

FCC LTE Band Test Data

FCC ID : 2BM9D-RENO12PRO

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : Reno12 Pro

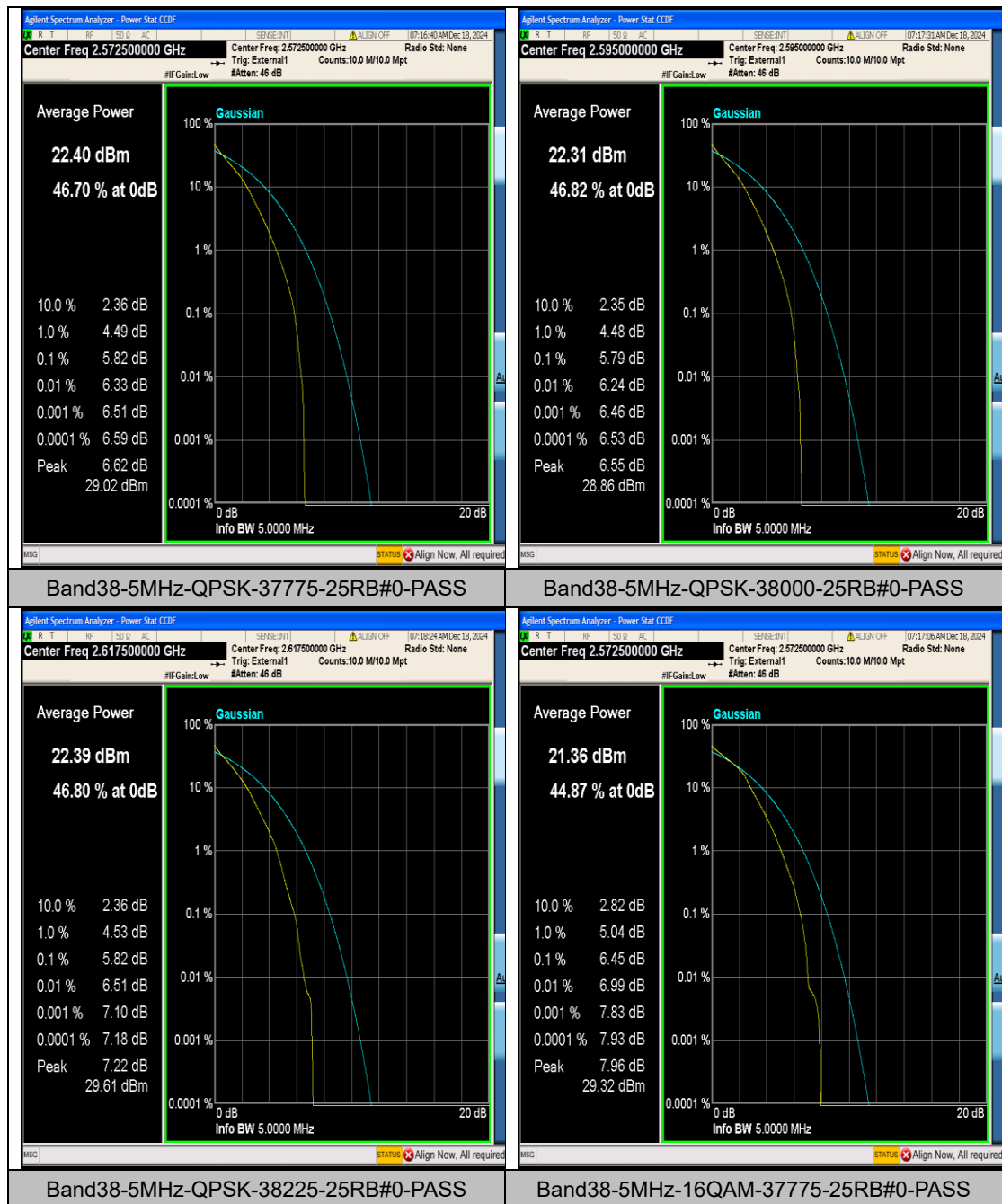
Reviewed By : Eric Wang

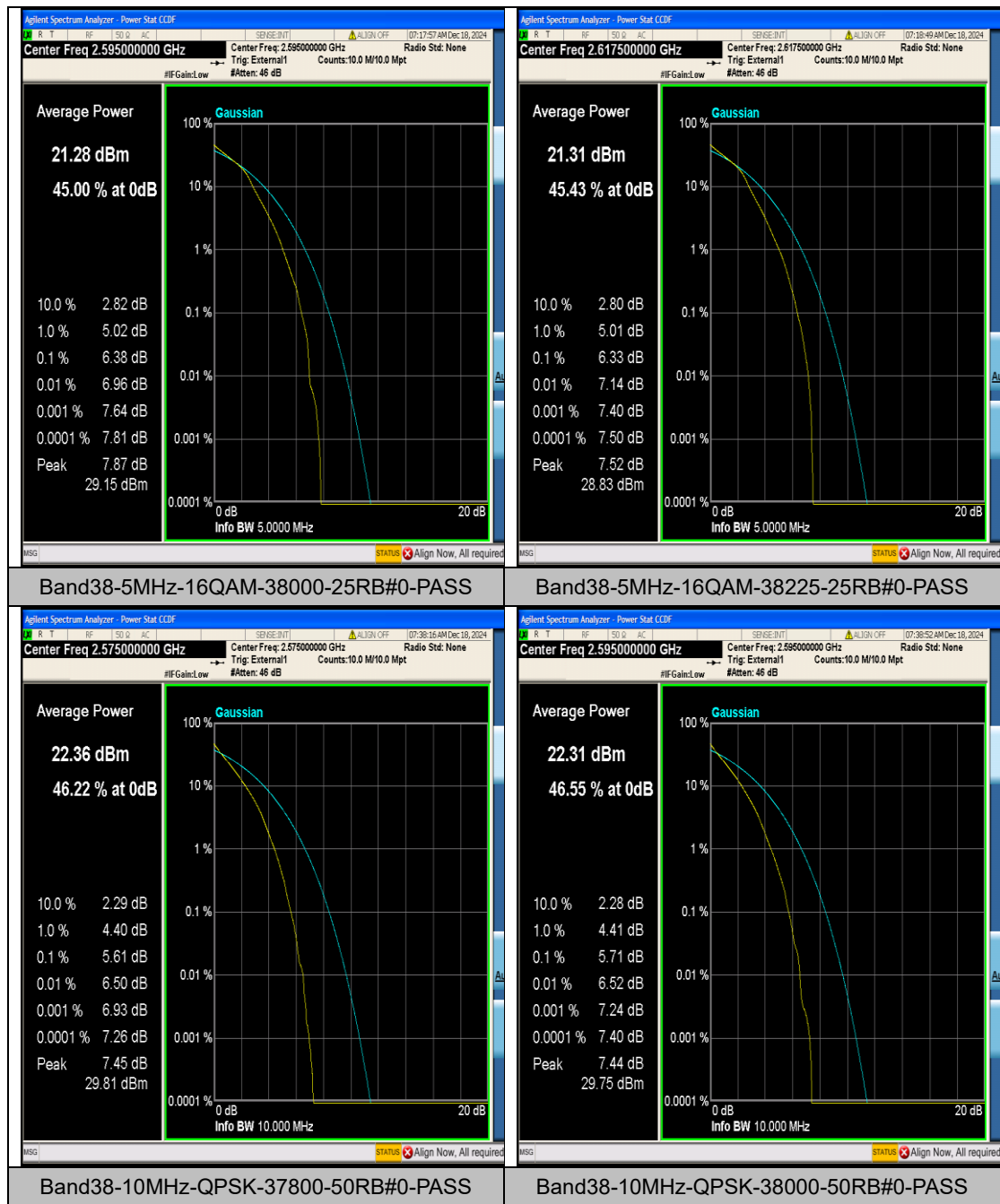
Appendix B: Peak-to-Average Ratio(CCDF)

