

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

Reviewed By : Eric Wang

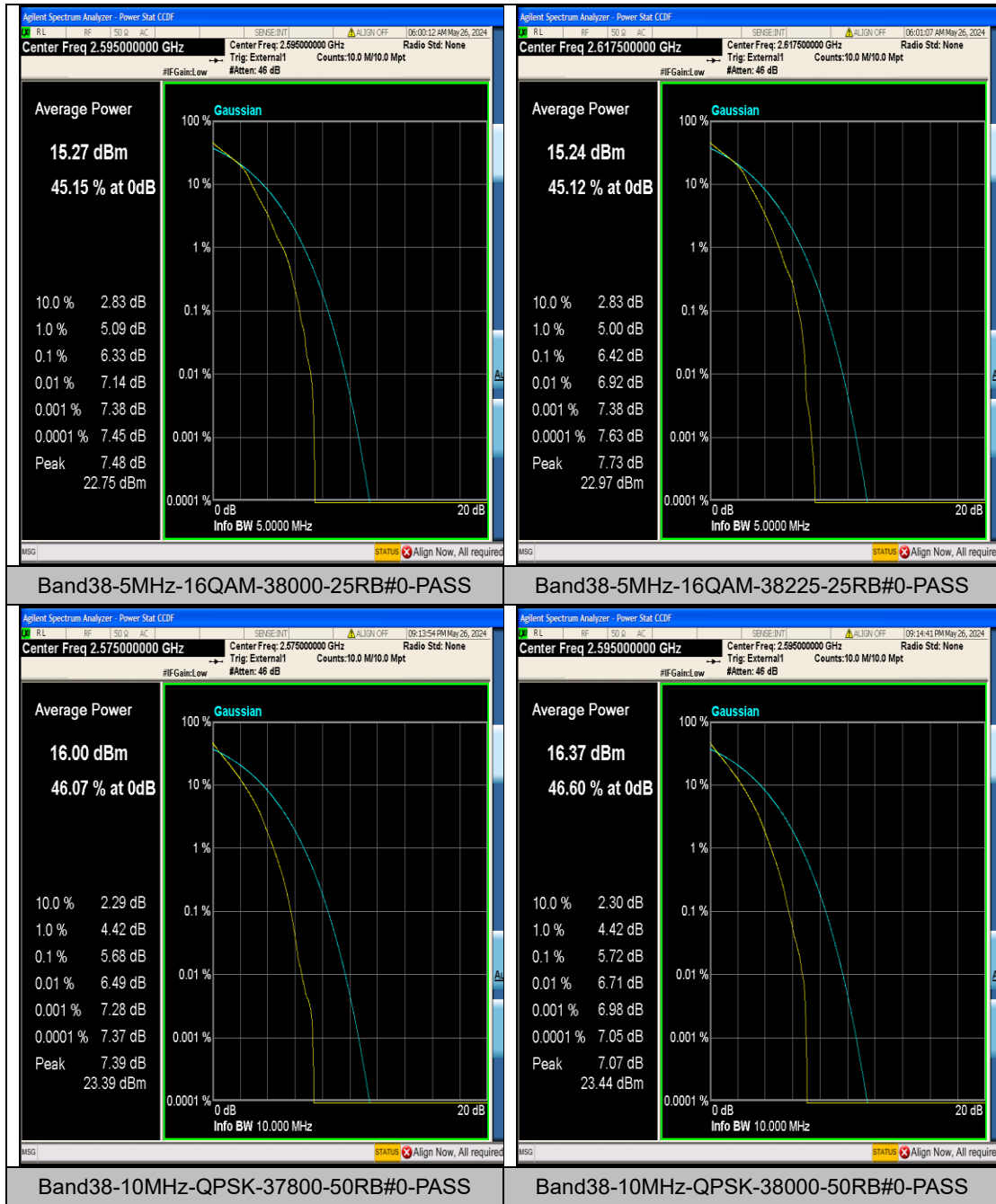
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.87	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.75	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.87	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.49	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.33	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.42	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.68	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.72	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.58	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.40	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.45	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.36	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	6.01	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.99	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.95	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.56	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.45	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.48	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.53	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.62	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.53	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.37	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.46	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.36	13	PASS

