

Appendix for LTE BAND 38

Product Name: Tablet

Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.34	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.44	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.48	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.53	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.32	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.41	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.48	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.41	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.45	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.37	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.40	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.32	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.41	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.32	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.37	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.40	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.47	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.55	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.34	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.43	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.48	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.38	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.47	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.37	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.44	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.42	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.43	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.45	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.34	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.67	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.45	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.80	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.30	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.65	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.49	PASS

Band38	5MHz	16QAM	38225	12RB#0	20.43	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.50	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.44	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.42	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.36	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.46	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.44	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.55	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.57	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.74	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.77	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.46	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.54	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.56	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.53	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.54	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.51	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.42	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.40	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.47	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.38	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.42	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.14	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.62	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.34	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.39	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.15	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.50	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.49	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.51	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.49	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.49	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.51	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.52	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.48	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.44	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.74	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.65	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.85	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.41	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.59	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.53	PASS

Band38	10MHz	16QAM	38200	25RB#0	20.58	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.49	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.60	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.47	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.46	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.52	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.50	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.54	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.55	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.51	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.57	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.30	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.43	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.55	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.52	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.54	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.55	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.54	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.56	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.56	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.45	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.48	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.28	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.50	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.41	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.35	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.19	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.54	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.47	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.52	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.45	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.45	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.49	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.51	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.47	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.40	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.77	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.45	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.70	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.30	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.51	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.50	PASS

Band38	15MHz	16QAM	38175	38RB#0	21.48	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.48	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.49	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.46	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.49	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.48	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.47	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.51	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.42	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.67	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.61	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.25	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.29	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.51	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.44	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.50	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.43	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.36	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.30	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.45	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.37	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.26	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.93	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.53	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.16	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.18	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.86	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.44	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.47	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.42	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.46	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.45	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.49	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.48	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.47	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.37	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.46	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.75	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.67	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.21	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.27	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.53	PASS

Band38	20MHz	16QAM	38150	50RB#0	20.51	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.49	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.53	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.34	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.38	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.45	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.43	PASS

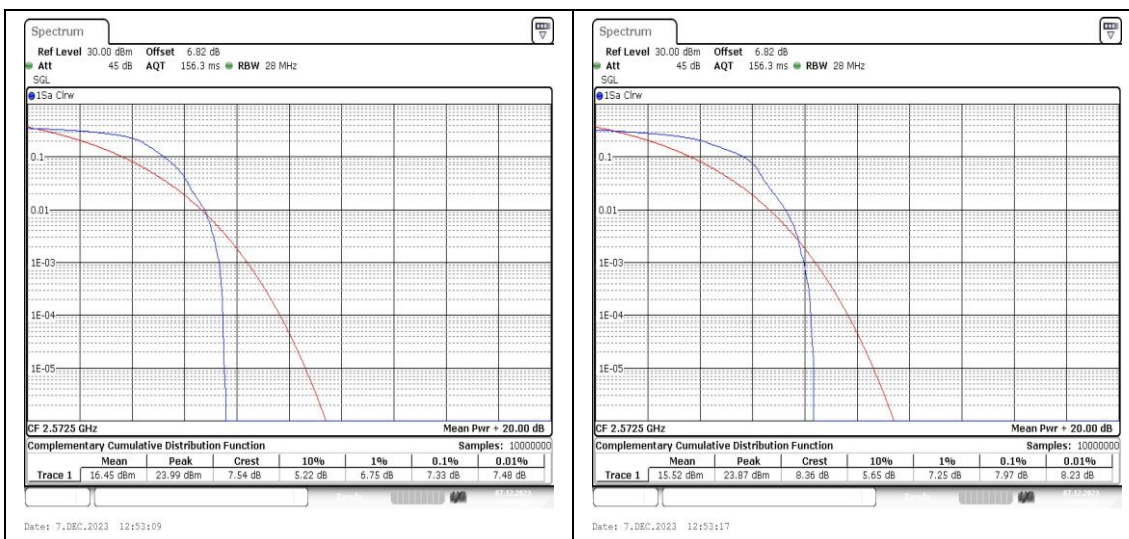
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	7.33	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	7.97	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	7.80	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	10.23	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.78	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.30	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.19	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.77	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.43	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	9.07	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.75	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.48	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	7.19	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	7.97	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	7.94	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.67	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.58	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.16	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.80	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.46	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.72	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	9.42	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.90	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.59	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	7.16	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	8.03	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.20	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	8.96	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.41	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	9.07	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.30	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.83	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.96	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.59	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.22	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.83	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	6.96	13	PASS

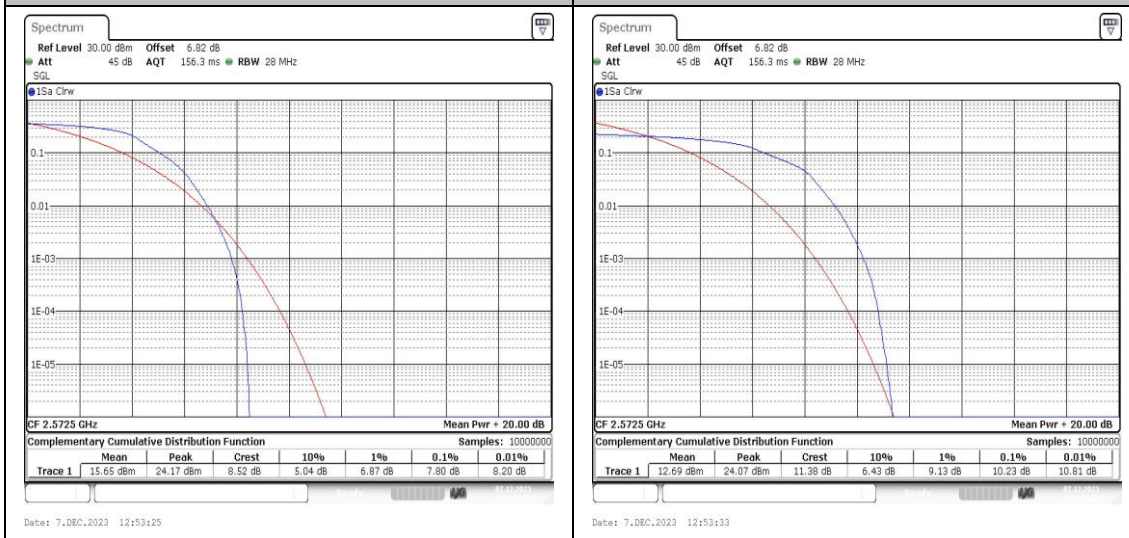
Band38	20MHz	16QAM	37850	1RB#0	7.80	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.23	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.01	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	7.88	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	8.64	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.96	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.71	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.61	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.36	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.93	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.74	13	PASS

Test Graphs



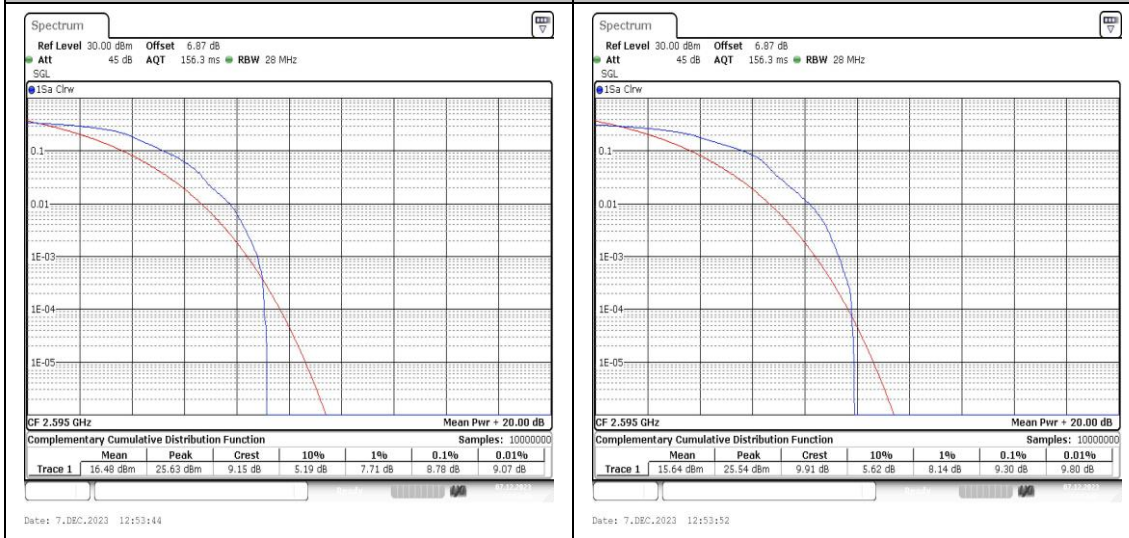
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Band38-5MHz-16QAM-37775-1RB#0-PASS