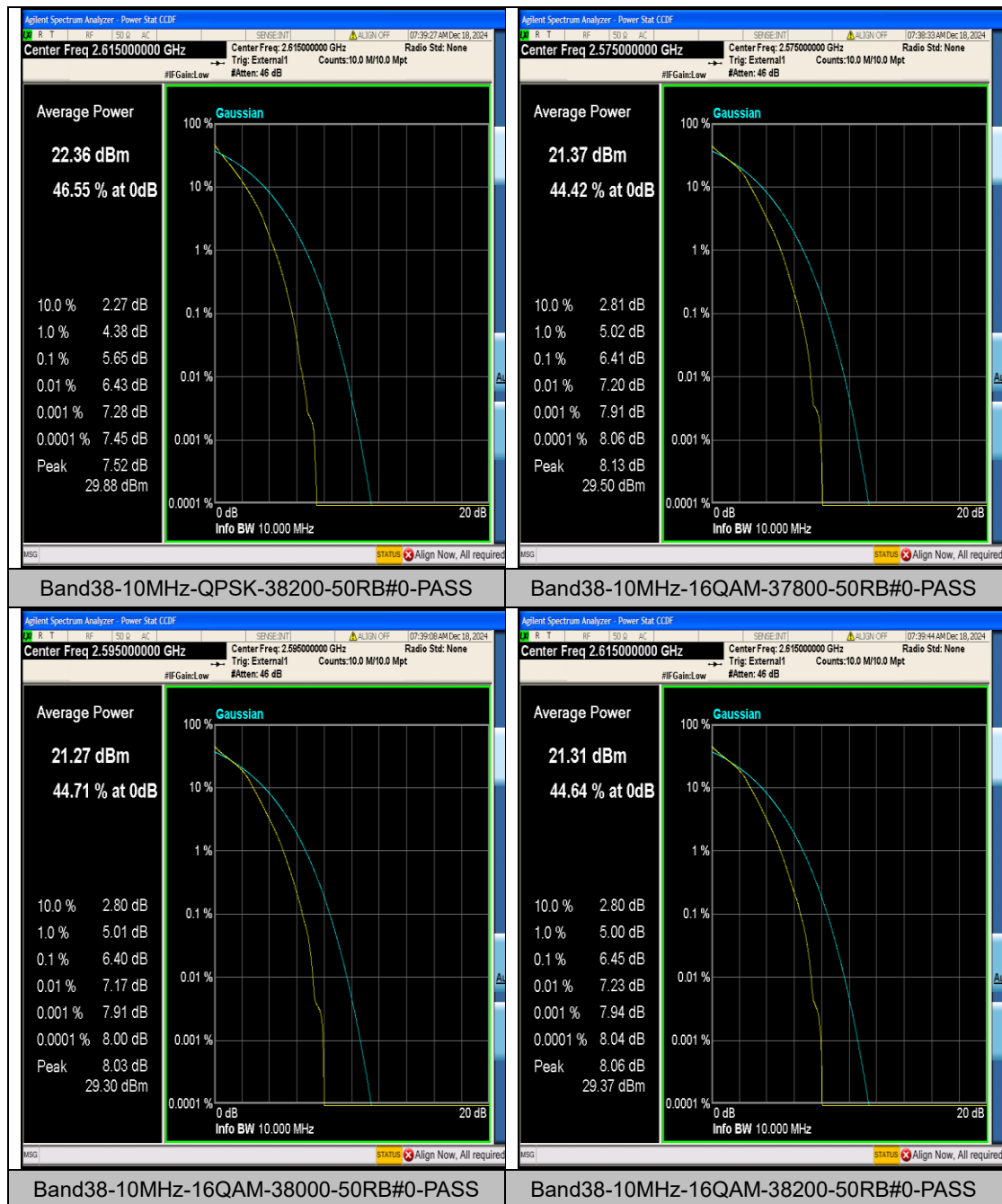
Test Result

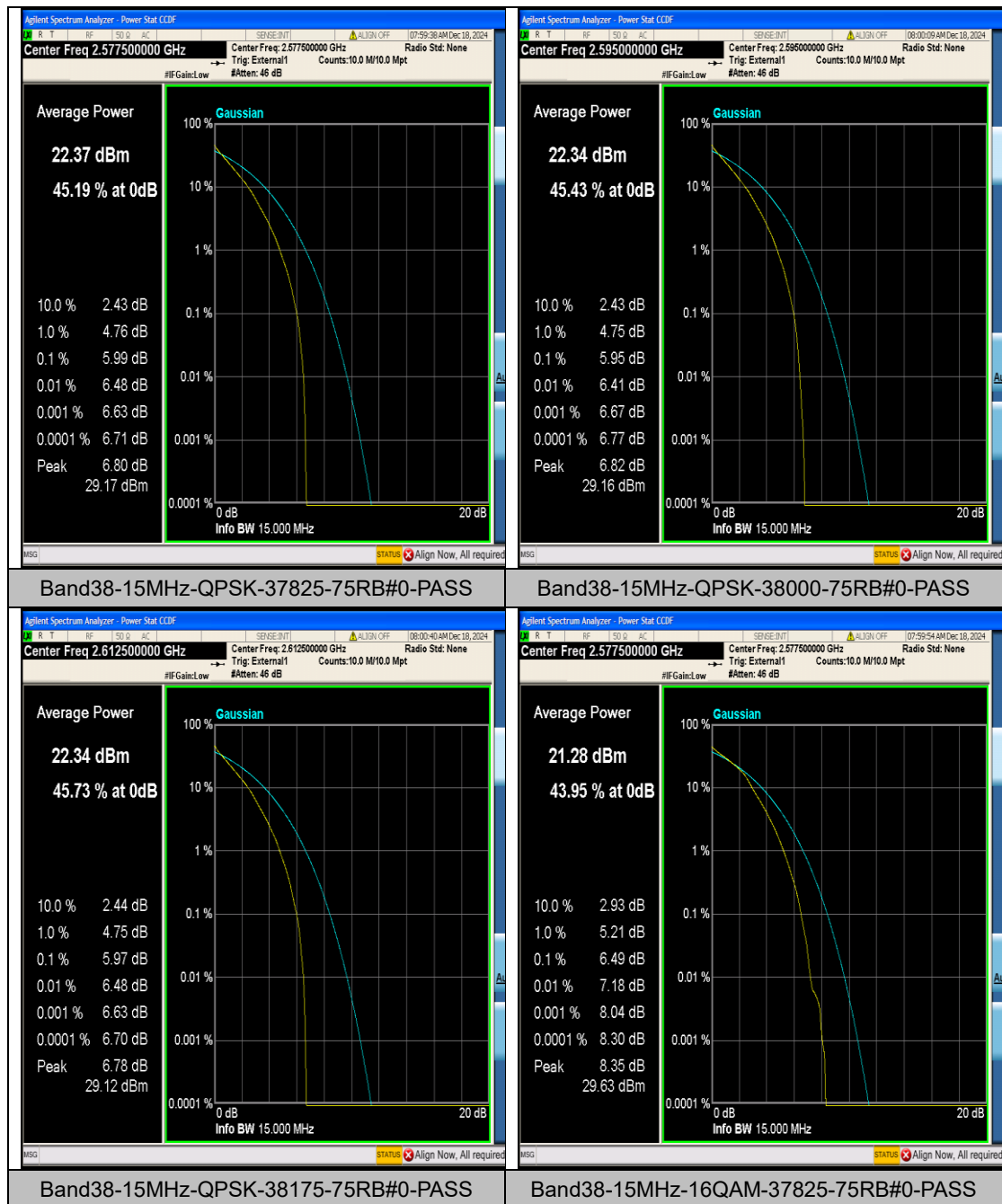
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.82	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.79	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.82	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.45	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.38	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.33	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.61	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.71	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.65	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.41	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.40	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.45	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.99	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.95	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.97	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.49	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.47	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.49	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.55	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.50	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.53	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.39	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.33	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.33	13	PASS