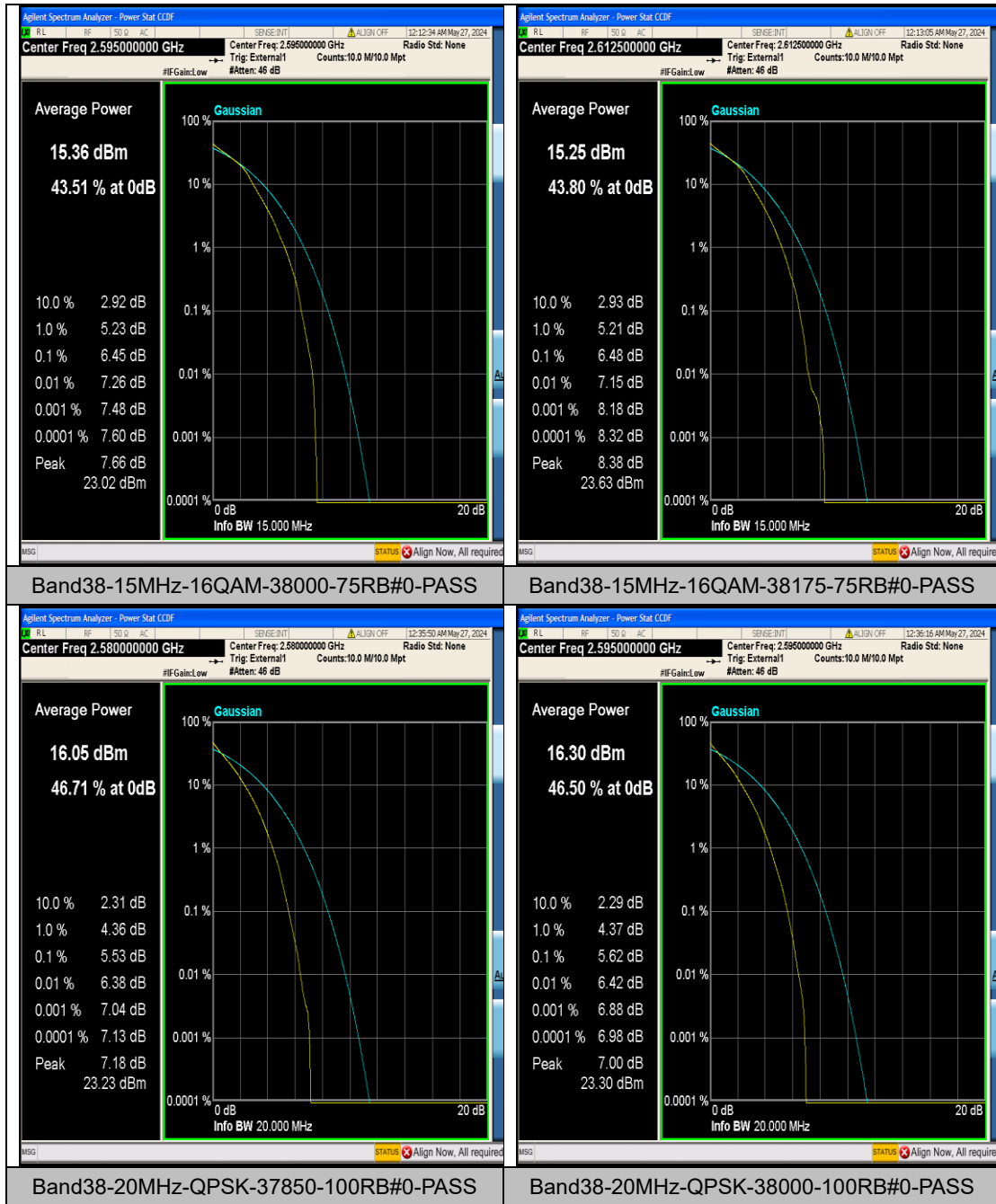
Test Graphs











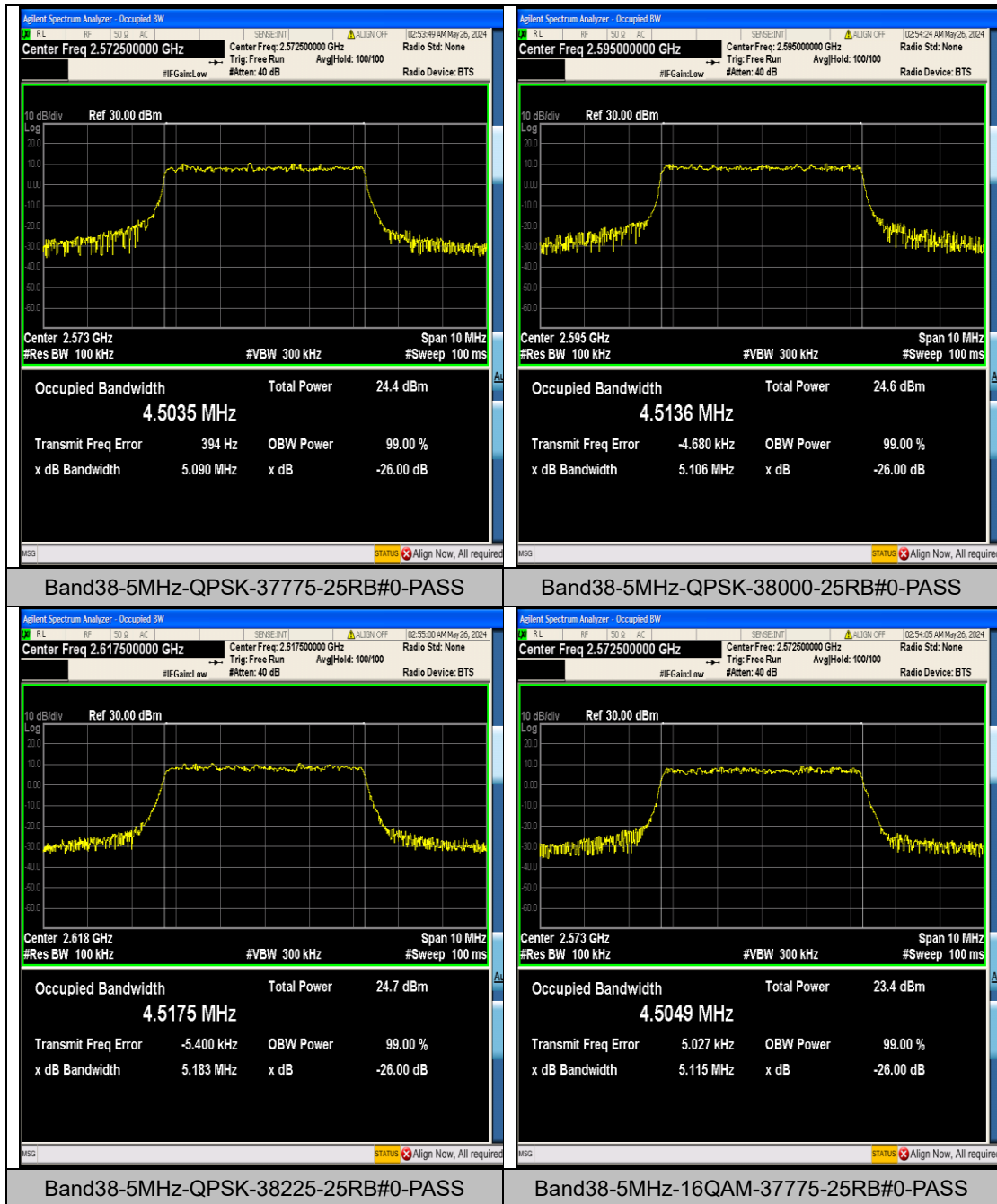