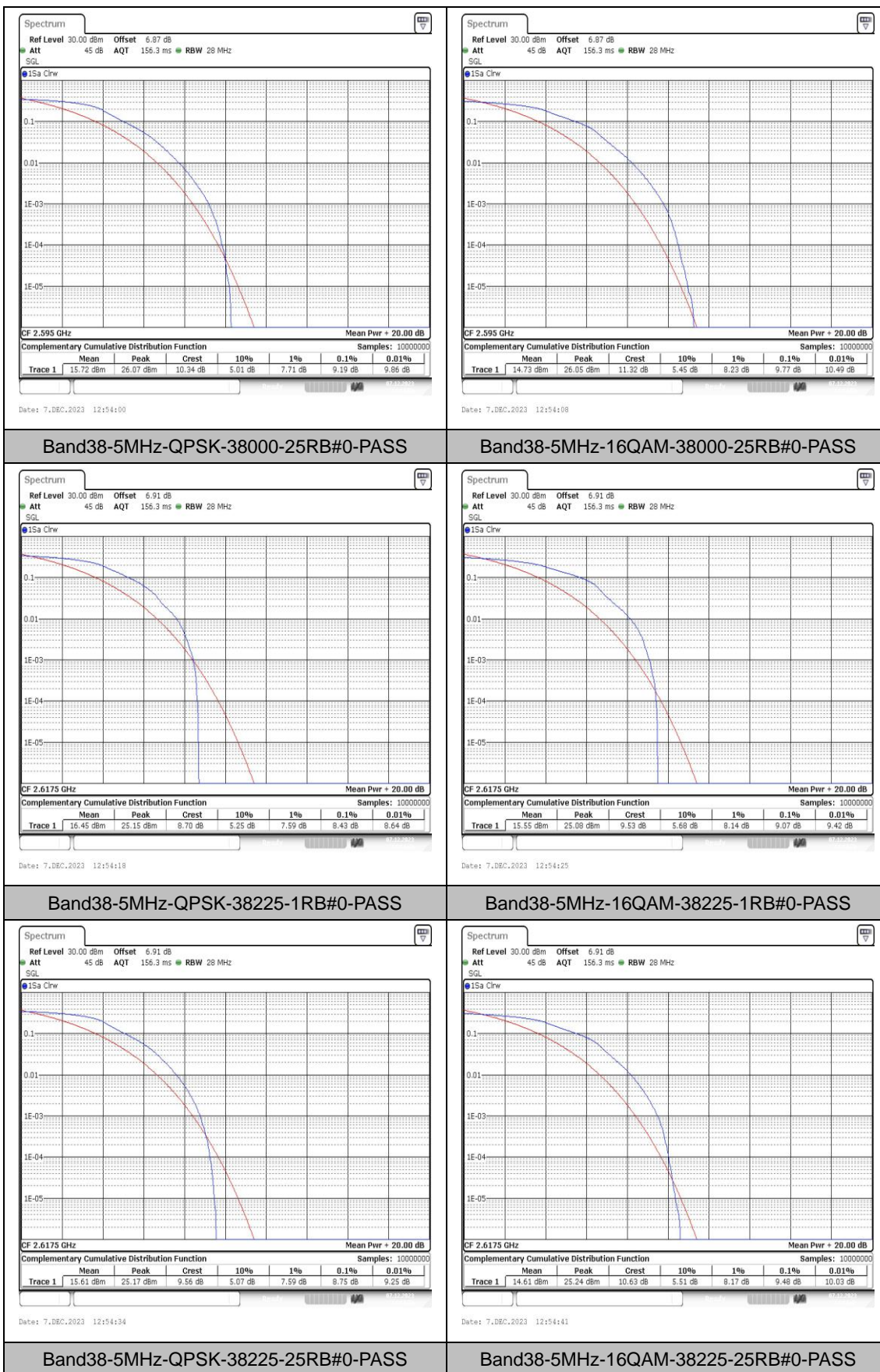
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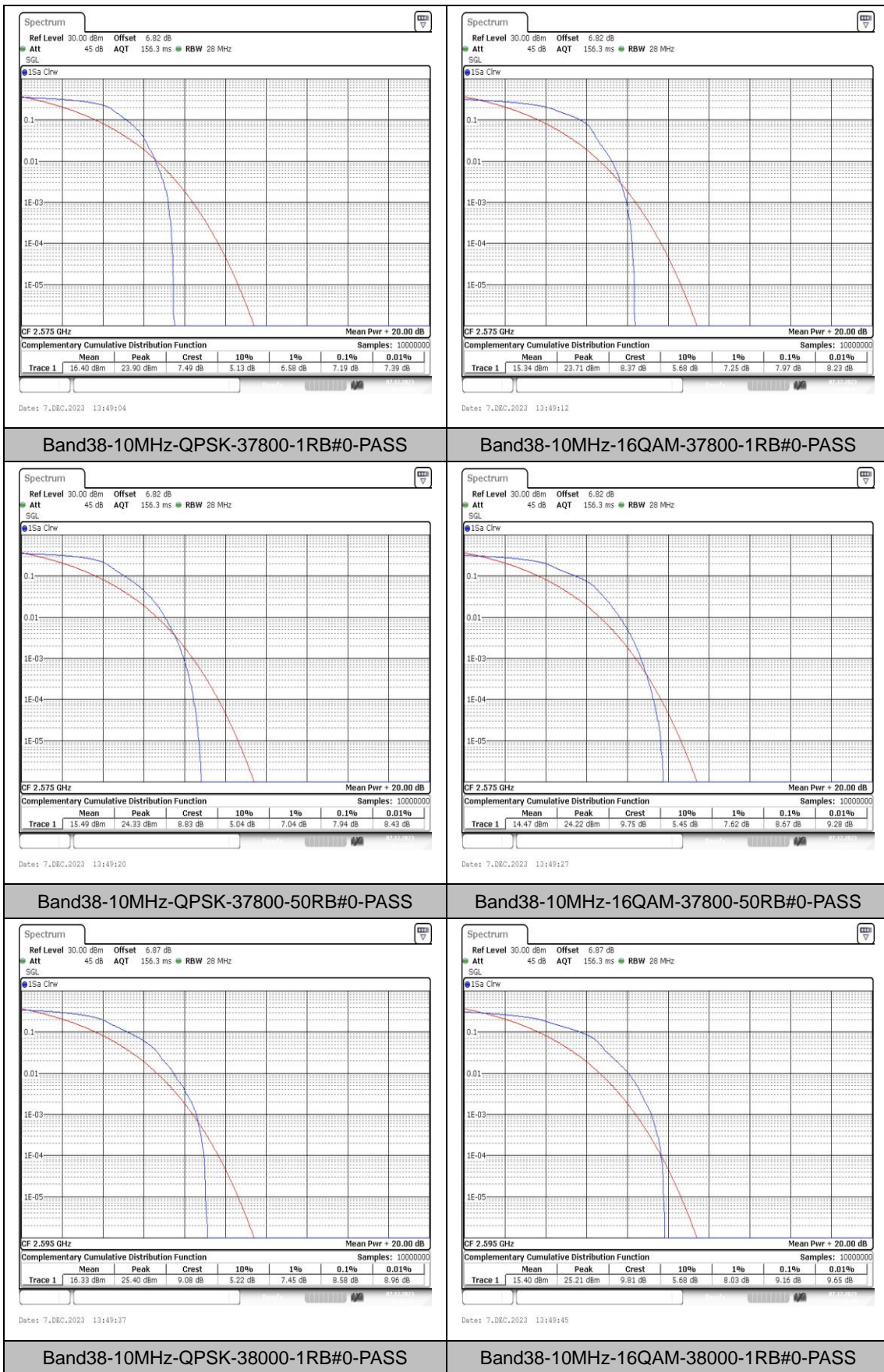
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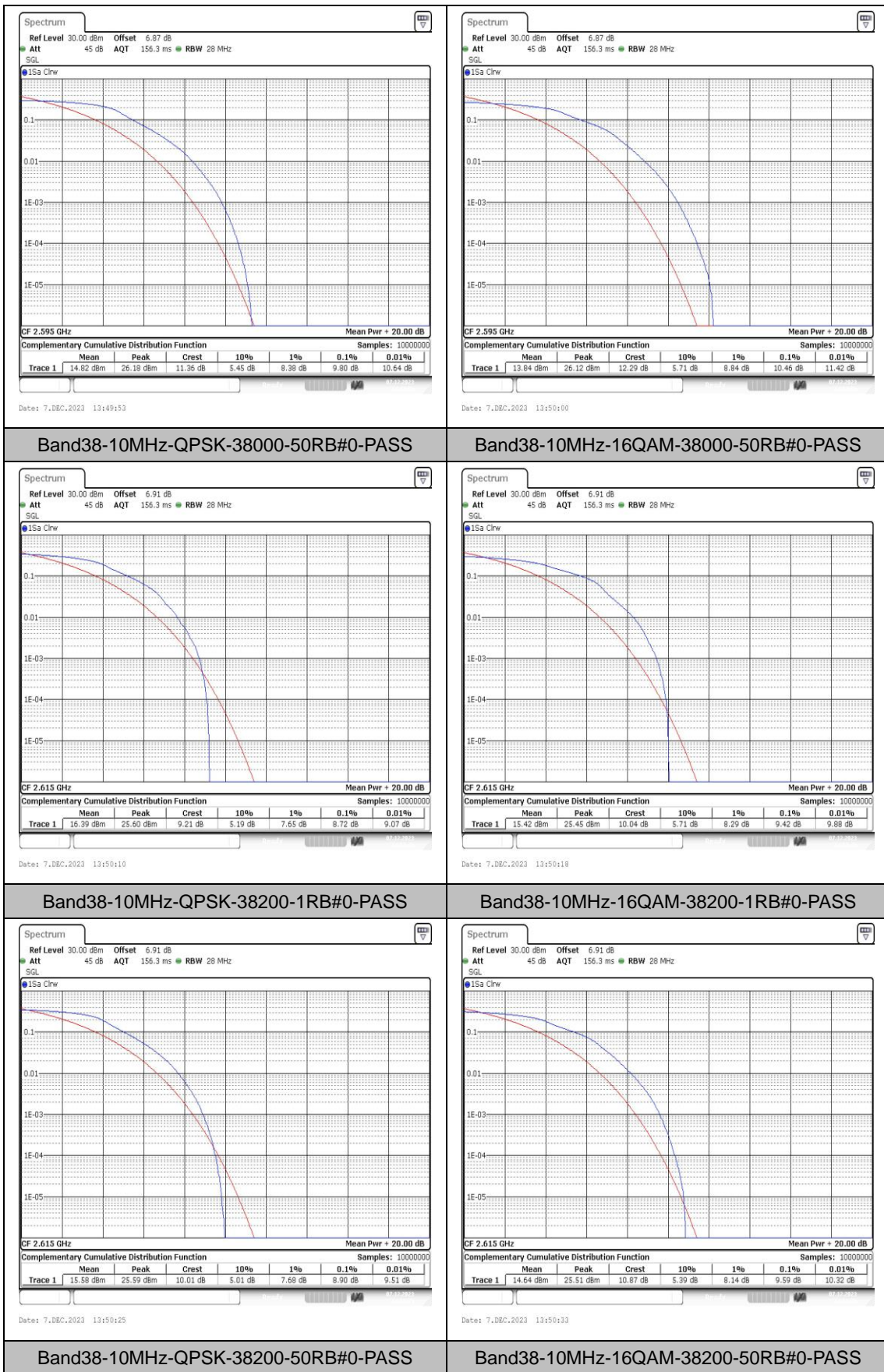