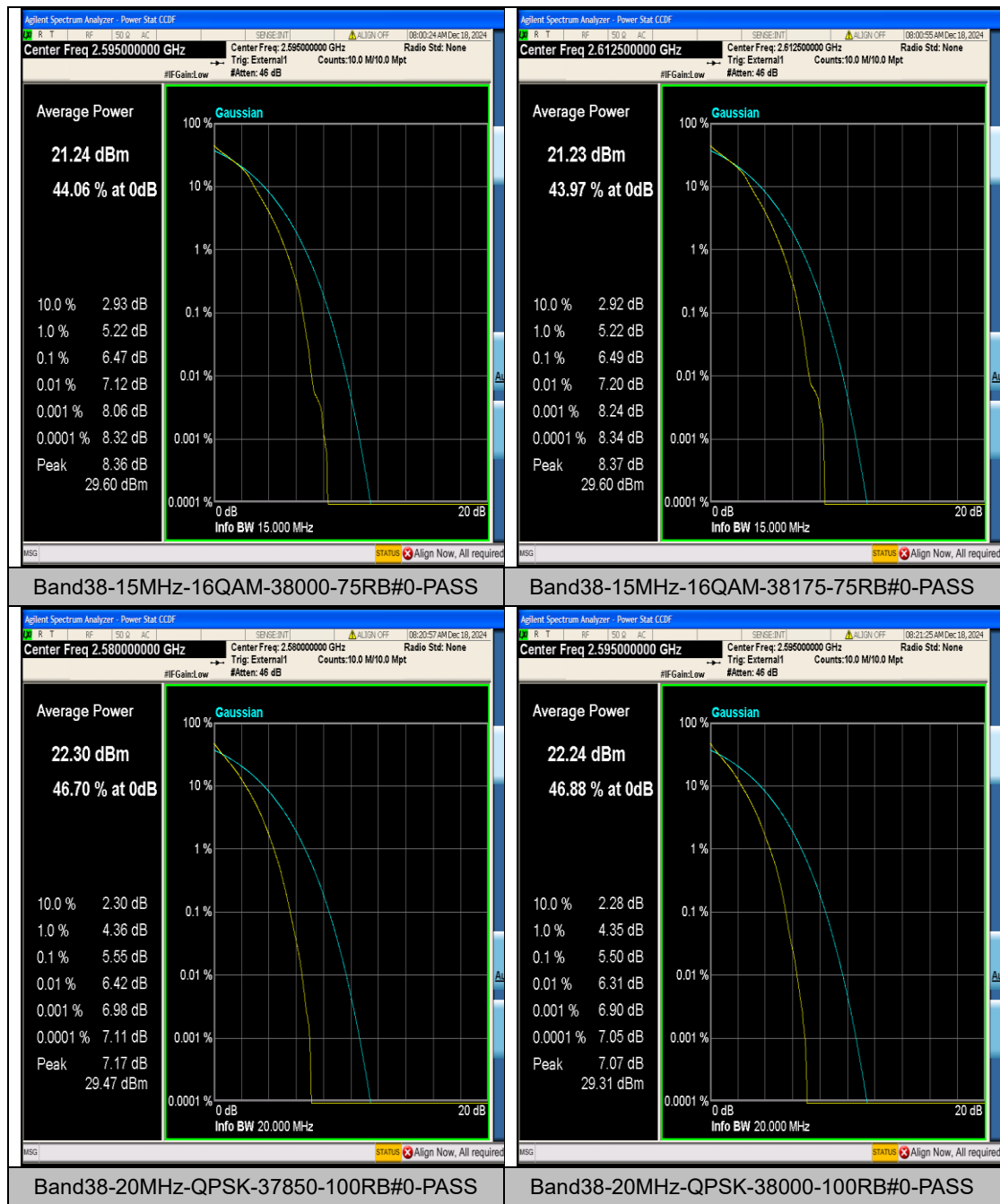
Test Graphs

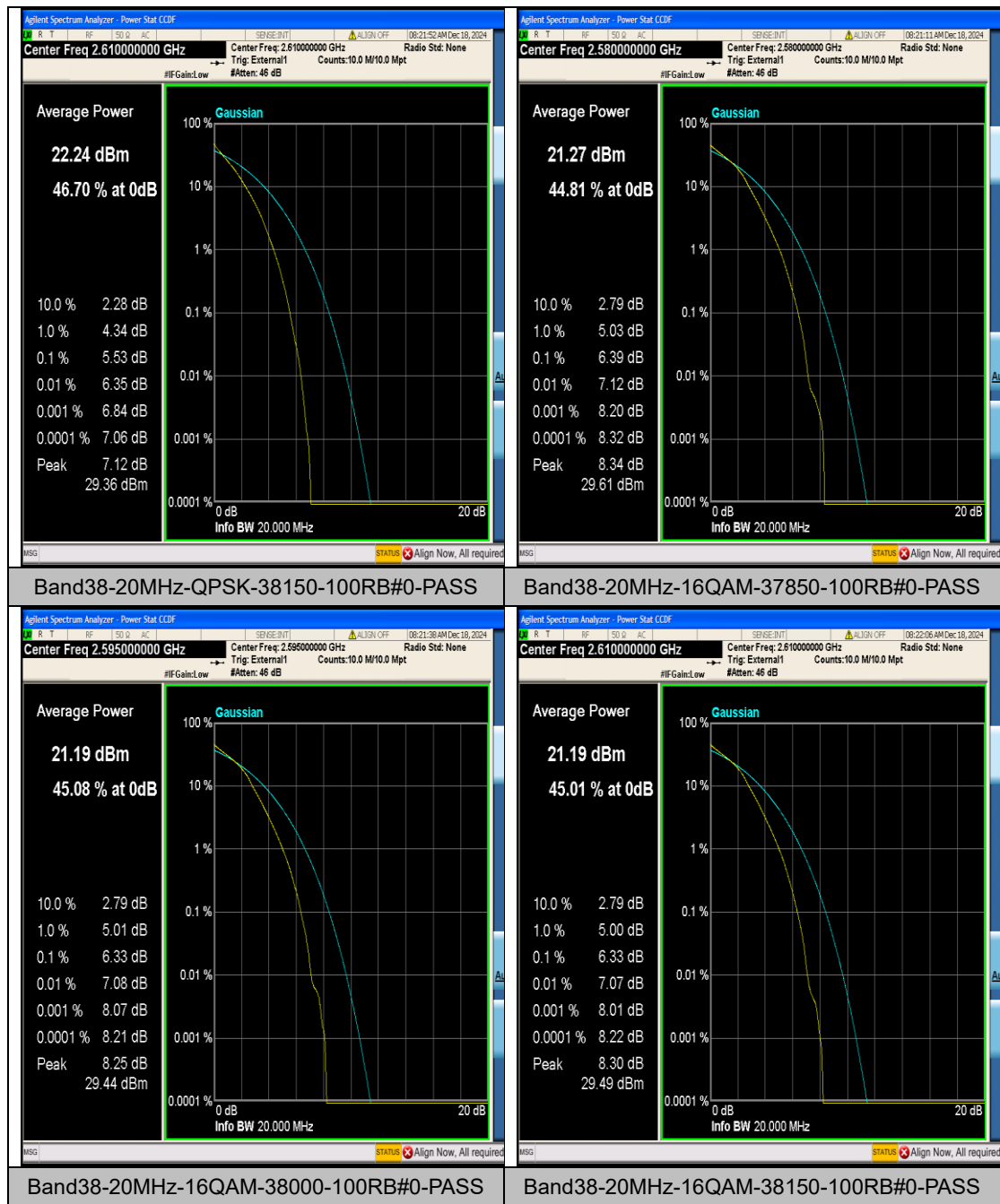