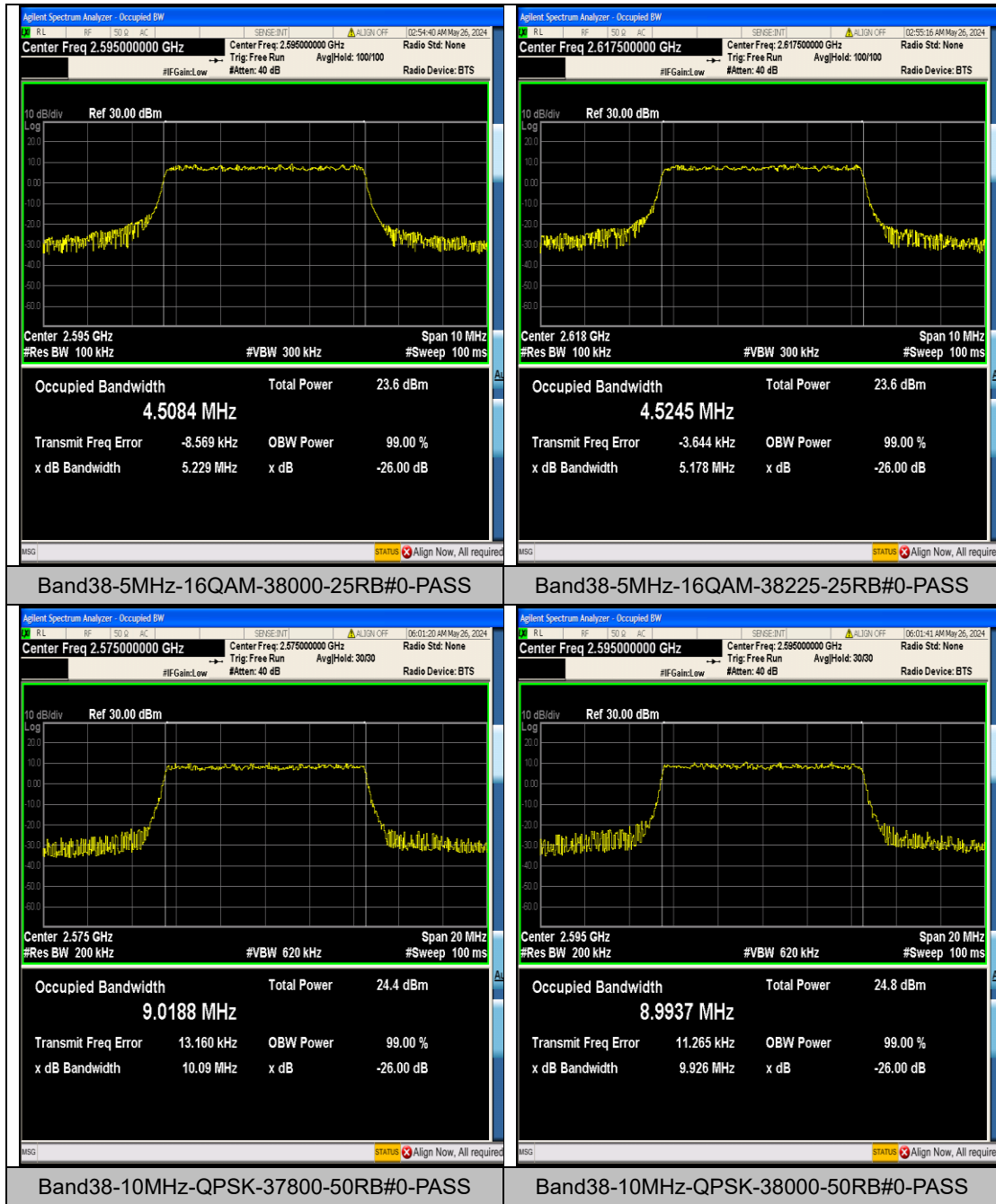
Appendix C: 26dB Bandwidth and Occupied Bandwidth

