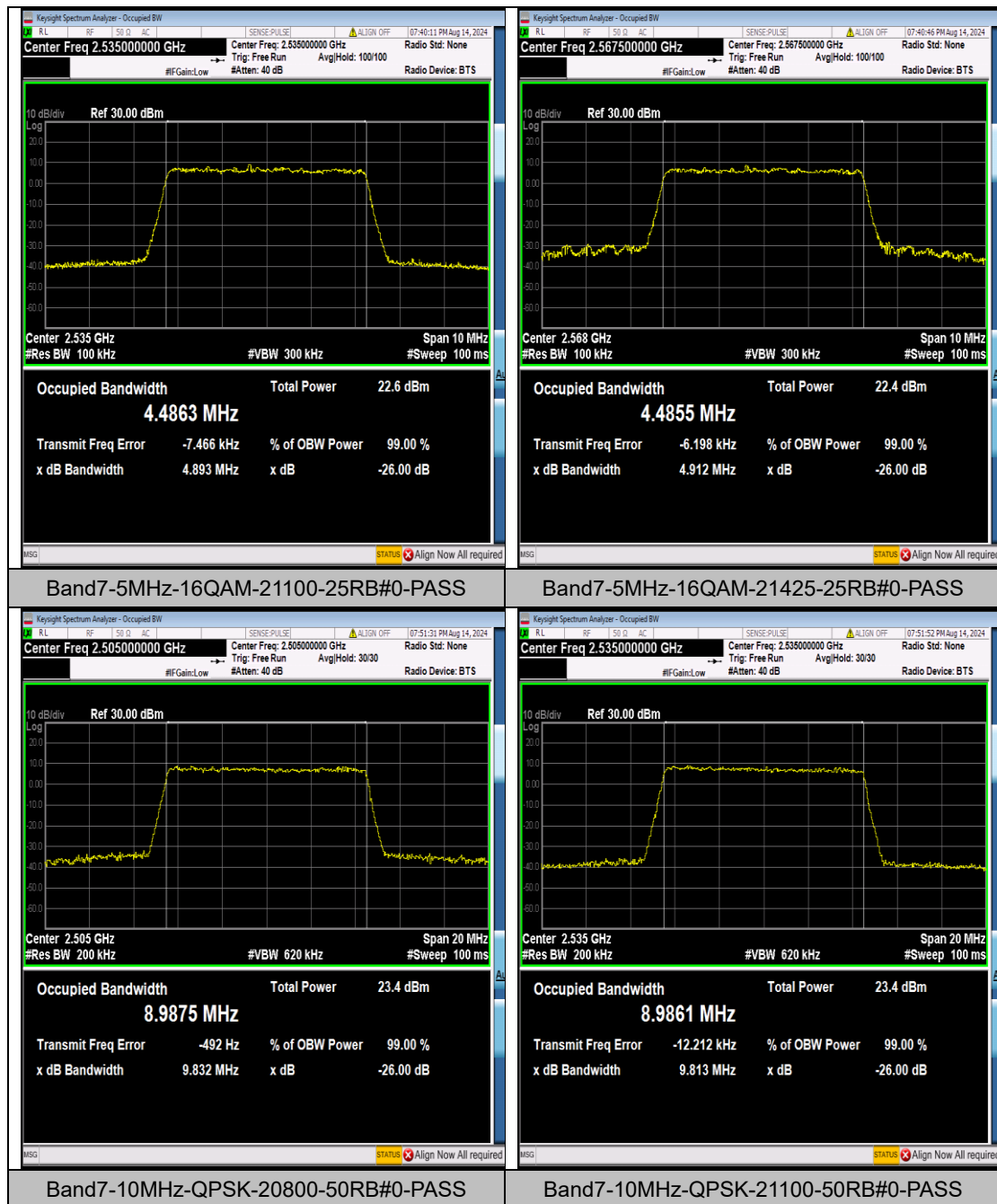
Appendix C: 26dB Bandwidth and Occupied Bandwidth

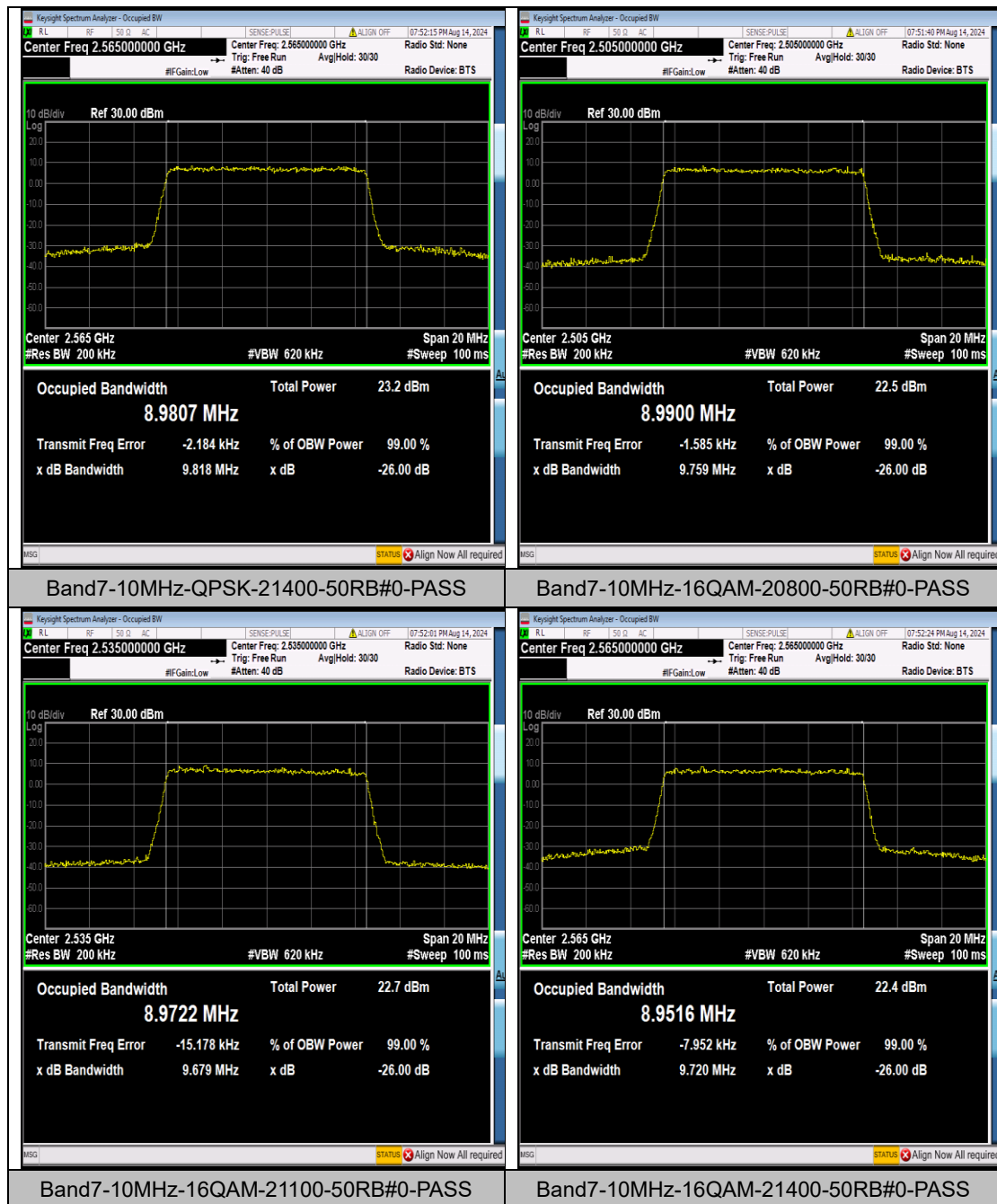
Test Result

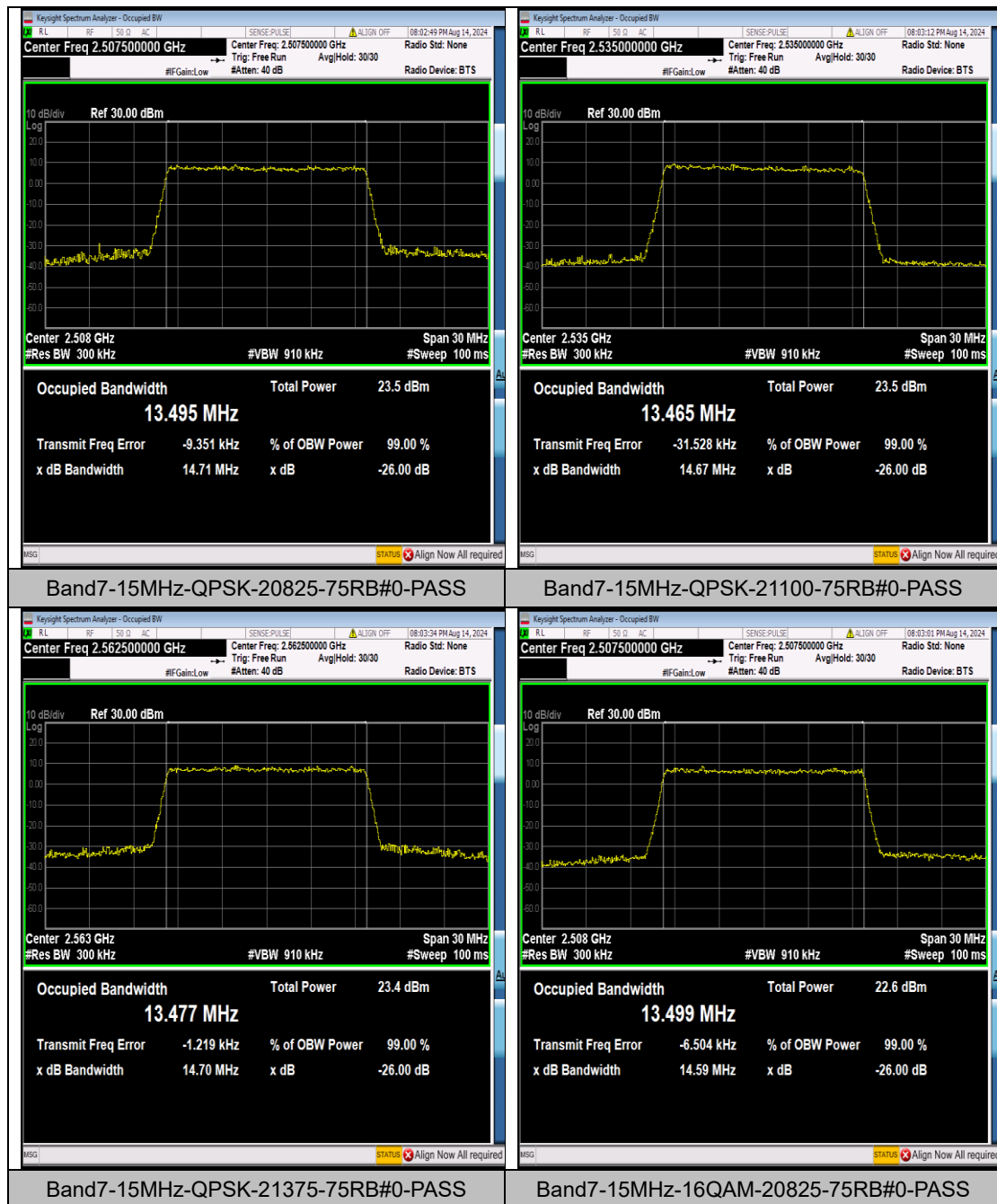
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4864	4.896	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4949	4.951	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4942	4.949	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4913	4.947	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4863	4.893	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4855	4.912	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9875	9.832	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9861	9.813	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9807	9.818	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9900	9.759	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9722	9.679	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9516	9.720	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.495	14.71	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.465	14.67	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.477	14.