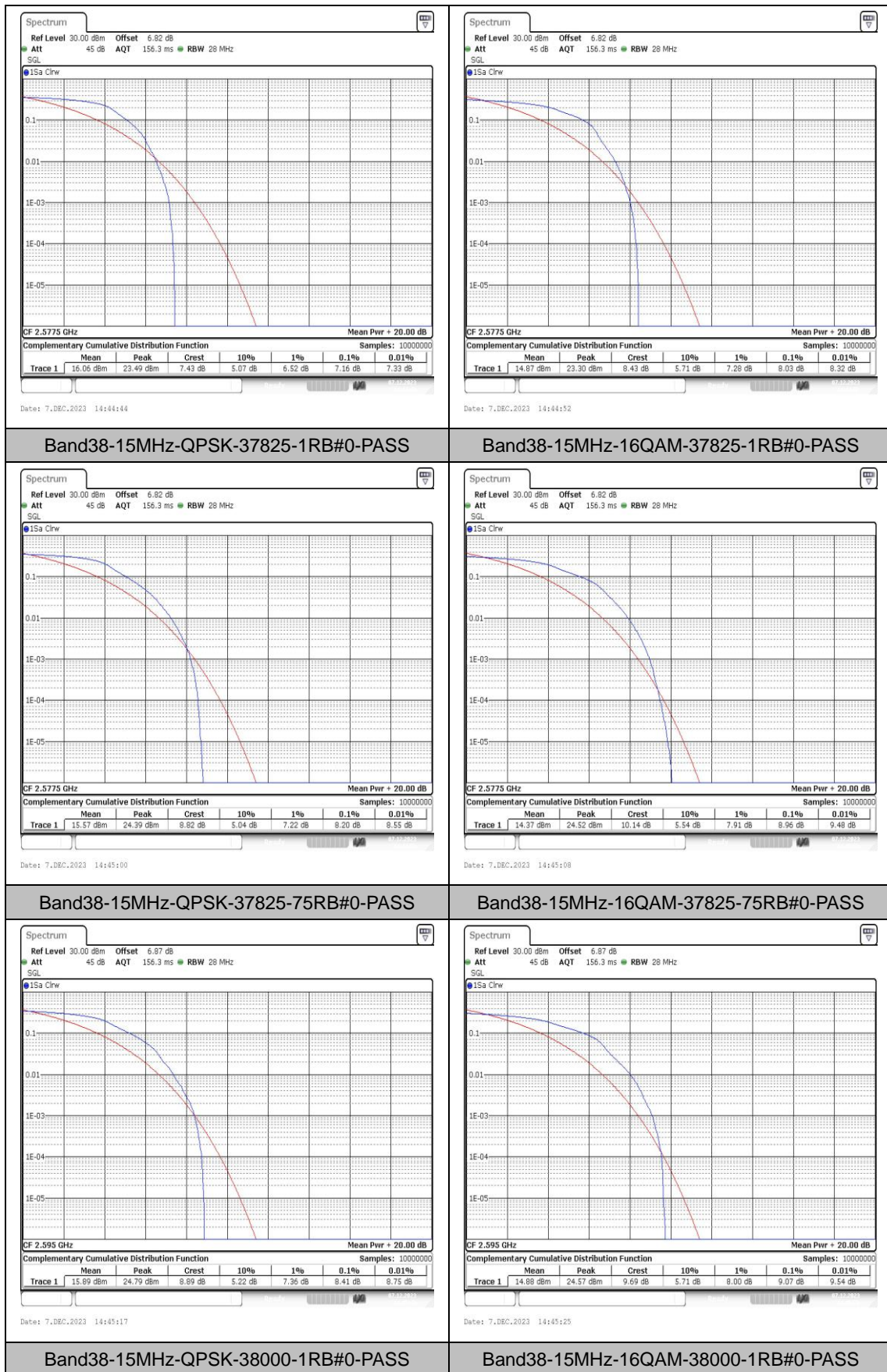
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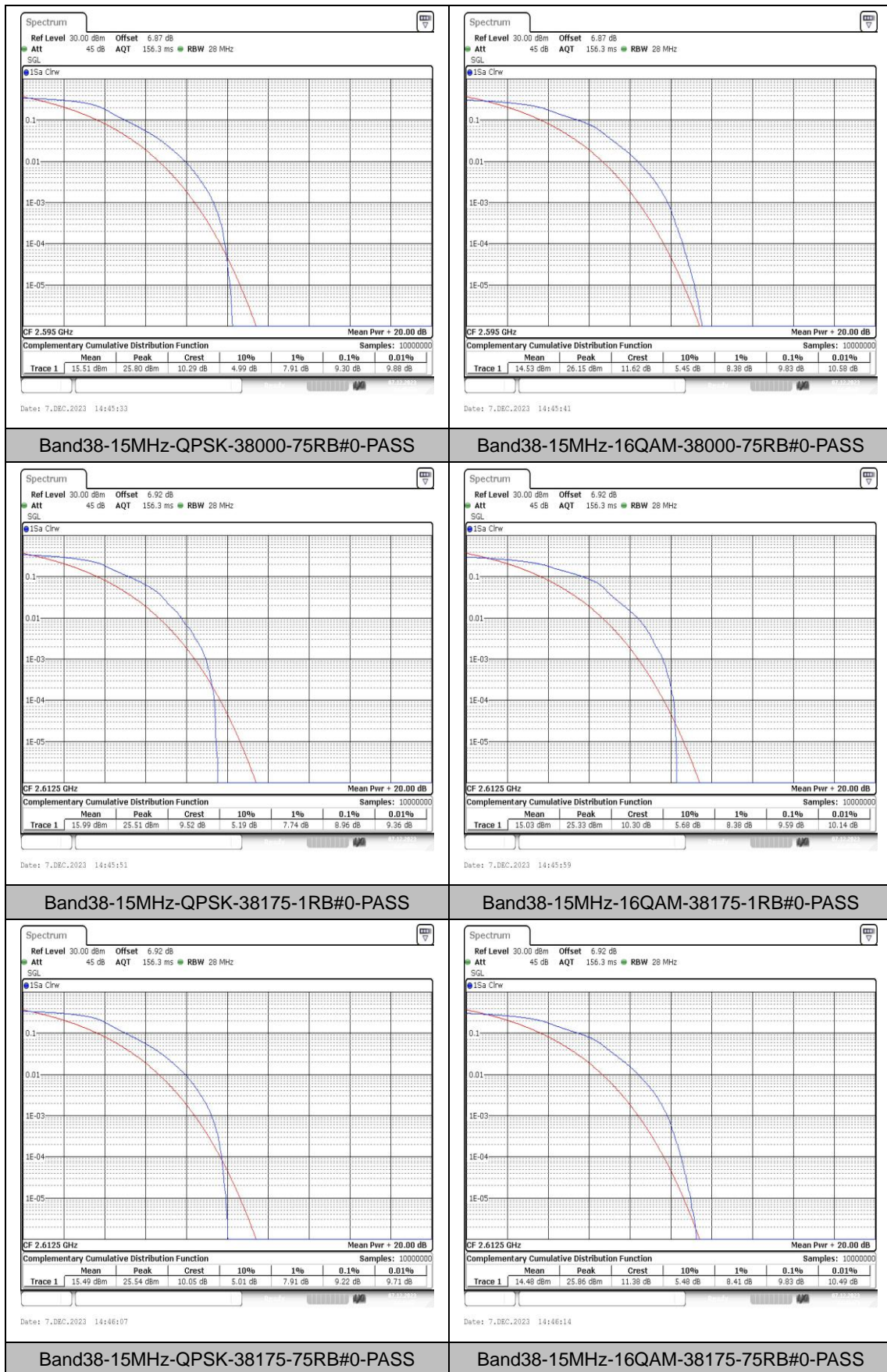
Band38-5MHz-16QAM-38000-1RB#0-PASS

