

Appendix for LTE Band 38

Product Name: Tablet

Model No: MDT665

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.10	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.25	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.15	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.28	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.05	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.18	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.15	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.18	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.13	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.18	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.07	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.12	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.15	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.15	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.19	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.20	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.28	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.27	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.18	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.21	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.23	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.24	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.30	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.22	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.27	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.20	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.24	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.24	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.34	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.58	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.44	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.69	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.34	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.60	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.39	PASS

Band38	5MHz	16QAM	38225	12RB#0	21.42	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.43	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.44	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.39	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.40	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.44	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.49	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.31	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.45	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.43	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.57	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.24	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.40	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.28	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.35	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.32	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.33	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.24	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.30	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.26	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.30	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.31	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.94	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.49	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.16	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.23	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.89	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.33	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.33	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.32	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.34	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.25	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.28	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.32	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.35	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.41	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.57	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.66	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.76	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.42	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.55	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.48	PASS

Band38	10MHz	16QAM	38200	25RB#0	21.57	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.48	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.57	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.42	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.55	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.47	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.51	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.23	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.40	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.23	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.41	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.15	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.29	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.30	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.31	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.31	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.28	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.28	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.25	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.29	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.29	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.37	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.11	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.40	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.17	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.28	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.02	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.31	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.35	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.34	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.33	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.35	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.35	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.32	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.31	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.48	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.37	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.52	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.32	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.44	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.46	PASS

Band38	15MHz	16QAM	38175	38RB#0	22.45	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.45	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.46	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.46	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.46	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.44	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.47	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.20	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.81	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.48	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.06	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.22	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.82	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.33	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.36	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.36	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.34	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.31	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.39	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.38	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.48	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.09	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.68	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.26	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.48	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.48	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.47	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.47	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.41	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.38	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.44	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.45	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.46	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.46	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.65	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.64	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.34	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.31	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.52	PASS

Band38	20MHz	16QAM	38150	50RB#0	21.58	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.51	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.57	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.42	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.51	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.51	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.55	PASS

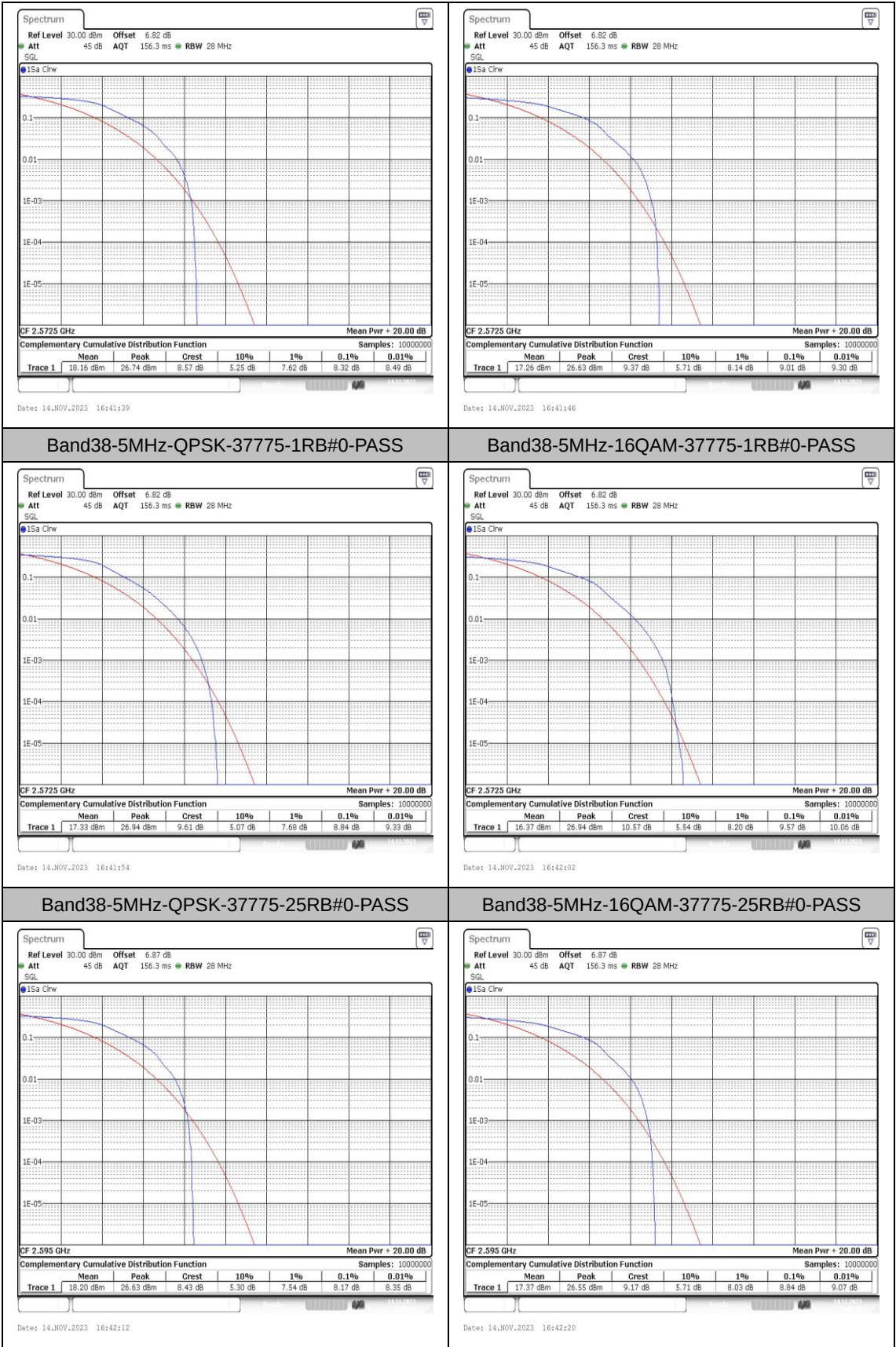
Appendix B: Peak-to-Average Ratio(CCDF)

