

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)

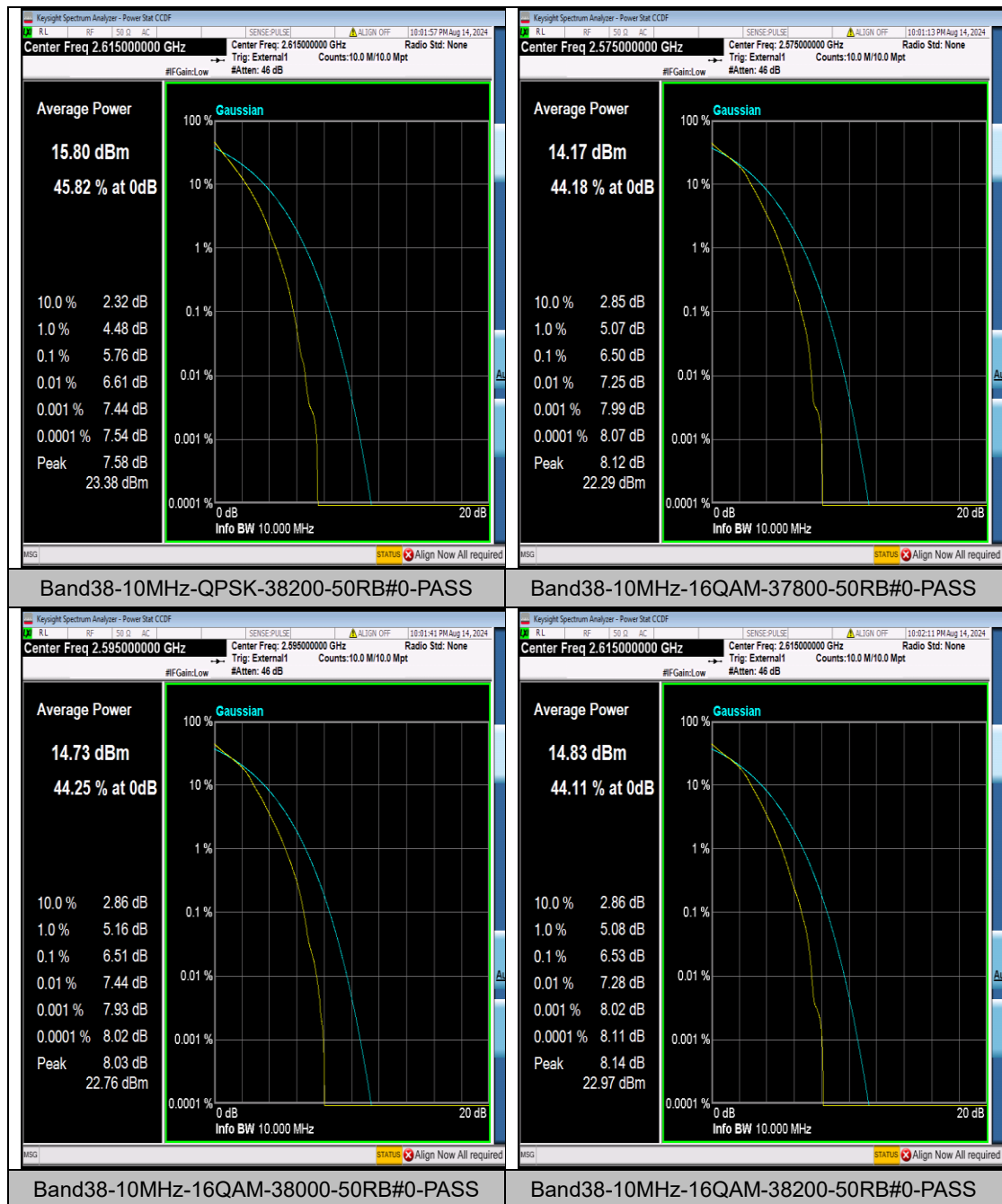
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.88	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.85	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.90	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.46	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.35	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.52	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.75	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.76	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.76	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.50	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.51	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.53	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	6.06	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	6.08	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	6.08	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.59	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.52	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.59	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.66	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.76	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.66	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.46	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.51	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.47	13	PASS