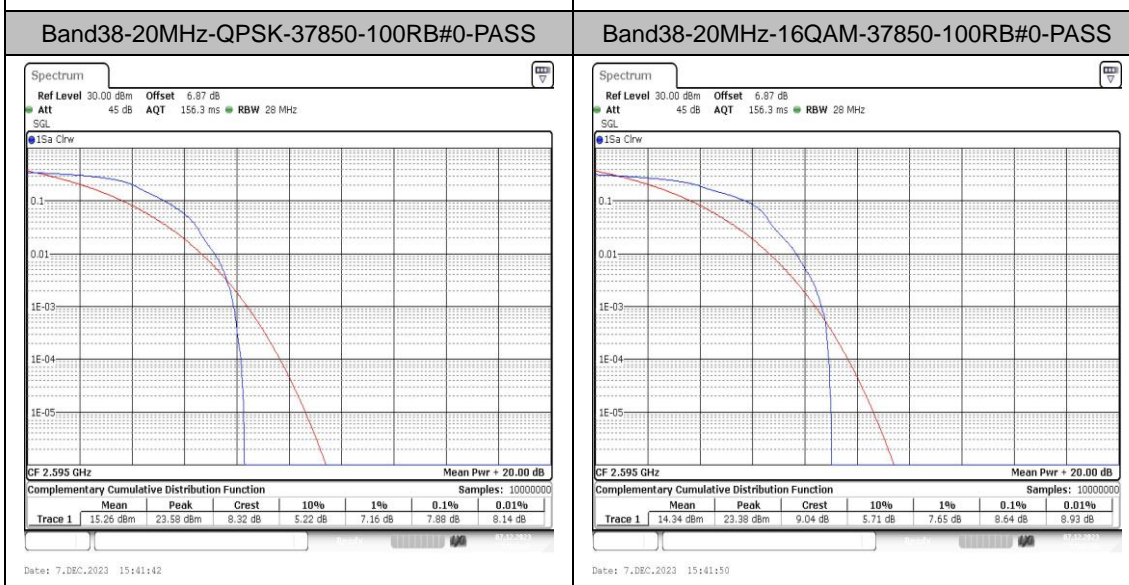
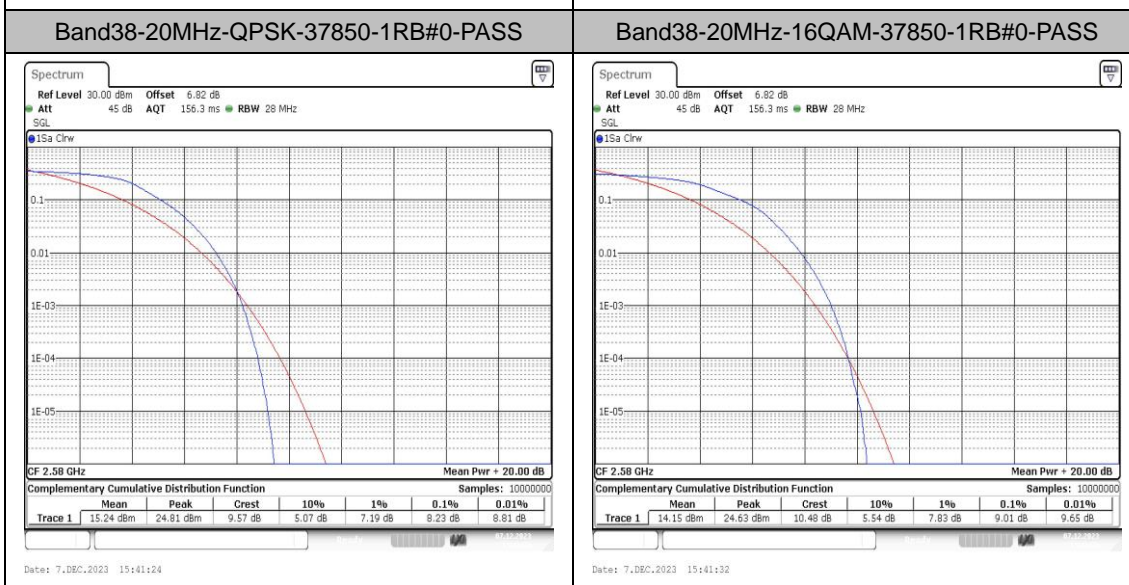
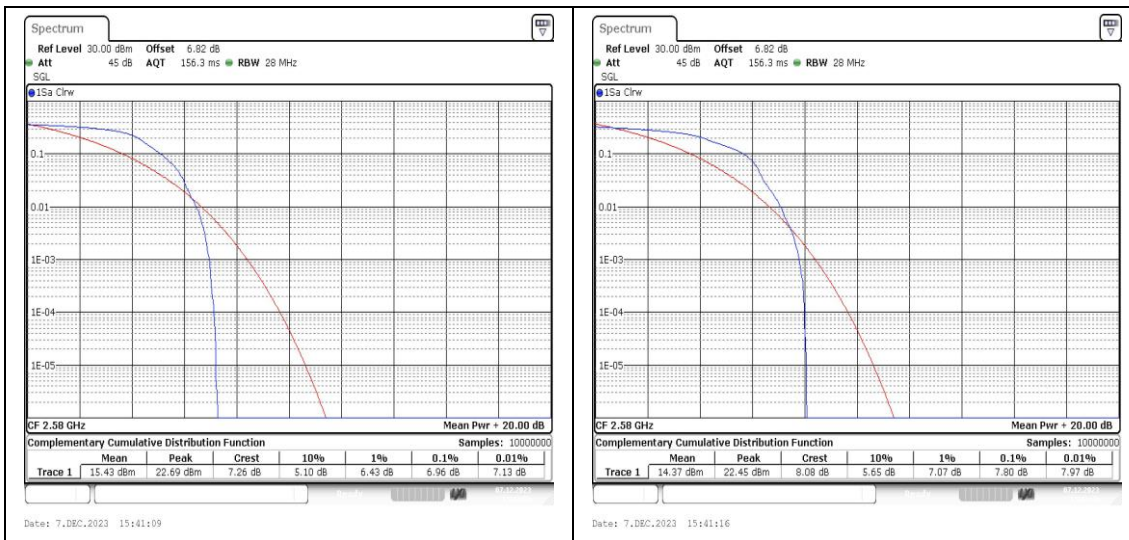