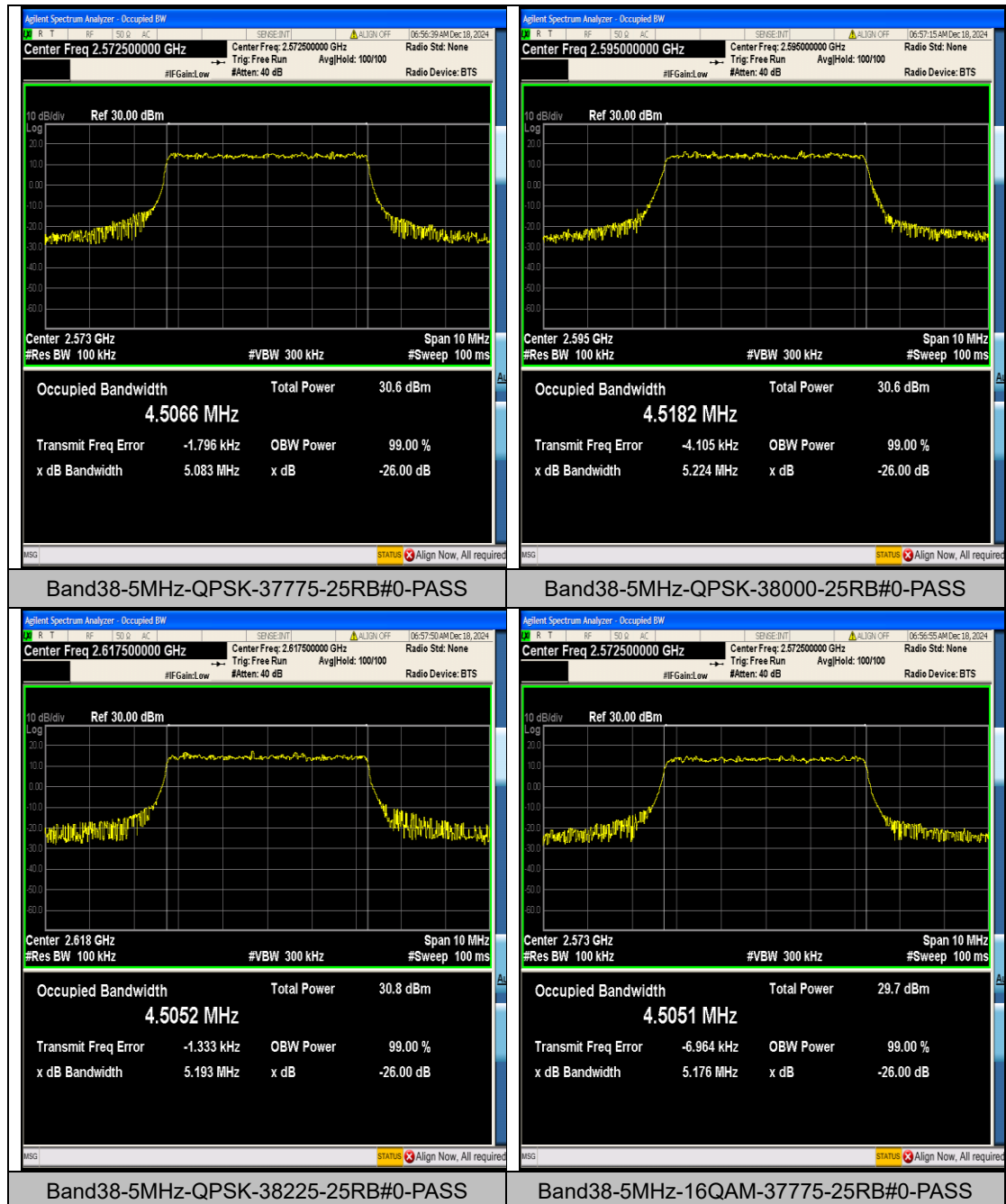


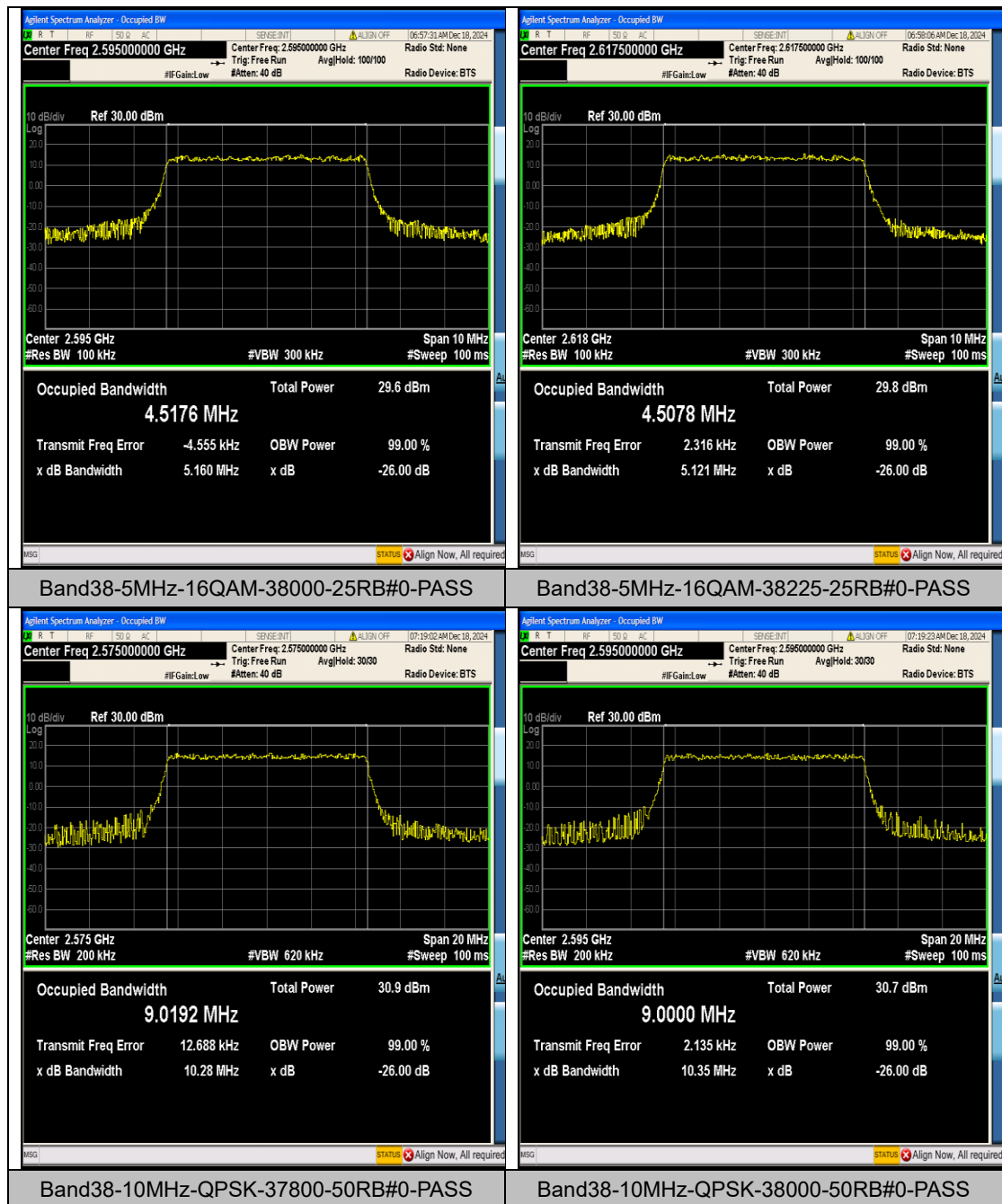
Appendix C: 26dB Bandwidth and Occupied Bandwidth