Test Graphs











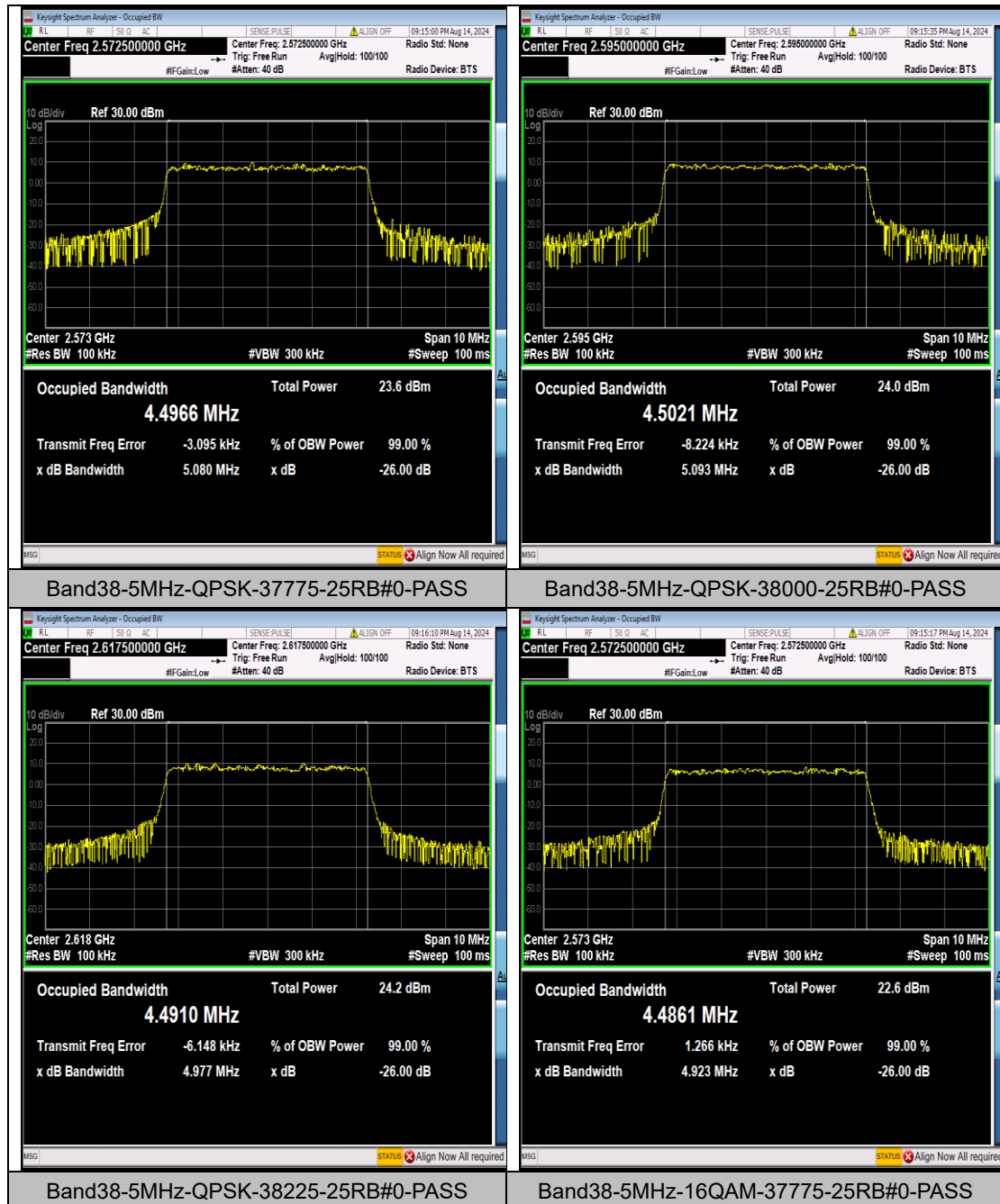


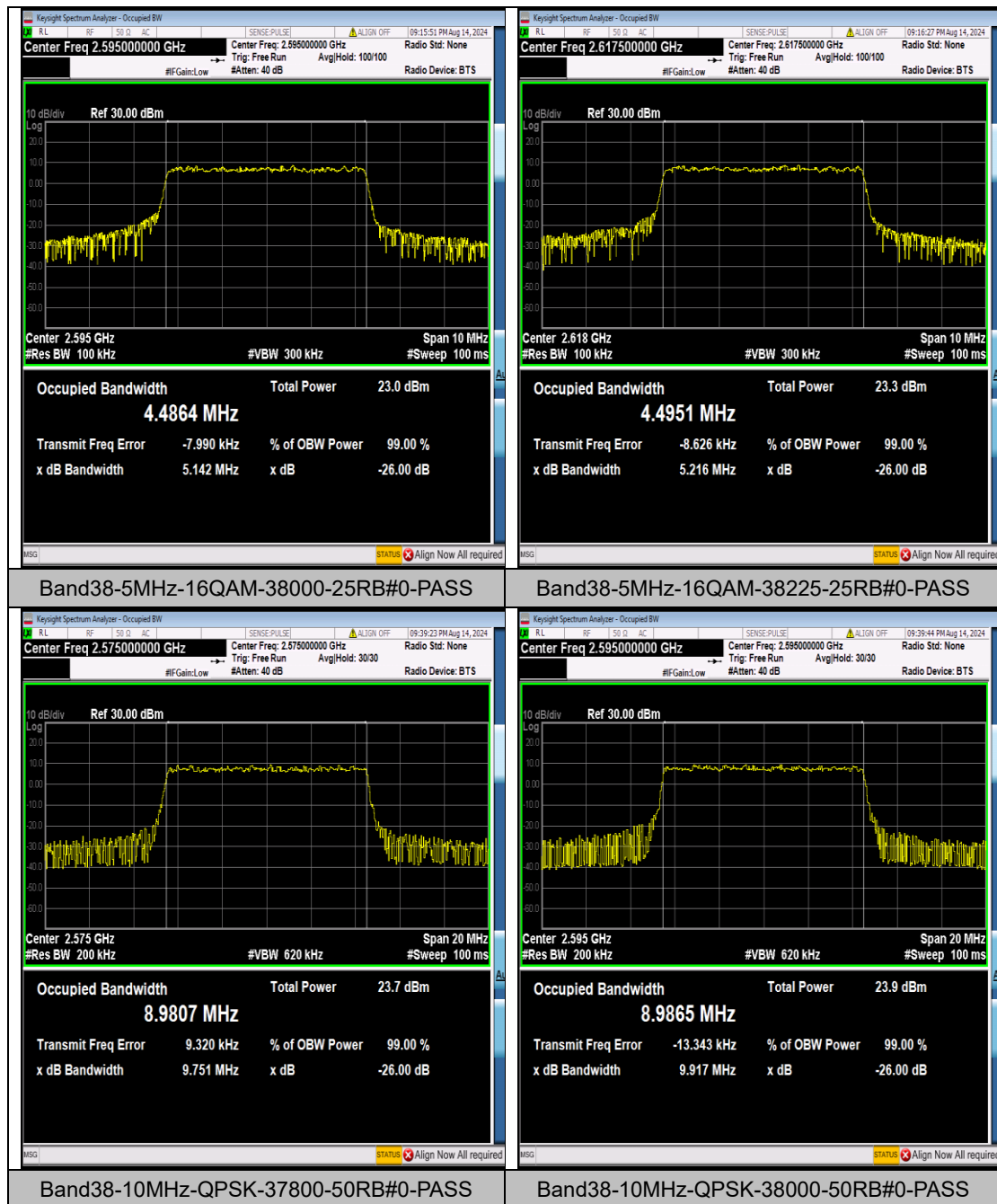
Appendix C: 26dB Bandwidth and Occupied Bandwidth

