

Appendix for Band 38

Product Name: Wireless data terminal

Model No: SC55G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.57	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.89	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.66	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.96	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.52	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.85	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.55	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.50	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.58	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.53	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.54	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.54	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.56	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.56	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.47	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.70	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.56	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.82	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.44	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.68	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.55	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.52	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.51	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.50	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.53	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.50	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.49	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.49	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.60	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.81	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.69	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.91	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.66	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.86	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.58	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.54	PASS

Band38	5MHz	QPSK	38225	12RB#6	22.64	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.53	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.65	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.55	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.59	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.57	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.67	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.99	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.82	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.06	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.65	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.91	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.68	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.79	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.69	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.76	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.68	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.77	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.66	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.61	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.68	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.58	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.88	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.68	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.59	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.35	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.63	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.56	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.58	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.56	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.59	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.55	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.57	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.52	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.70	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.89	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.88	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.05	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.70	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.89	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.69	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.72	PASS

Band38	10MHz	QPSK	38200	25RB#12	22.68	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.69	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.70	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.73	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.64	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.60	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.60	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.91	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.57	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.87	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.45	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.72	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.68	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.68	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.66	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.66	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.67	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.66	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.65	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.59	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.75	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.63	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.73	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.55	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.50	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.35	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.65	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.64	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.67	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.65	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.64	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.67	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.66	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.55	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.55	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.77	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.61	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.80	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.53	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.76	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.73	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.71	PASS

Band38	15MHz	QPSK	38175	38RB#18	22.68	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.69	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.69	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.68	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.68	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.63	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.57	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.67	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.78	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.90	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.41	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.49	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.59	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.57	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.54	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.59	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.65	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.62	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.63	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.58	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.60	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.15	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.82	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.35	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.34	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.92	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.58	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.55	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.58	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.56	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.51	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.53	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.51	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.53	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.44	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.50	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.78	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.82	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.42	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.49	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.57	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.54	PASS

Band38	20MHz	QPSK	38150	50RB#25	22.54	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.52	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.52	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.51	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.52	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.49	PASS

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

Test Result

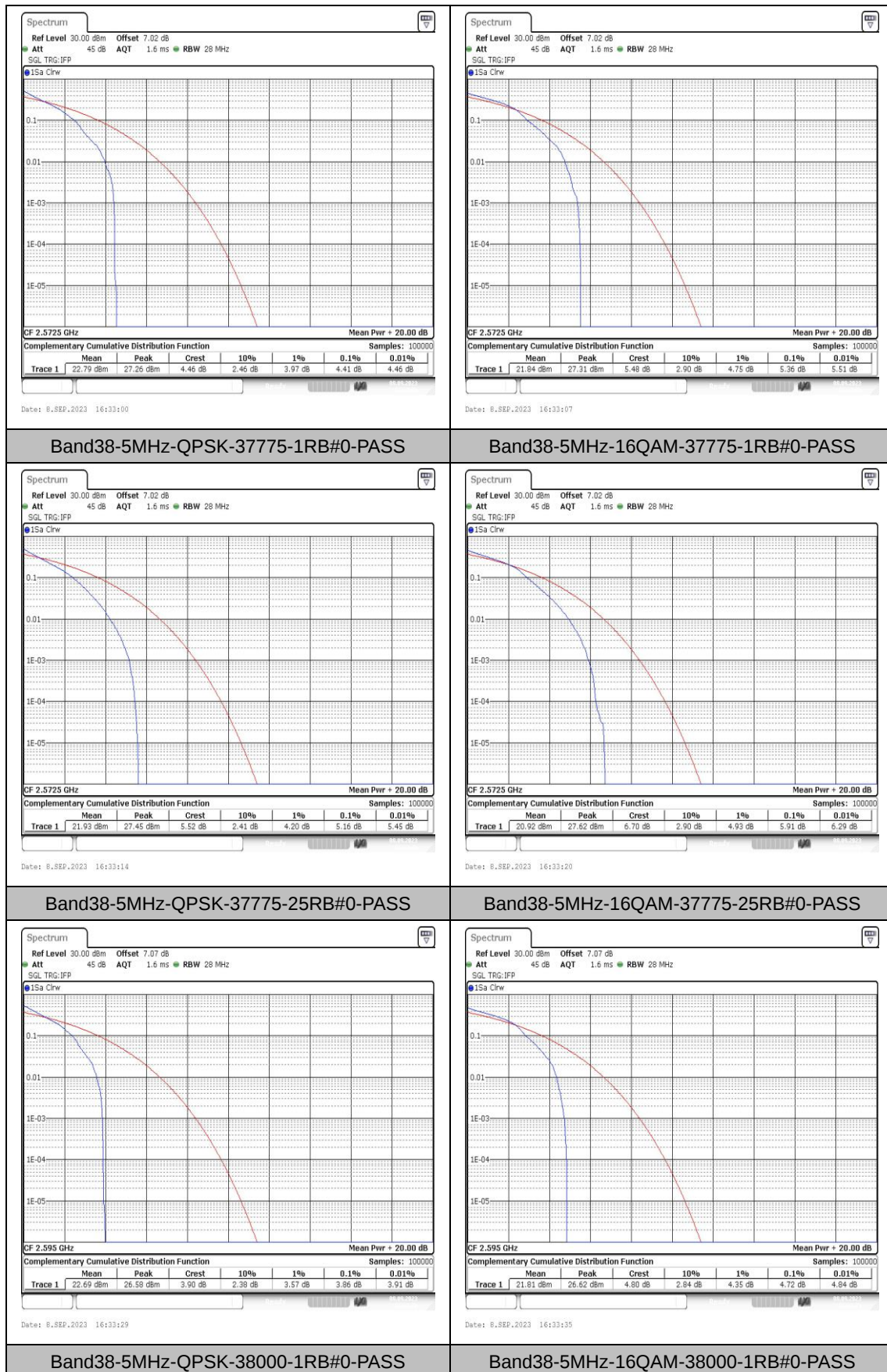
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	4.41	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.36	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.16	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.91	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	3.86	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	4.72	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.61	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.51	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	3.25	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	4.14	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.32	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.30	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	4.26	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.16	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.01	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.88	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	3.80	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	4.72	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	4.67	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.57	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	3.19	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	4.23	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	4.35	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	5.25	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.26	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	8.64	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.49	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	8.49	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	3.91	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	4.81	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.49	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	8.43	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.46	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	4.38	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	8.61	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	5.33	13	PASS

