

Appendix-FCC-LTE-B38

1.1 Appendix A: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	conducted power(dBm)	Max AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.82	0.61	22.43	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.84	0.61	22.45	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.66	0.61	22.27	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.78	0.61	21.39	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.80	0.61	21.41	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.73	0.61	21.34	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.75	0.61	21.36	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	20.82	0.61	21.43	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.87	0.61	21.48	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.69	0.61	21.30	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.67	0.61	20.28	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.68	0.61	20.29	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.68	0.61	20.29	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.79	0.61	20.40	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.52	0.61	22.13	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.72	0.61	22.33	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.67	0.61	22.28	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.62	0.61	21.23	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.63	0.61	21.24	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.71	0.61	21.32	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.72	0.61	21.33	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.92	0.61	21.53	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.11	0.61	21.72	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.07	0.61	21.68	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.63	0.61	20.24	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.58	0.61	20.19	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.69	0.61	20.30	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.75	0.61	20.36	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.12	0.61	22.73	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.23	0.61	22.84	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.08	0.61	22.69	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.23	0.61	21.84	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.20	0.61	21.81	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.14	0.61	21.75	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.19	0.61	21.80	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.29	0.61	21.90	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.38	0.61	21.99	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.20	0.61	21.81	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.21	0.61	20.82	33	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.19	0.61	20.80	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.22	0.61	20.83	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.25	0.61	20.86	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.91	0.61	22.52	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.79	0.61	22.40	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.68	0.61	22.29	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	20.78	0.61	21.39	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.78	0.61	21.39	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.63	0.61	21.24	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.77	0.61	21.38	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.12	0.61	21.73	33	PASS