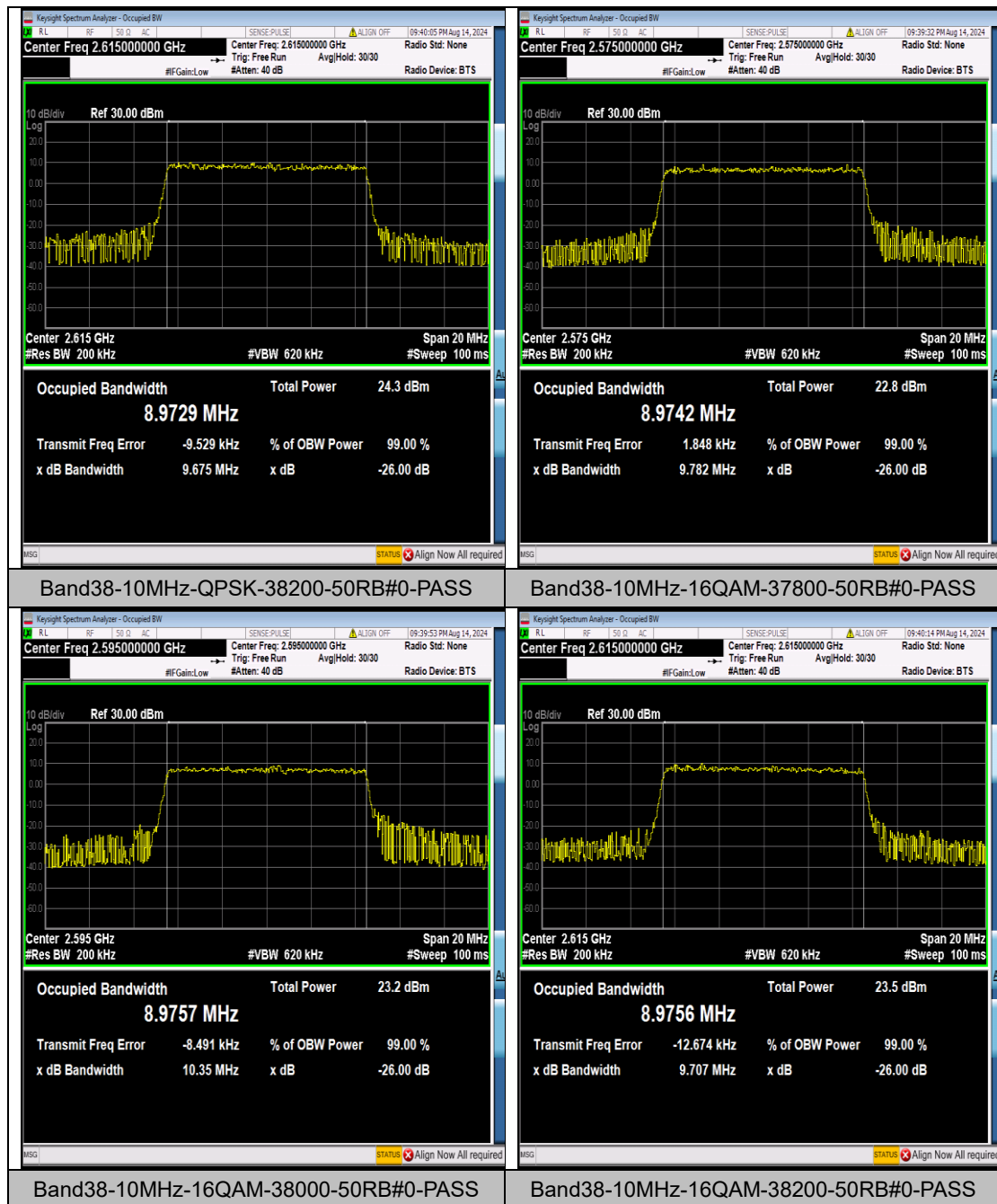
Test Result

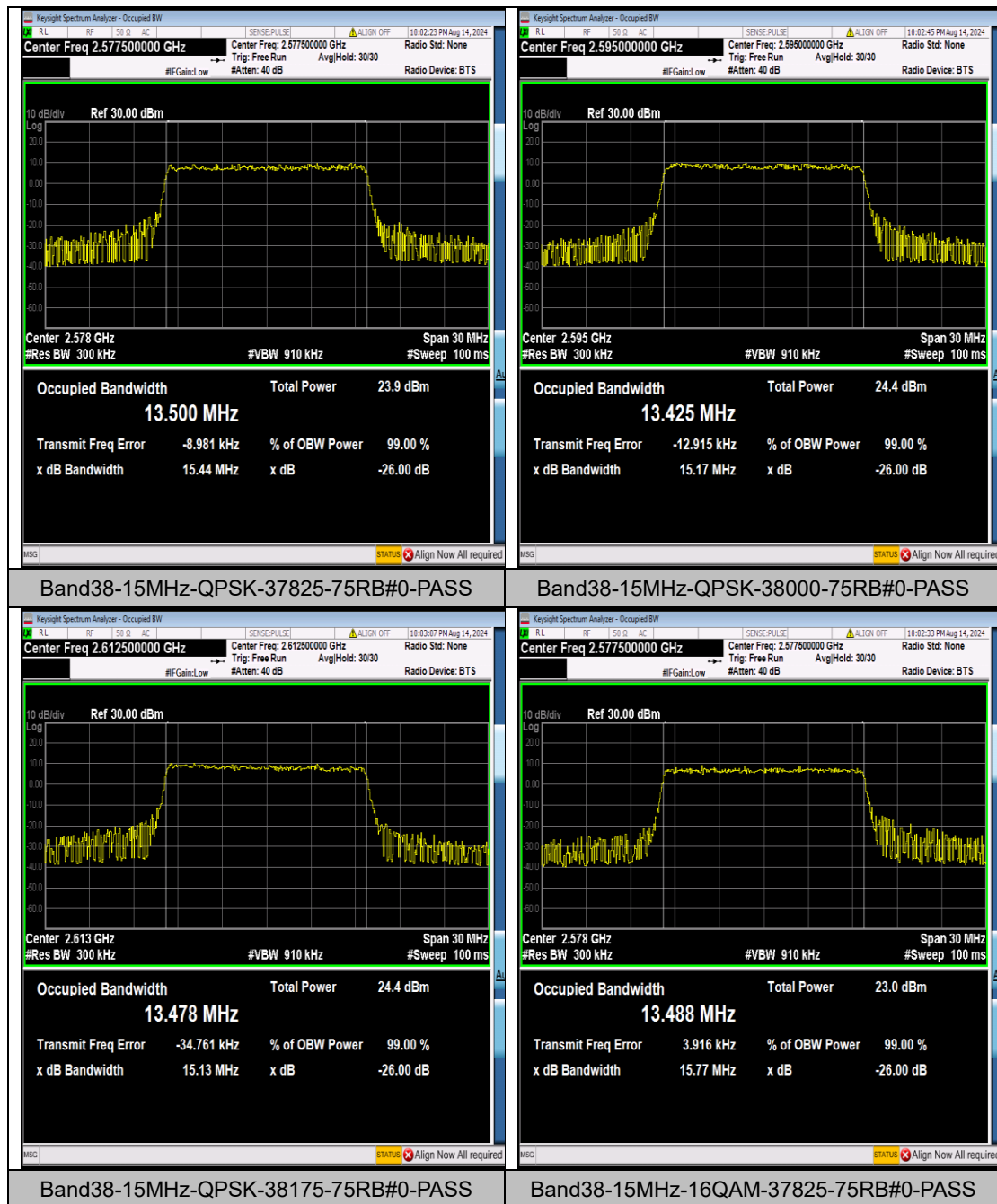
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4966	5.080	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5021	5.093	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4910	4.977	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4861	4.923	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4864	5.142	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4951	5.216	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9807	9.751	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9865	9.917	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9729	9.675	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9742	9.782	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9757	10.35	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9756	9.707	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.500	15.44	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.425	15.17	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.478	15.13	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.488	15.77	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.495	15.72	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.481	15.56	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.973	20.09	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.935	19.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.968	19.66	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.942	19.68	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.922	19.27	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.926	19.45	PASS