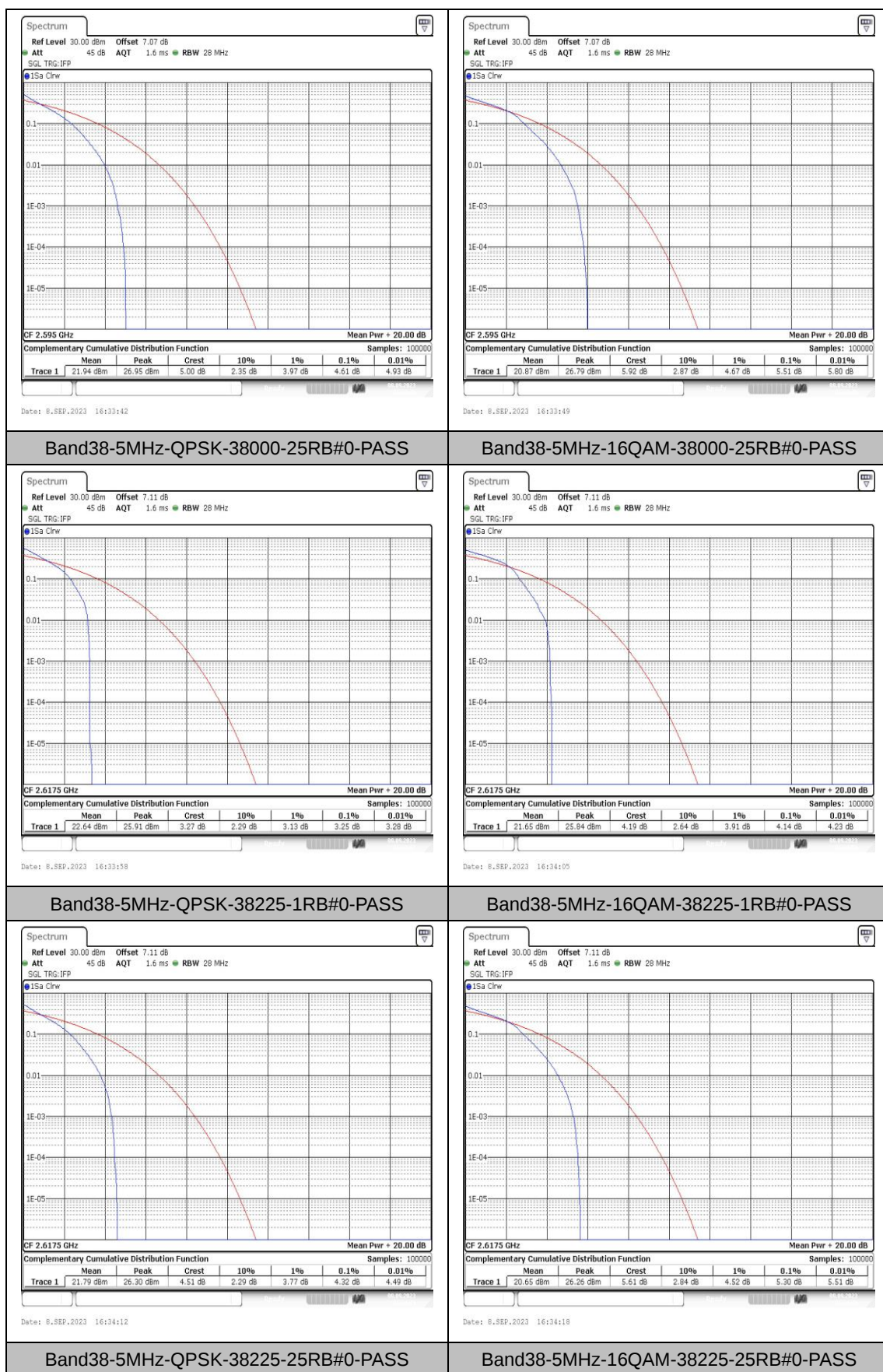
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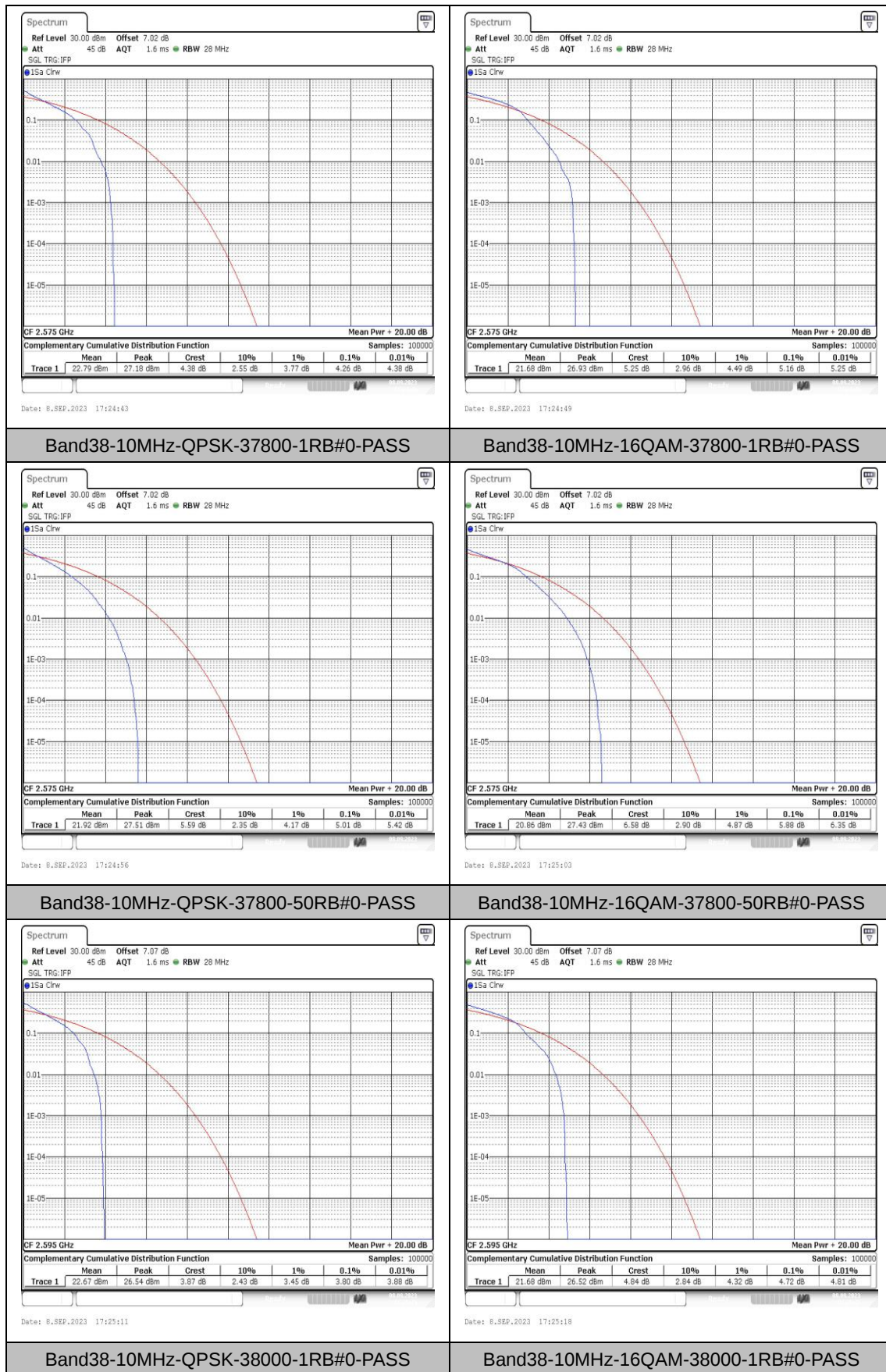
<http://www.waltek.com.cn>