Band38	10MHz	16QAM	37800	1RB#24	21.00	0.61	21.61	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.85	0.61	21.46	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	19.86	0.61	20.47	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	19.84	0.61	20.45	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	19.74	0.61	20.35	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	19.70	0.61	20.31	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.61	0.61	22.22	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.78	0.61	22.39	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.86	0.61	22.47	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	20.67	0.61	21.28	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.62	0.61	21.23	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.76	0.61	21.37	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.70	0.61	21.31	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.87	0.61	21.48	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.99	0.61	21.60	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.05	0.61	21.66	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.78	0.61	20.39	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.76	0.61	20.37	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	19.83	0.61	20.44	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.73	0.61	20.34	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.30	0.61	22.91	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.35	0.61	22.96	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.31	0.61	22.92	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.27	0.61	21.88	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.26	0.61	21.87	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.25	0.61	21.86	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.29	0.61	21.90	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	20.94	0.61	21.55	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.04	0.61	21.65	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.92	0.61	21.53	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.27	0.61	20.88	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.27	0.61	20.88	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.24	0.61	20.85	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.32	0.61	20.93	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.83	0.61	22.44	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.73	0.61	22.34	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.53	0.61	22.14	33	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.69	0.61	21.30	33	PASS
Band38	15MHz	QPSK	37825	38RB#18	20.69	0.61	21.30	33	PASS
Band38	15MHz	QPSK	37825	38RB#37	20.68	0.61	21.29	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.68	0.61	21.29	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.02	0.61	21.63	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	20.92	0.61	21.53	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.75	0.61	21.36	33	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.65	0.61	21.26	33	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.66	0.61	21.27	33	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.65	0.61	21.26	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	19.65	0.61	20.26	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.59	0.61	22.20	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.80	0.61	22.41	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.91	0.61	22.52	33	PASS
Band38	15MHz	QPSK	38000	38RB#0	20.77	0.61	21.38	33	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.72	0.61	21.33	33	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.71	0.61	21.32	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.73	0.61	21.34	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.78	0.61	21.39	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.04	0.61	21.65	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.12	0.61	21.73	33	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.72	0.61	21.33	33	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.71	0.61	21.32	33	PASS