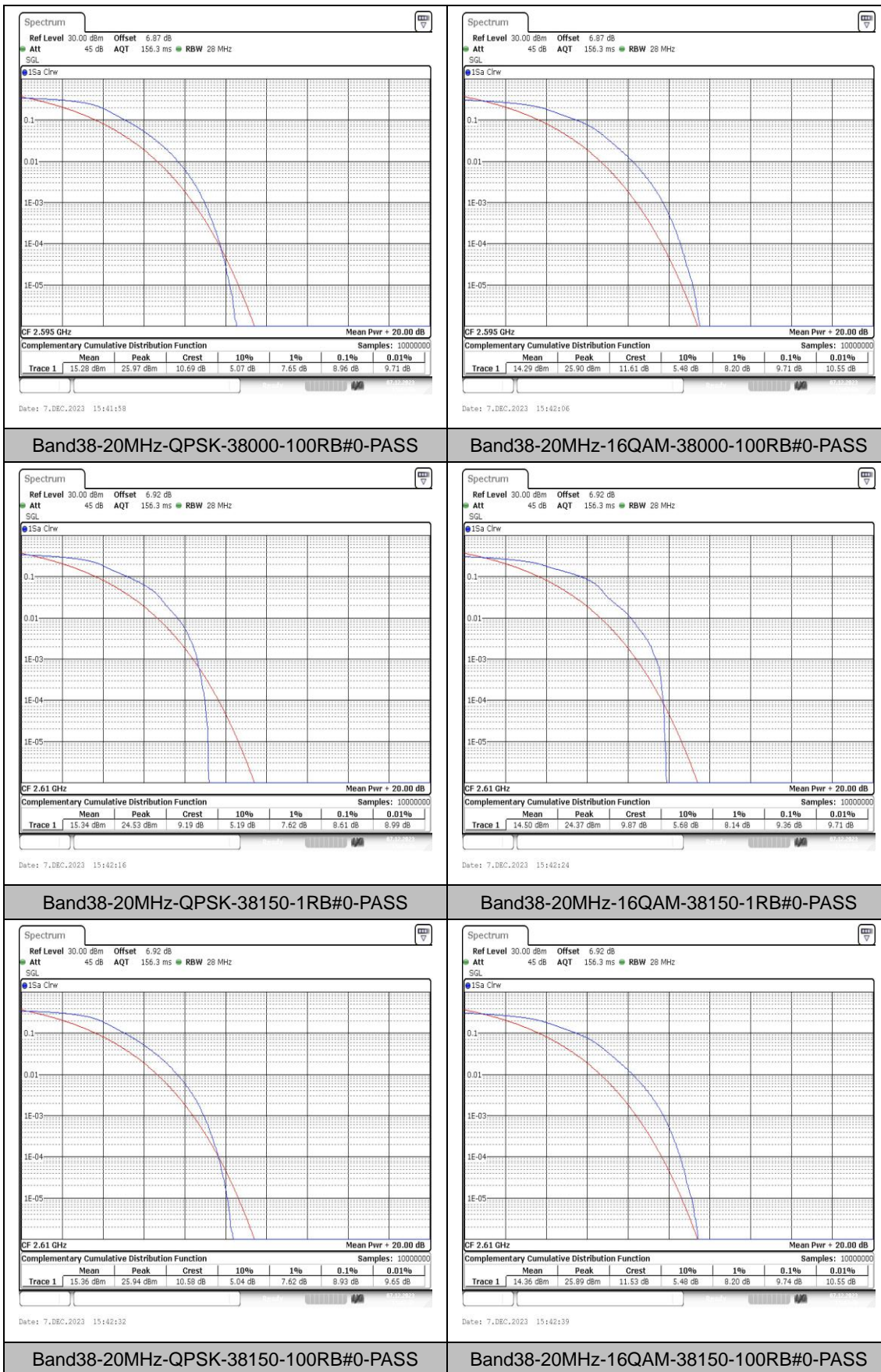










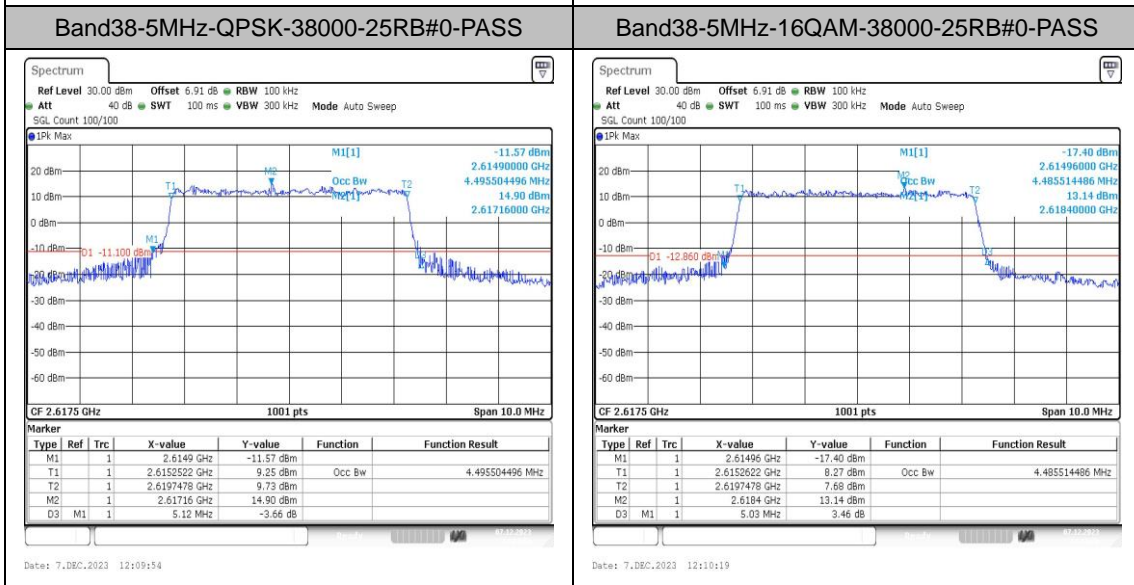
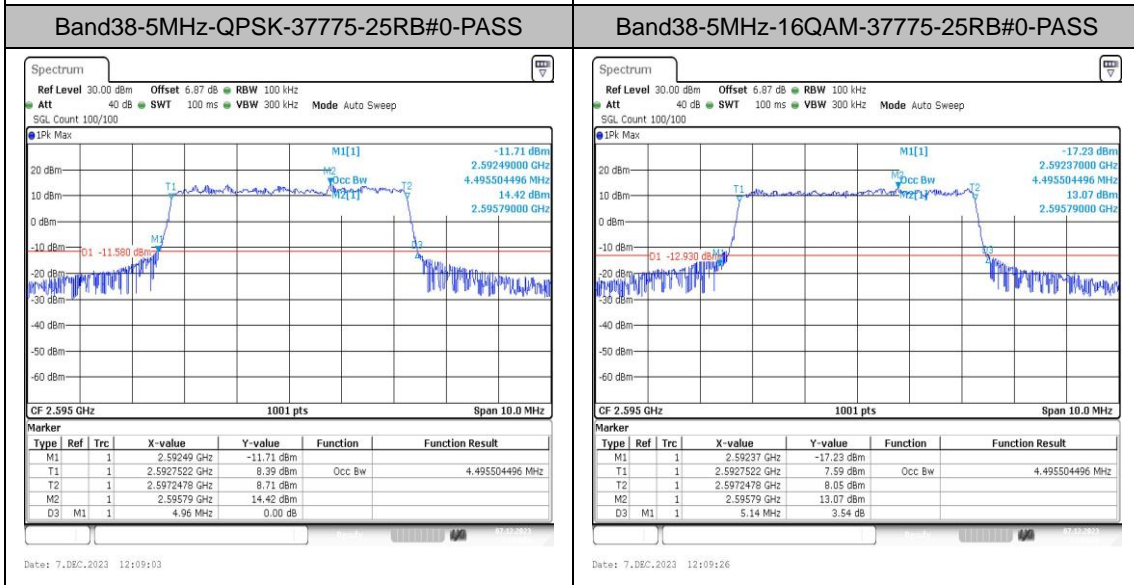