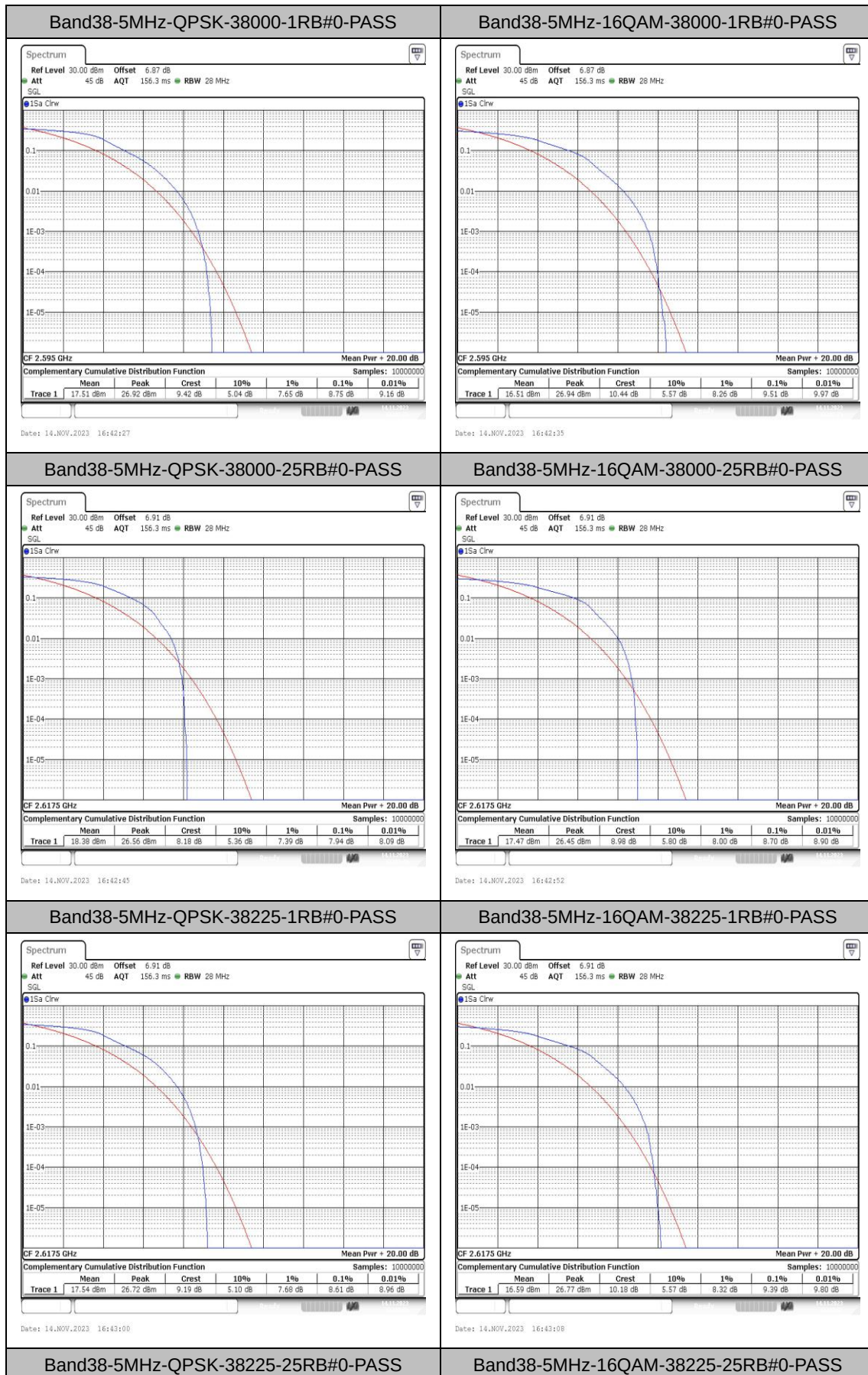
Test Result

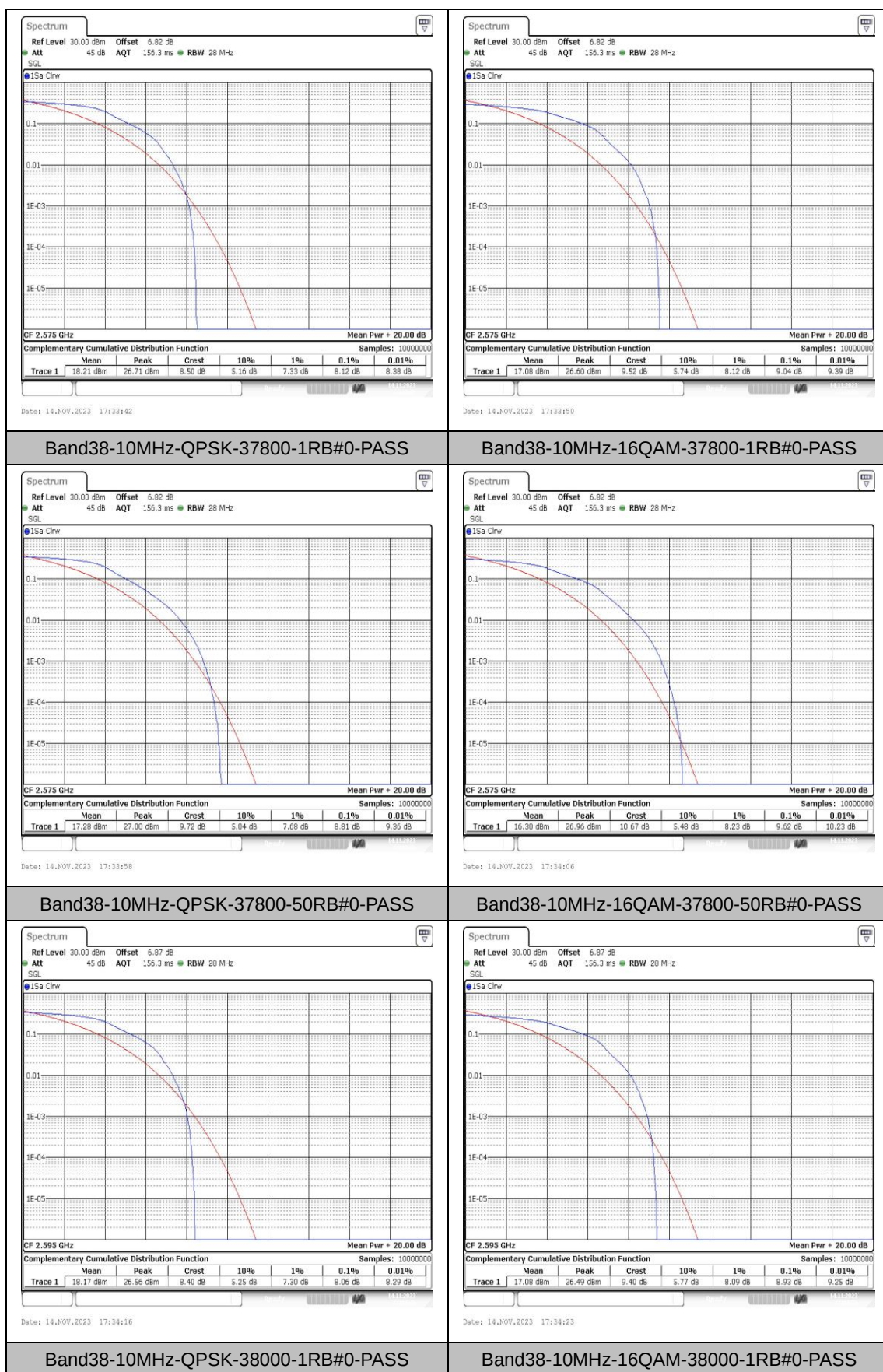
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.32	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	9.01	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	8.84	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.57	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.17	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	8.84	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	8.75	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.51	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	7.94	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.70	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.61	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.39	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.12	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	9.04	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.81	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.62	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.06	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	8.93	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.78	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.54	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.00	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	8.81	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.70	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.57	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.23	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	9.04	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.99	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.71	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.09	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	8.90	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.96	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.71	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.06	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	8.99	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	8.96	13	PASS