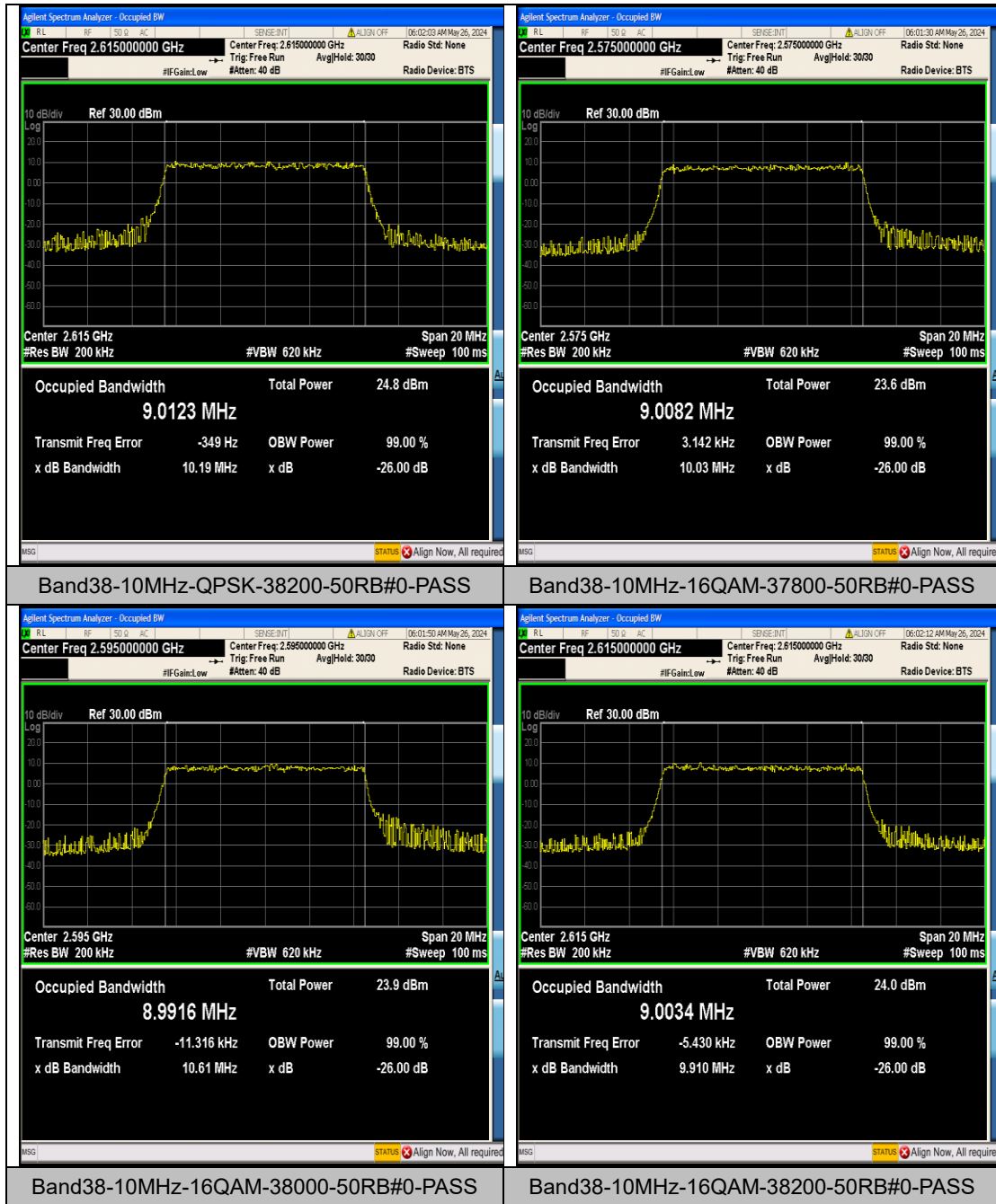
Test Result

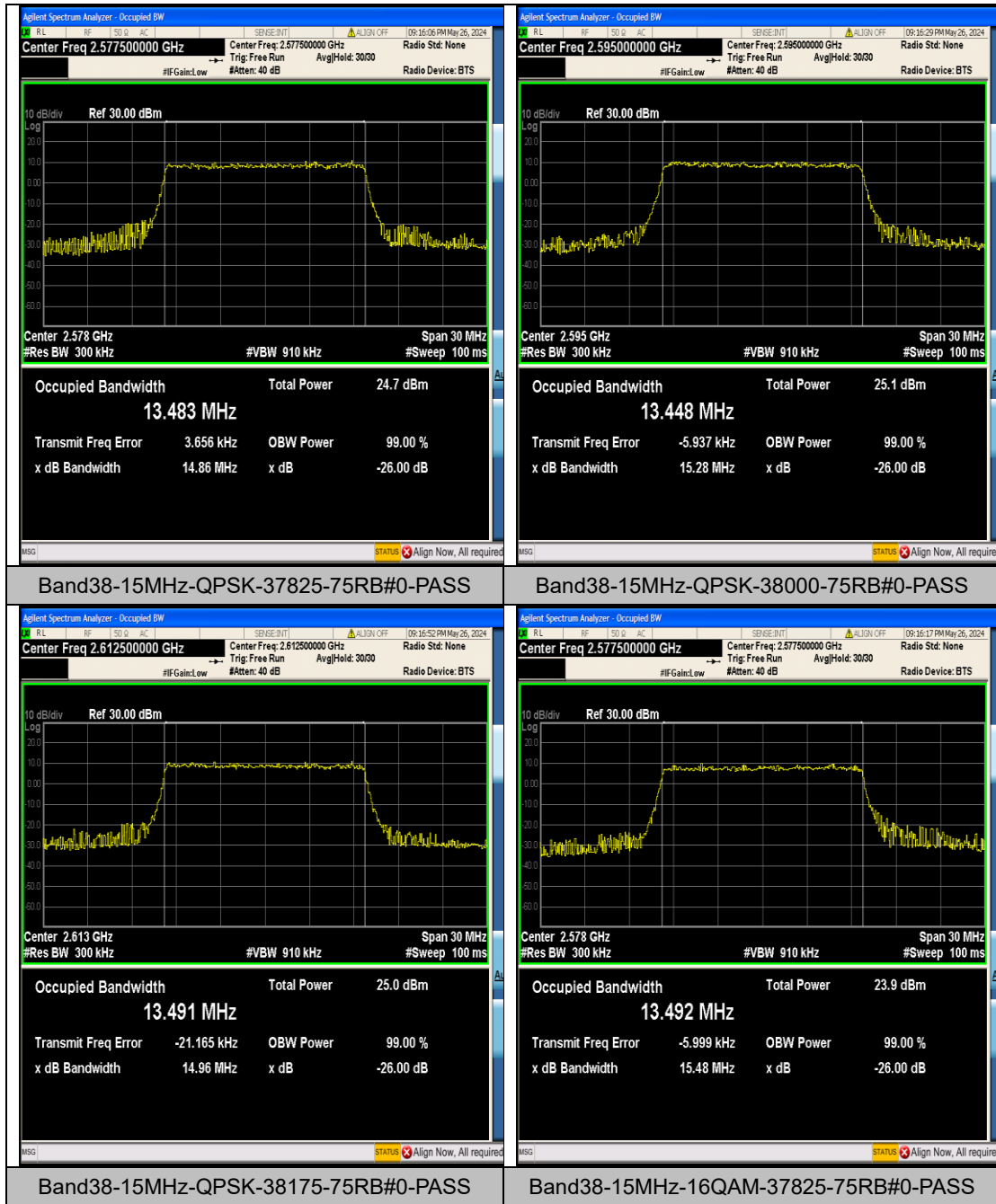
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5035	5.090	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5136	5.106	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5175	5.183	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5049	5.115	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5084	5.229	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5245	5.178	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0188	10.09	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9937	9.926	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0123	10.19	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0082	10.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9916	10.61	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.0034	9.910	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.483	14.86	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.448	15.28	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.491	14.96	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.492	15.48	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.545	15.36	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.498	15.57	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.961	19.47	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.897	19.86	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.007	19.68	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.926	19.80	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.920	19.55	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.934	19.64	PASS