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.499	14.59	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.58	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.454	14.61	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.994	19.43	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.955	19.27	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.946	19.57	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.986	19.40	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.958	19.29	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.956	19.32	PASS

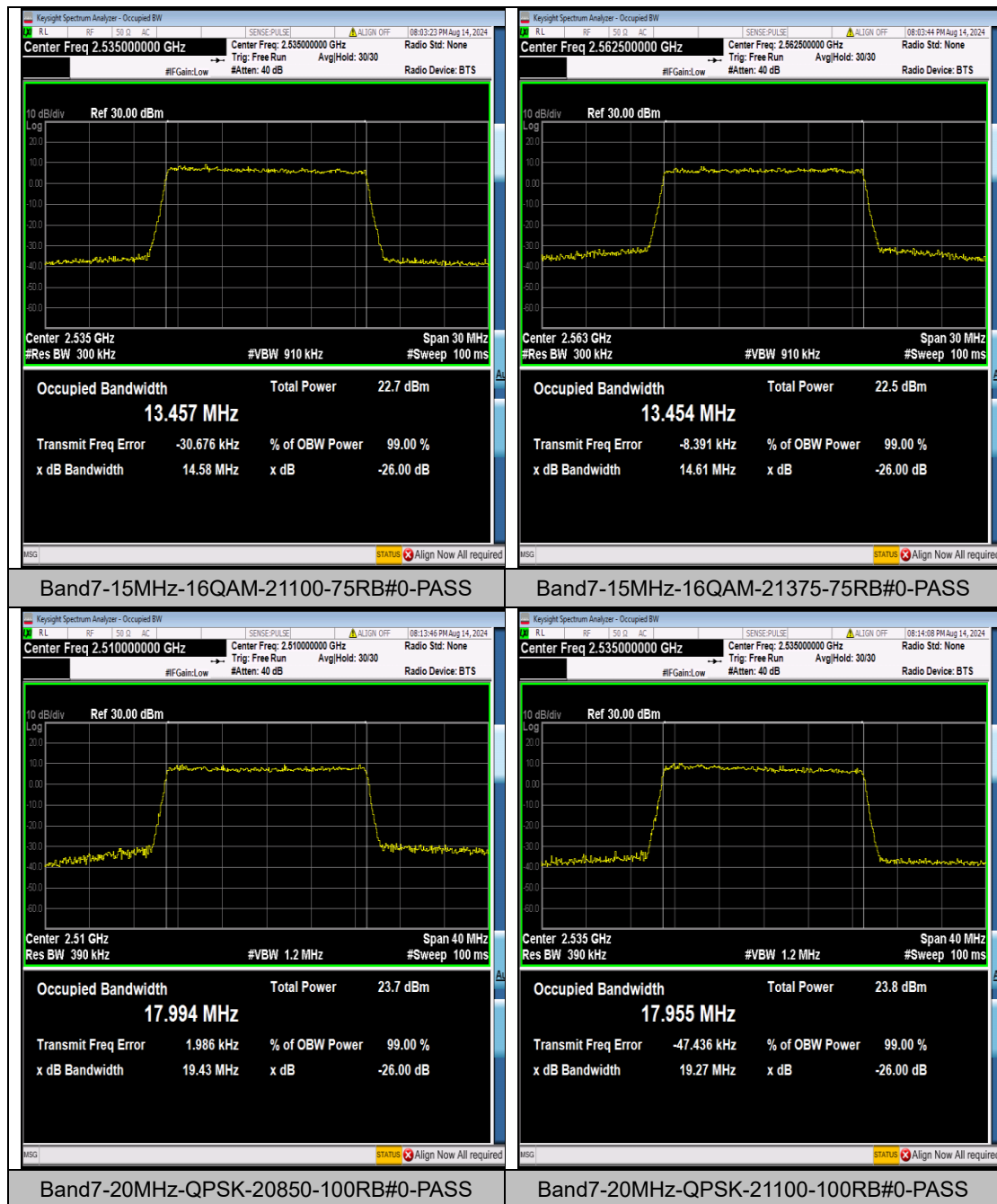
Test Graphs

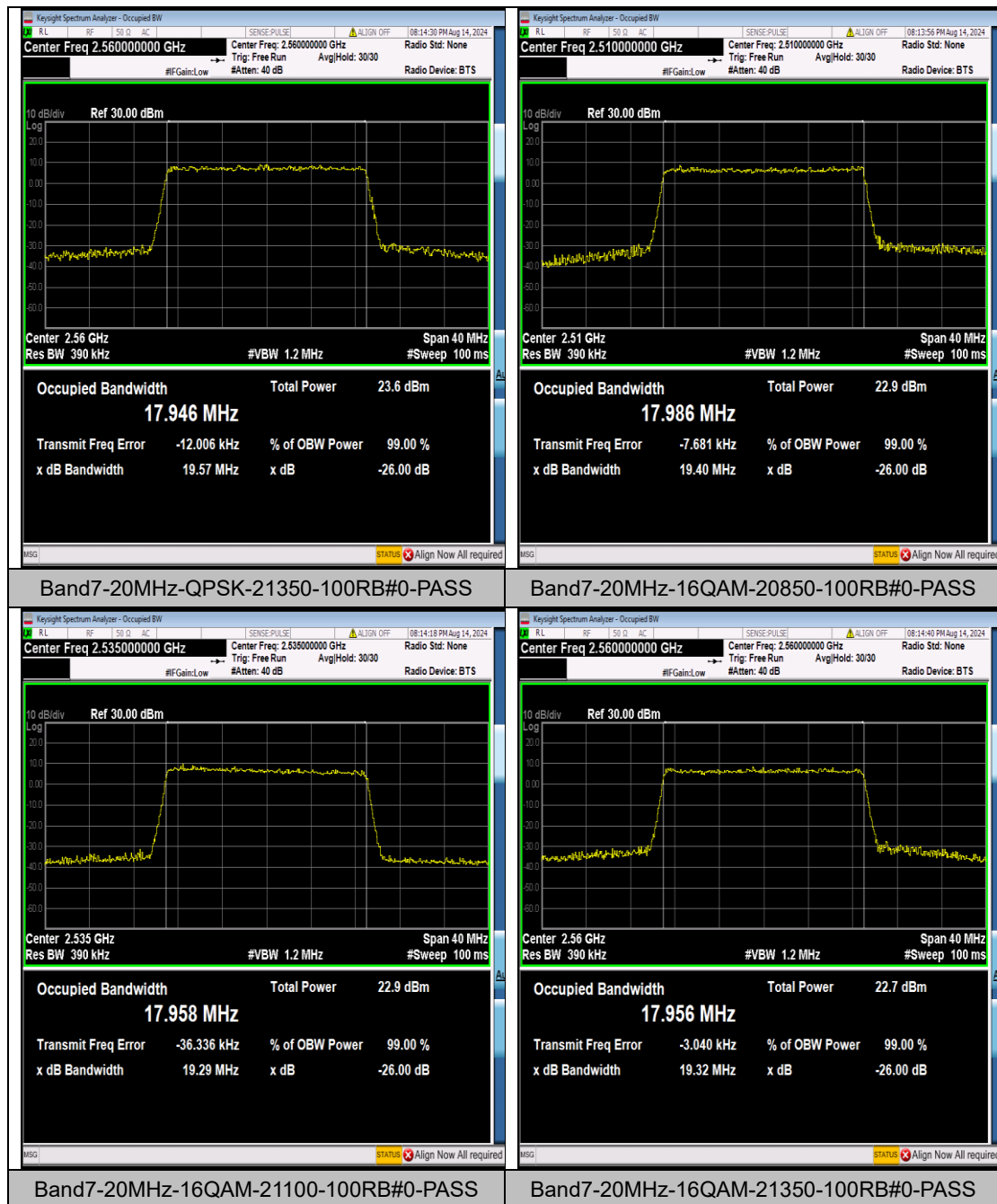










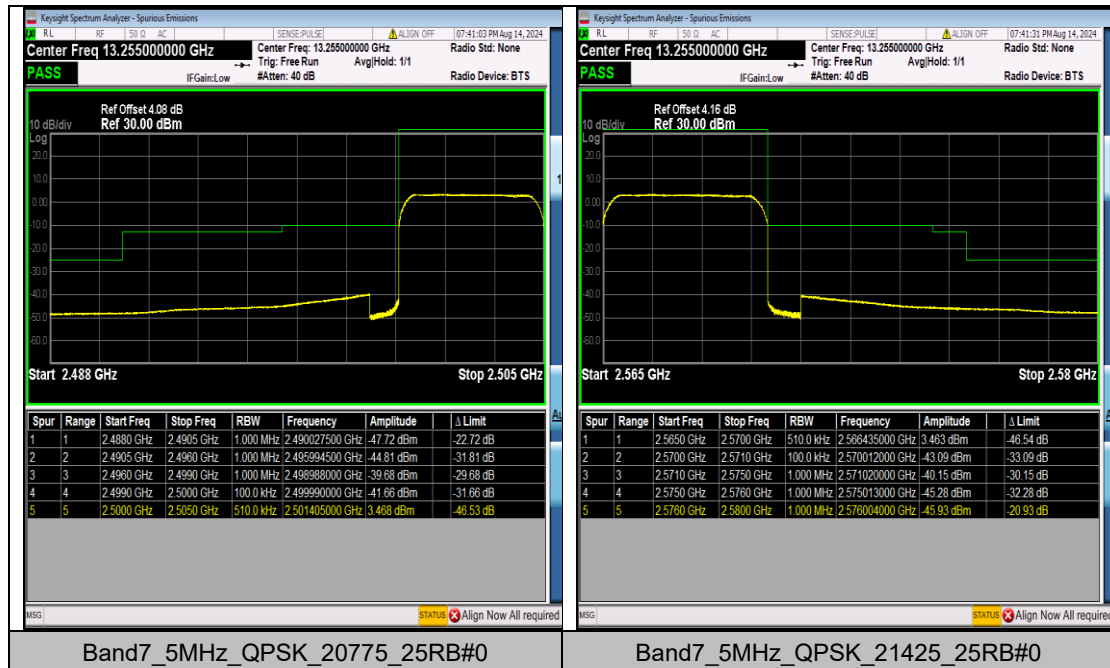


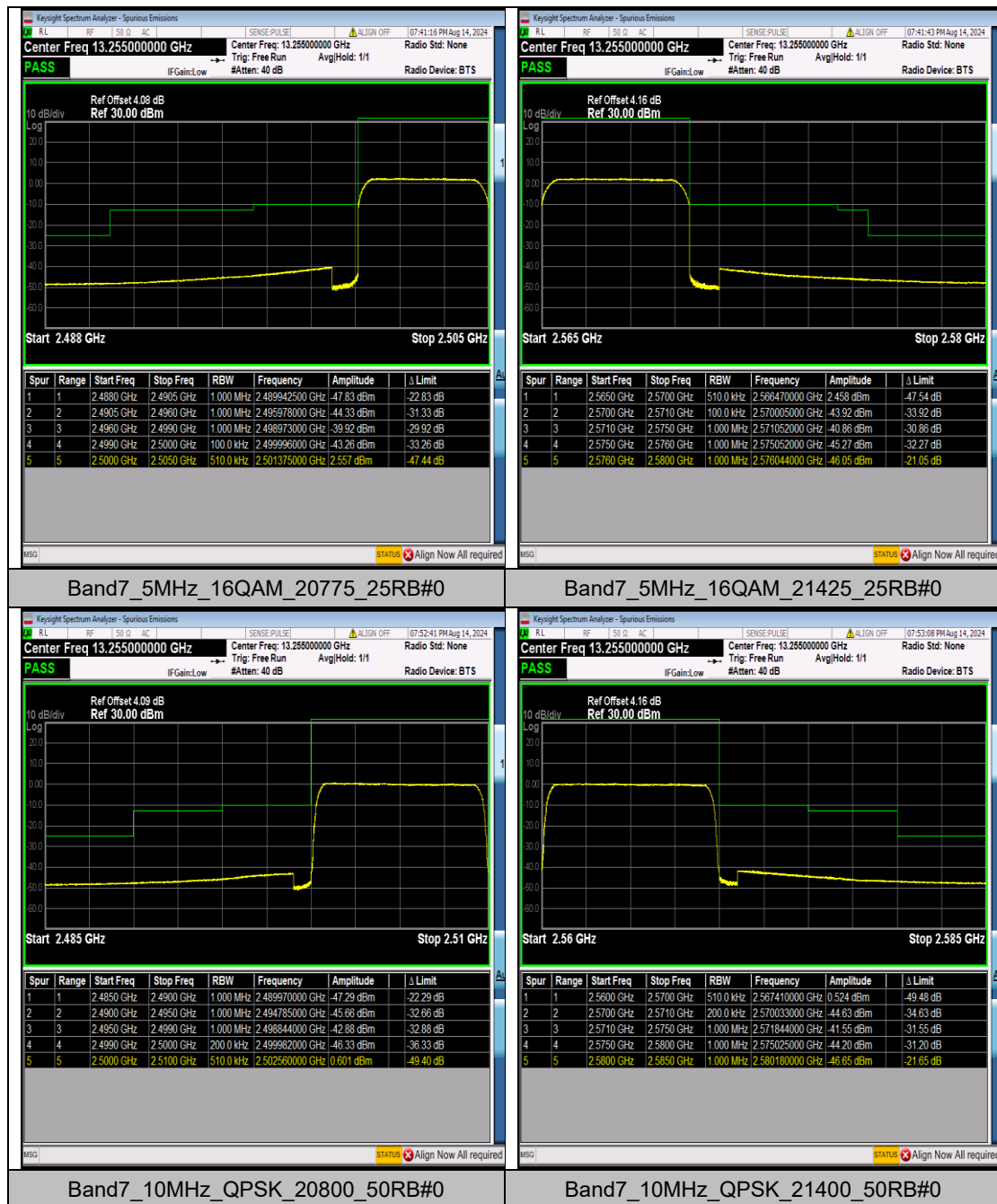
Appendix D: Band Edge

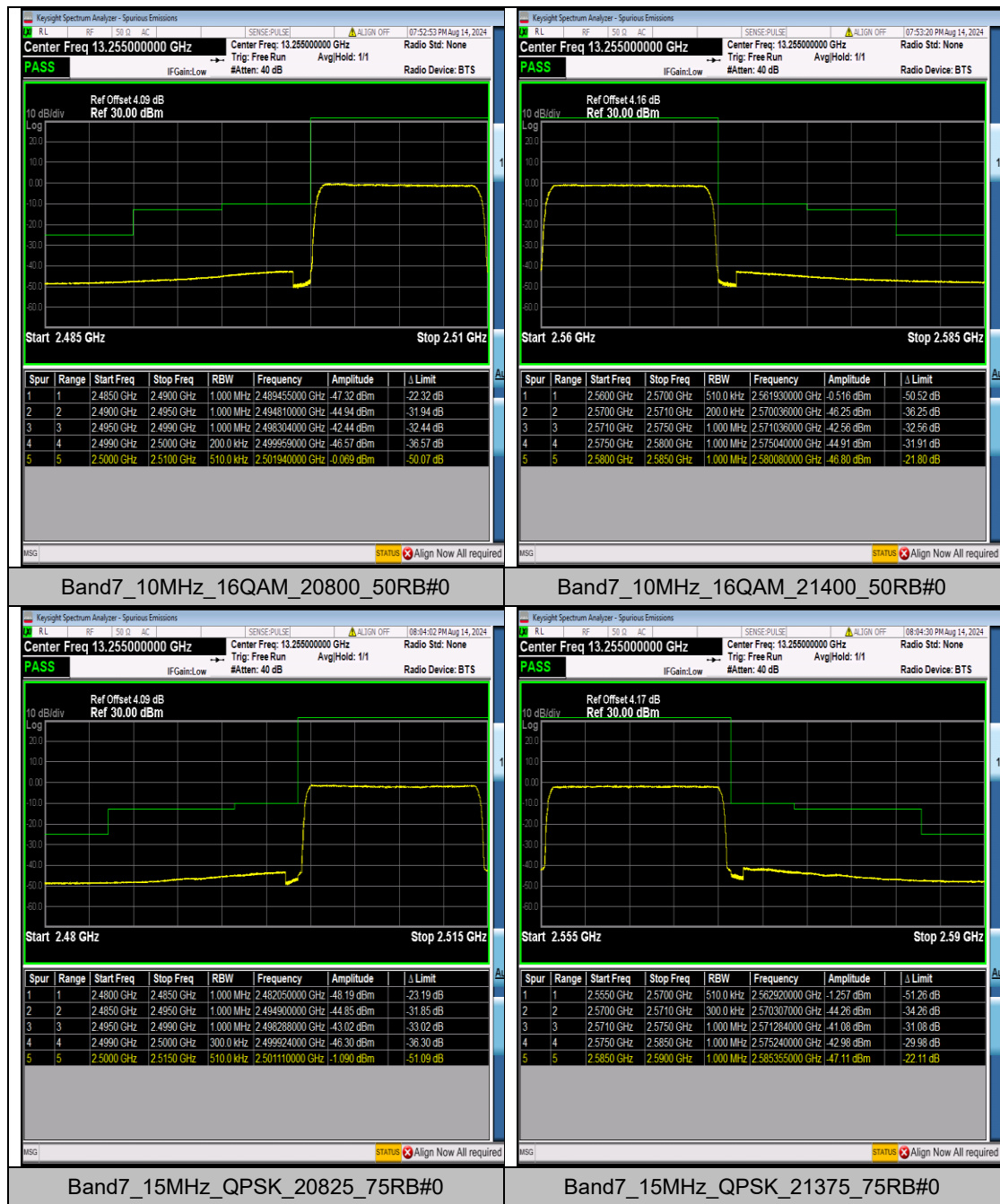
Test Result

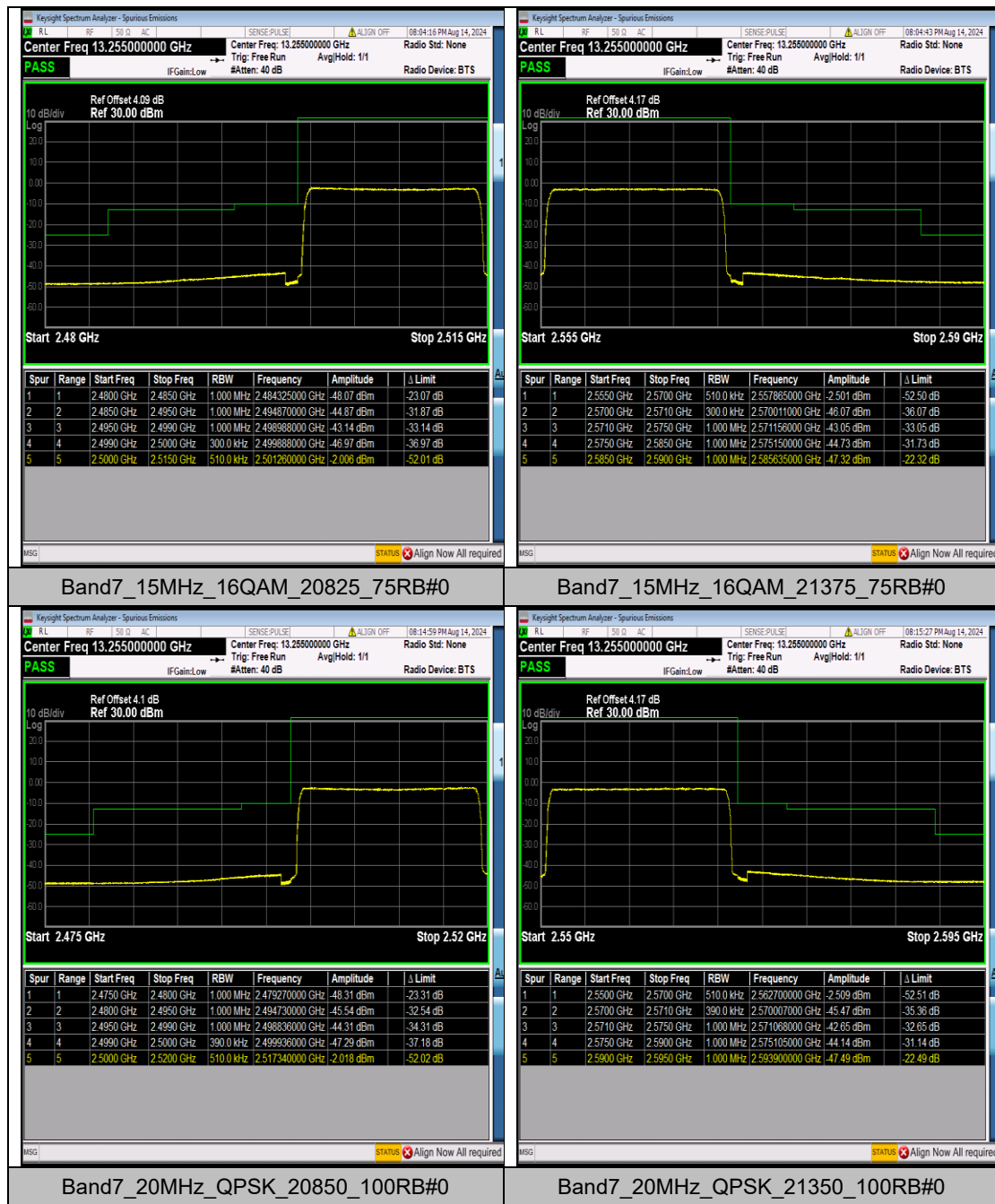
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-47.72	PASS
Band7	5MHz	QPSK	21425	25RB#0	-45.93	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.83	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.05	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.29	PASS
Band7	10MHz	QPSK	21400	50RB#0	-46.65	PASS
Band7	10MHz	16QAM	20800	50RB#0	-47.32	PASS
Band7	10MHz	16QAM	21400	50RB#0	-46.80	PASS
Band7	15MHz	QPSK	20825	75RB#0	-48.19	PASS