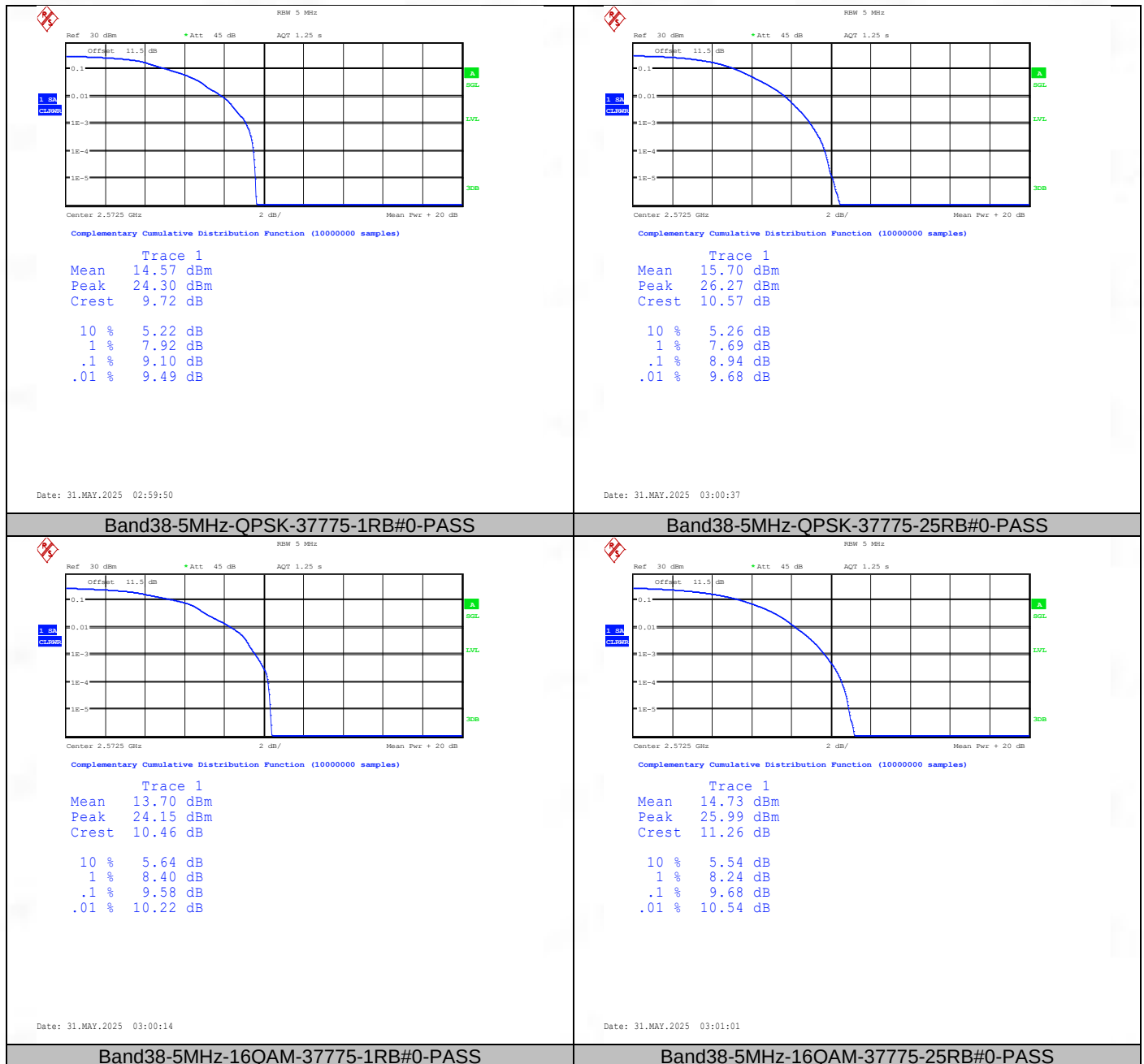
Band38	15MHz	16QAM	38000	38RB#37	20.71	0.61	21.32	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.76	0.61	20.37	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.17	0.61	22.78	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.40	0.61	23.01	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.26	0.61	22.87	33	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.23	0.61	21.84	33	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.25	0.61	21.86	33	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.26	0.61	21.87	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.25	0.61	21.86	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.94	0.61	21.55	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.21	0.61	21.82	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.03	0.61	21.64	33	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.25	0.61	21.86	33	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.23	0.61	21.84	33	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.24	0.61	21.85	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.27	0.61	20.88	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.76	0.61	22.37	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.79	0.61	22.40	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.51	0.61	22.12	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.64	0.61	21.25	33	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.68	0.61	21.29	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.50	0.61	21.11	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.59	0.61	21.20	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.81	