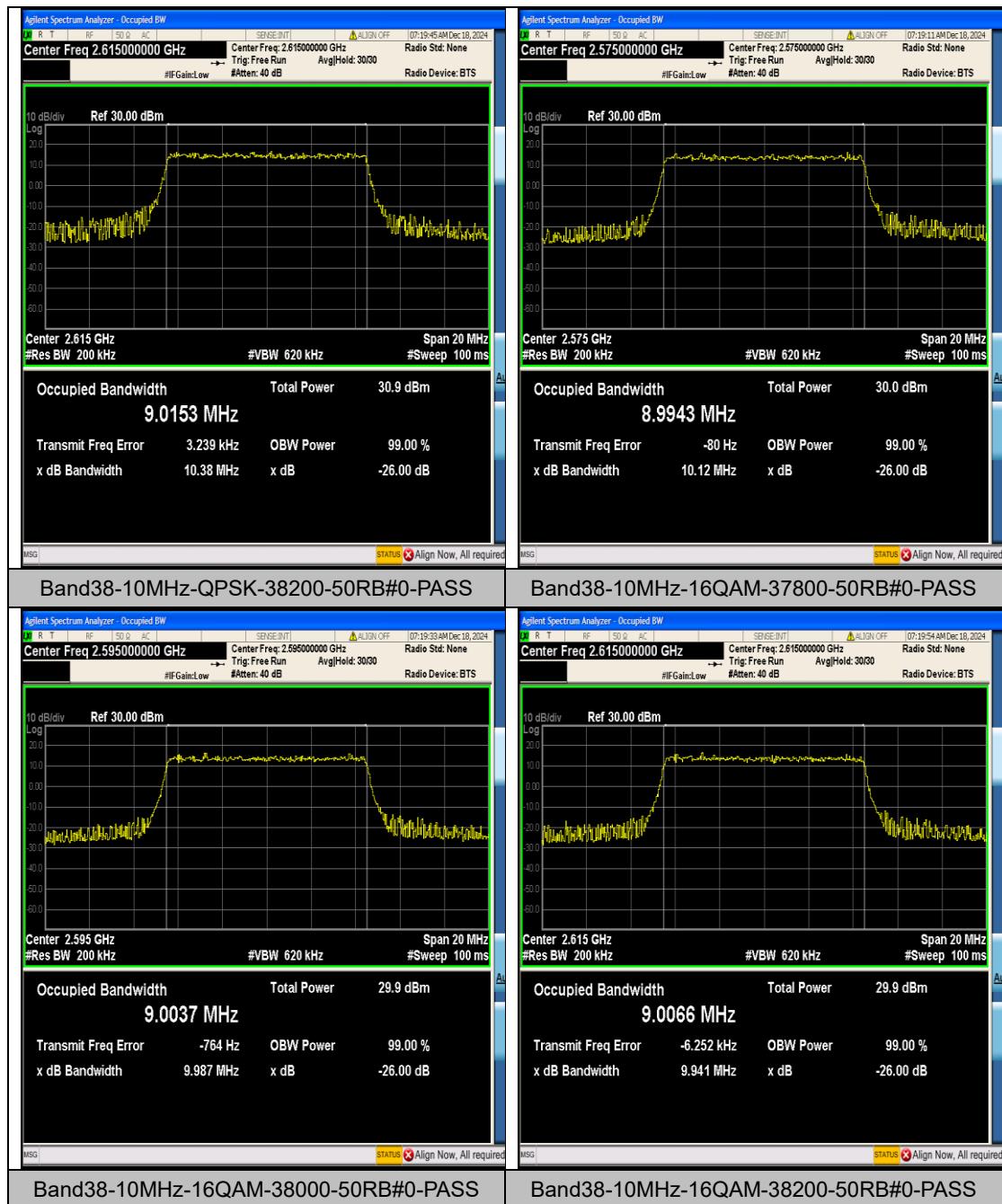
Test Result

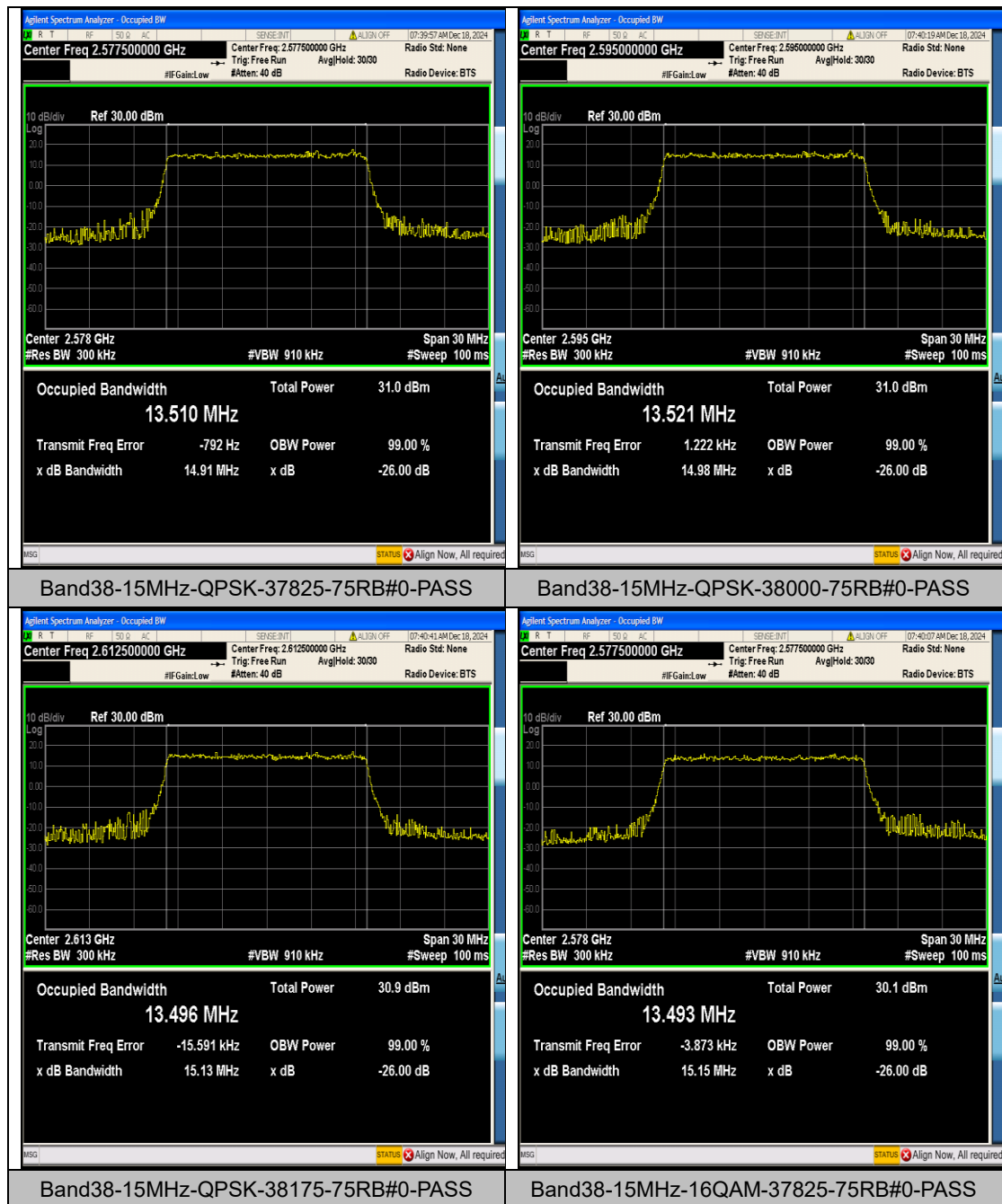
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5066	5.083	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5182	5.224	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5052	5.193	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5051	5.176	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5176	5.160	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5078	5.121	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0192	10.28	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0000	10.35	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0153	10.38	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9943	10.12	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0037	9.987	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0066	9.941	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.510	14.91	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.521	14.98	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.496	15.13	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.493	15.15	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.506	15.25	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.491	15.55	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.966	19.51	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.975	19.78	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.977	19.80	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.937	19.86	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.932	19.67	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.954	19.68	PASS