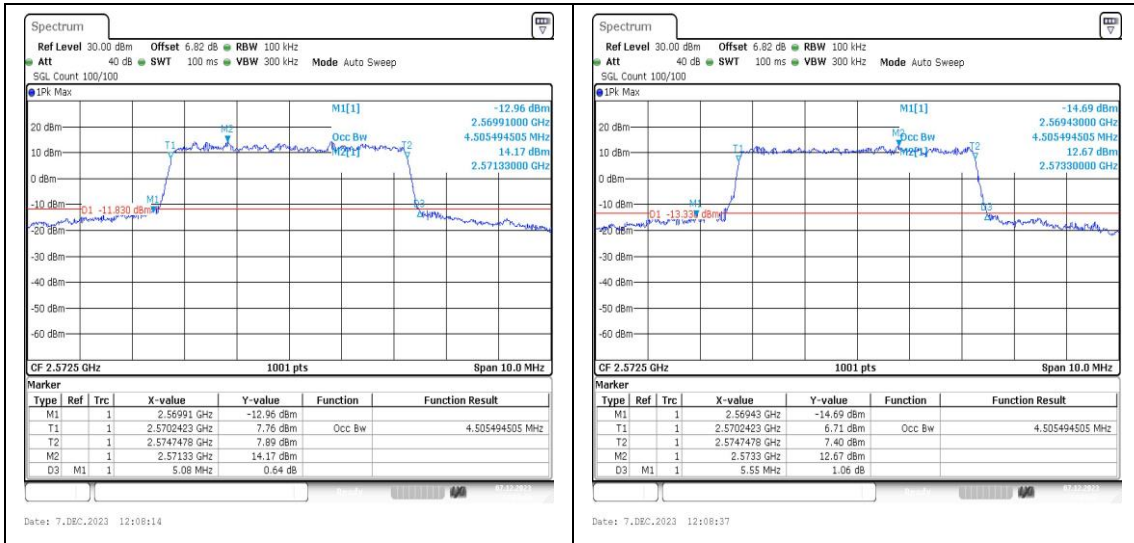


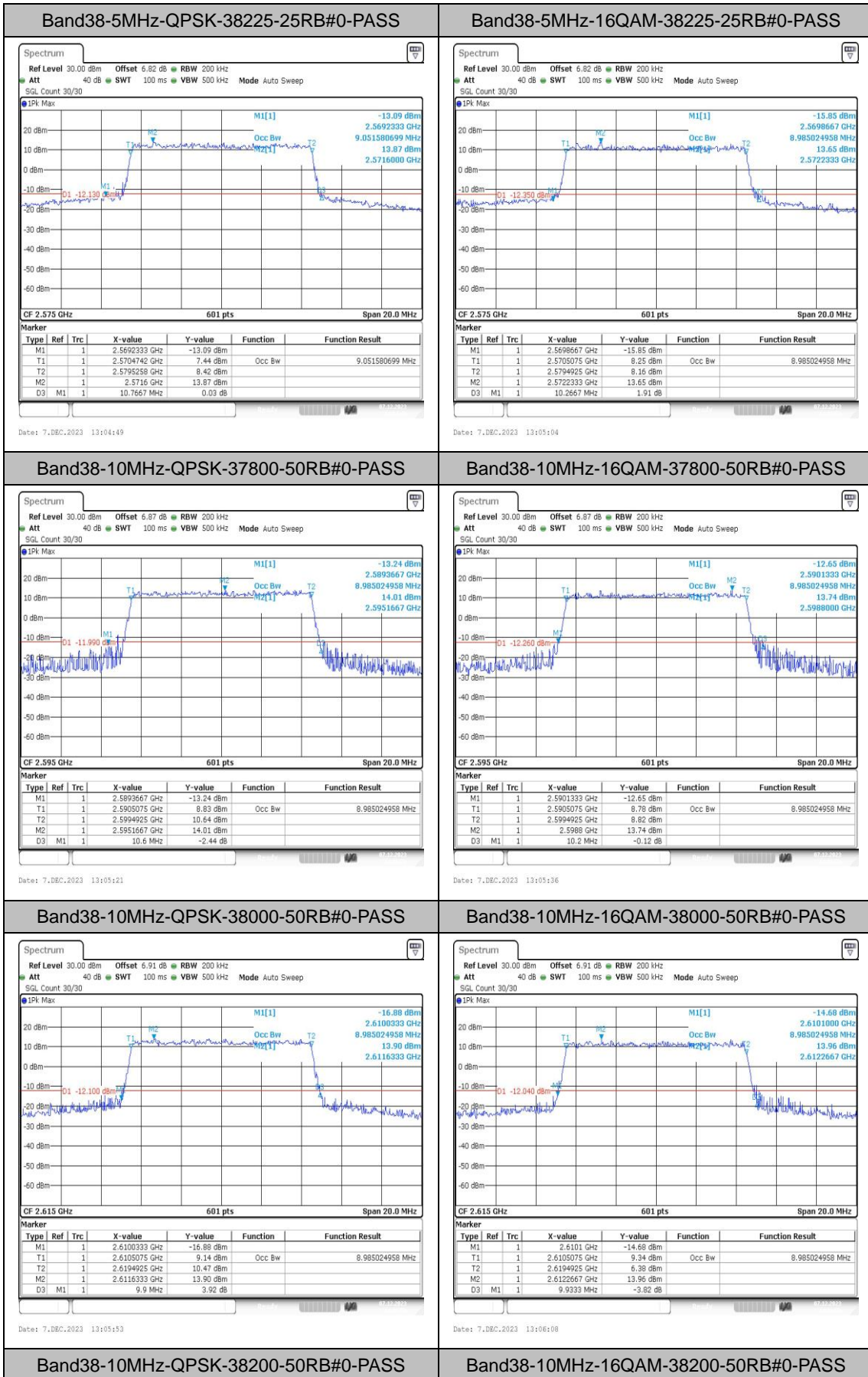
Appendix C: 26dB Bandwidth and Occupied Bandwidth