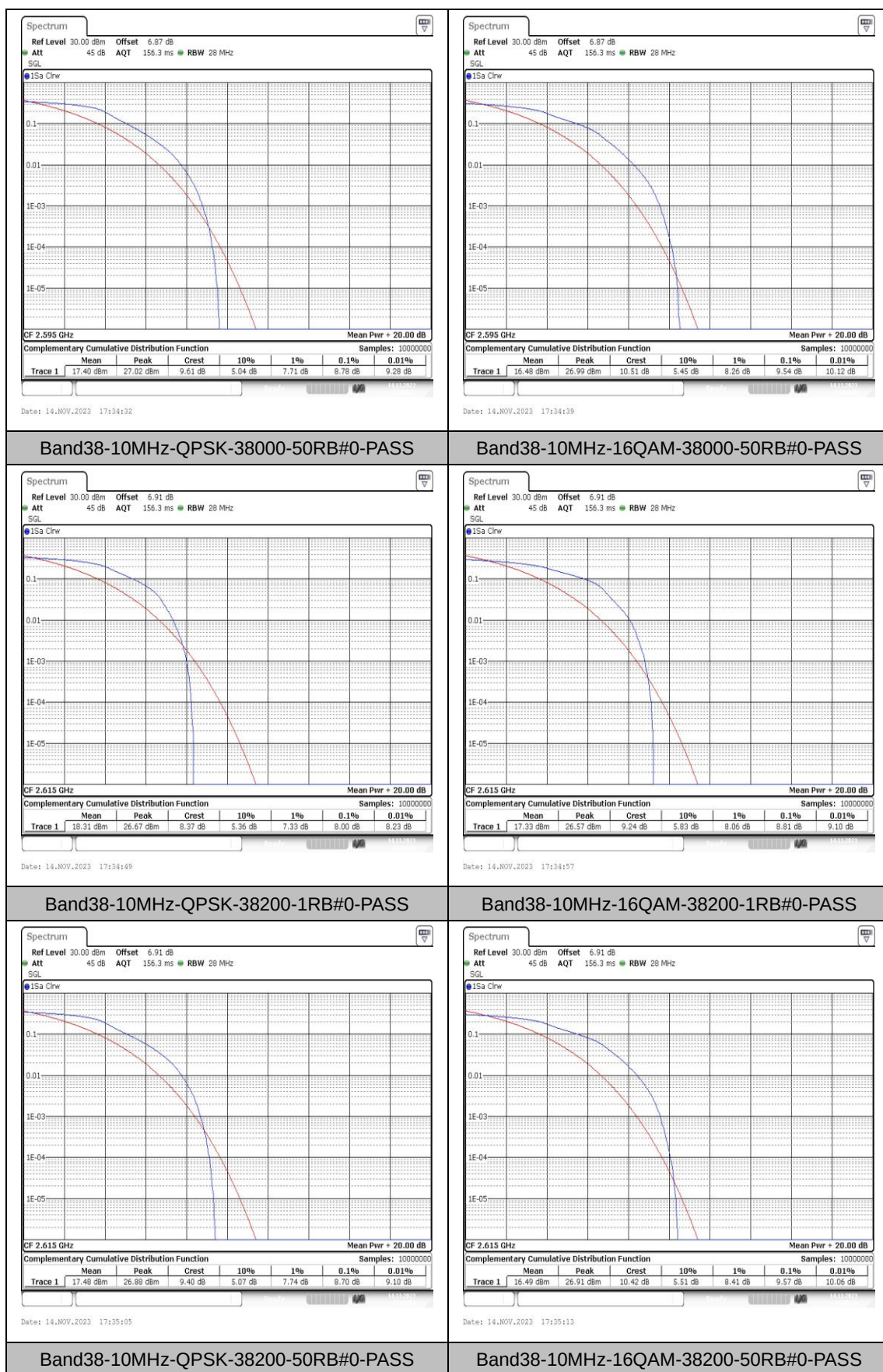
Band38	15MHz	16QAM	38175	75RB#0	9.65	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	9.33	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	10.41	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.86	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	10.84	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	10.09	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	10.14	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.87	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	9.42	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	10.35	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	10.00	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	10.87	13	PASS