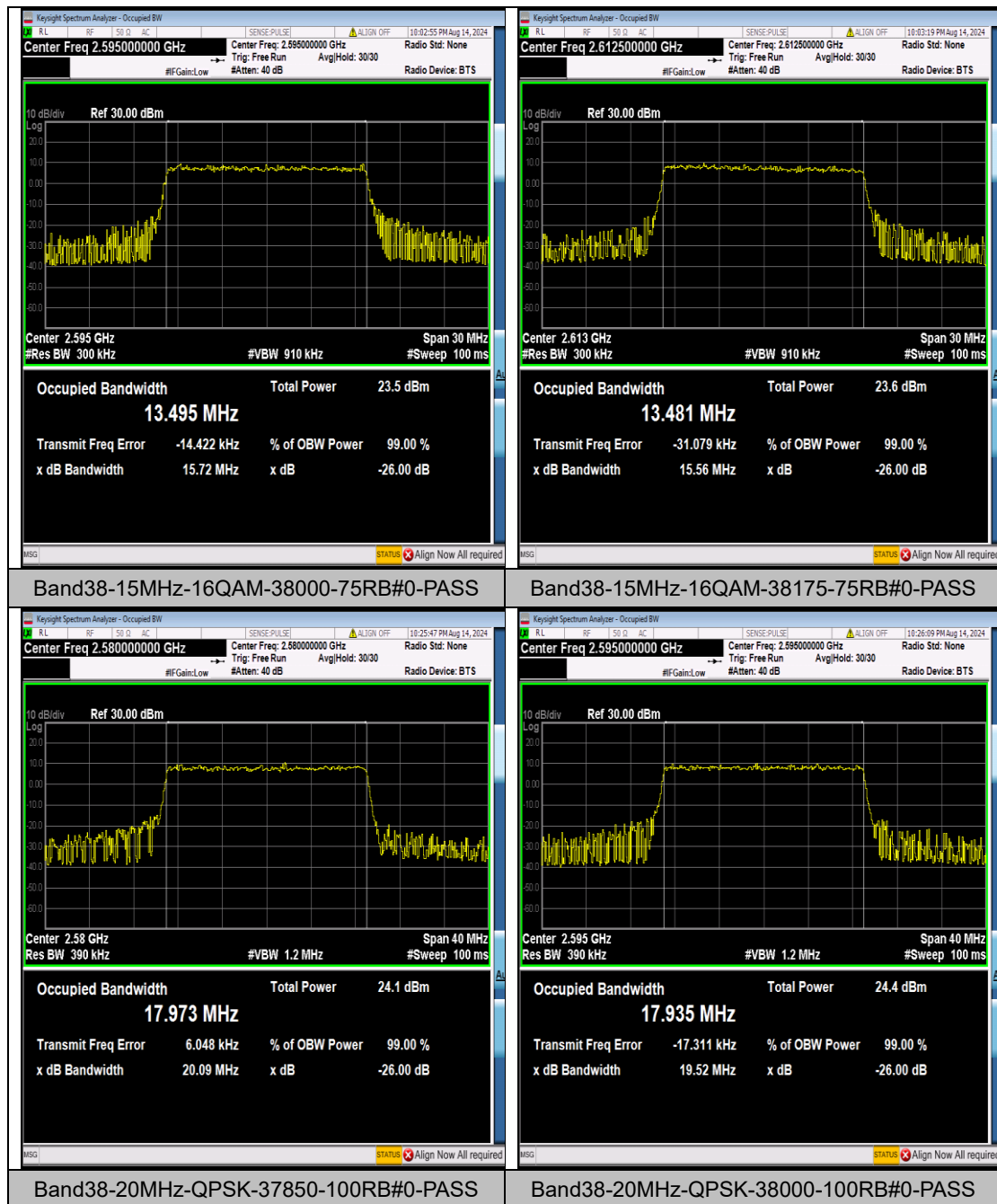
Test Graphs

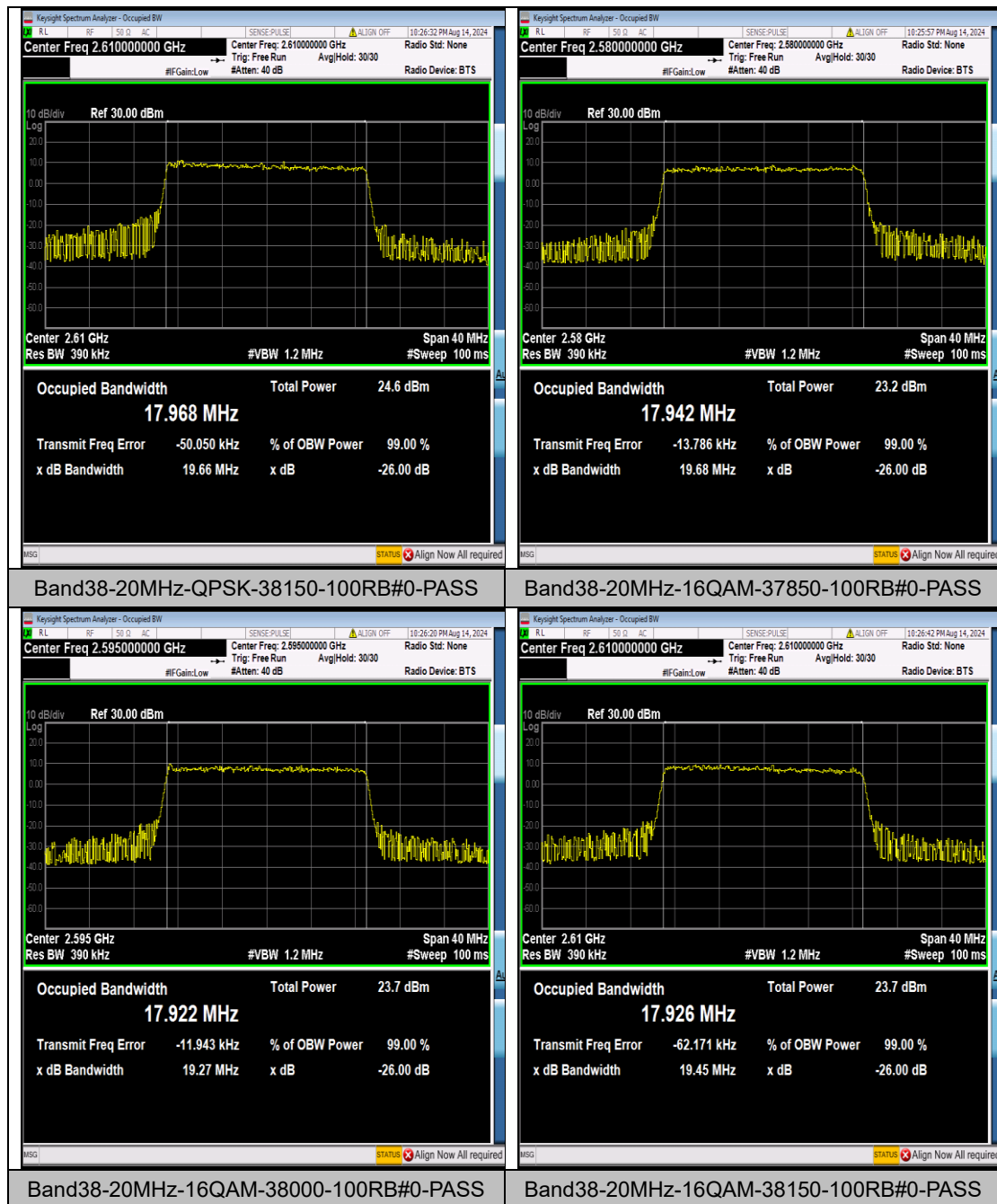










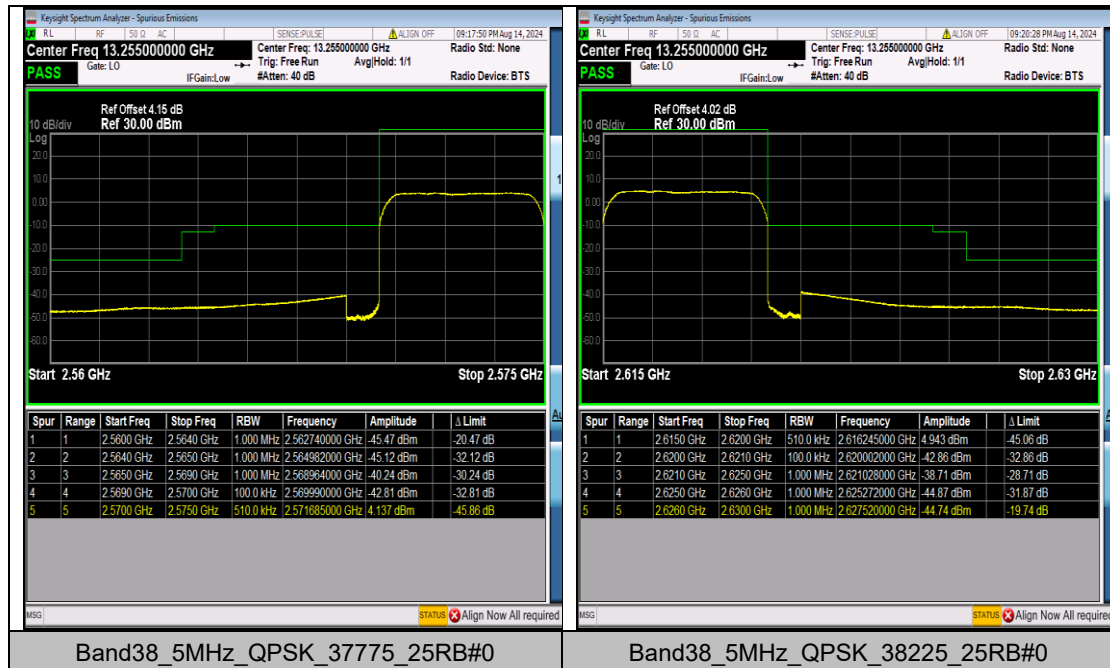


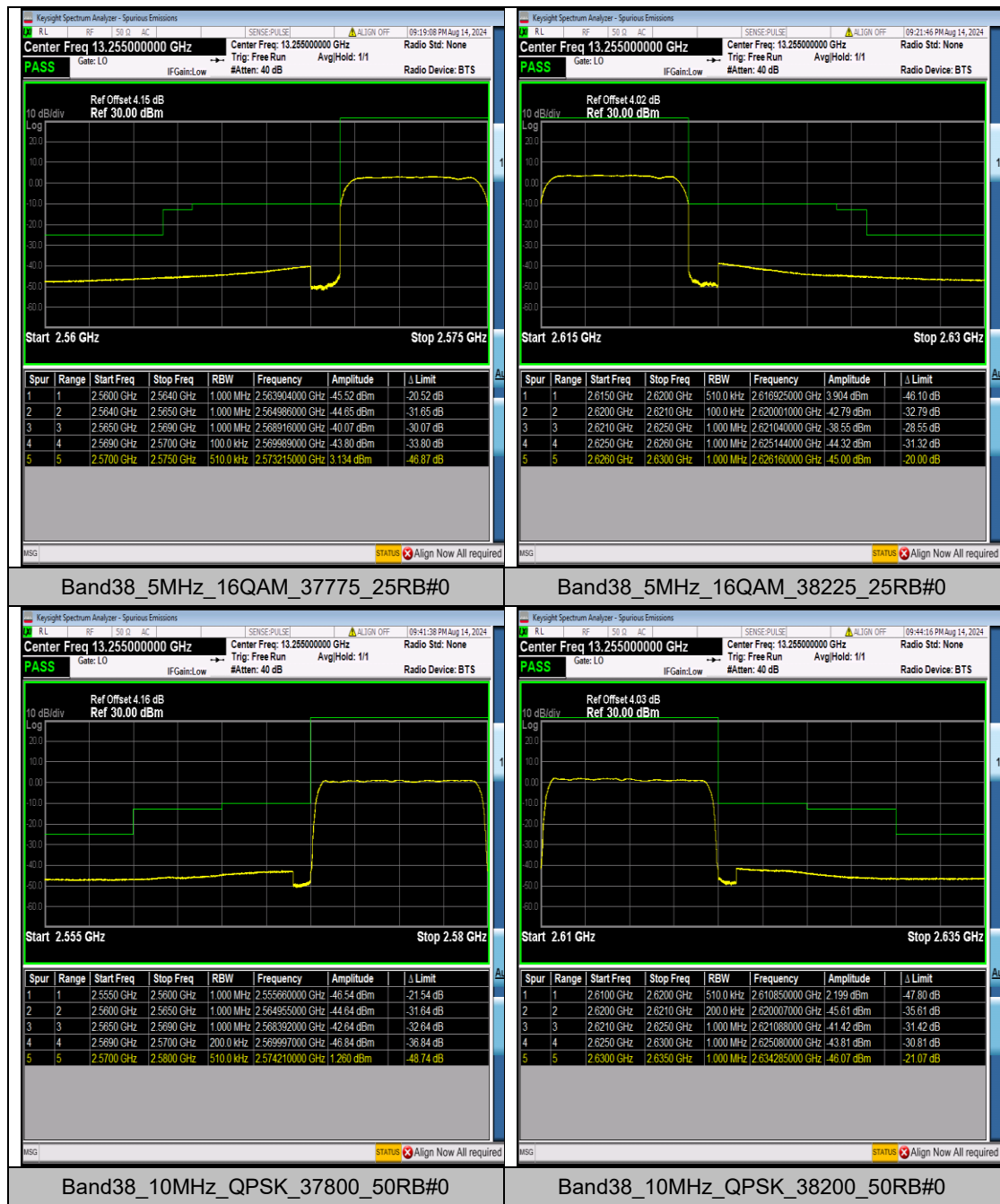
Appendix D: Band Edge

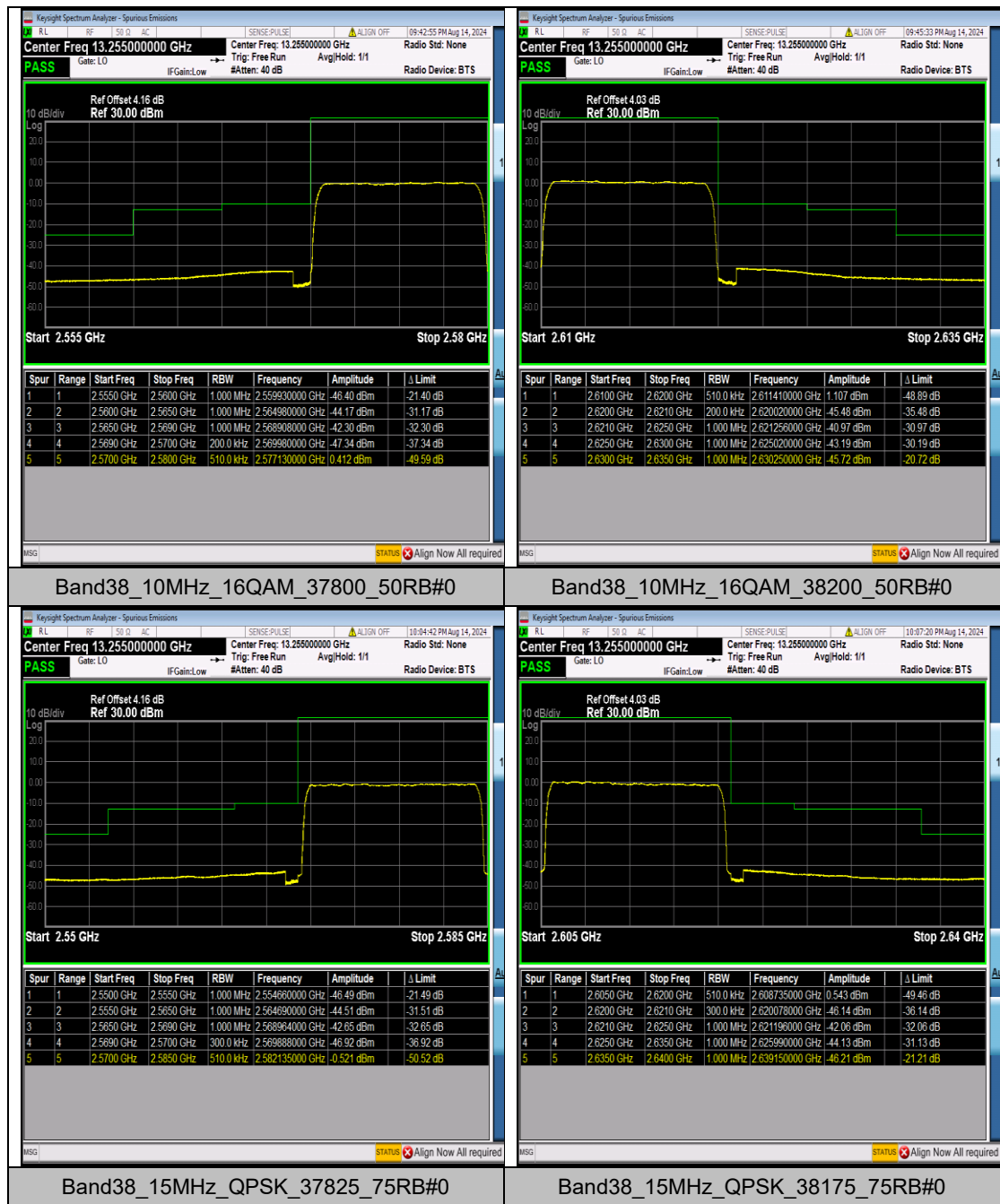
Test Result

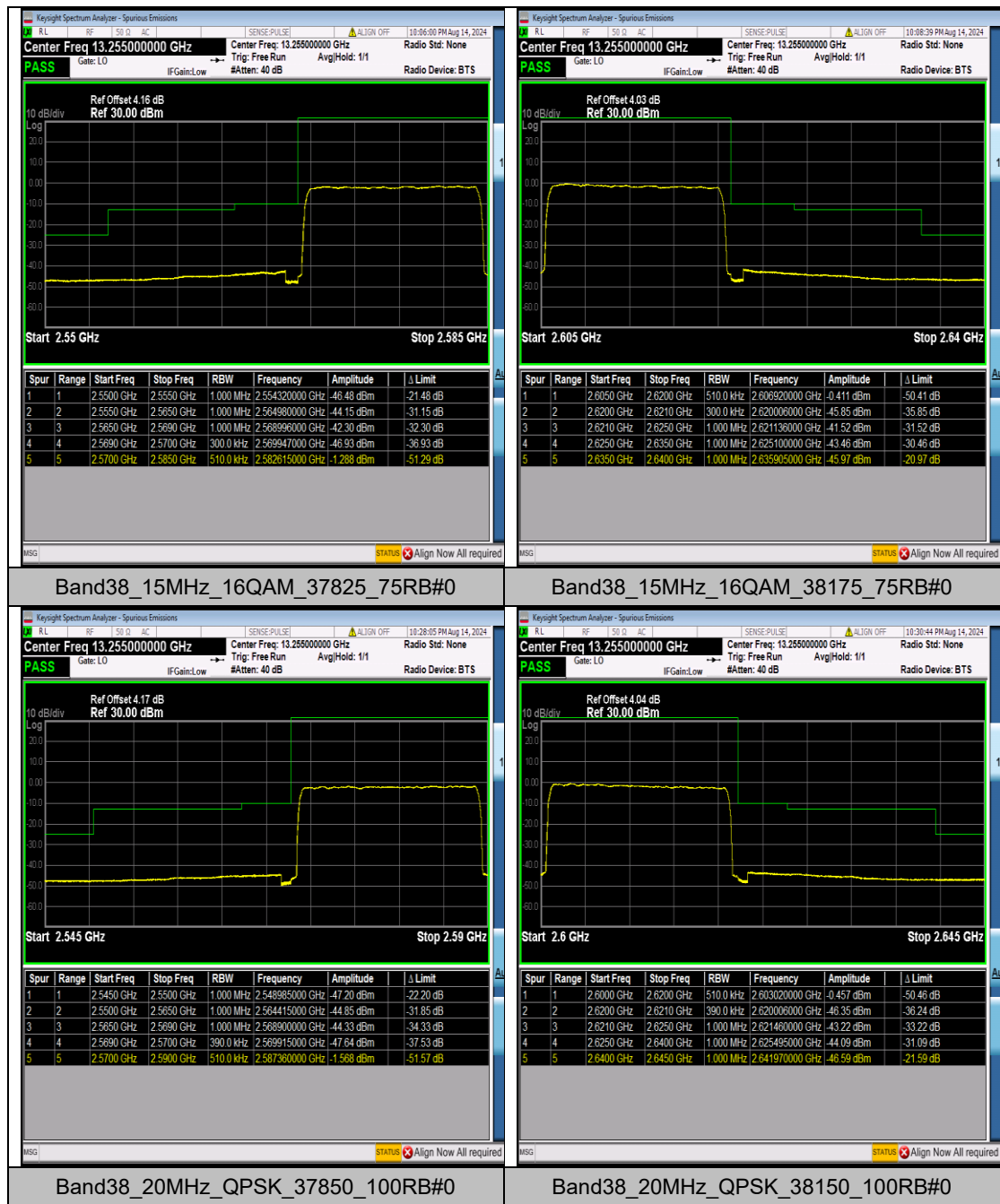
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-45.47	PASS
Band38	5MHz	QPSK	38225	25RB#0	-44.74	PASS
Band38	5MHz	16QAM	37775	25RB#0	-45.52	PASS
Band38	5MHz	16QAM	38225	25RB#0	-45.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	-46.54	PASS
Band38	10MHz	QPSK	38200	50RB#0	-46.07	PASS
Band38	10MHz	16QAM	37800	50RB#0	-46.40	PASS
Band38	10MHz	16QAM	38200	50RB#0	-45.72	PASS
Band38	15MHz	QPSK	37825	75RB#0	-46.49	PASS
Band38	15MHz	QPSK	38175	75RB#0	-46.21	PASS
Band38	15MHz	16QAM	37825	75RB#0	-46.48	PASS