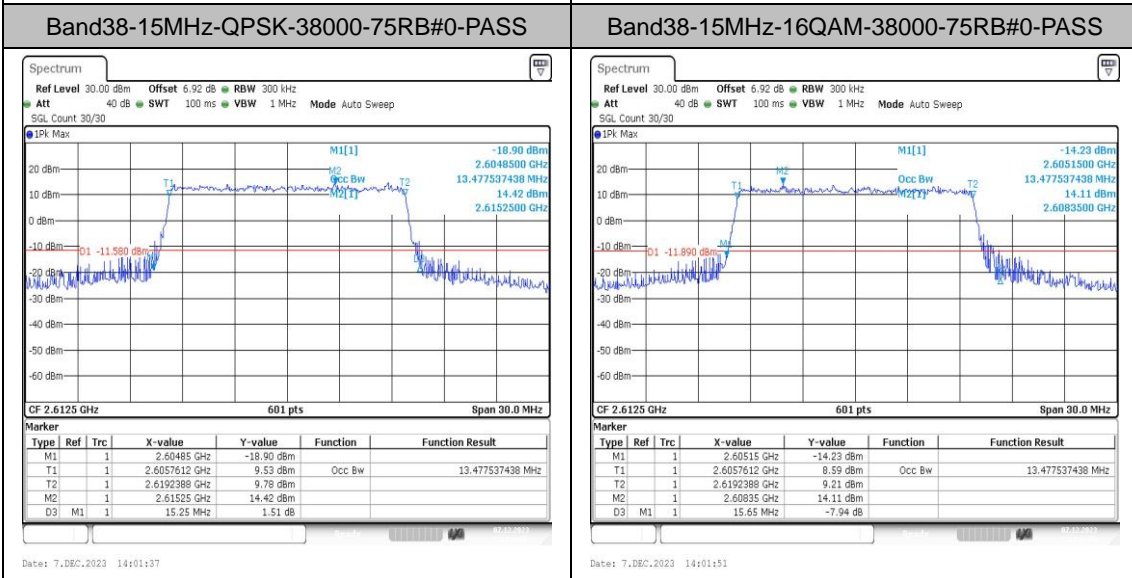
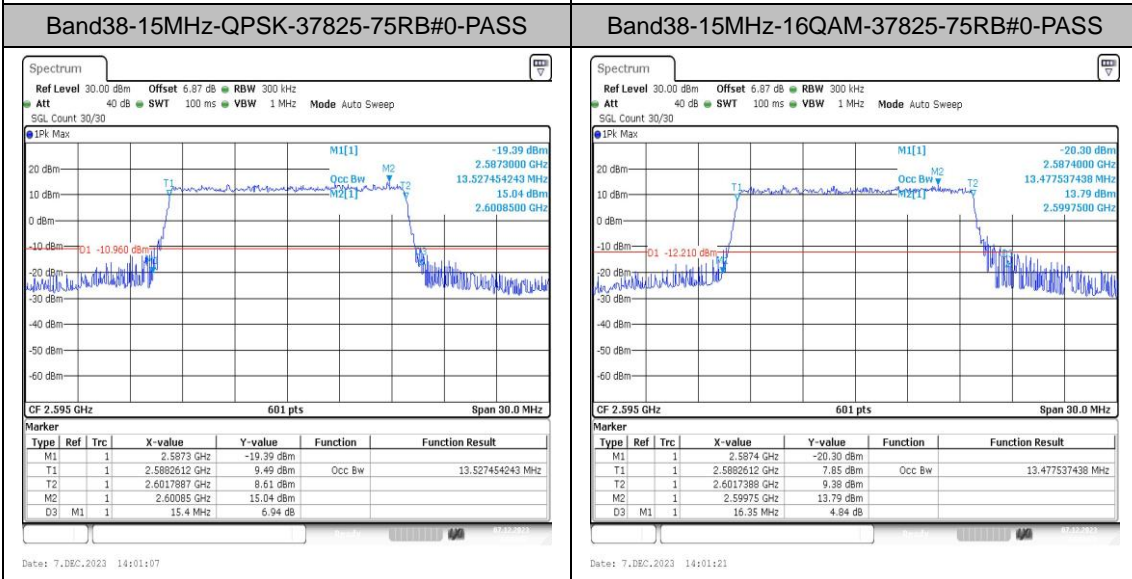
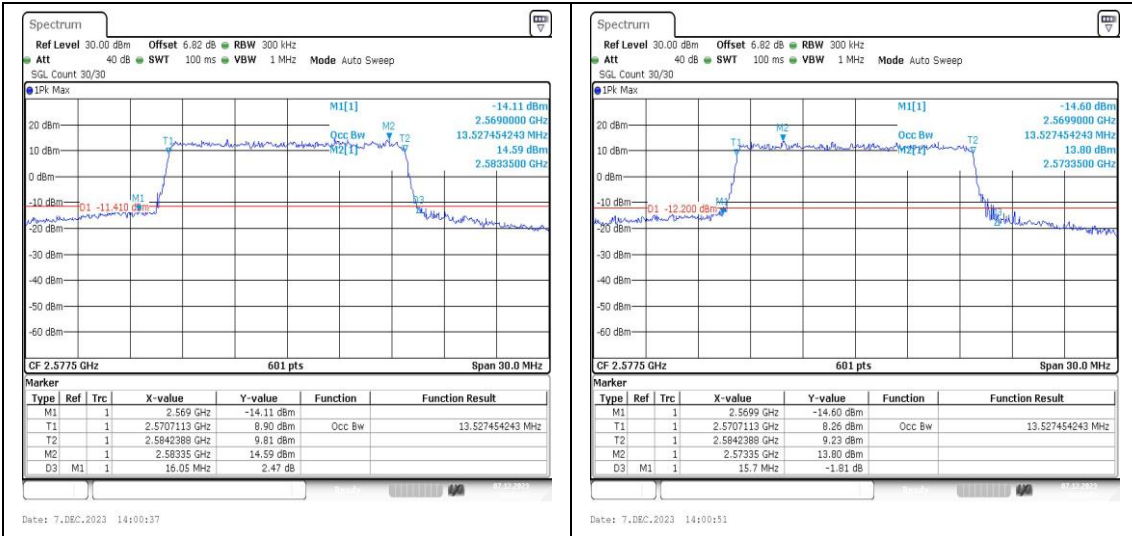
Test Result