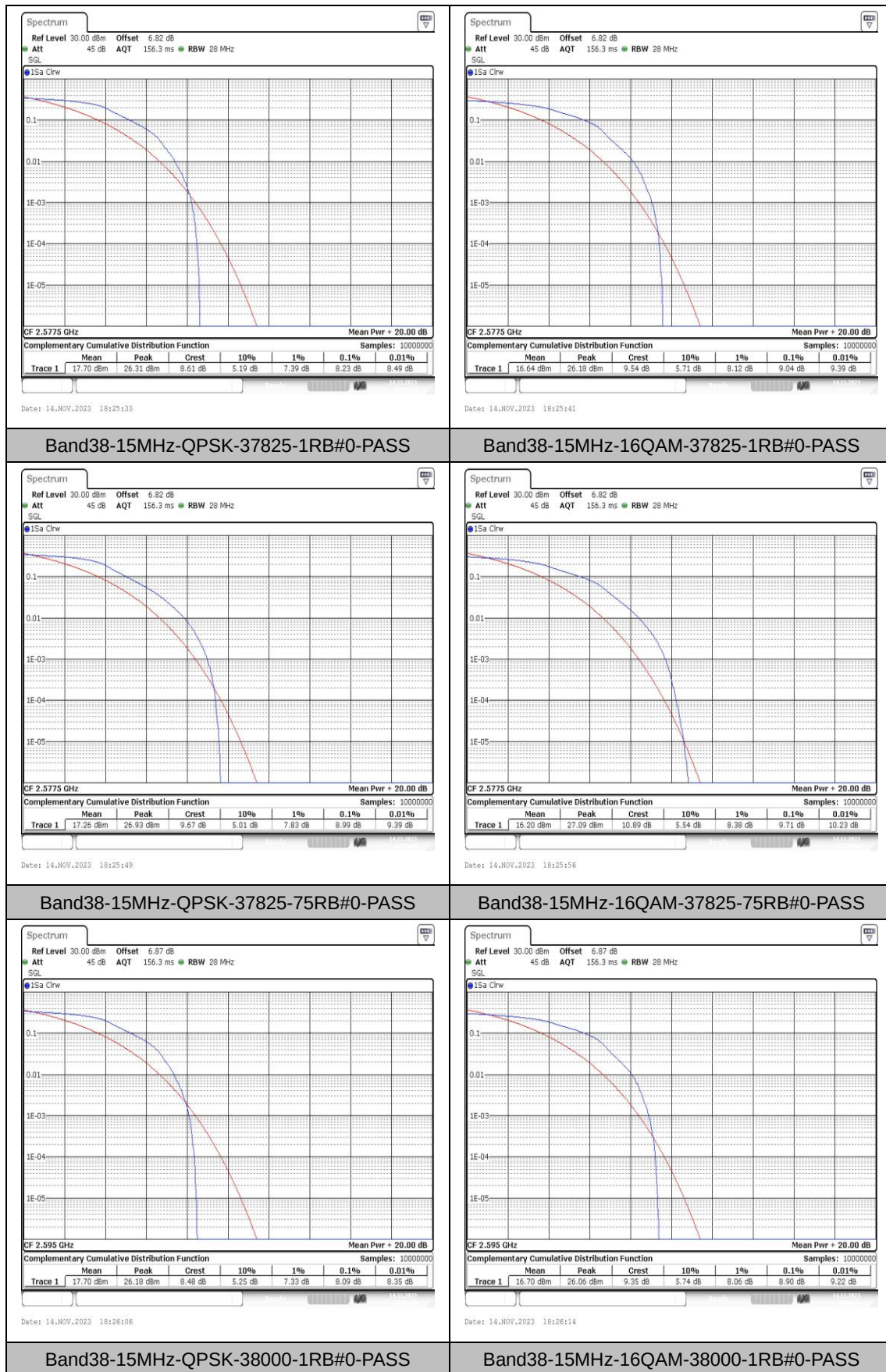
Test Graphs

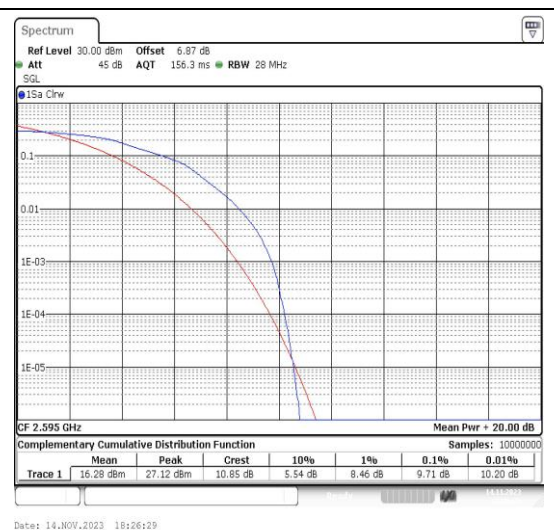
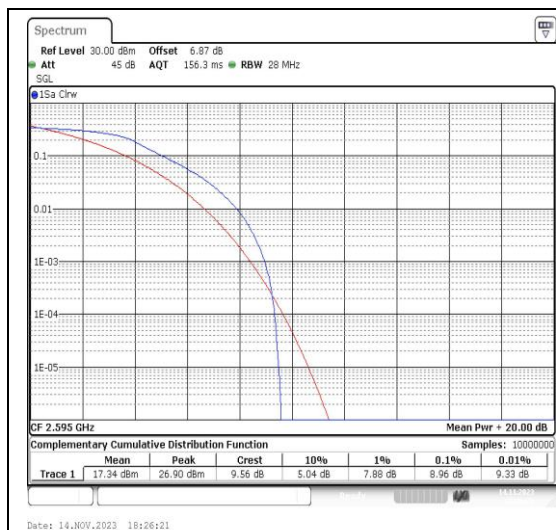






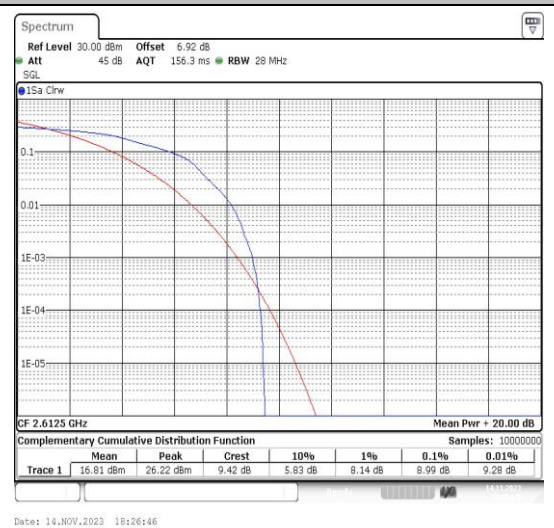
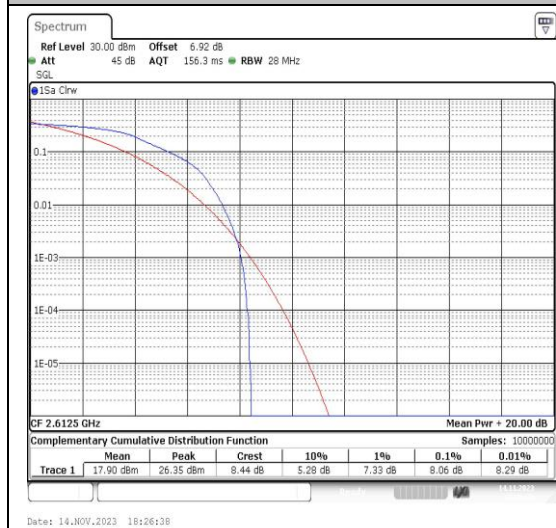






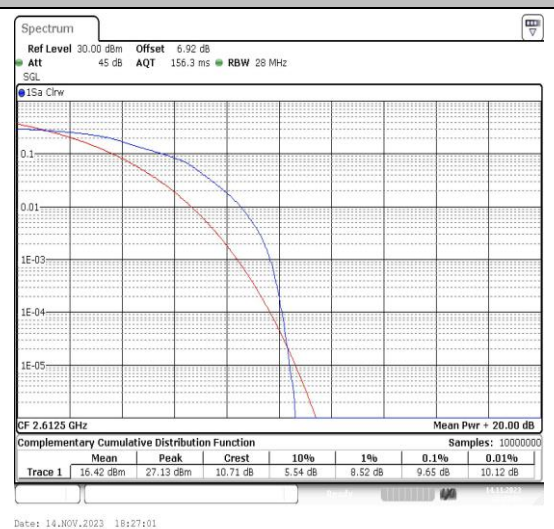
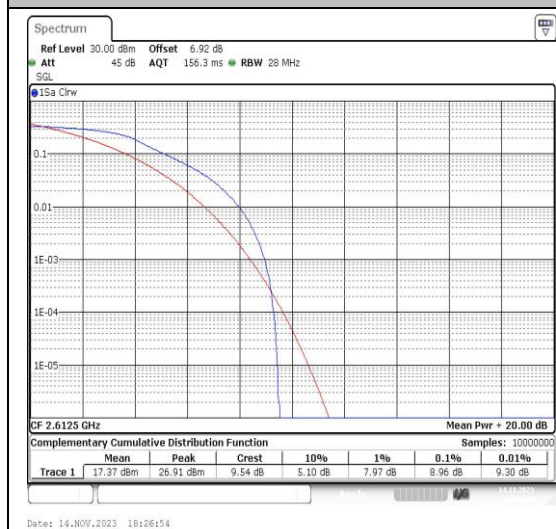
Band38-15MHz-QPSK-38000-75RB#0-PASS