Band7	15MHz	QPSK	21375	75RB#0	-47.11	PASS
Band7	15MHz	16QAM	20825	75RB#0	-48.07	PASS
Band7	15MHz	16QAM	21375	75RB#0	-47.32	PASS
Band7	20MHz	QPSK	20850	100RB#0	-48.31	PASS
Band7	20MHz	QPSK	21350	100RB#0	-47.49	PASS
Band7	20MHz	16QAM	20850	100RB#0	-48.31	PASS
Band7	20MHz	16QAM	21350	100RB#0	-47.53	PASS

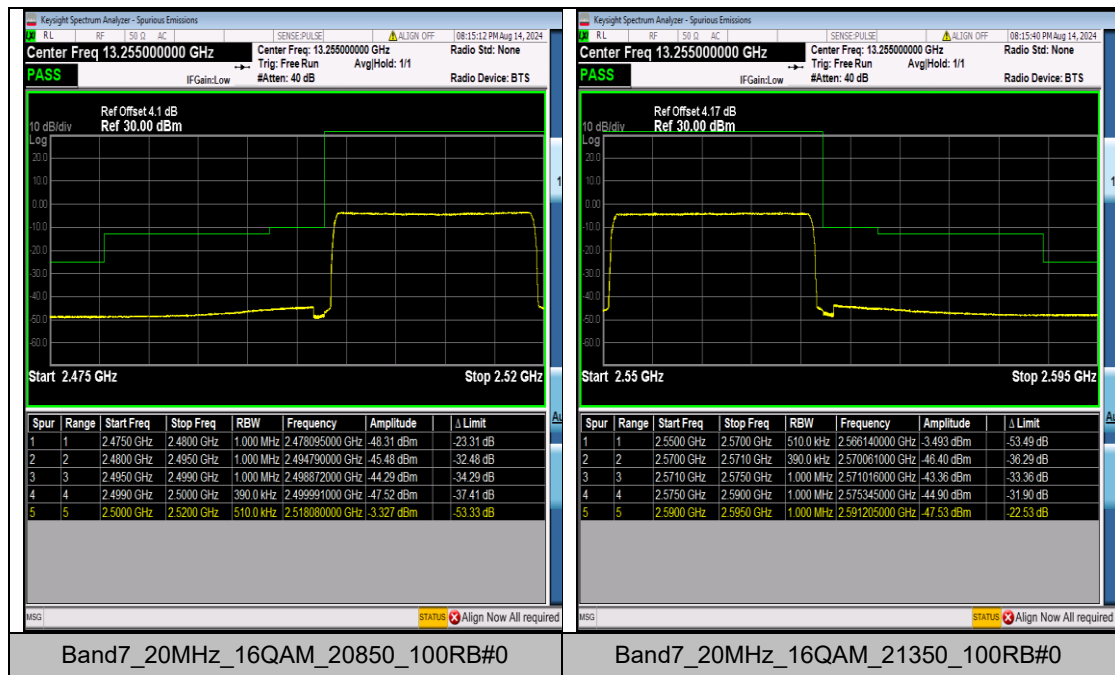
Test Graphs











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	-73.22	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-64.66	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.78	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-45.73	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-40.15	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-71.13	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-65.70	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.82	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-46.13	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-40.35	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-70.75	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-65.48	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.61	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-45.