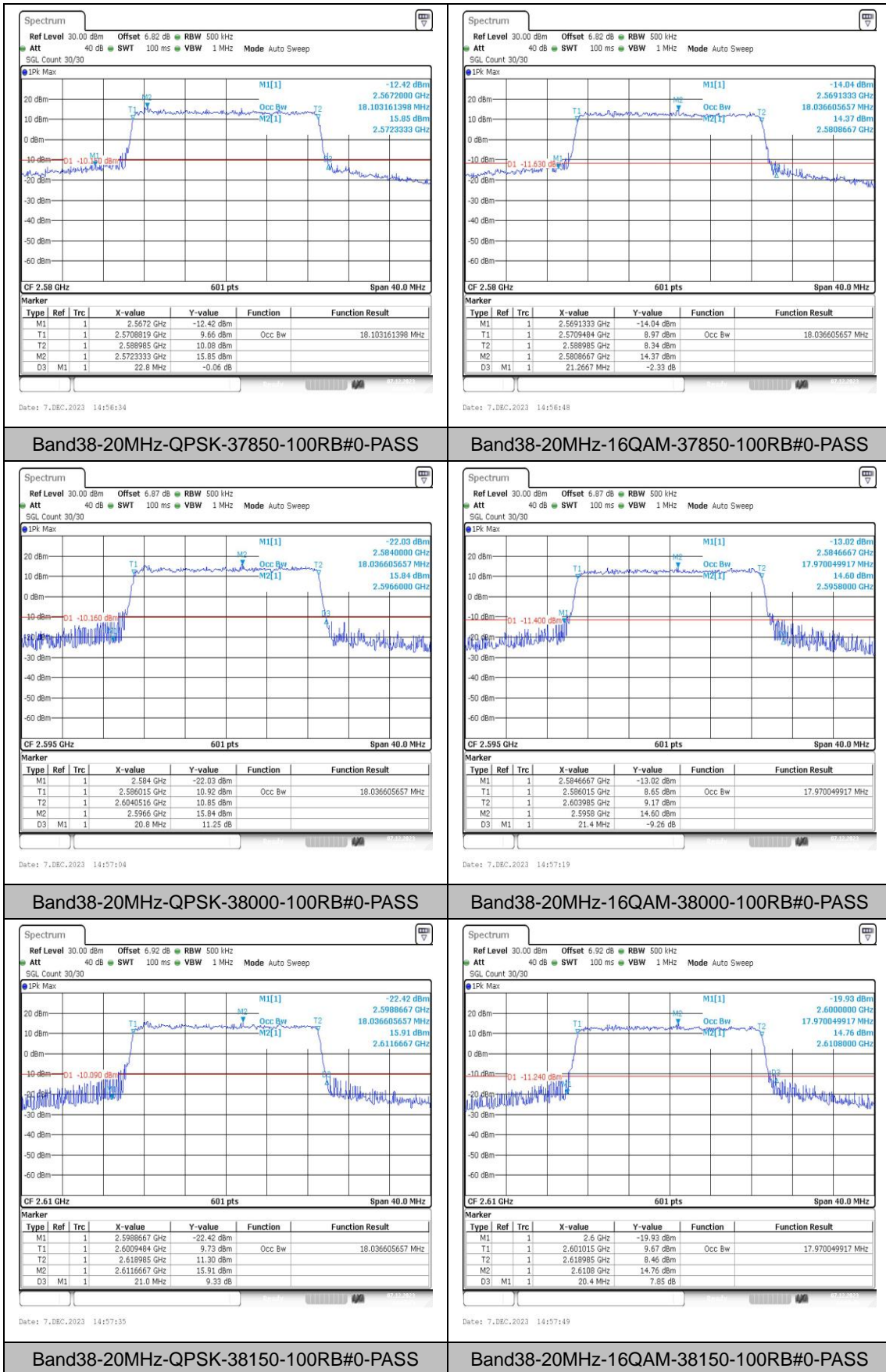
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.505	5.08	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.505	5.55	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.496	4.96	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	5.14	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.496	5.12	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	5.03	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.052	10.77	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.985	10.27	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.985	10.60	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.985	10.20	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.985	9.90	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.985	9.93	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.527	16.05	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.527	15.70	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.527	15.40	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.478	16.35	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.478	15.25	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.478	15.65	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.103	22.80	PASS
Band38	20MHz	16QAM	37850	100RB#0	18.037	21.27	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.037	20.80	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.97	21.40	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.037	21.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.97	20.40	PASS

Test Graphs









Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-19.36	PASS
Band38	5MHz	16QAM	37775	1RB#0	-21.03	PASS
Band38	5MHz	QPSK	37775	1RB#24	-42.61	PASS
Band38	5MHz	16QAM	37775	1RB#24	-42.45	PASS
Band38	5MHz	QPSK	37775	25RB#0	-13.95	PASS
Band38	5MHz	16QAM	37775	25RB#0	-15.62	PASS
Band38	5MHz	QPSK	38225	1RB#0	-42.79	PASS
Band38	5MHz	16QAM	38225	1RB#0	-42.79	PASS
Band38	5MHz	QPSK	38225	1RB#24	-18.62	PASS
Band38	5MHz	16QAM	38225	1RB#24	-20.96	PASS
Band38	5MHz	QPSK	38225	25RB#0	-35.36	PASS
Band38	5MHz	16QAM	38225	25RB#0	-21.67	PASS
Band38	10MHz	QPSK	37800	1RB#0	-20.68	PASS
Band38	10MHz	16QAM	37800	1RB#0	-23.11	PASS
Band38	10MHz	QPSK	37800	1RB#49	-42.99	PASS
Band38	10MHz	16QAM	37800	1RB#49	-43.01	PASS
Band38	10MHz	QPSK	37800	50RB#0	-16.46	PASS
Band38	10MHz	16QAM	37800	50RB#0	-17.96	PASS
Band38	10MHz	QPSK	38200	1RB#0	-43.01	PASS
Band38	10MHz	16QAM	38200	1RB#0	-43.08	PASS
Band38	10MHz	QPSK	38200	1RB#49	-21.55	PASS
Band38	10MHz	16QAM	38200	1RB#49	-22.60	PASS
Band38	10MHz	QPSK	38200	50RB#0	-37.75	PASS
Band38	10MHz	16QAM	38200	50RB#0	-38.22	PASS
Band38	15MHz	QPSK	37825	1RB#0	-22.24	PASS
Band38	15MHz	16QAM	37825	1RB#0	-22.29	PASS
Band38	15MHz	QPSK	37825	1RB#74	-43.11	PASS
Band38	15MHz	16QAM	37825	1RB#74	-42.98	PASS
Band38	15MHz	QPSK	37825	75RB#0	-19.21	PASS
Band38	15MHz	16QAM	37825	75RB#0	-20.73	PASS
Band38	15MHz	QPSK	38175	1RB#0	-43.22	PASS
Band38	15MHz	16QAM	38175	1RB#0	-43.20	PASS
Band38	15MHz	QPSK	38175	1RB#74	-22.65	PASS
Band38	15MHz	16QAM	38175	1RB#74	-24.61	PASS
Band38	15MHz	QPSK	38175	75RB#0	-37.80	PASS
Band38	15MHz	16QAM	38175	75RB#0	-39.21	PASS

Band38	20MHz	QPSK	37850	1RB#0	-22.08	PASS
Band38	20MHz	16QAM	37850	1RB#0	-23.69	PASS
Band38	20MHz	QPSK	37850	1RB#99	-43.32	PASS
Band38	20MHz	16QAM	37850	1RB#99	-43.32	PASS
Band38	20MHz	QPSK	37850	100RB#0	-22.65	PASS
Band38	20MHz	16QAM	37850	100RB#0	-22.97	PASS
Band38	20MHz	QPSK	38150	1RB#0	-43.25	PASS
Band38	20MHz	16QAM	38150	1RB#0	-43.28	PASS
Band38	20MHz	QPSK	38150	1RB#99	-24.80	PASS
Band38	20MHz	16QAM	38150	1RB#99	-24.64	PASS
Band38	20MHz	QPSK	38150	100RB#0	-40.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	-40.57	PASS

Test Graphs