Band38-15MHz-16QAM-38000-75RB#0-PASS



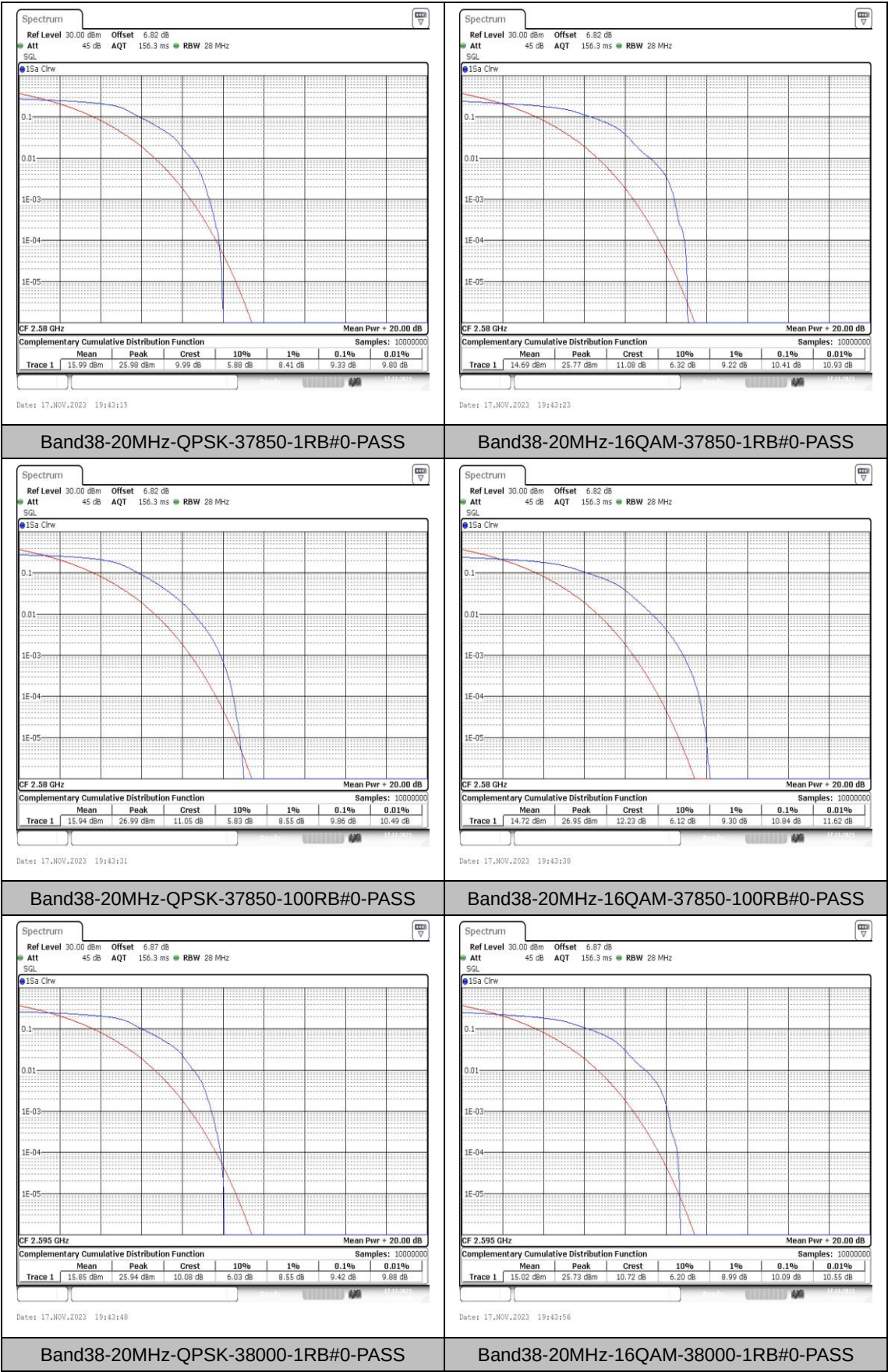
Band38-15MHz-QPSK-38175-1RB#0-PASS

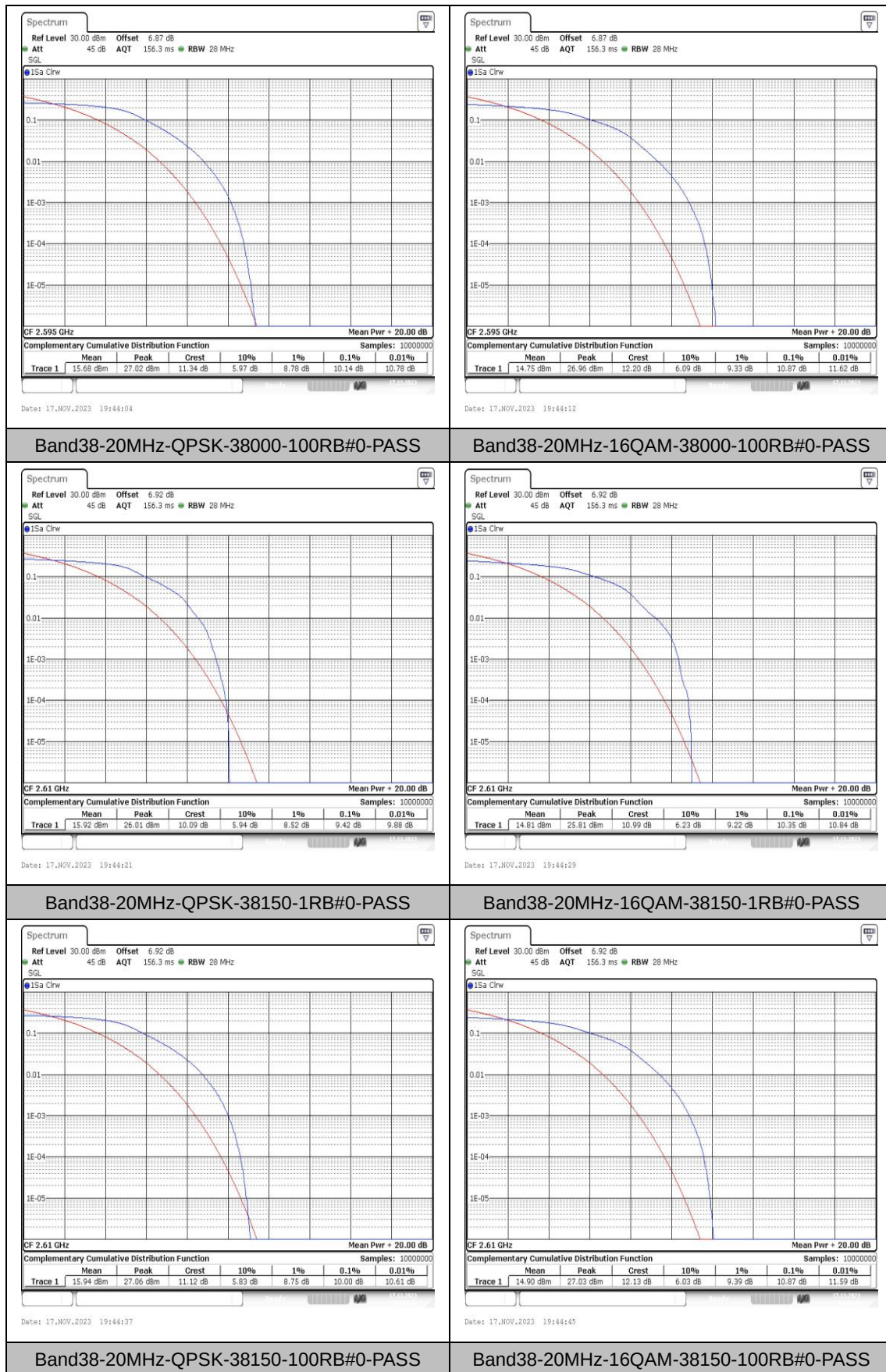
Band38-15MHz-16QAM-38175-1RB#0-PASS