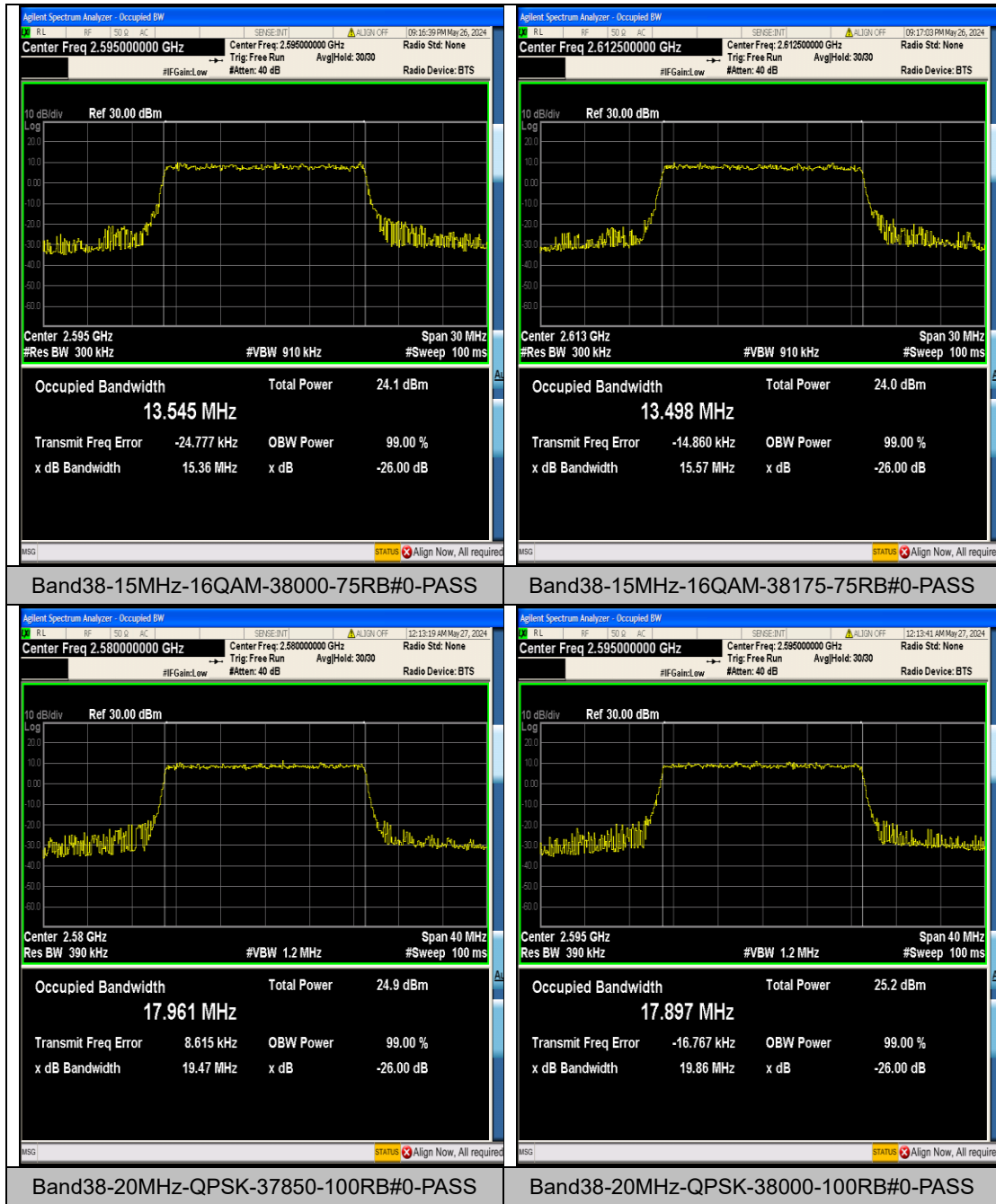
Test Graphs

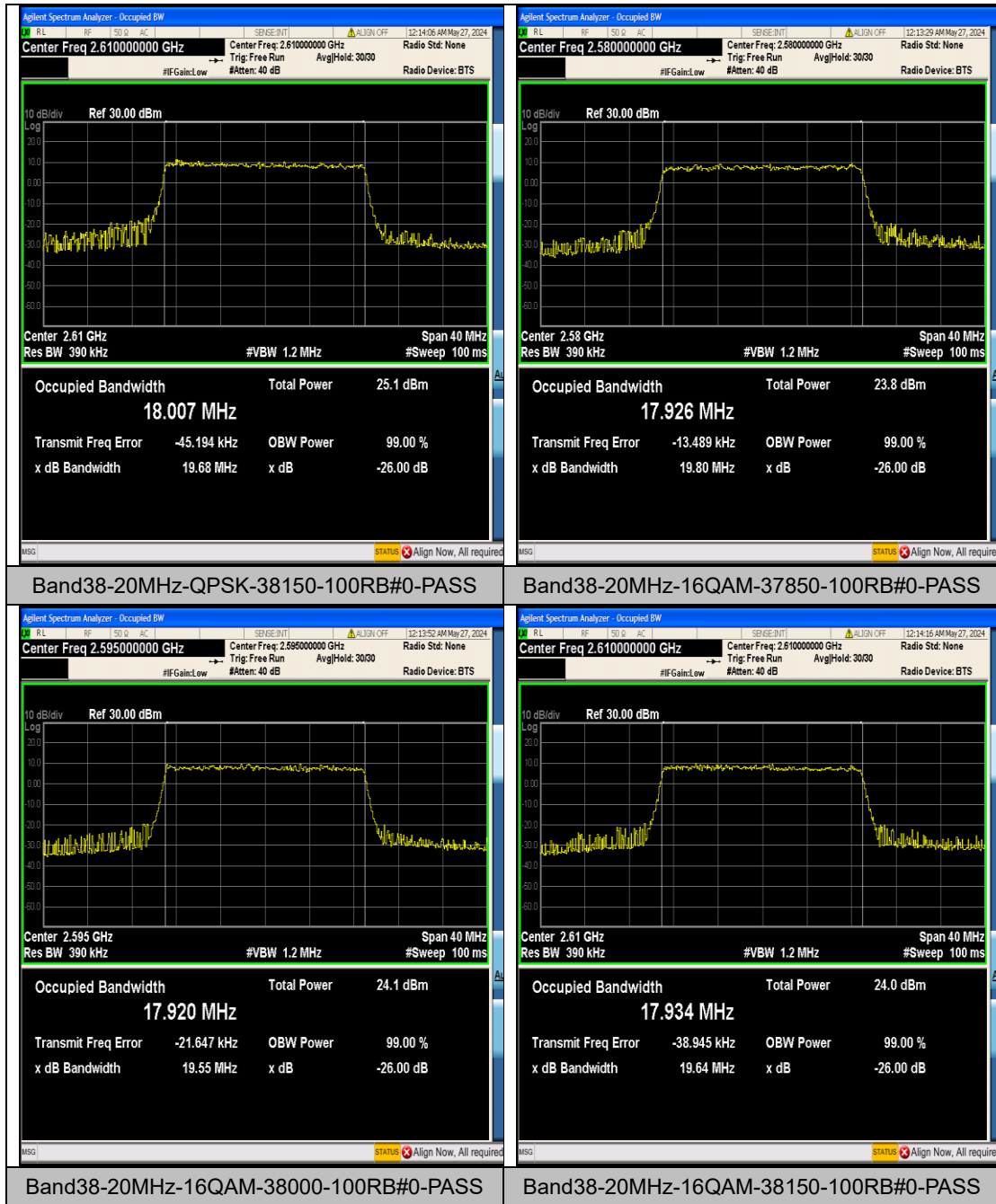










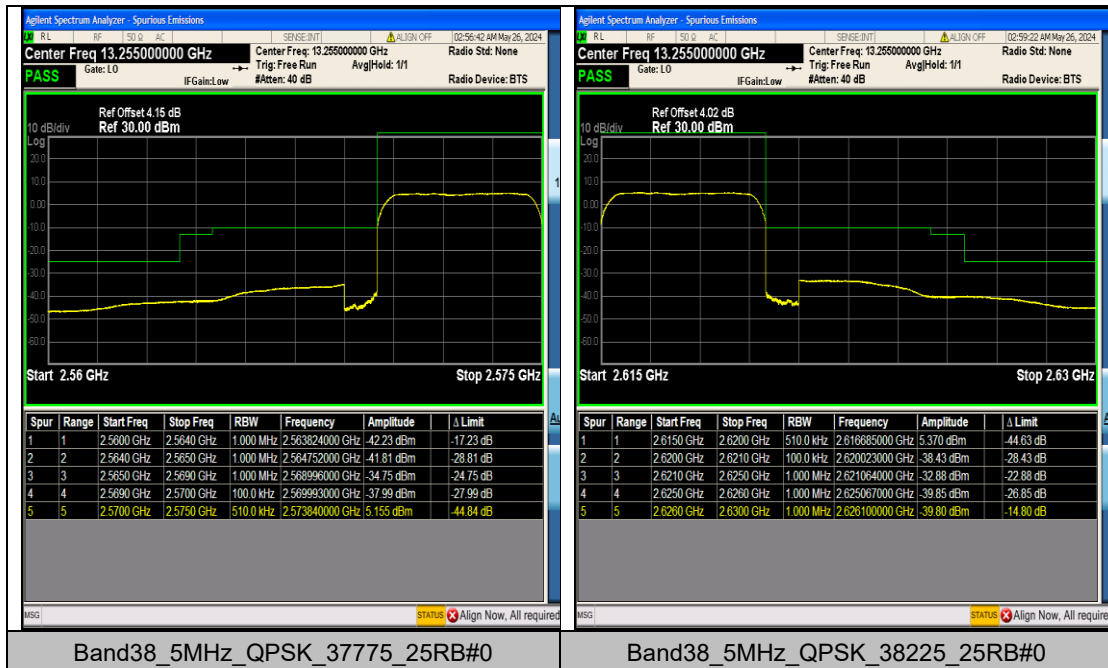