0.61	21.42	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.81	0.61	21.42	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.48	0.61	21.09	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	19.69	0.61	20.30	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	19.68	0.61	20.29	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.55	0.61	20.16	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.55	0.61	20.16	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	21.54	0.61	22.15	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.81	0.61	22.42	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.98	0.61	22.59	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.68	0.61	21.29	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.66	0.61	21.27	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.83	0.61	21.44	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.74	0.61	21.35	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.57	0.61	21.18	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.90	0.61	21.51	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.02	0.61	21.63	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	19.68	0.61	20.29	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	19.64	0.61	20.25	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	19.82	0.61	20.43	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	19.70	0.61	20.31	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.80	0.61	22.41	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.24	0.61	22.85	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.10	0.61	22.71	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.10	0.61	21.71	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.10	0.61	21.71	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.21	0.61	21.82	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.15	0.61	21.76	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.43	0.61	21.04	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	20.84	0.61	21.45	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.65	0.61	21.26	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.16	0.61	20.77	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.18	0.61	20.79	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.25	0.61	20.86	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.15	0.61	20.76	33	PASS

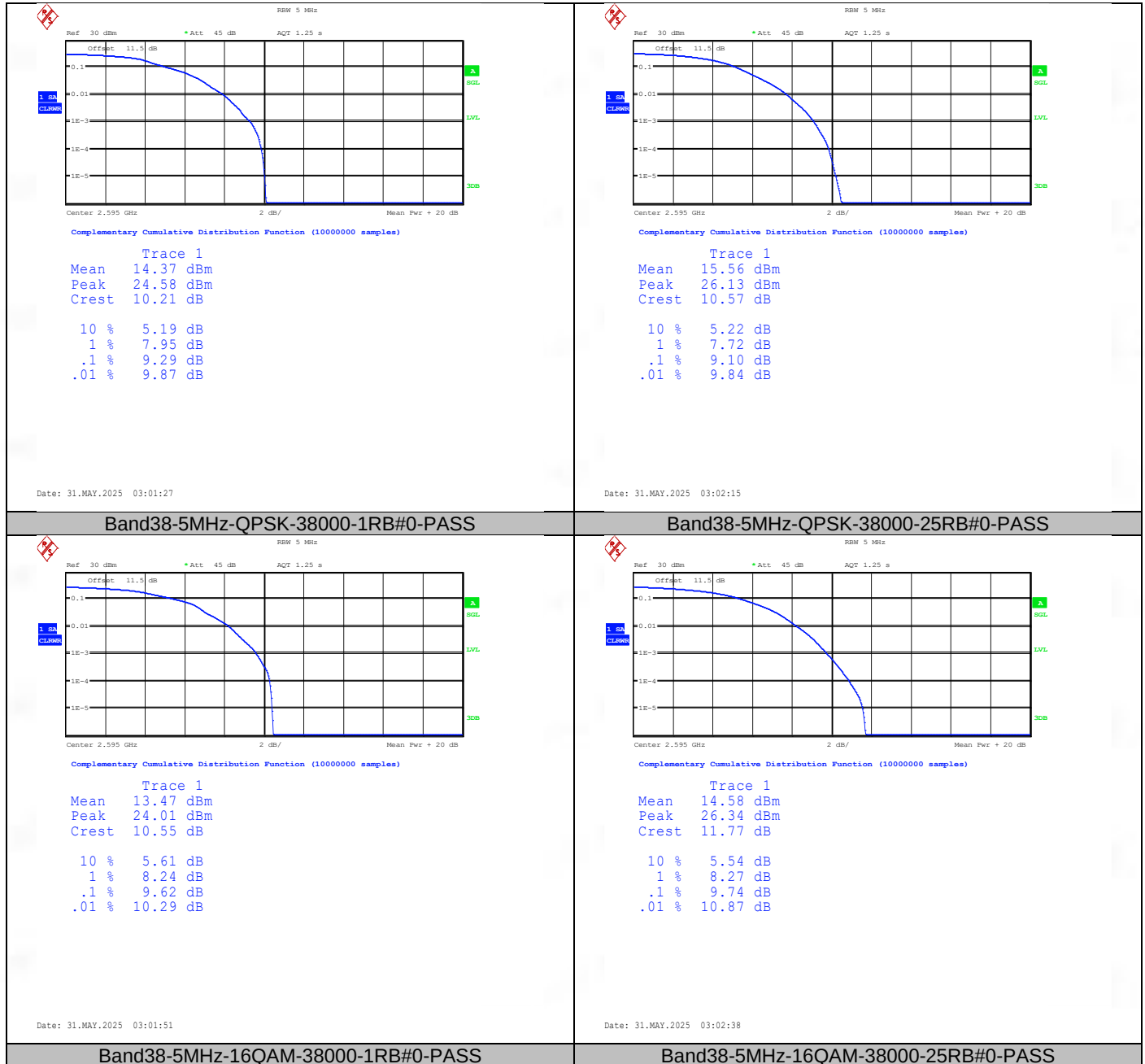
1.2 Appendix B: Peak-to-Average Ratio(CCDF)

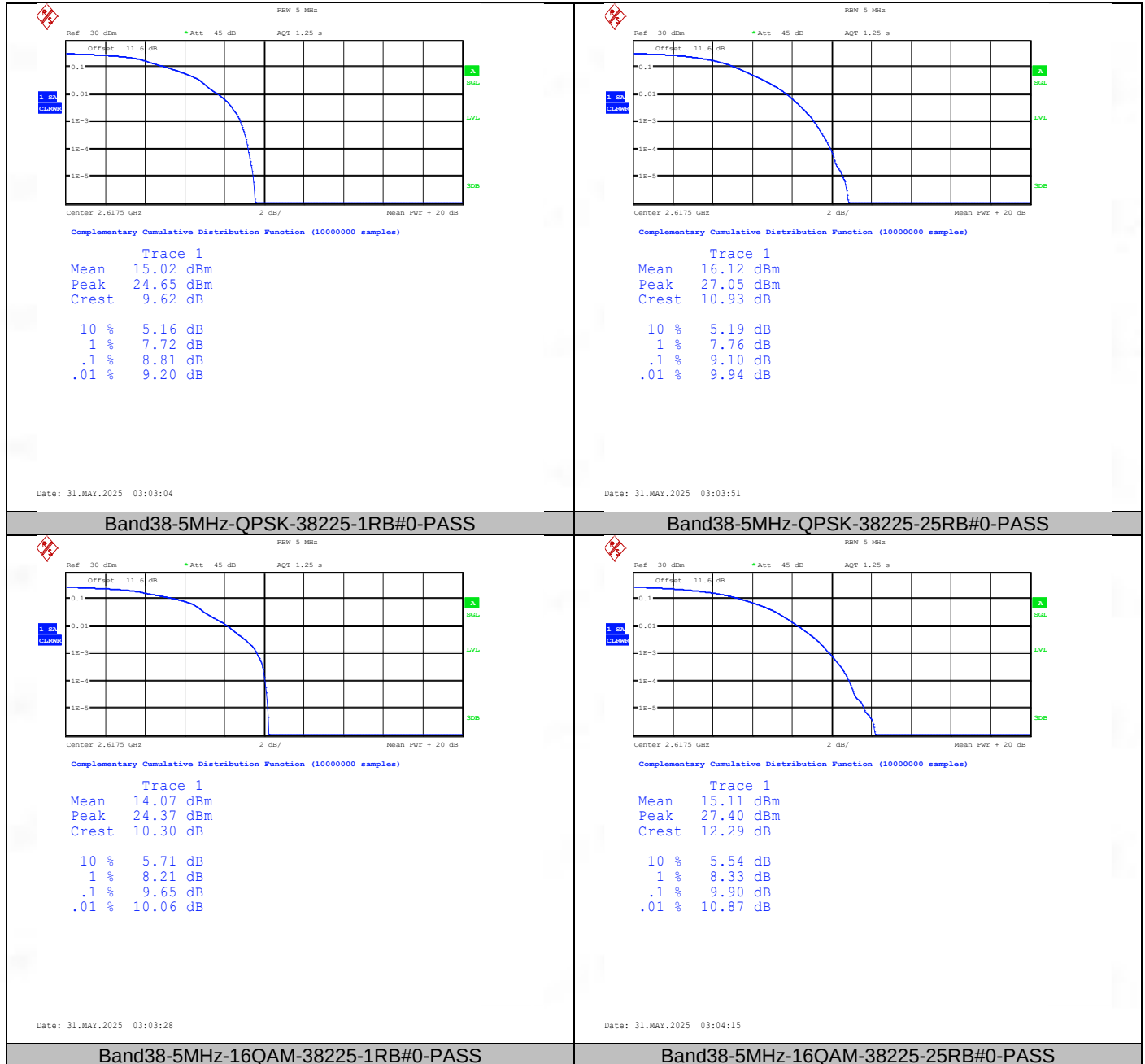
1.2.1 Test Result

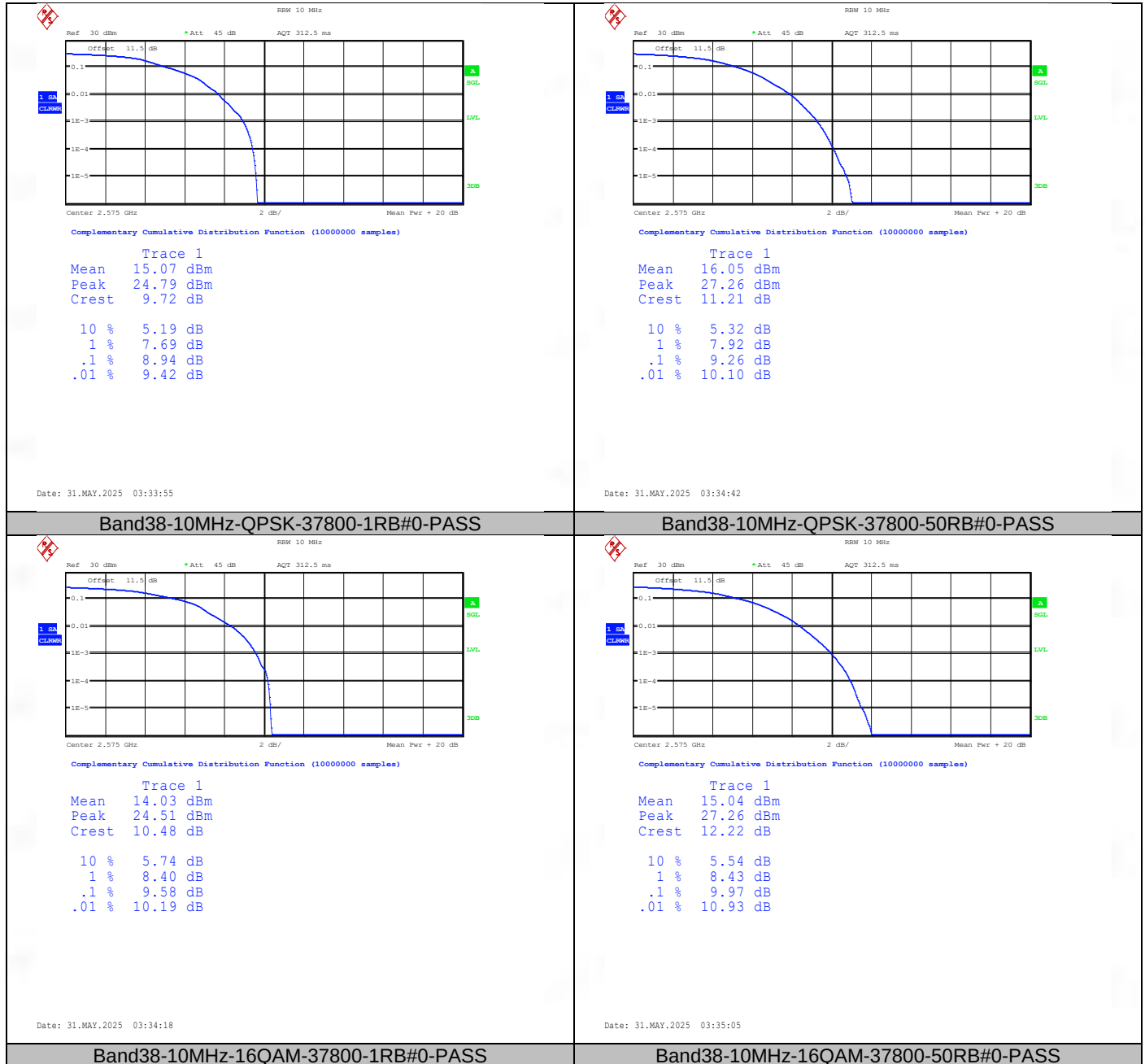
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	9.10	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	8.94	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	9.58	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.68	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	9.29	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.10	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.62	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.74	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.81	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.10	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	9.65	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.90	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.94	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.26	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	9.58	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.97	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	9.33	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.29	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.84	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.03	