Band38-15MHz-QPSK-38175-75RB#0-PASS

Band38-15MHz-16QAM-38175-75RB#0-PASS



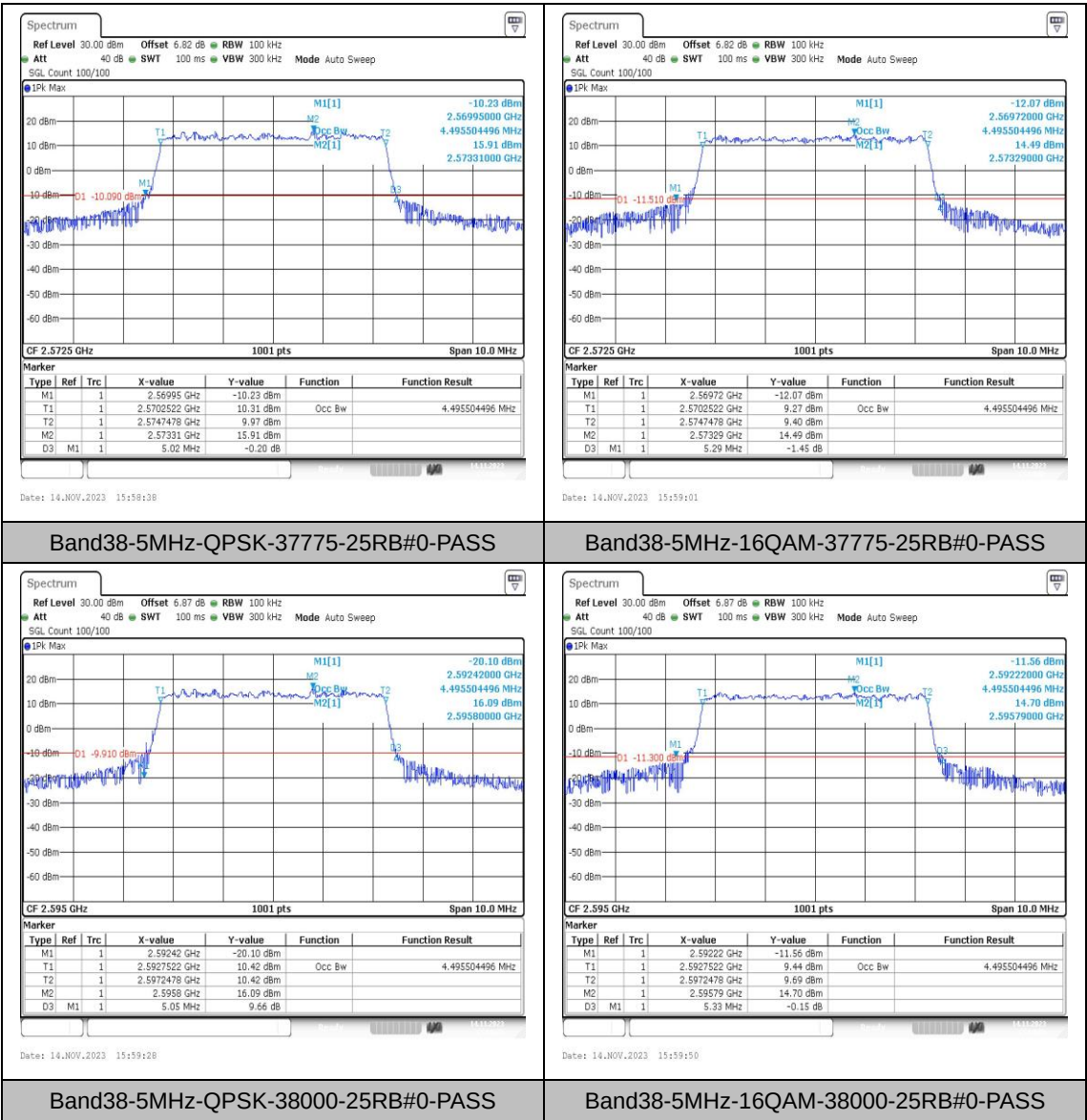


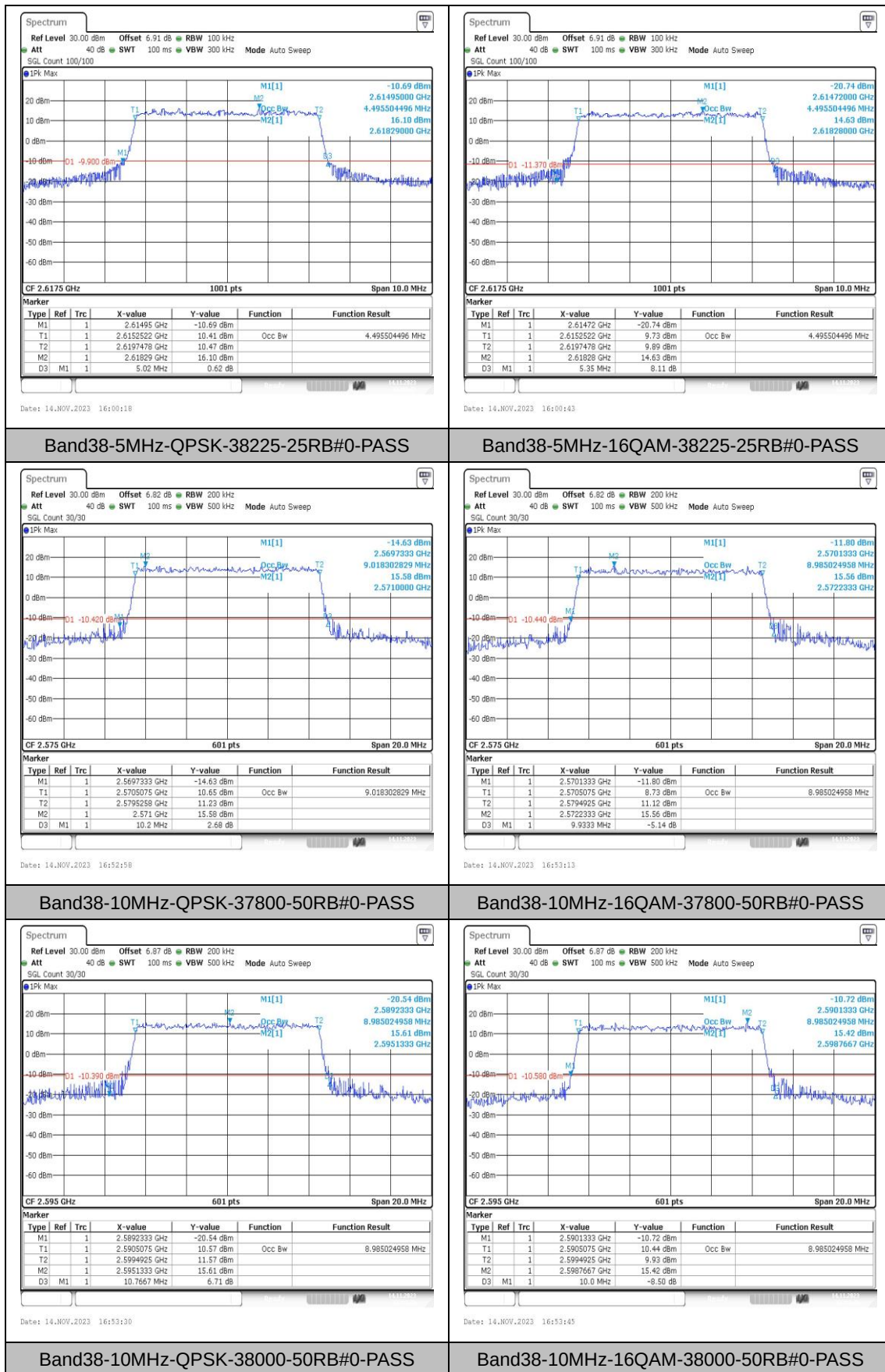
Appendix C: 26dB Bandwidth and Occupied Bandwidth