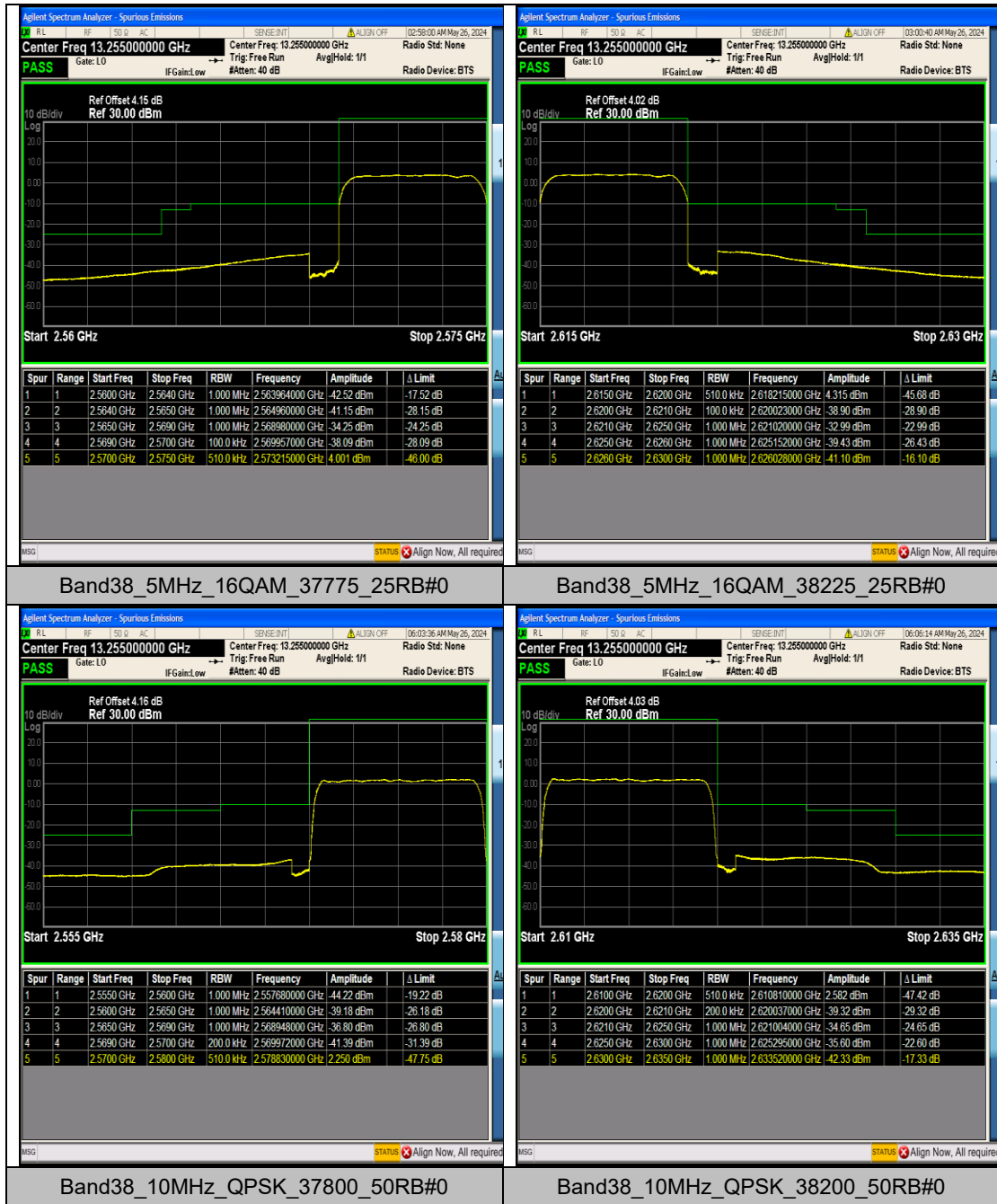
Appendix D: Band Edge

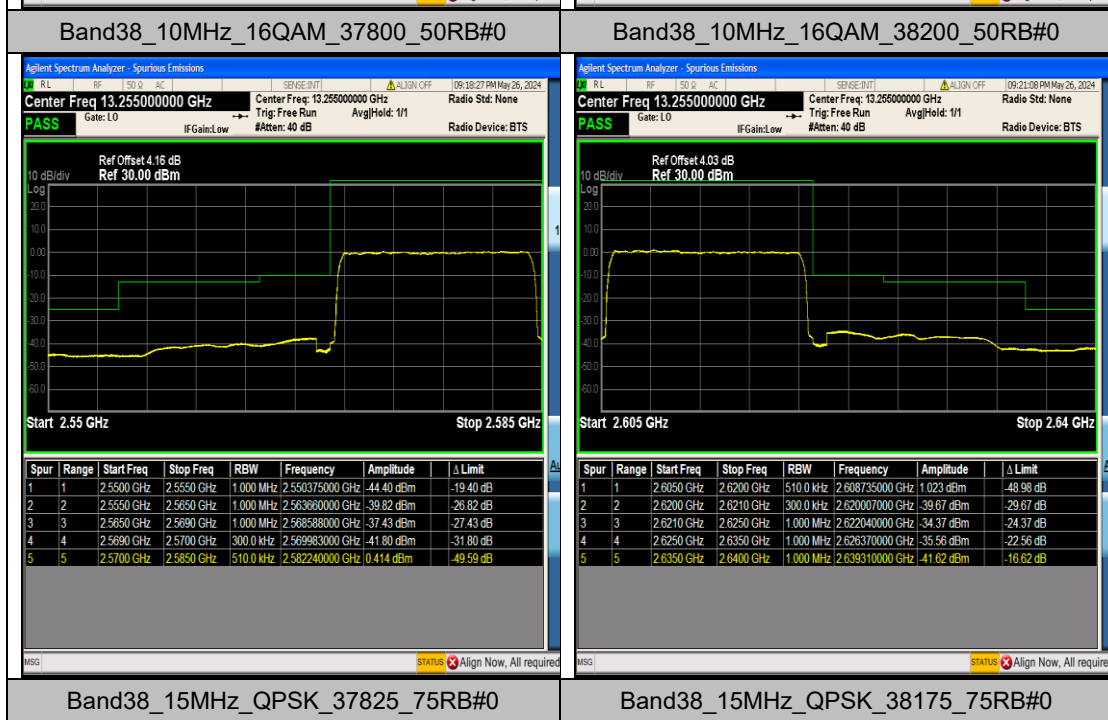
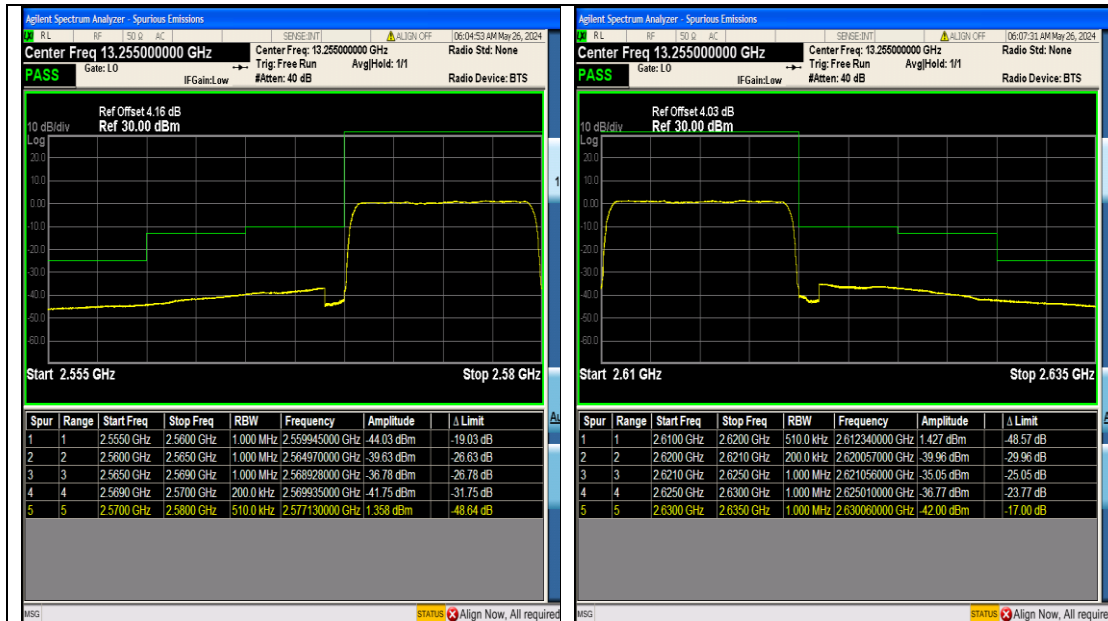
Test Result