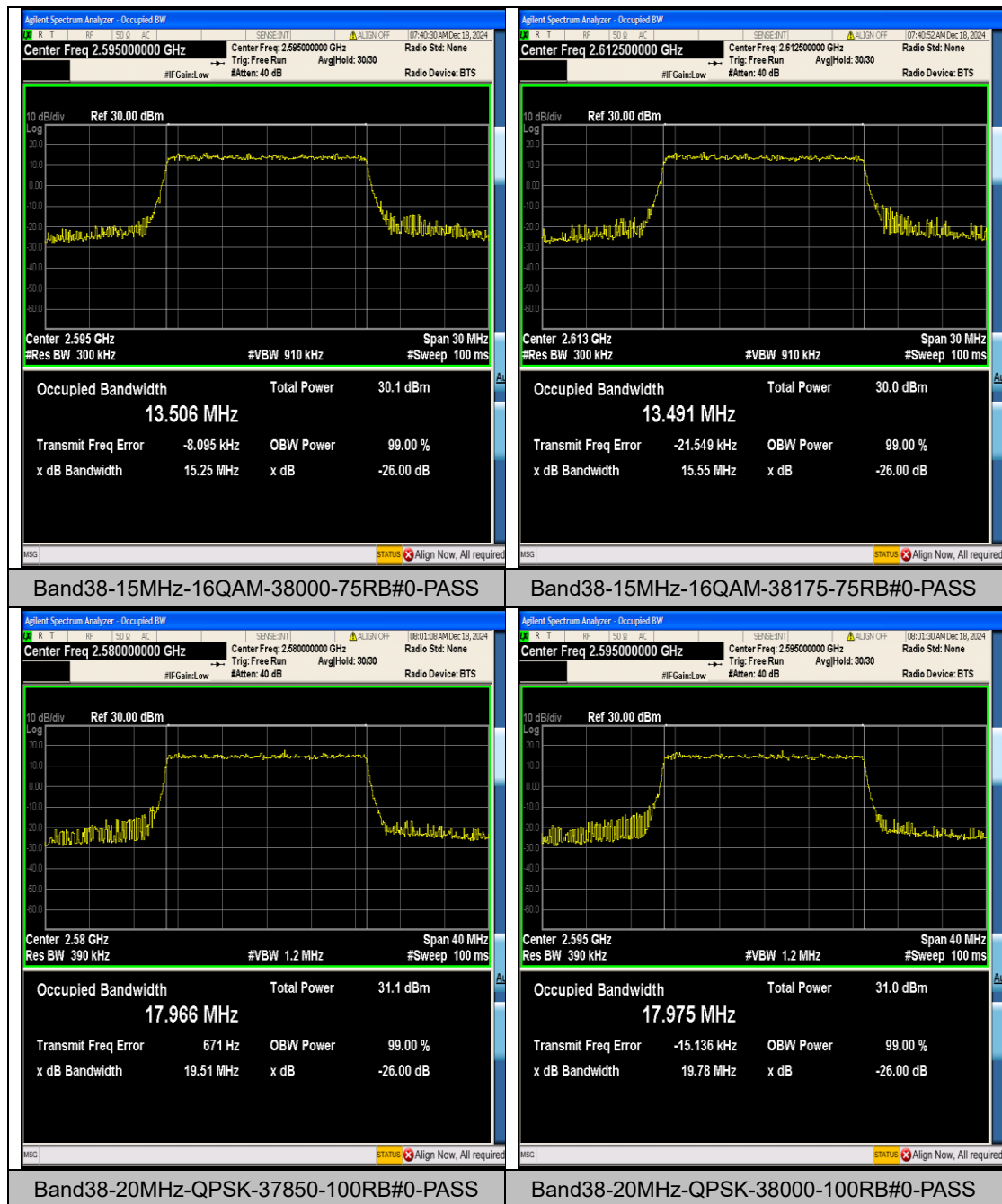
Test Graphs

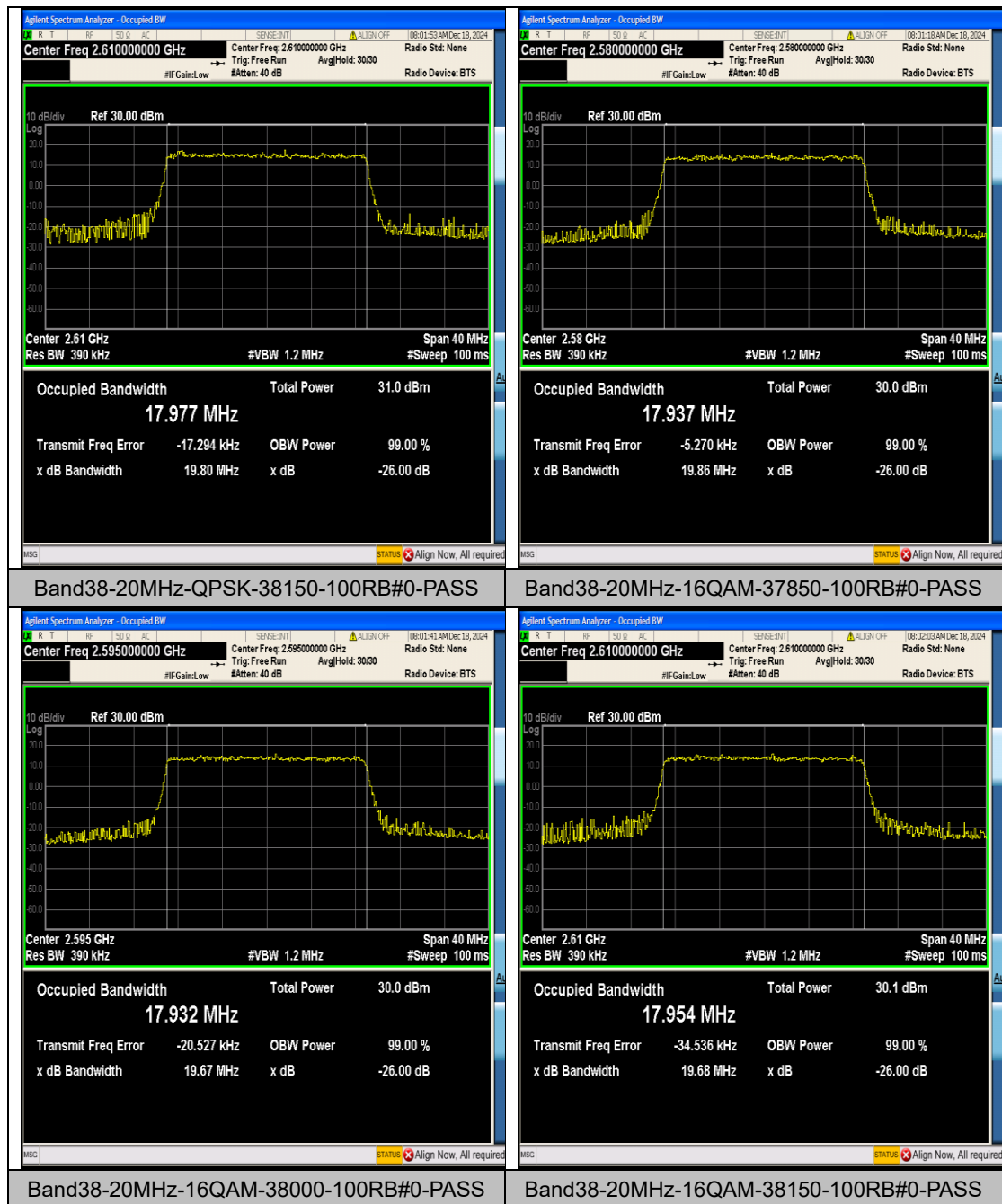










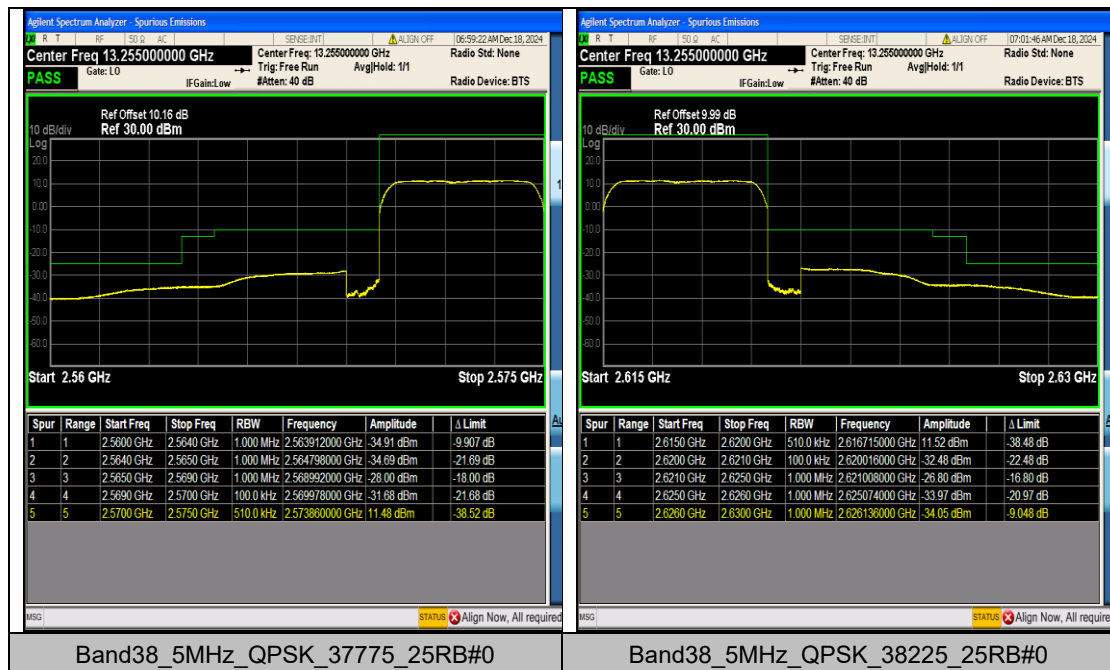


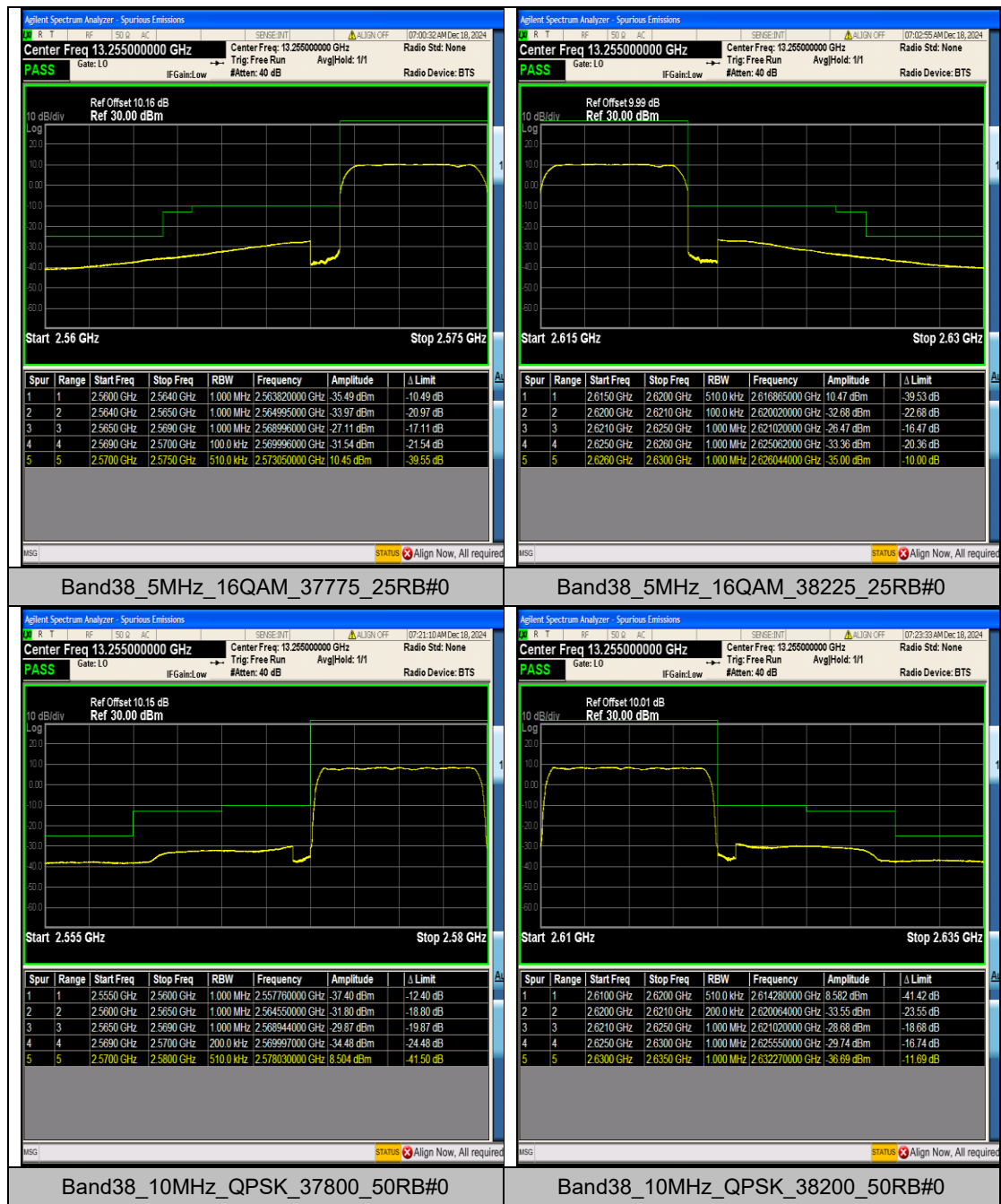
Appendix D: Band Edge

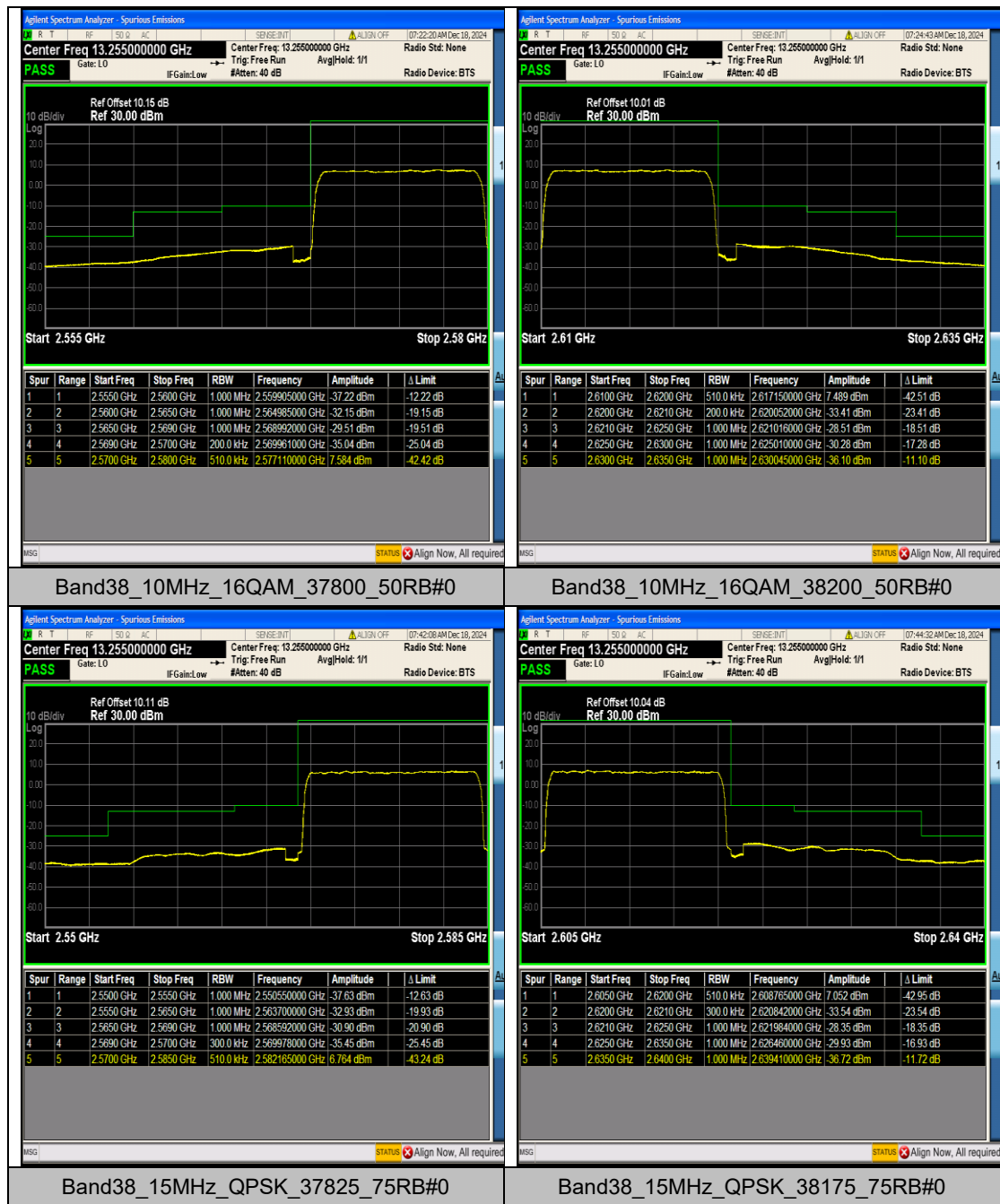
Test Result

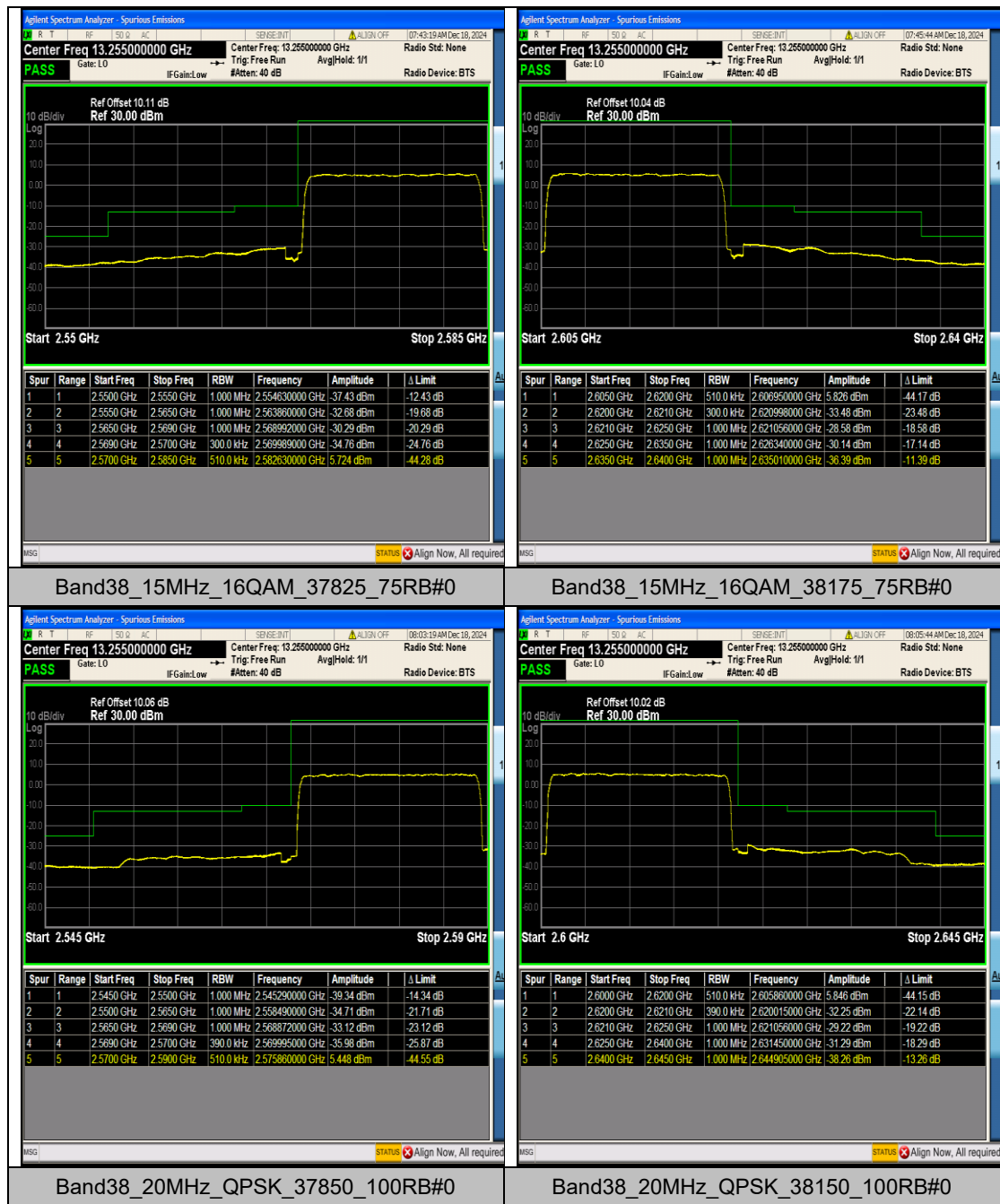
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-34.91	PASS
Band38	5MHz	QPSK	38225	25RB#0	-34.05	PASS
Band38	5MHz	16QAM	37775	25RB#0	-35.49	PASS
Band38	5MHz	16QAM	38225	25RB#0	-35.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	-37.40	PASS
Band38	10MHz	QPSK	38200	50RB#0	-36.69	PASS
Band38	10MHz	16QAM	37800	50RB#0	-37.22	PASS
Band38	10MHz	16QAM	38200	50RB#0	-36.10	PASS
Band38	15MHz	QPSK	37825	75RB#0	-37.63	PASS
Band38	15MHz	QPSK	38175	75RB#0	-36.72	PASS
Band38	15MHz	16QAM	37825	75RB#0	-37.43	PASS
Band38	15MHz	16QAM	38175	75RB#0	-36.39	PASS
Band38	20MHz	QPSK	37850	100RB#0	-39.34	PASS
Band38	20MHz	QPSK	38150	100RB#0	-38.26	PASS
Band38	20MHz	16QAM	37850	100RB#0	-39.27	PASS
Band38	20MHz	16QAM	38150	100RB#0	-38.21	PASS