Band38	15MHz	16QAM	38175	75RB#0	-45.97	PASS
Band38	20MHz	QPSK	37850	100RB#0	-47.20	PASS
Band38	20MHz	QPSK	38150	100RB#0	-46.59	PASS
Band38	20MHz	16QAM	37850	100RB#0	-47.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	-46.44	PASS

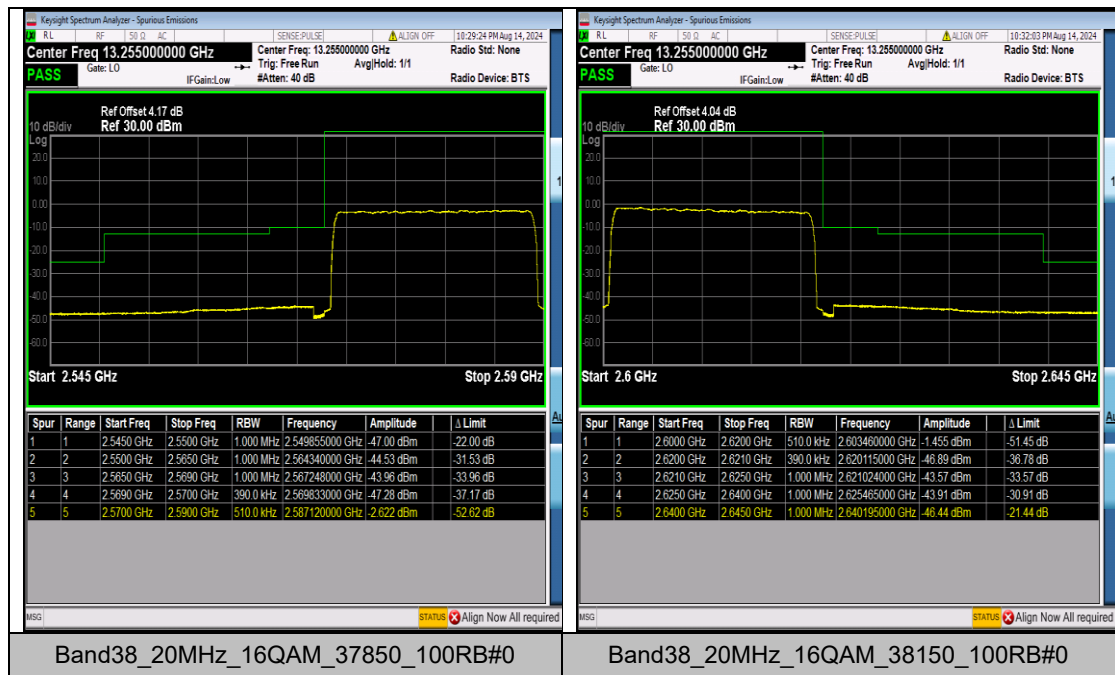
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	0.009~0.15	-71.05	PASS
Band38	5MHz	QPSK	37775	25RB#0	0.15~30	-62.55	PASS
Band38	5MHz	QPSK	37775	25RB#0	30~1000	-66.57	PASS
Band38	5MHz	QPSK	37775	25RB#0	1000~20000	-46.02	PASS
Band38	5MHz	QPSK	37775	25RB#0	20000~27000	-39.91	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.009~0.15	-69.39	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.15~30	-64.50	PASS
Band38	5MHz	QPSK	38000	25RB#0	30~1000	-66.55	PASS
Band38	5MHz	QPSK	38000	25RB#0	1000~20000	-45.78	PASS