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-40.28	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-74.33	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-63.83	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-67.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-46.02	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-40.37	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-75.22	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-63.83	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.74	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-45.52	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.93	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-72.69	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-64.91	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.89	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-45.66	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-40.27	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-69.60	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-64.78	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.97	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-46.19	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-40.36	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-72.30	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-62.65	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.92	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-46.08	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-40.27	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-71.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-62.30	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-67.04	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-45.56	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-40.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-71.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-65.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.65	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-45.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-40.14	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-67.73	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-62.41	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.88	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-45.87	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-40.32	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-71.99	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-64.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.67	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-46.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-40.13	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-67.80	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-62.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-45.56	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-40.40	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-71.36	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-65.24	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-67.11	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-45.92	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-40.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-69.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-66.26	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.56	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-45.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-40.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-72.62	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-67.18	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.73	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-45.87	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-40.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-70.72	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.66	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.64	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-45.60	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-40.29	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-71.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-64.29	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.63	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-45.98	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-40.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-67.91	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-64.33	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-67.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-45.62	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-40.22	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-70.04	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-65.09	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.98	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-45.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-40.25	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-70.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-65.36	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.89	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-46.07	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-40.29	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-69.48	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-64.20	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.85	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-45.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-40.20	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-69.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-65.32	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.68	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-46.02	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.83	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-72.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-63.58	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.79	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.04	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-40.19	PASS