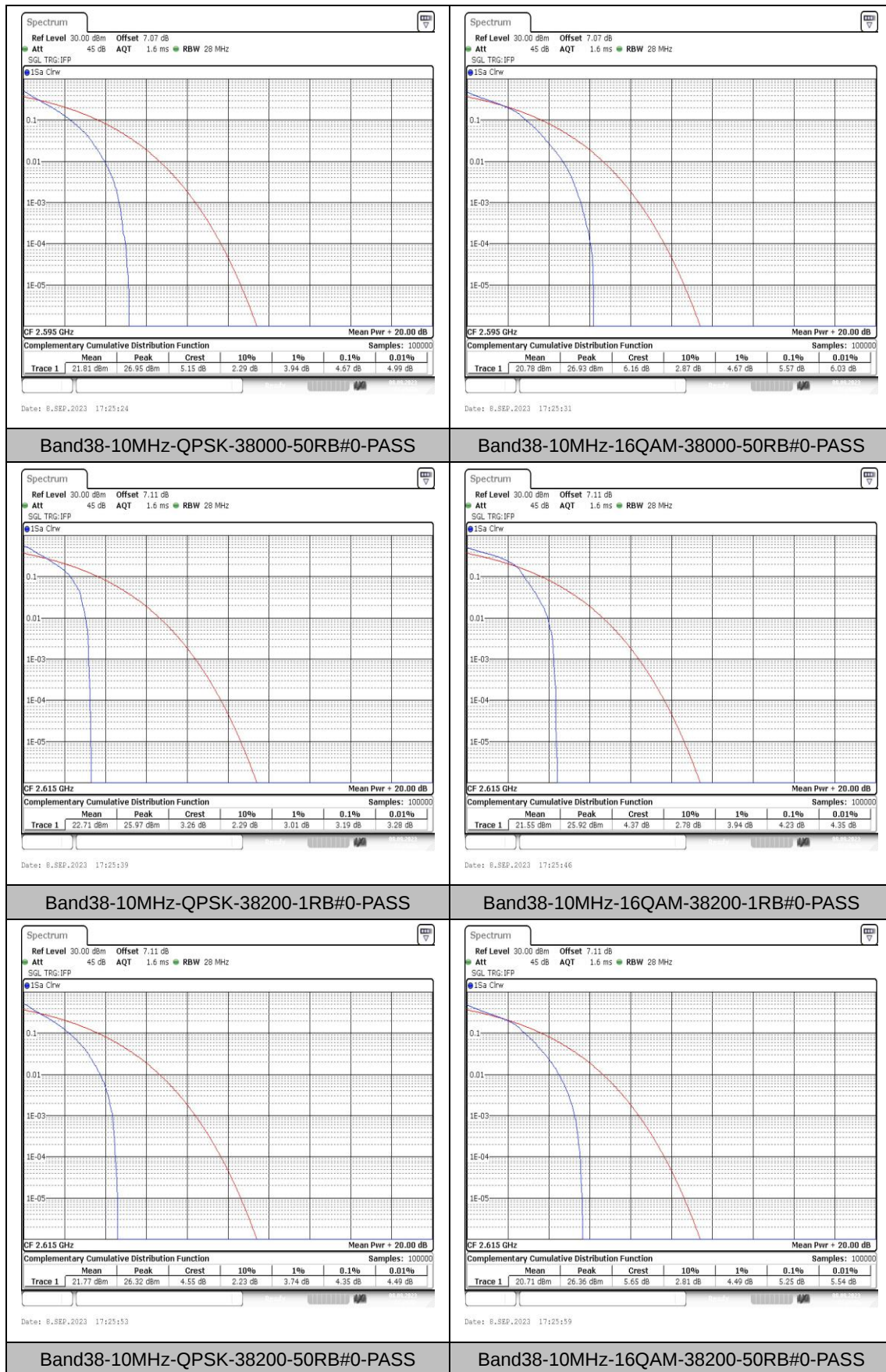
Band38	20MHz	QPSK	37850	1RB#0	4.26	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.10	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	4.93	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	8.58	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	3.94	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	4.38	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	4.67	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.54	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.52	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	4.38	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	4.52	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	5.33	13	PASS