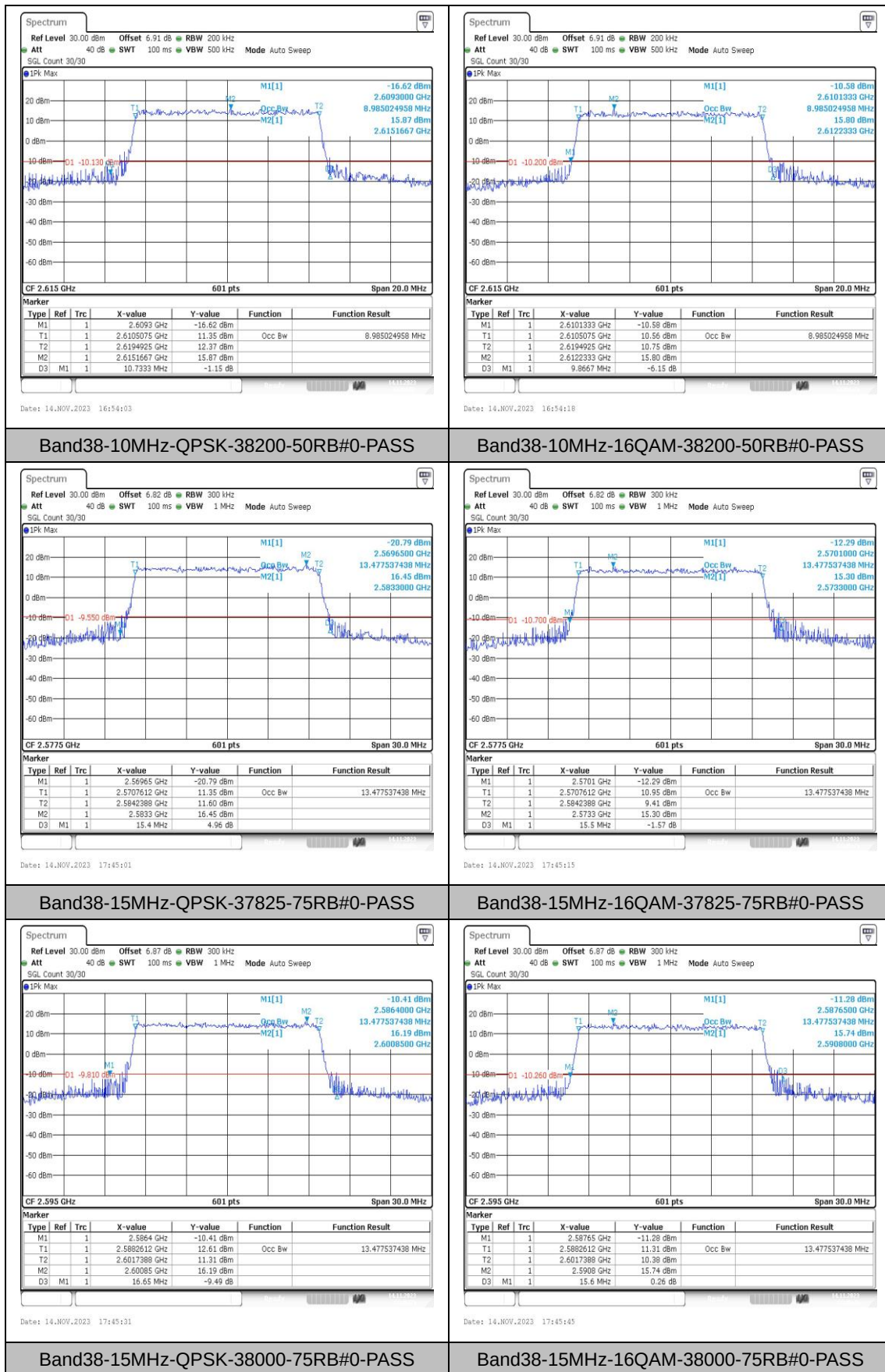
Test Result

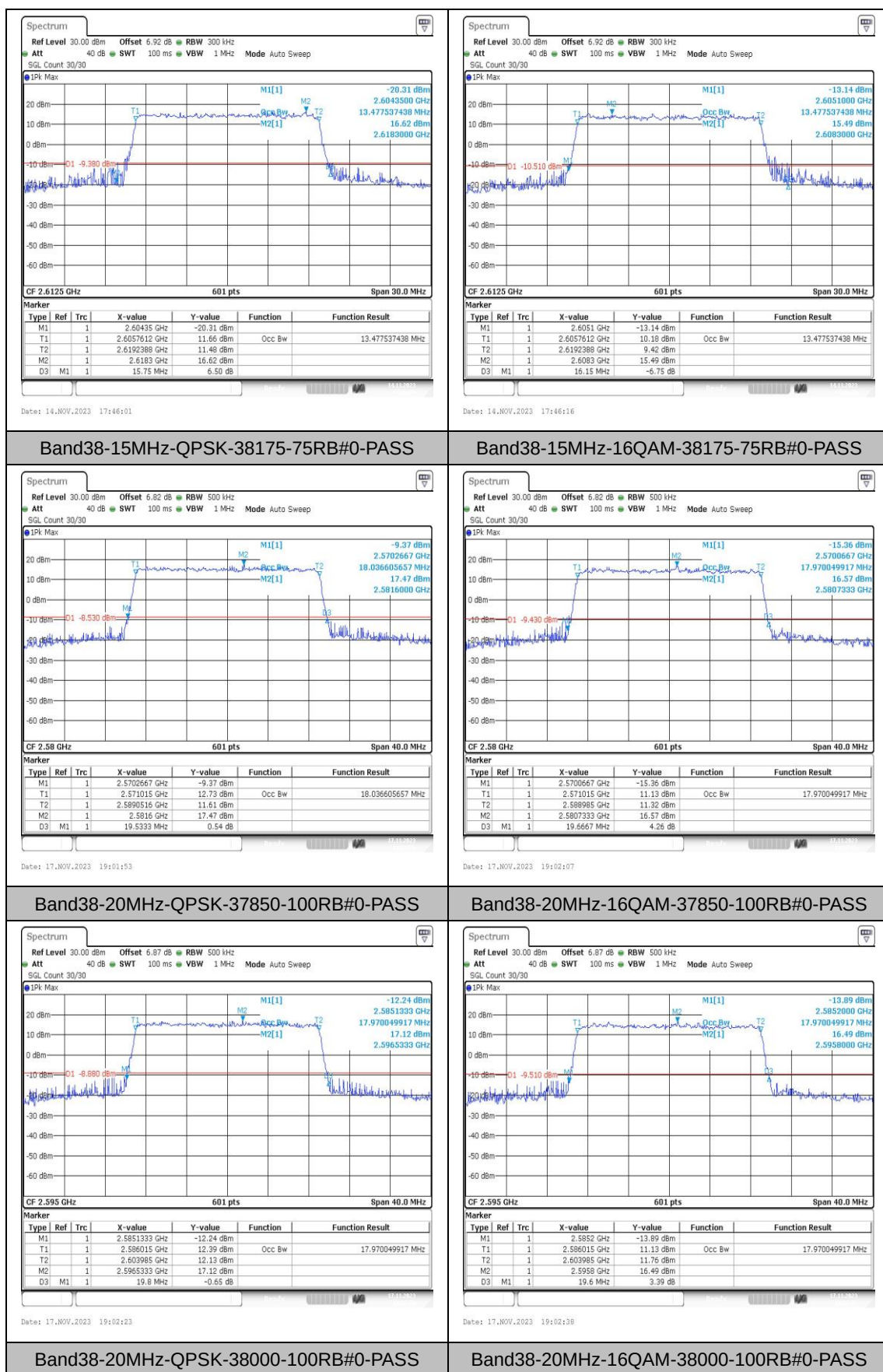
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.496	5.02	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	5.29	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.496	5.05	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	5.33	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.496	5.02	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	5.35	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.018	10.20	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.985	9.93	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.985	10.77	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.985	10.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.985	10.73	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.985	9.87	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.478	15.40	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.478	15.50	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.478	16.65	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.478	15.60	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.478	15.75	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.478	16.15	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.037	19.53	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.97	19.67	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.97	19.80	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.97	19.60	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.97	19.67	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.037	20.13	PASS