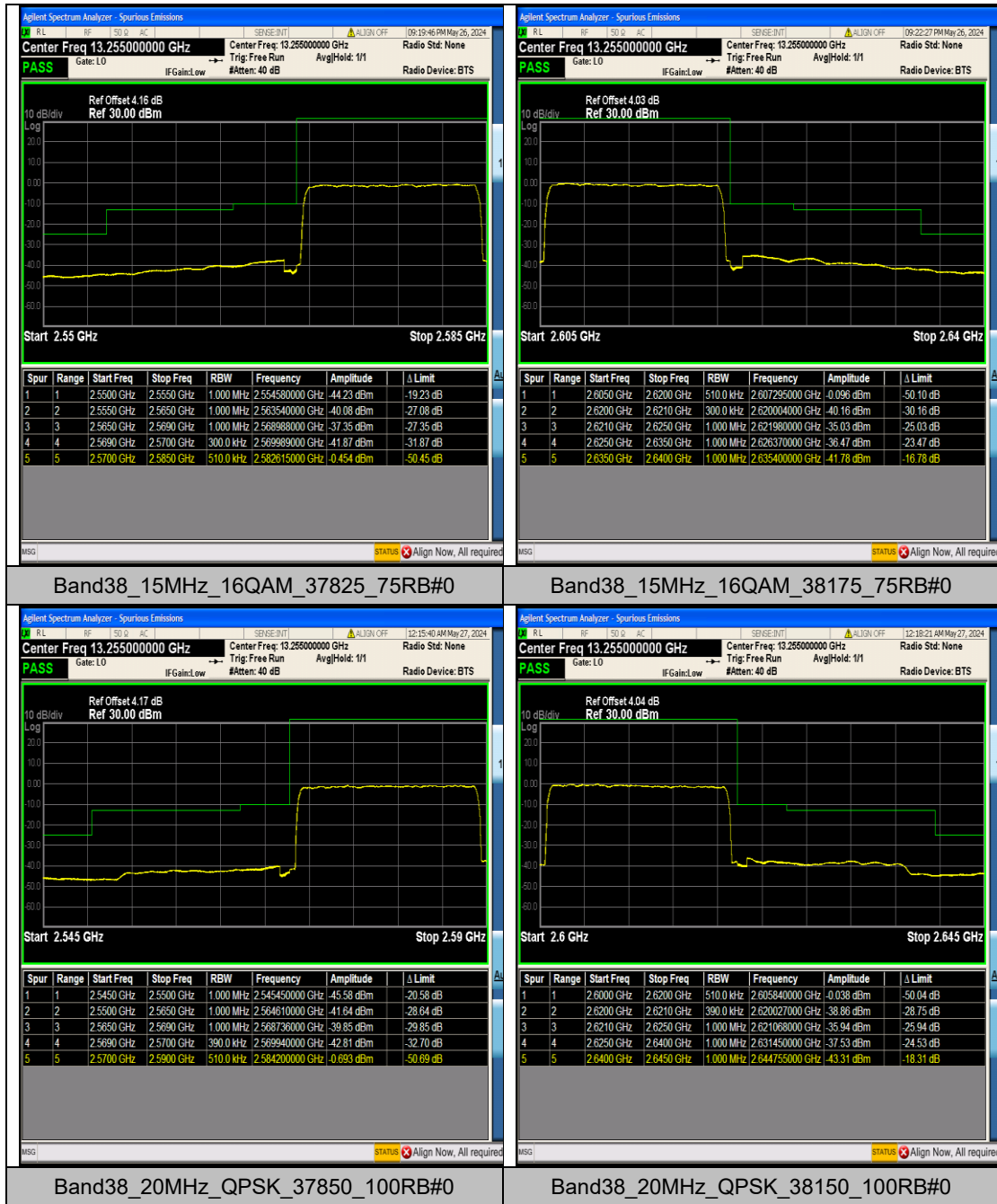
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-42.23	PASS
Band38	5MHz	QPSK	38225	25RB#0	-39.80	PASS
Band38	5MHz	16QAM	37775	25RB#0	-42.52	PASS
Band38	5MHz	16QAM	38225	25RB#0	-41.10	PASS
Band38	10MHz	QPSK	37800	50RB#0	-44.22	PASS
Band38	10MHz	QPSK	38200	50RB#0	-42.33	PASS
Band38	10MHz	16QAM	37800	50RB#0	-44.03	PASS
Band38	10MHz	16QAM	38200	50RB#0	-42.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	-44.40	PASS
Band38	15MHz	QPSK	38175	75RB#0	-41.62	PASS
Band38	15MHz	16QAM	37825	75RB#0	-44.23	PASS
Band38	15MHz	16QAM	38175	75RB#0	-41.78	PASS
Band38	20MHz	QPSK	37850	100RB#0	-45.58	PASS
Band38	20MHz	QPSK	38150	100RB#0	-43.31	PASS
Band38	20MHz	16QAM	37850	100RB#0	-45.49	PASS
Band38	20MHz	16QAM	38150	100RB#0	-43.77	PASS