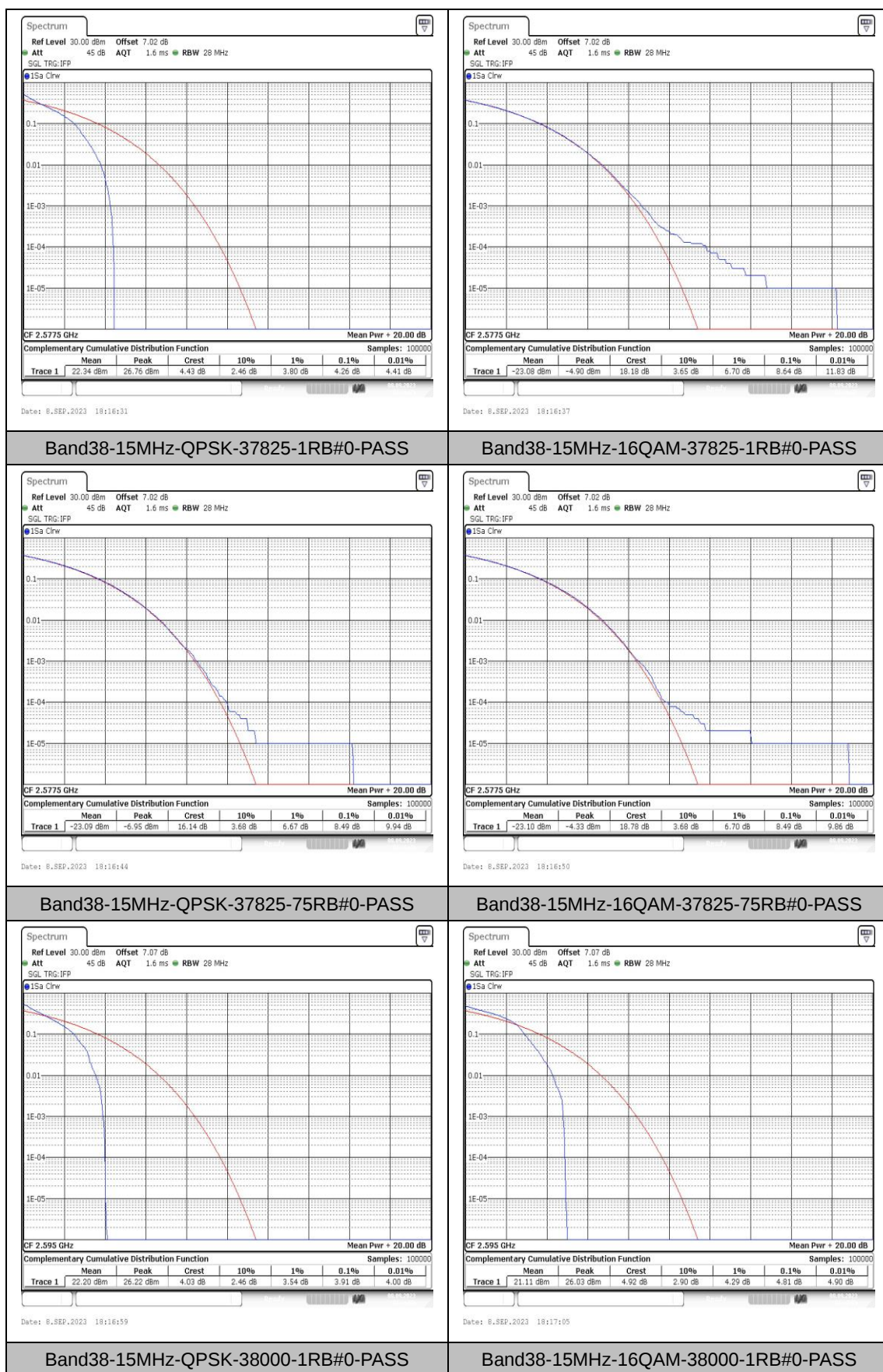
Test Graphs

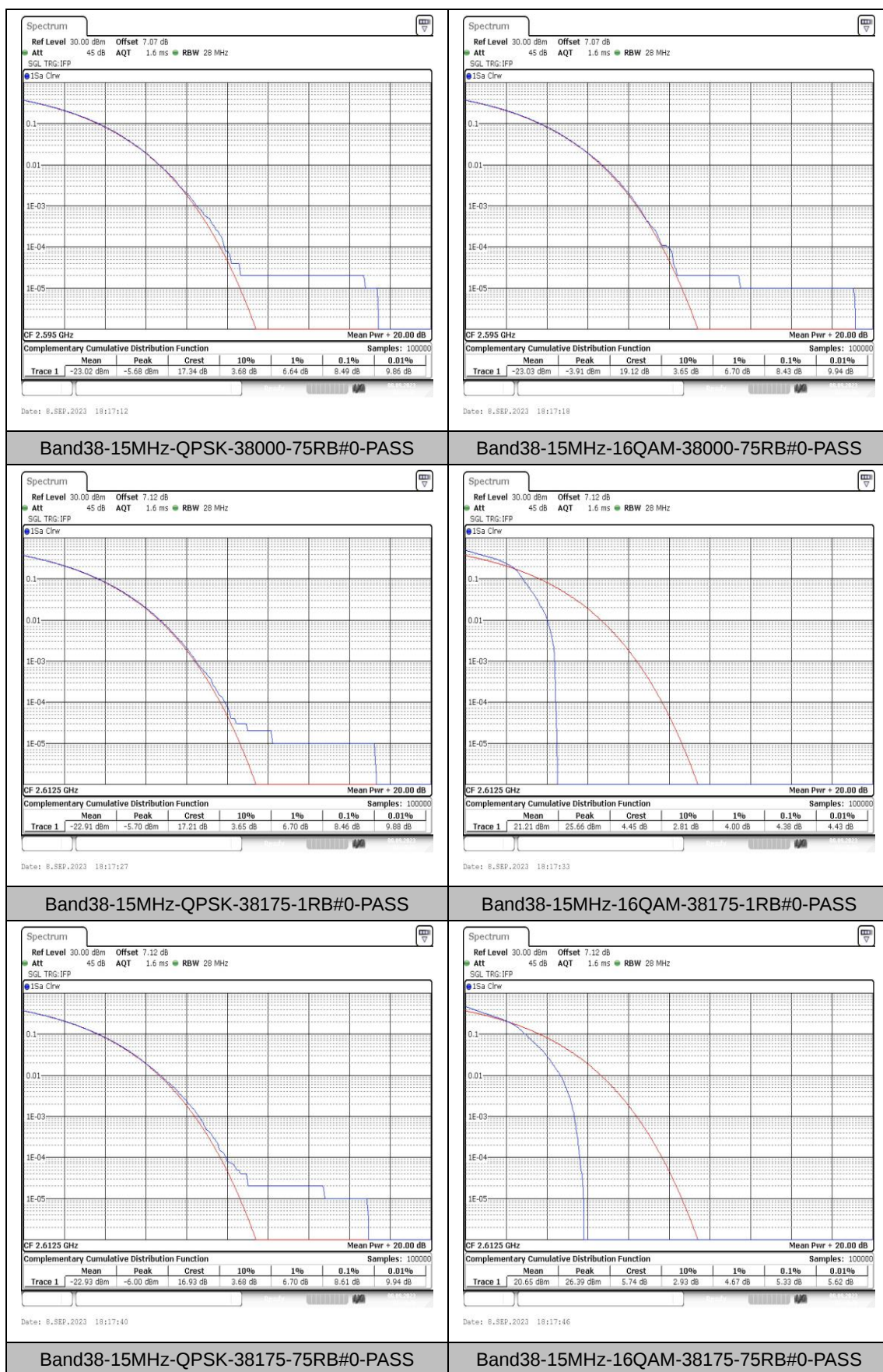


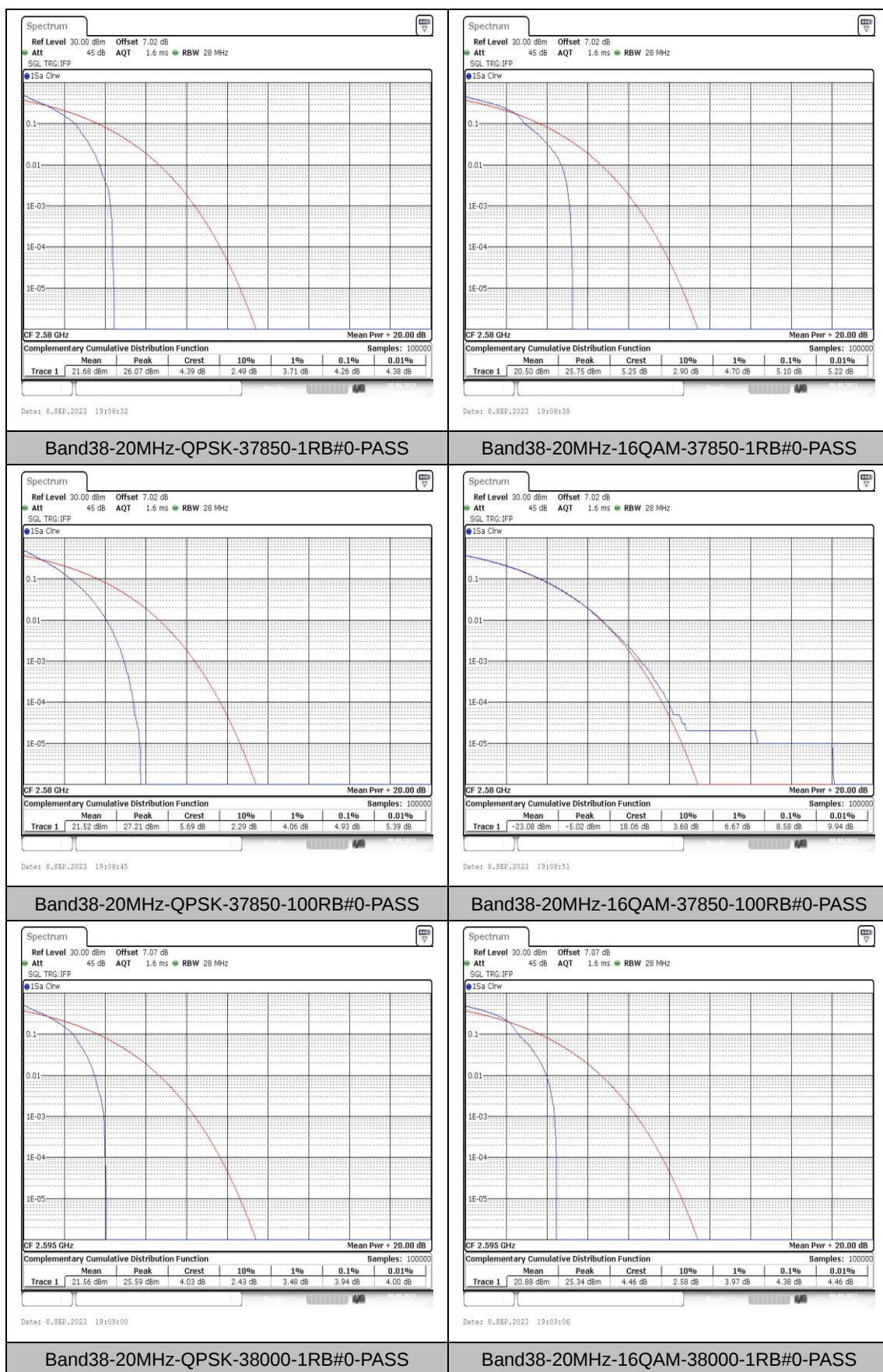


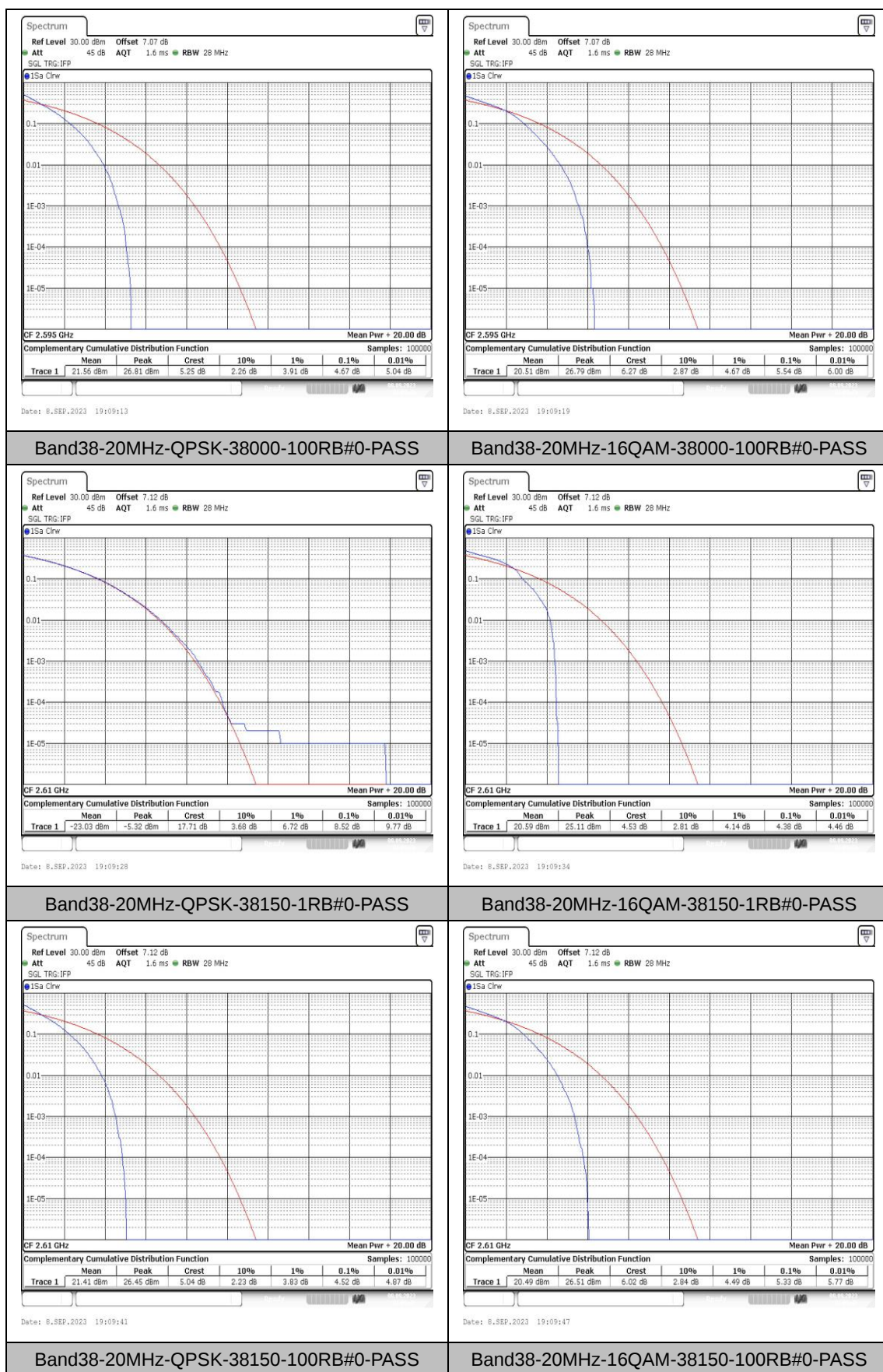










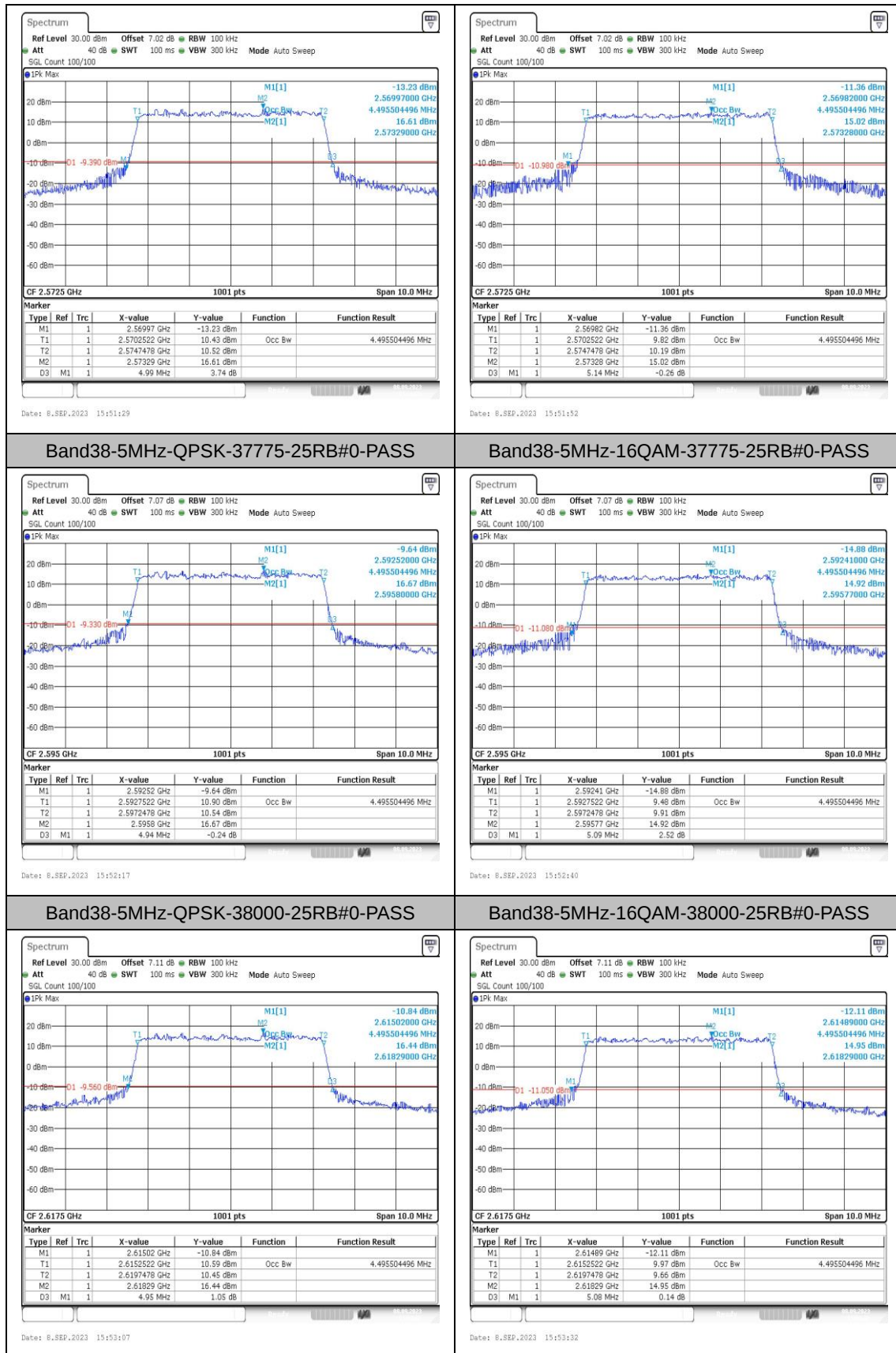


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

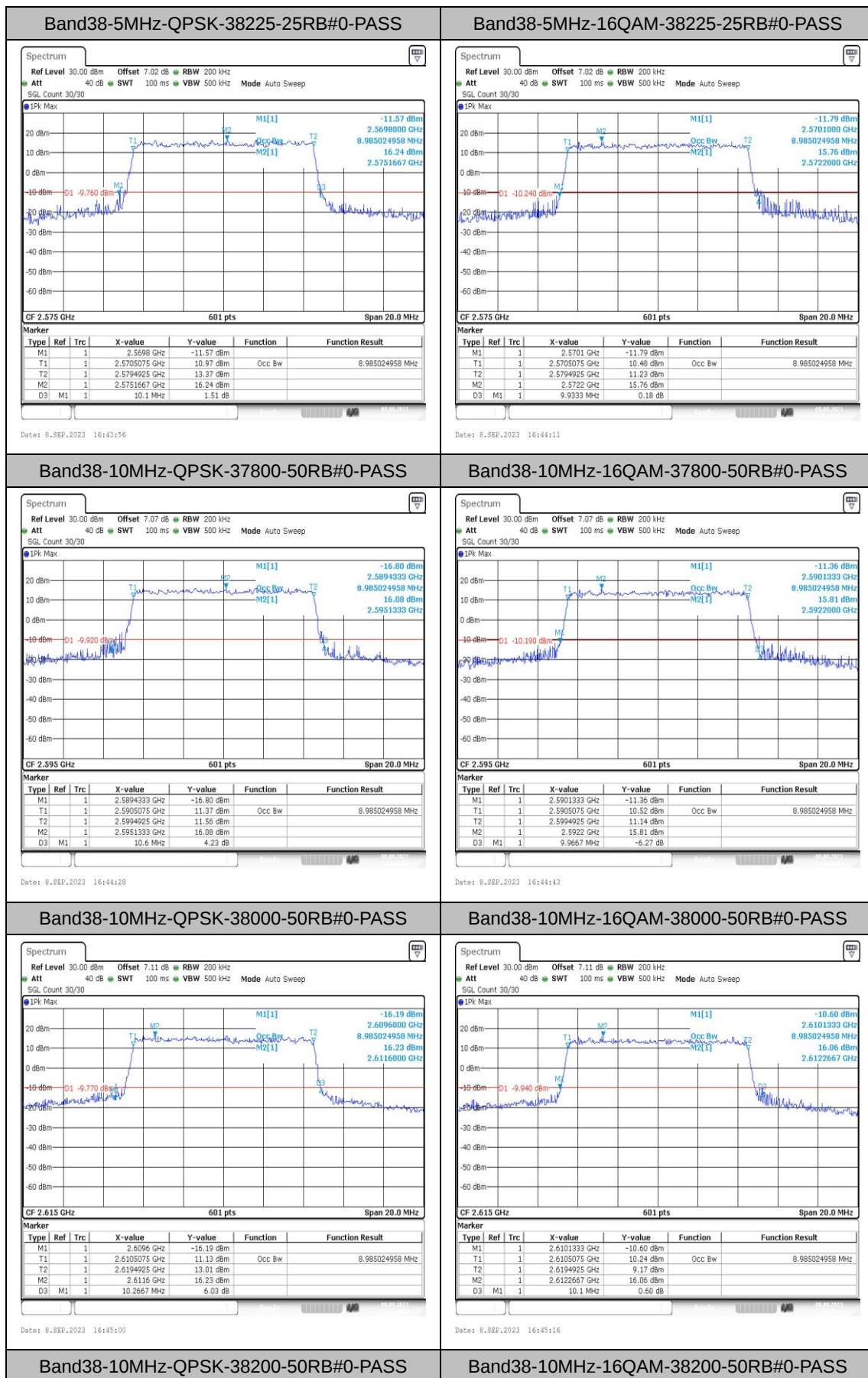
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.496	4.99	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	5.14	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.496	4.94	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	5.09	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.496	4.95	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	5.08	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.985	10.10	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.985	9.93	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.985	10.60	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.985	9.97	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.985	10.27	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.985	10.10	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.478	14.85	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.478	15.40	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.478	15.40	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.478	15.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.478	15.55	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.478	15.50	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.037	20.20	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.97	20.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.037	20.27	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.97	19.93	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.037	20.13	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.97	20.13	PASS