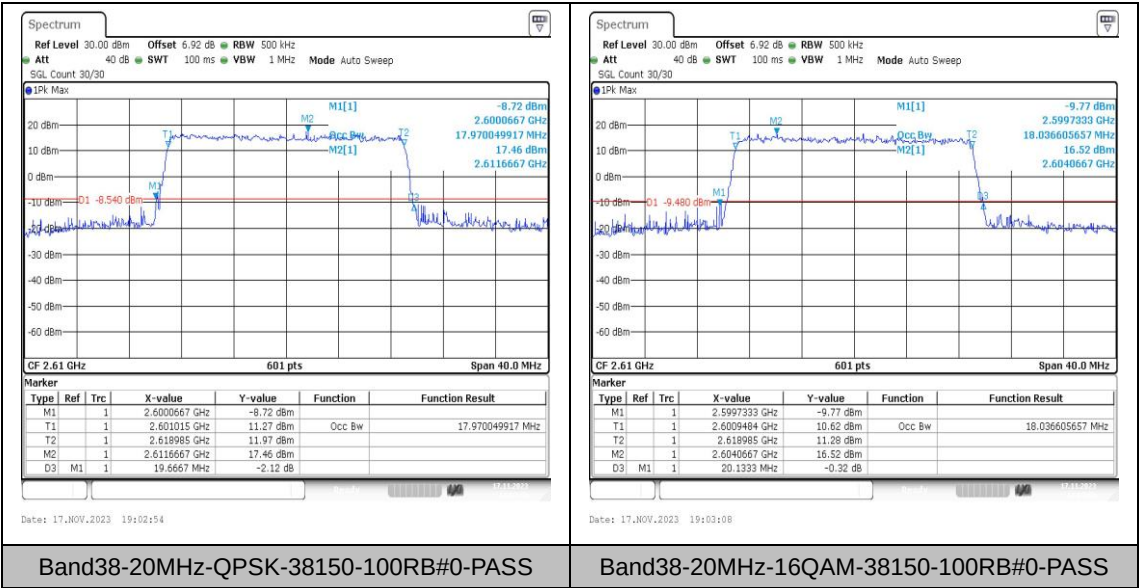
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-17.96	PASS
Band38	5MHz	16QAM	37775	1RB#0	-19.19	PASS
Band38	5MHz	QPSK	37775	1RB#24	-41.99	PASS
Band38	5MHz	16QAM	37775	1RB#24	-41.94	PASS
Band38	5MHz	QPSK	37775	25RB#0	-36.48	PASS
Band38	5MHz	16QAM	37775	25RB#0	-36.26	PASS
Band38	5MHz	QPSK	38225	1RB#0	-42.31	PASS
Band38	5MHz	16QAM	38225	1RB#0	-42.13	PASS
Band38	5MHz	QPSK	38225	1RB#24	-16.14	PASS
Band38	5MHz	16QAM	38225	1RB#24	-19.25	PASS
Band38	5MHz	QPSK	38225	25RB#0	-30.62	PASS
Band38	5MHz	16QAM	38225	25RB#0	-31.91	PASS
Band38	10MHz	QPSK	37800	1RB#0	-19.10	PASS
Band38	10MHz	16QAM	37800	1RB#0	-20.99	PASS
Band38	10MHz	QPSK	37800	1RB#49	-42.93	PASS
Band38	10MHz	16QAM	37800	1RB#49	-42.92	PASS
Band38	10MHz	QPSK	37800	50RB#0	-37.01	PASS
Band38	10MHz	16QAM	37800	50RB#0	-37.63	PASS
Band38	10MHz	QPSK	38200	1RB#0	-30.20	PASS
Band38	10MHz	16QAM	38200	1RB#0	-42.96	PASS
Band38	10MHz	QPSK	38200	1RB#49	-19.07	PASS
Band38	10MHz	16QAM	38200	1RB#49	-20.57	PASS
Band38	10MHz	QPSK	38200	50RB#0	-30.05	PASS
Band38	10MHz	16QAM	38200	50RB#0	-30.26	PASS
Band38	15MHz	QPSK	37825	1RB#0	-21.02	PASS
Band38	15MHz	16QAM	37825	1RB#0	-20.93	PASS
Band38	15MHz	QPSK	37825	1RB#74	-43.05	PASS
Band38	15MHz	16QAM	37825	1RB#74	-43.09	PASS
Band38	15MHz	QPSK	37825	75RB#0	-35.53	PASS
Band38	15MHz	16QAM	37825	75RB#0	-36.78	PASS
Band38	15MHz	QPSK	38175	1RB#0	-30.76	PASS
Band38	15MHz	16QAM	38175	1RB#0	-43.02	PASS
Band38	15MHz	QPSK	38175	1RB#74	-20.37	PASS
Band38	15MHz	16QAM	38175	1RB#74	-22.64	PASS
Band38	15MHz	QPSK	38175	75RB#0	-30.78	PASS
Band38	15MHz	16QAM	38175	75RB#0	-31.20	PASS

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Band38	20MHz	QPSK	37850	1RB#0	-21.38	PASS
Band38	20MHz	16QAM	37850	1RB#0	-21.63	PASS
Band38	20MHz	QPSK	37850	1RB#99	-43.34	PASS
Band38	20MHz	16QAM	37850	1RB#99	-43.26	PASS
Band38	20MHz	QPSK	37850	100RB#0	-36.73	PASS
Band38	20MHz	16QAM	37850	100RB#0	-37.56	PASS
Band38	20MHz	QPSK	38150	1RB#0	-43.20	PASS
Band38	20MHz	16QAM	38150	1RB#0	-43.17	PASS
Band38	20MHz	QPSK	38150	1RB#99	-23.10	PASS
Band38	20MHz	16QAM	38150	1RB#99	-24.74	PASS
Band38	20MHz	QPSK	38150	100RB#0	-32.52	PASS
Band38	20MHz	16QAM	38150	100RB#0	-32.47	PASS

Test Graphs