Band38	5MHz	QPSK	38000	25RB#0	20000~27000	-40.25	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.009~0.15	-71.22	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.15~30	-62.21	PASS
Band38	5MHz	QPSK	38225	25RB#0	30~1000	-66.34	PASS
Band38	5MHz	QPSK	38225	25RB#0	1000~20000	-46.33	PASS
Band38	5MHz	QPSK	38225	25RB#0	20000~27000	-40.53	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.009~0.15	-71.59	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.15~30	-64.05	PASS
Band38	5MHz	16QAM	37775	25RB#0	30~1000	-66.39	PASS
Band38	5MHz	16QAM	37775	25RB#0	1000~20000	-46.12	PASS
Band38	5MHz	16QAM	37775	25RB#0	20000~27000	-40.10	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.009~0.15	-70.02	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.15~30	-60.78	PASS
Band38	5MHz	16QAM	38000	25RB#0	30~1000	-66.56	PASS
Band38	5MHz	16QAM	38000	25RB#0	1000~20000	-45.14	PASS
Band38	5MHz	16QAM	38000	25RB#0	20000~27000	-40.20	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.009~0.15	-70.91	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.15~30	-63.49	PASS
Band38	5MHz	16QAM	38225	25RB#0	30~1000	-66.40	PASS
Band38	5MHz	16QAM	38225	25RB#0	1000~20000	-46.04	PASS
Band38	5MHz	16QAM	38225	25RB#0	20000~27000	-40.14	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.009~0.15	-70.02	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.15~30	-63.02	PASS
Band38	10MHz	QPSK	37800	50RB#0	30~1000	-66.56	PASS
Band38	10MHz	QPSK	37800	50RB#0	1000~20000	-46.13	PASS
Band38	10MHz	QPSK	37800	50RB#0	20000~27000	-39.78	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.009~0.15	-69.06	PASS