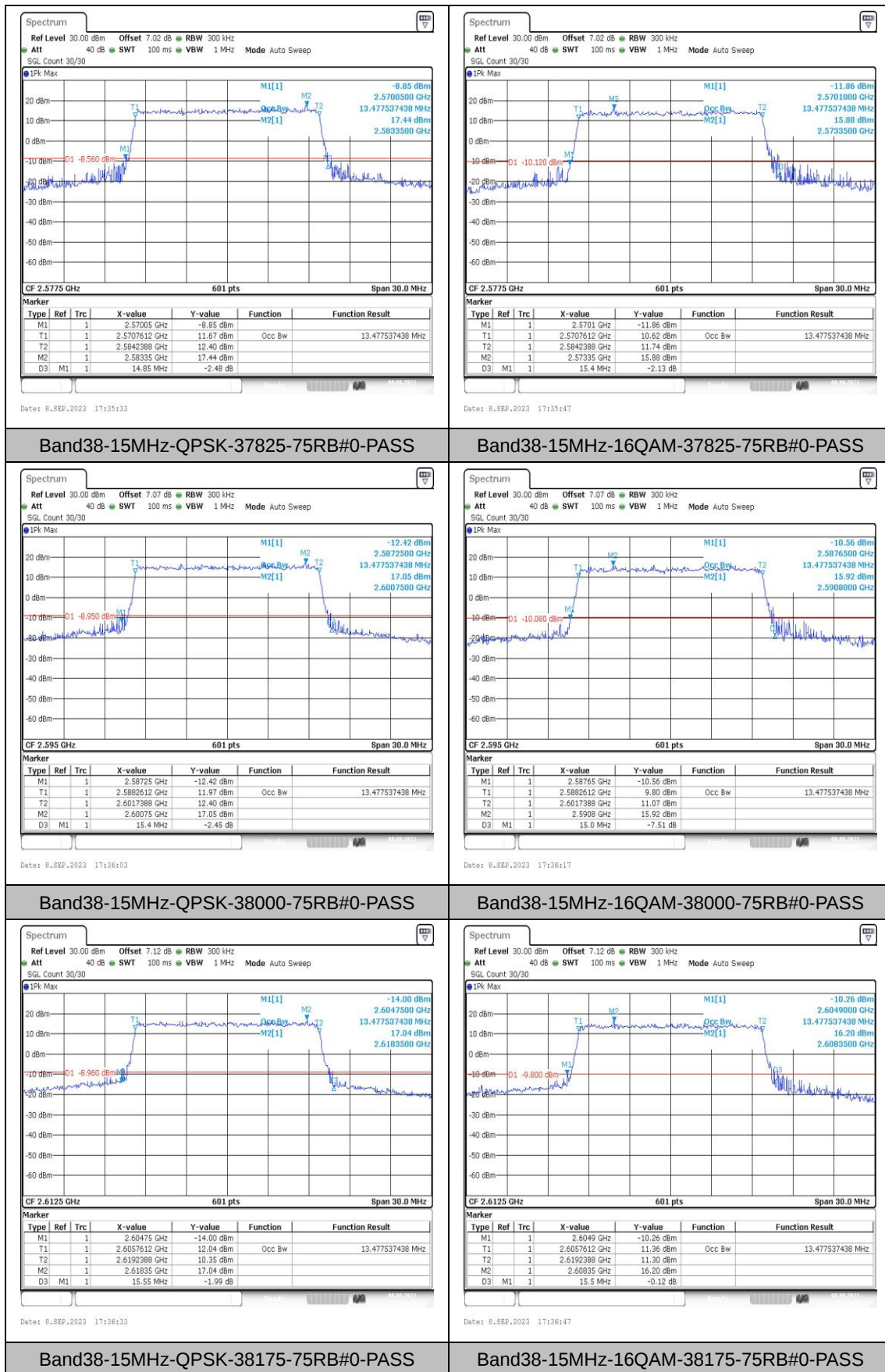
Test Graphs

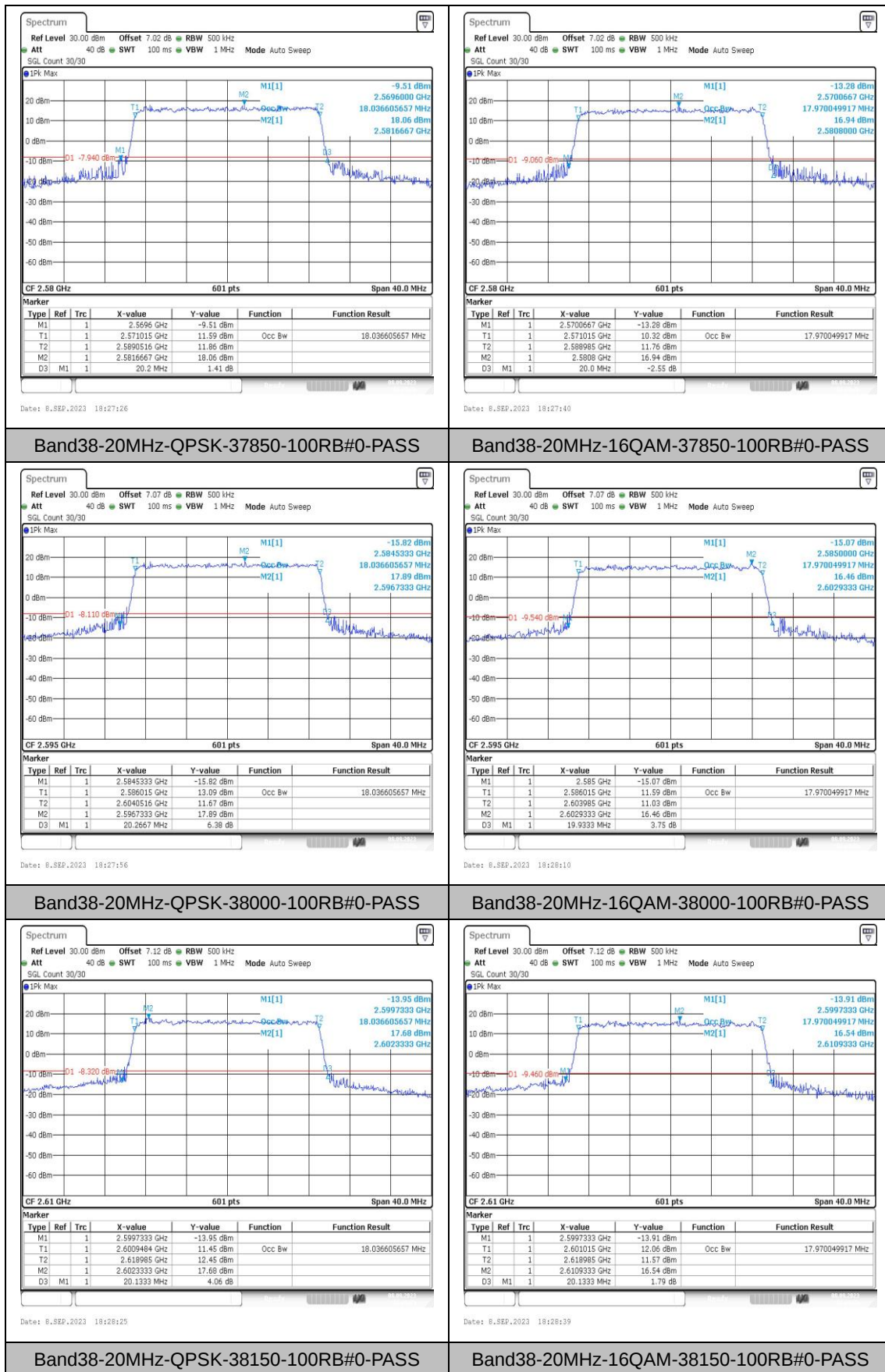


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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-17.58	PASS
Band38	5MHz	16QAM	37775	1RB#0	-18.78	PASS
Band38	5MHz	QPSK	37775	1RB#24	-23.88	PASS
Band38	5MHz	16QAM	37775	1RB#24	-25.58	PASS
Band38	5MHz	QPSK	37775	25RB#0	-35.72	PASS
Band38	5MHz	16QAM	37775	25RB#0	-37.15	PASS
Band38	5MHz	QPSK	38225	1RB#0	-24.82	PASS
Band38	5MHz	16QAM	38225	1RB#0	-25.94	PASS
Band38	5MHz	QPSK	38225	1RB#24	-16.04	PASS
Band38	5MHz	16QAM	38225	1RB#24	-18.58	PASS
Band38	5MHz	QPSK	38225	25RB#0	-17.40	PASS
Band38	5MHz	16QAM	38225	25RB#0	-20.48	PASS
Band38	10MHz	QPSK	37800	1RB#0	-18.03	PASS
Band38	10MHz	16QAM	37800	1RB#0	-21.71	PASS
Band38	10MHz	QPSK	37800	1RB#49	-25.49	PASS
Band38	10MHz	16QAM	37800	1RB#49	-27.08	PASS
Band38	10MHz	QPSK	37800	50RB#0	-35.36	PASS
Band38	10MHz	16QAM	37800	50RB#0	-37.07	PASS
Band38	10MHz	QPSK	38200	1RB#0	-24.89	PASS
Band38	10MHz	16QAM	38200	1RB#0	-26.65	PASS
Band38	10MHz	QPSK	38200	1RB#49	-18.48	PASS
Band38	10MHz	16QAM	38200	1RB#49	-20.41	PASS