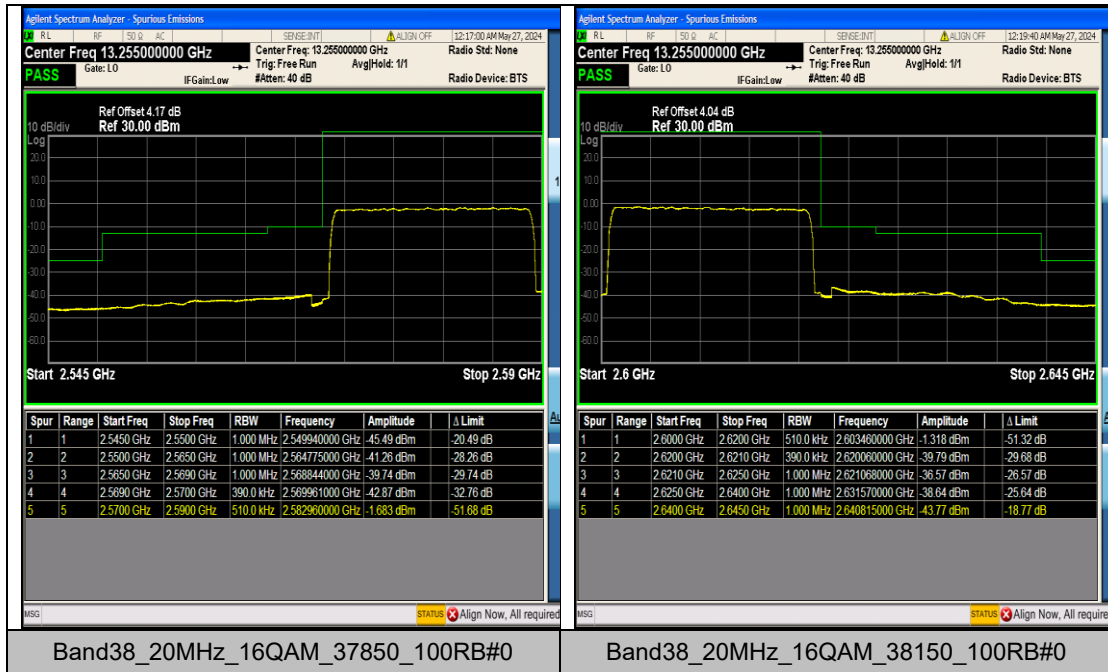
Test Graphs











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	-70.67	PASS
Band38	5MHz	QPSK	37775	25RB#0	0.15~30	-65.73	PASS
Band38	5MHz	QPSK	37775	25RB#0	30~1000	-66.82	PASS
Band38	5MHz	QPSK	37775	25RB#0	1000~20000	-43.58	PASS
Band38	5MHz	QPSK	37775	25RB#0	20000~27000	-39.10	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.009~0.15	-72.68	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.15~30	-65.56	PASS
Band38	5MHz	QPSK	38000	25RB#0	30~1000	-66.37	PASS
Band38	5MHz	QPSK	38000	25RB#0	1000~20000	-43.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	20000~27000	-39.73	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.009~0.15	-74.25	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.15~30	-67.93	PASS
Band38	5MHz	QPSK	38225	25RB#0	30~1000	-66.72	PASS
Band38	5MHz	QPSK	38225	25RB#0	1000~20000	-40.42	PASS
Band38	5MHz	QPSK	38225	25RB#0	20000~27000	-39.70	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.009~0.15	-74.52	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.15~30	-68.51	PASS
Band38	5MHz	16QAM	37775	25RB#0	30~1000	-65.96	PASS
Band38	5MHz	16QAM	37775	25RB#0	1000~20000	-45.58	PASS
Band38	5MHz	16QAM	37775	25RB#0	20000~27000	-39.66	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.009~0.15	-74.49	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.15~30	-67.41	PASS
Band38	5MHz	16QAM	38000	25RB#0	30~1000	-66.92	PASS
Band38	5MHz	16QAM	38000	25RB#0	1000~20000	-46.39	PASS
Band38	5MHz	16QAM	38000	25RB#0	20000~27000	-39.70	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.009~0.15	-69.83	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.15~30	-67.62	PASS
Band38	5MHz	16QAM	38225	25RB#0	30~1000	-66.13	PASS
Band38	5MHz	16QAM	38225	25RB#0	1000~20000	-42.77	PASS
Band38	5MHz	16QAM	38225	25RB#0	20000~27000	-39.69	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.009~0.15	-71.58	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.15~30	-65.32	PASS
Band38	10MHz	QPSK	37800	50RB#0	30~1000	-66.82	PASS
Band38	10MHz	QPSK	37800	50RB#0	1000~20000	-46.02	PASS
Band38	10MHz	QPSK	37800	50RB#0	20000~27000	-39.59	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.009~0.15	-73.91	PASS

Band38	10MHz	QPSK	38000	50RB#0	0.15~30	-65.07	PASS
Band38	10MHz	QPSK	38000	50RB#0	30~1000	-66.73	PASS
Band38	10MHz	QPSK	38000	50RB#0	1000~20000	-46.12	PASS
Band38	10MHz	QPSK	38000	50RB#0	20000~27000	-39.84	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.009~0.15	-72.75	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.15~30	-68.10	PASS
Band38	10MHz	QPSK	38200	50RB#0	30~1000	-66.62	PASS
Band38	10MHz	QPSK	38200	50RB#0	1000~20000	-43.86	PASS
Band38	10MHz	QPSK	38200	50RB#0	20000~27000	-39.64	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.009~0.15	-72.10	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.15~30	-64.80	PASS
Band38	10MHz	16QAM	37800	50RB#0	30~1000	-66.67	PASS
Band38	10MHz	16QAM	37800	50RB#0	1000~20000	-45.95	PASS
Band38	10MHz	16QAM	37800	50RB#0	20000~27000	-39.81	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.009~0.15	-73.81	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.15~30	-65.59	PASS
Band38	10MHz	16QAM	38000	50RB#0	30~1000	-66.53	PASS
Band38	10MHz	16QAM	38000	50RB#0	1000~20000	-46.09	PASS
Band38	10MHz	16QAM	38000	50RB#0	20000~27000	-39.66	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.009~0.15	-73.66	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.15~30	-66.76	PASS
Band38	10MHz	16QAM	38200	50RB#0	30~1000	-66.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	1000~20000	-45.07	PASS
Band38	10MHz	16QAM	38200	50RB#0	20000~27000	-39.75	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.009~0.15	-75.27	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.15~30	-63.90	PASS
Band38	15MHz	QPSK	37825	75RB#0	30~1000	-66.68	PASS
Band38	15MHz	QPSK	37825	75RB#0	1000~20000	-46.26	PASS
Band38	15MHz	QPSK	37825	75RB#0	20000~27000	-39.49	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.009~0.15	-72.80	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.15~30	-64.79	PASS
Band38	15MHz	QPSK	38000	75RB#0	30~1000	-66.44	PASS
Band38	15MHz	QPSK	38000	75RB#0	1000~20000	-46.47	PASS
Band38	15MHz	QPSK	38000	75RB#0	20000~27000	-39.54	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.009~0.15	-74.73	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.15~30	-70.03	PASS
Band38	15MHz	QPSK	38175	75RB#0	30~1000	-66.53	PASS
Band38	15MHz	QPSK	38175	75RB#0	1000~20000	-41.62	PASS
Band38	15MHz	QPSK	38175	75RB#0	20000~27000	-39.77	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.009~0.15	-73.21	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.15~30	-67.65	PASS
Band38	15MHz	16QAM	37825	75RB#0	30~1000	-66.79	PASS
Band38	15MHz	16QAM	37825	75RB#0	1000~20000	-46.17	PASS

Band38	15MHz	16QAM	37825	75RB#0	20000~27000	-39.72	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.009~0.15	-74.06	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.15~30	-66.13	PASS
Band38	15MHz	16QAM	38000	75RB#0	30~1000	-66.73	PASS
Band38	15MHz	16QAM	38000	75RB#0	1000~20000	-46.05	PASS
Band38	15MHz	16QAM	38000	75RB#0	20000~27000	-39.51	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.009~0.15	-73.24	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.15~30	-67.11	PASS
Band38	15MHz	16QAM	38175	75RB#0	30~1000	-66.81	PASS
Band38	15MHz	16QAM	38175	75RB#0	1000~20000	-43.26	PASS
Band38	15MHz	16QAM	38175	75RB#0	20000~27000	-39.48	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.009~0.15	-75.28	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.15~30	-70.78	PASS
Band38	20MHz	QPSK	37850	100RB#0	30~1000	-66.50	PASS
Band38	20MHz	QPSK	37850	100RB#0	1000~20000	-46.34	PASS
Band38	20MHz	QPSK	37850	100RB#0	20000~27000	-39.93	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.009~0.15	-74.17	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.15~30	-66.51	PASS
Band38	20MHz	QPSK	38000	100RB#0	30~1000	-66.76	PASS
Band38	20MHz	QPSK	38000	100RB#0	1000~20000	-46.28	PASS
Band38	20MHz	QPSK	38000	100RB#0	20000~27000	-39.68	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.009~0.15	-73.60	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.15~30	-68.71	PASS
Band38	20MHz	QPSK	38150	100RB#0	30~1000	-66.47	PASS
Band38	20MHz	QPSK	38150	100RB#0	1000~20000	-46.08	PASS
Band38	20MHz	QPSK	38150	100RB#0	20000~27000	-39.70	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.009~0.15	-76.18	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.15~30	-67.47	PASS
Band38	20MHz	16QAM	37850	100RB#0	30~1000	-66.71	PASS
Band38	20MHz	16QAM	37850	100RB#0	1000~20000	-46.01	PASS
Band38	20MHz	16QAM	37850	100RB#0	20000~27000	-39.68	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.009~0.15	-73.75	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.15~30	-66.96	PASS
Band38	20MHz	16QAM	38000	100RB#0	30~1000	-66.45	PASS
Band38	20MHz	16QAM	38000	100RB#0	1000~20000	-46.20	PASS
Band38	20MHz	16QAM	38000	100RB#0	20000~27000	-39.79	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.009~0.15	-71.28	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.15~30	-65.85	PASS
Band38	20MHz	16QAM	38150	100RB#0	30~1000	-66.78	PASS
Band38	20MHz	16QAM	38150	100RB#0	1000~20000	-45.69	PASS
Band38	20MHz	16QAM	38150	100RB#0	20000~27000	-39.77	PASS

Test Graphs