Band38	10MHz	QPSK	38000	50RB#0	0.15~30	-59.70	PASS
Band38	10MHz	QPSK	38000	50RB#0	30~1000	-66.91	PASS
Band38	10MHz	QPSK	38000	50RB#0	1000~20000	-45.57	PASS
Band38	10MHz	QPSK	38000	50RB#0	20000~27000	-39.78	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.009~0.15	-70.98	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.15~30	-63.36	PASS
Band38	10MHz	QPSK	38200	50RB#0	30~1000	-66.59	PASS
Band38	10MHz	QPSK	38200	50RB#0	1000~20000	-45.32	PASS
Band38	10MHz	QPSK	38200	50RB#0	20000~27000	-40.26	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.009~0.15	-70.37	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.15~30	-63.25	PASS
Band38	10MHz	16QAM	37800	50RB#0	30~1000	-67.09	PASS
Band38	10MHz	16QAM	37800	50RB#0	1000~20000	-45.77	PASS
Band38	10MHz	16QAM	37800	50RB#0	20000~27000	-40.32	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.009~0.15	-73.22	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.15~30	-61.25	PASS
Band38	10MHz	16QAM	38000	50RB#0	30~1000	-66.80	PASS
Band38	10MHz	16QAM	38000	50RB#0	1000~20000	-46.09	PASS
Band38	10MHz	16QAM	38000	50RB#0	20000~27000	-39.76	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.009~0.15	-70.29	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.15~30	-63.38	PASS
Band38	10MHz	16QAM	38200	50RB#0	30~1000	-66.90	PASS
Band38	10MHz	16QAM	38200	50RB#0	1000~20000	-45.89	PASS
Band38	10MHz	16QAM	38200	50RB#0	20000~27000	-40.10	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.009~0.15	-69.73	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.15~30	-64.91	PASS
Band38	15MHz	QPSK	37825	75RB#0	30~1000	-66.62	PASS
Band38	15MHz	QPSK	37825	75RB#0	1000~20000	-45.24	PASS
Band38	15MHz	QPSK	37825	75RB#0	20000~27000	-40.29	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.009~0.15	-71.88	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.15~30	-62.60	PASS
Band38	15MHz	QPSK	38000	75RB#0	30~1000	-66.84	PASS
Band38	15MHz	QPSK	38000	75RB#0	1000~20000	-45.70	PASS
Band38	15MHz	QPSK	38000	75RB#0	20000~27000	-40.26	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.009~0.15	-70.67	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.15~30	-65.84	PASS
Band38	15MHz	QPSK	38175	75RB#0	30~1000	-66.92	PASS
Band38	15MHz	QPSK	38175	75RB#0	1000~20000	-45.57	PASS
Band38	15MHz	QPSK	38175	75RB#0	20000~27000	-40.26	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.009~0.15	-73.22	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.15~30	-62.89	PASS
Band38	15MHz	16QAM	37825	75RB#0	30~1000	-66.50	PASS
Band38	15MHz	16QAM	37825	75RB#0	1000~20000	-46.00	PASS

Band38	15MHz	16QAM	37825	75RB#0	20000~27000	-40.16	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.009~0.15	-70.03	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.15~30	-63.32	PASS
Band38	15MHz	16QAM	38000	75RB#0	30~1000	-67.07	PASS
Band38	15MHz	16QAM	38000	75RB#0	1000~20000	-46.07	PASS
Band38	15MHz	16QAM	38000	75RB#0	20000~27000	-40.36	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.009~0.15	-72.63	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.15~30	-61.55	PASS
Band38	15MHz	16QAM	38175	75RB#0	30~1000	-66.76	PASS
Band38	15MHz	16QAM	38175	75RB#0	1000~20000	-45.47	PASS
Band38	15MHz	16QAM	38175	75RB#0	20000~27000	-40.22	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.009~0.15	-71.51	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.15~30	-64.08	PASS
Band38	20MHz	QPSK	37850	100RB#0	30~1000	-66.33	PASS
Band38	20MHz	QPSK	37850	100RB#0	1000~20000	-45.83	PASS
Band38	20MHz	QPSK	37850	100RB#0	20000~27000	-39.91	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.009~0.15	-69.23	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.15~30	-61.10	PASS
Band38	20MHz	QPSK	38000	100RB#0	30~1000	-66.44	PASS
Band38	20MHz	QPSK	38000	100RB#0	1000~20000	-45.77	PASS
Band38	20MHz	QPSK	38000	100RB#0	20000~27000	-39.97	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.009~0.15	-72.10	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.15~30	-60.07	PASS
Band38	20MHz	QPSK	38150	100RB#0	30~1000	-66.44	PASS
Band38	20MHz	QPSK	38150	100RB#0	1000~20000	-45.85	PASS
Band38	20MHz	QPSK	38150	100RB#0	20000~27000	-40.34	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.009~0.15	-68.65	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.15~30	-60.72	PASS
Band38	20MHz	16QAM	37850	100RB#0	30~1000	-66.53	PASS
Band38	20MHz	16QAM	37850	100RB#0	1000~20000	-45.92	PASS
Band38	20MHz	16QAM	37850	100RB#0	20000~27000	-40.10	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.009~0.15	-70.13	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.15~30	-59.01	PASS
Band38	20MHz	16QAM	38000	100RB#0	30~1000	-66.36	PASS
Band38	20MHz	16QAM	38000	100RB#0	1000~20000	-45.65	PASS
Band38	20MHz	16QAM	38000	100RB#0	20000~27000	-40.31	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.009~0.15	-70.55	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.15~30	-64.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	30~1000	-66.48	PASS
Band38	20MHz	16QAM	38150	100RB#0	1000~20000	-46.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	20000~27000	-40.00	PASS