Band38	10MHz	QPSK	38200	50RB#0	-19.86	PASS
Band38	10MHz	16QAM	38200	50RB#0	-37.74	PASS
Band38	15MHz	QPSK	37825	1RB#0	-21.48	PASS
Band38	15MHz	16QAM	37825	1RB#0	-21.50	PASS
Band38	15MHz	QPSK	37825	1RB#74	-25.34	PASS
Band38	15MHz	16QAM	37825	1RB#74	-27.17	PASS
Band38	15MHz	QPSK	37825	75RB#0	-35.35	PASS
Band38	15MHz	16QAM	37825	75RB#0	-36.97	PASS
Band38	15MHz	QPSK	38175	1RB#0	-24.97	PASS
Band38	15MHz	16QAM	38175	1RB#0	-25.87	PASS
Band38	15MHz	QPSK	38175	1RB#74	-20.06	PASS
Band38	15MHz	16QAM	38175	1RB#74	-21.48	PASS

Band38	15MHz	QPSK	38175	75RB#0	-18.69	PASS
Band38	15MHz	16QAM	38175	75RB#0	-23.10	PASS
Band38	20MHz	QPSK	37850	1RB#0	-22.49	PASS
Band38	20MHz	16QAM	37850	1RB#0	-22.24	PASS
Band38	20MHz	QPSK	37850	1RB#99	-31.16	PASS
Band38	20MHz	16QAM	37850	1RB#99	-43.27	PASS
Band38	20MHz	QPSK	37850	100RB#0	-37.21	PASS
Band38	20MHz	16QAM	37850	100RB#0	-38.49	PASS
Band38	20MHz	QPSK	38150	1RB#0	-26.46	PASS
Band38	20MHz	16QAM	38150	1RB#0	-28.05	PASS
Band38	20MHz	QPSK	38150	1RB#99	-21.86	PASS
Band38	20MHz	16QAM	38150	1RB#99	-21.20	PASS
Band38	20MHz	QPSK	38150	100RB#0	-23.20	PASS
Band38	20MHz	16QAM	38150	100RB#0	-40.62	PASS

Test Graphs