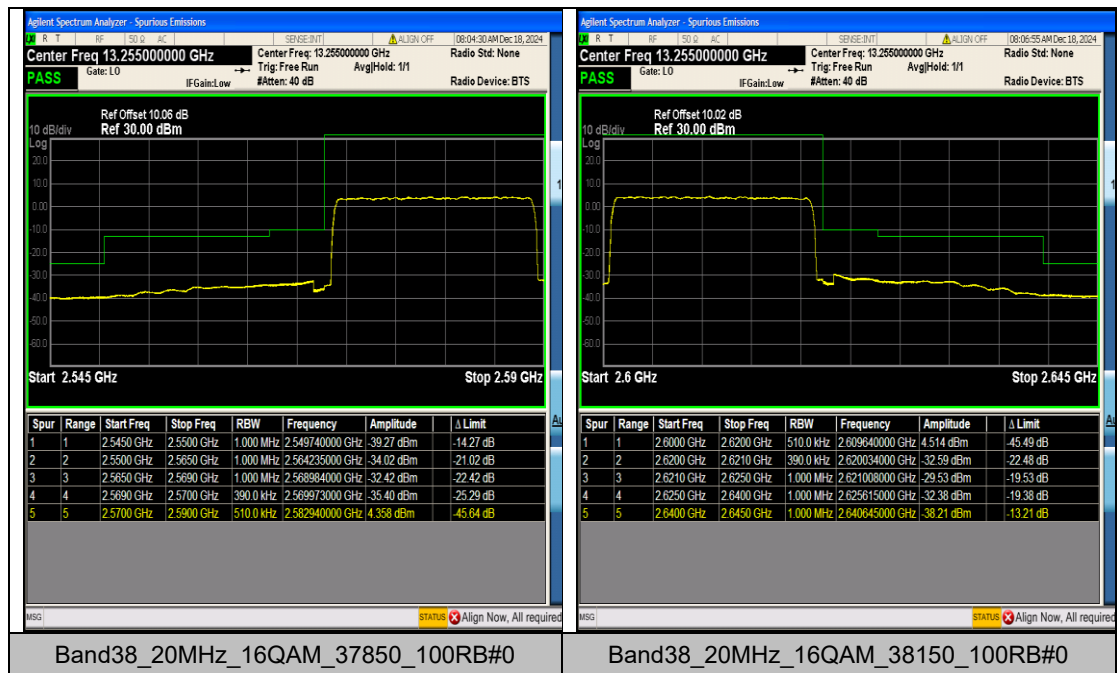
Test Graphs











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	-62.72	PASS
Band38	5MHz	QPSK	37775	25RB#0	0.15~30	-54.13	PASS
Band38	5MHz	QPSK	37775	25RB#0	30~1000	-61.95	PASS
Band38	5MHz	QPSK	37775	25RB#0	1000~20000	-34.74	PASS
Band38	5MHz	QPSK	37775	25RB#0	20000~27000	-32.10	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.009~0.15	-64.13	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.15~30	-54.02	PASS
Band38	5MHz	QPSK	38000	25RB#0	30~1000	-62.25	PASS
Band38	5MHz	QPSK	38000	25RB#0	1000~20000	-35.39	PASS
Band38	5MHz	QPSK	38000	25RB#0	20000~27000	-32.18	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.009~0.15	-63.88	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.15~30	-54.69	PASS
Band38	5MHz	QPSK	38225	25RB#0	30~1000	-62.19	PASS
Band38	5MHz	QPSK	38225	25RB#0	1000~20000	-34.29	PASS
Band38	5MHz	QPSK	38225	25RB#0	20000~27000	-32.29	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.009~0.15	-61.51	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.15~30	-54.95	PASS
Band38	5MHz	16QAM	37775	25RB#0	30~1000	-61.97	PASS
Band38	5MHz	16QAM	37775	25RB#0	1000~20000	-37.04	PASS
Band38	5MHz	16QAM	37775	25RB#0	20000~27000	-32.45	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.009~0.15	-62.99	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.15~30	-54.39	PASS
Band38	5MHz	16QAM	38000	25RB#0	30~1000	-61.98	PASS
Band38	5MHz	16QAM	38000	25RB#0	1000~20000	-37.11	PASS
Band38	5MHz	16QAM	38000	25RB#0	20000~27000	-32.25	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.009~0.15	-63.98	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.15~30	-56.26	PASS
Band38	5MHz	16QAM	38225	25RB#0	30~1000	-62.06	PASS
Band38	5MHz	16QAM	38225	25RB#0	1000~20000	-36.38	PASS
Band38	5MHz	16QAM	38225	25RB#0	20000~27000	-32.10	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.009~0.15	-59.12	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.15~30	-56.44	PASS
Band38	10MHz	QPSK	37800	50RB#0	30~1000	-61.70	PASS
Band38	10MHz	QPSK	37800	50RB#0	1000~20000	-37.60	PASS
Band38	10MHz	QPSK	37800	50RB#0	20000~27000	-31.91	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.009~0.15	-62.37	PASS

Band38	10MHz	QPSK	38000	50RB#0	0.15~30	-56.06	PASS
Band38	10MHz	QPSK	38000	50RB#0	30~1000	-61.31	PASS
Band38	10MHz	QPSK	38000	50RB#0	1000~20000	-38.28	PASS
Band38	10MHz	QPSK	38000	50RB#0	20000~27000	-31.85	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.009~0.15	-63.15	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.15~30	-54.75	PASS
Band38	10MHz	QPSK	38200	50RB#0	30~1000	-61.63	PASS
Band38	10MHz	QPSK	38200	50RB#0	1000~20000	-36.66	PASS
Band38	10MHz	QPSK	38200	50RB#0	20000~27000	-31.74	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.009~0.15	-60.80	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.15~30	-55.24	PASS
Band38	10MHz	16QAM	37800	50RB#0	30~1000	-61.70	PASS
Band38	10MHz	16QAM	37800	50RB#0	1000~20000	-38.42	PASS
Band38	10MHz	16QAM	37800	50RB#0	20000~27000	-32.02	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.009~0.15	-64.29	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.15~30	-54.46	PASS
Band38	10MHz	16QAM	38000	50RB#0	30~1000	-61.96	PASS
Band38	10MHz	16QAM	38000	50RB#0	1000~20000	-38.36	PASS
Band38	10MHz	16QAM	38000	50RB#0	20000~27000	-31.97	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.009~0.15	-63.64	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.15~30	-57.40	PASS
Band38	10MHz	16QAM	38200	50RB#0	30~1000	-62.17	PASS
Band38	10MHz	16QAM	38200	50RB#0	1000~20000	-37.96	PASS
Band38	10MHz	16QAM	38200	50RB#0	20000~27000	-32.09	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.009~0.15	-64.80	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.15~30	-54.16	PASS
Band38	15MHz	QPSK	37825	75RB#0	30~1000	-61.77	PASS
Band38	15MHz	QPSK	37825	75RB#0	1000~20000	-38.43	PASS
Band38	15MHz	QPSK	37825	75RB#0	20000~27000	-32.07	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.009~0.15	-64.99	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.15~30	-55.42	PASS
Band38	15MHz	QPSK	38000	75RB#0	30~1000	-61.88	PASS
Band38	15MHz	QPSK	38000	75RB#0	1000~20000	-38.25	PASS
Band38	15MHz	QPSK	38000	75RB#0	20000~27000	-32.08	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.009~0.15	-63.88	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.15~30	-53.67	PASS
Band38	15MHz	QPSK	38175	75RB#0	30~1000	-61.83	PASS
Band38	15MHz	QPSK	38175	75RB#0	1000~20000	-35.49	PASS
Band38	15MHz	QPSK	38175	75RB#0	20000~27000	-31.83	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.009~0.15	-63.07	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.15~30	-54.62	PASS
Band38	15MHz	16QAM	37825	75RB#0	30~1000	-62.01	PASS
Band38	15MHz	16QAM	37825	75RB#0	1000~20000	-38.57	PASS

Band38	15MHz	16QAM	37825	75RB#0	20000~27000	-31.67	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.009~0.15	-63.05	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.15~30	-54.06	PASS
Band38	15MHz	16QAM	38000	75RB#0	30~1000	-61.87	PASS
Band38	15MHz	16QAM	38000	75RB#0	1000~20000	-38.79	PASS
Band38	15MHz	16QAM	38000	75RB#0	20000~27000	-32.03	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.009~0.15	-62.47	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.15~30	-55.99	PASS
Band38	15MHz	16QAM	38175	75RB#0	30~1000	-61.89	PASS
Band38	15MHz	16QAM	38175	75RB#0	1000~20000	-36.82	PASS
Band38	15MHz	16QAM	38175	75RB#0	20000~27000	-31.88	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.009~0.15	-64.12	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.15~30	-53.45	PASS
Band38	20MHz	QPSK	37850	100RB#0	30~1000	-61.89	PASS
Band38	20MHz	QPSK	37850	100RB#0	1000~20000	-38.47	PASS
Band38	20MHz	QPSK	37850	100RB#0	20000~27000	-32.11	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.009~0.15	-62.82	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.15~30	-54.80	PASS
Band38	20MHz	QPSK	38000	100RB#0	30~1000	-61.89	PASS
Band38	20MHz	QPSK	38000	100RB#0	1000~20000	-38.67	PASS
Band38	20MHz	QPSK	38000	100RB#0	20000~27000	-32.04	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.009~0.15	-65.52	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.15~30	-53.80	PASS
Band38	20MHz	QPSK	38150	100RB#0	30~1000	-61.80	PASS
Band38	20MHz	QPSK	38150	100RB#0	1000~20000	-38.29	PASS
Band38	20MHz	QPSK	38150	100RB#0	20000~27000	-31.96	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.009~0.15	-61.80	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.15~30	-53.37	PASS
Band38	20MHz	16QAM	37850	100RB#0	30~1000	-61.40	PASS
Band38	20MHz	16QAM	37850	100RB#0	1000~20000	-38.62	PASS
Band38	20MHz	16QAM	37850	100RB#0	20000~27000	-32.08	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.009~0.15	-60.33	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.15~30	-53.54	PASS
Band38	20MHz	16QAM	38000	100RB#0	30~1000	-61.76	PASS
Band38	20MHz	16QAM	38000	100RB#0	1000~20000	-38.46	PASS
Band38	20MHz	16QAM	38000	100RB#0	20000~27000	-32.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.009~0.15	-64.29	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.15~30	-53.88	PASS
Band38	20MHz	16QAM	38150	100RB#0	30~1000	-61.96	PASS
Band38	20MHz	16QAM	38150	100RB#0	1000~20000	-38.36	PASS
Band38	20MHz	16QAM	38150	100RB#0	20000~27000	-31.96	PASS

Test Graphs