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	9.33	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.42	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	9.90	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	10.13	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	11.35	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.58	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	11.25	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	10.38	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	11.25	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.49	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	11.22	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.38	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	11.31	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.58	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	11.31	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	10.42	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	11.41	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	10.13	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	11.35	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	10.67	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	11.38	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	10.10	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	11.31	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.67	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	11.44	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	10.16	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	11.41	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	10.74	13	PASS

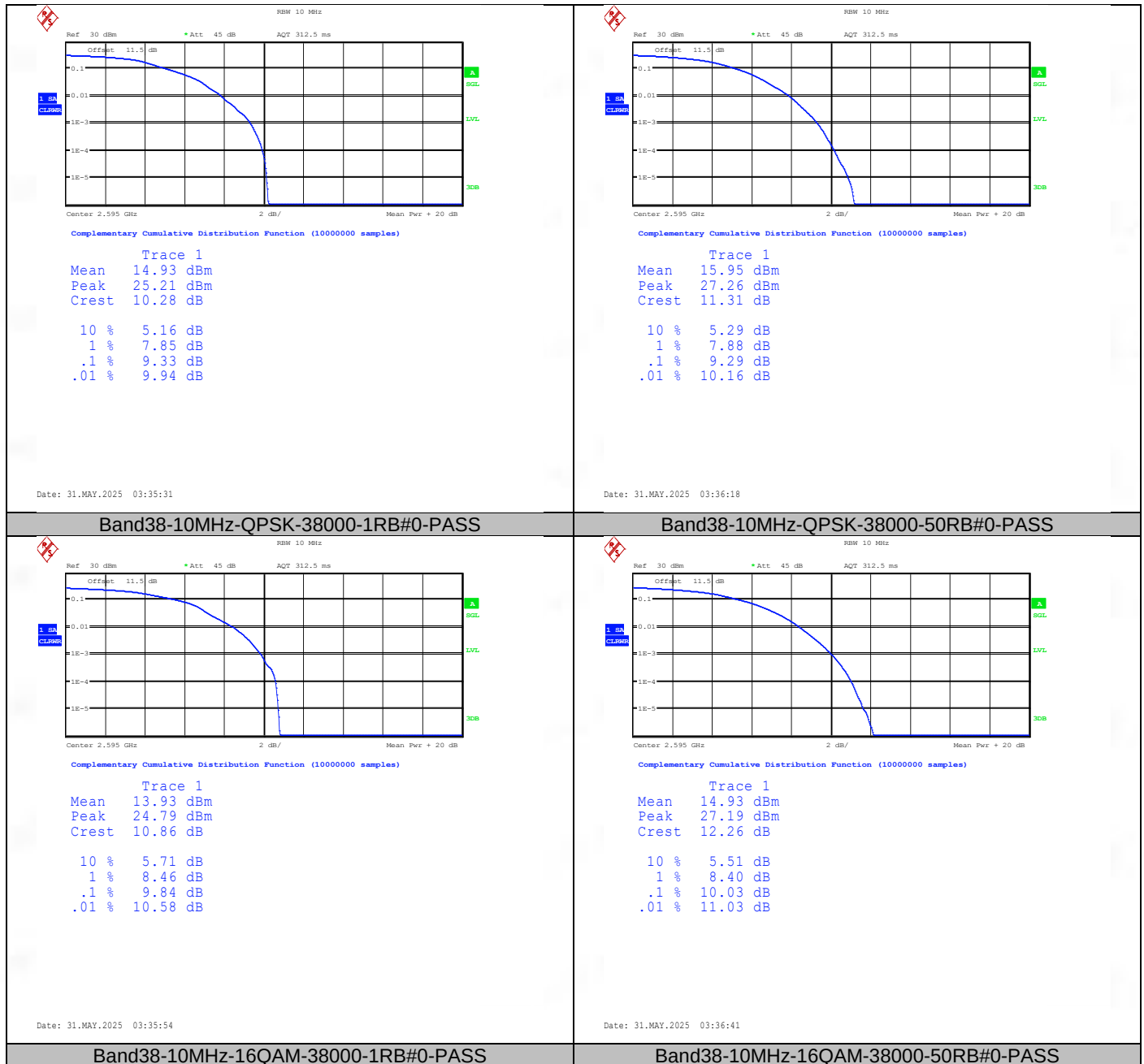
1.2.2 Test Graphs

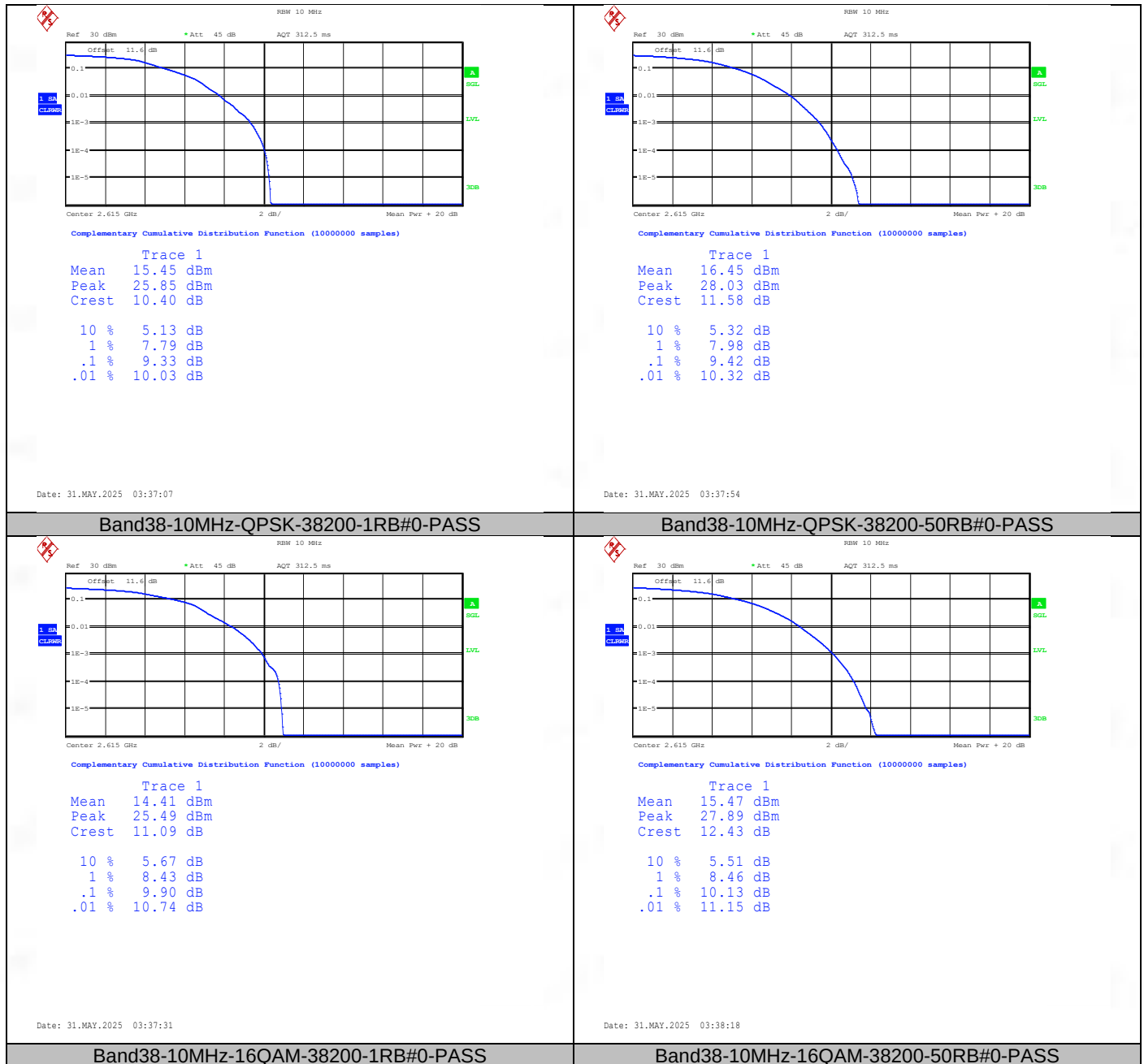


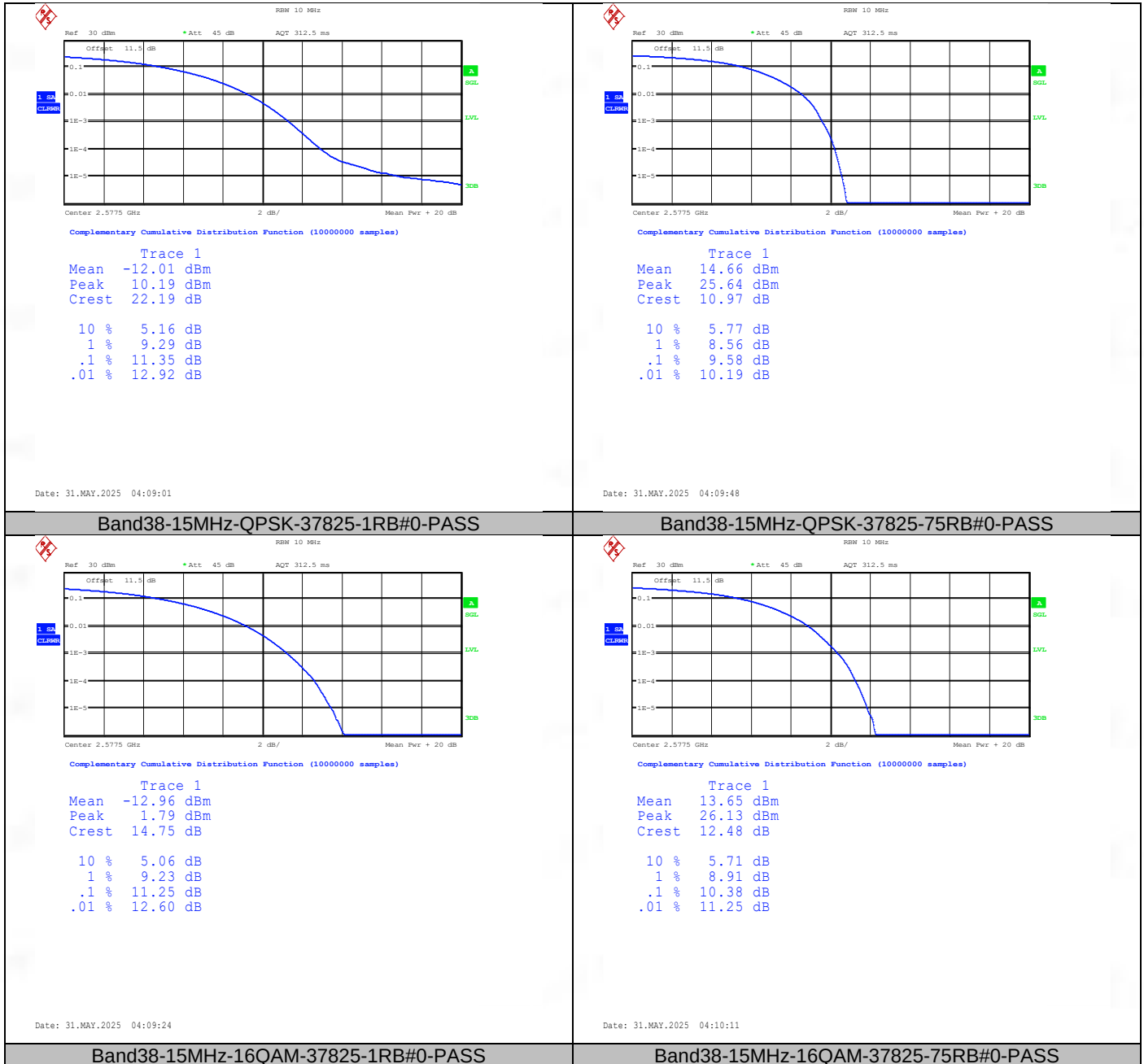


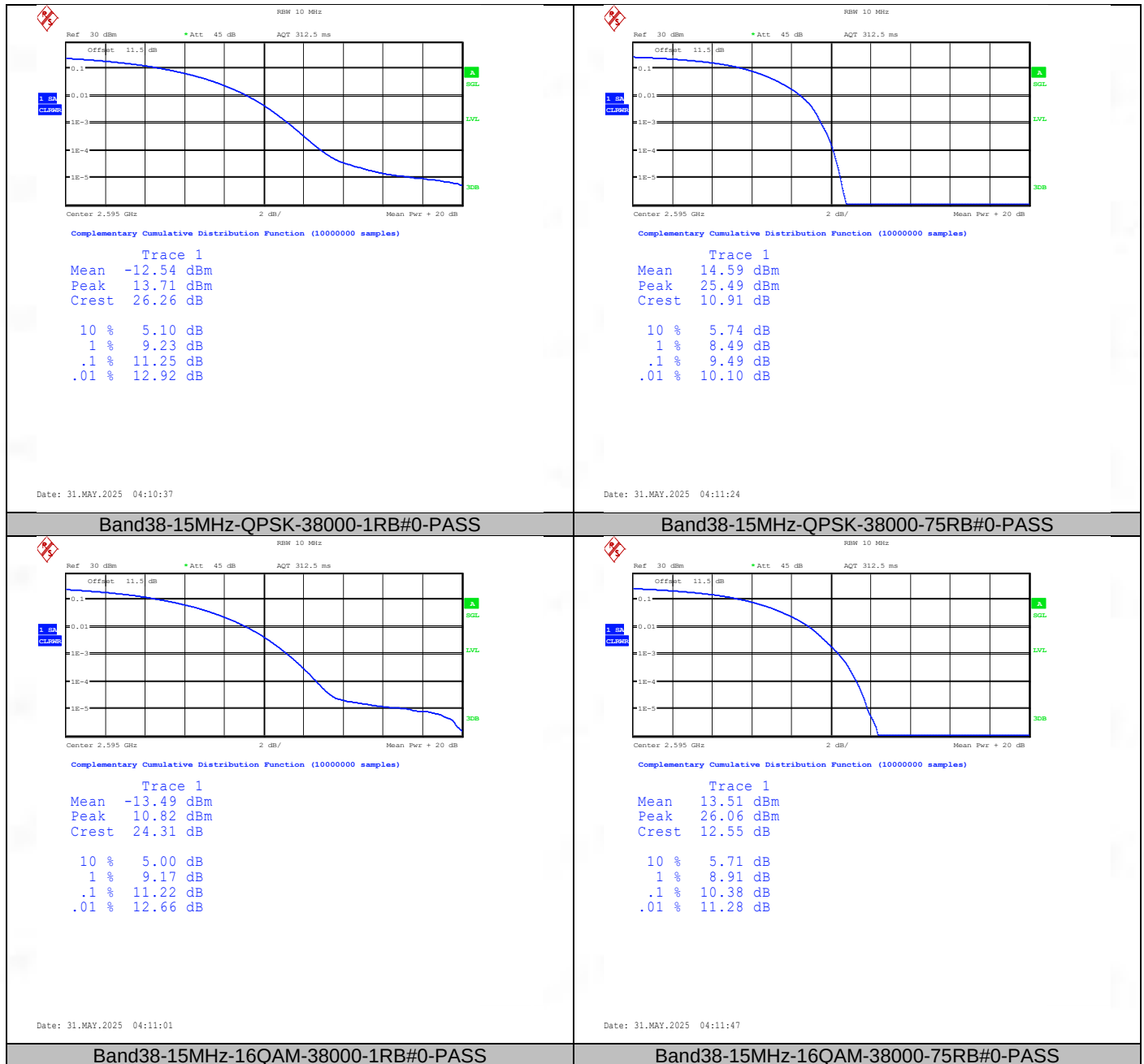


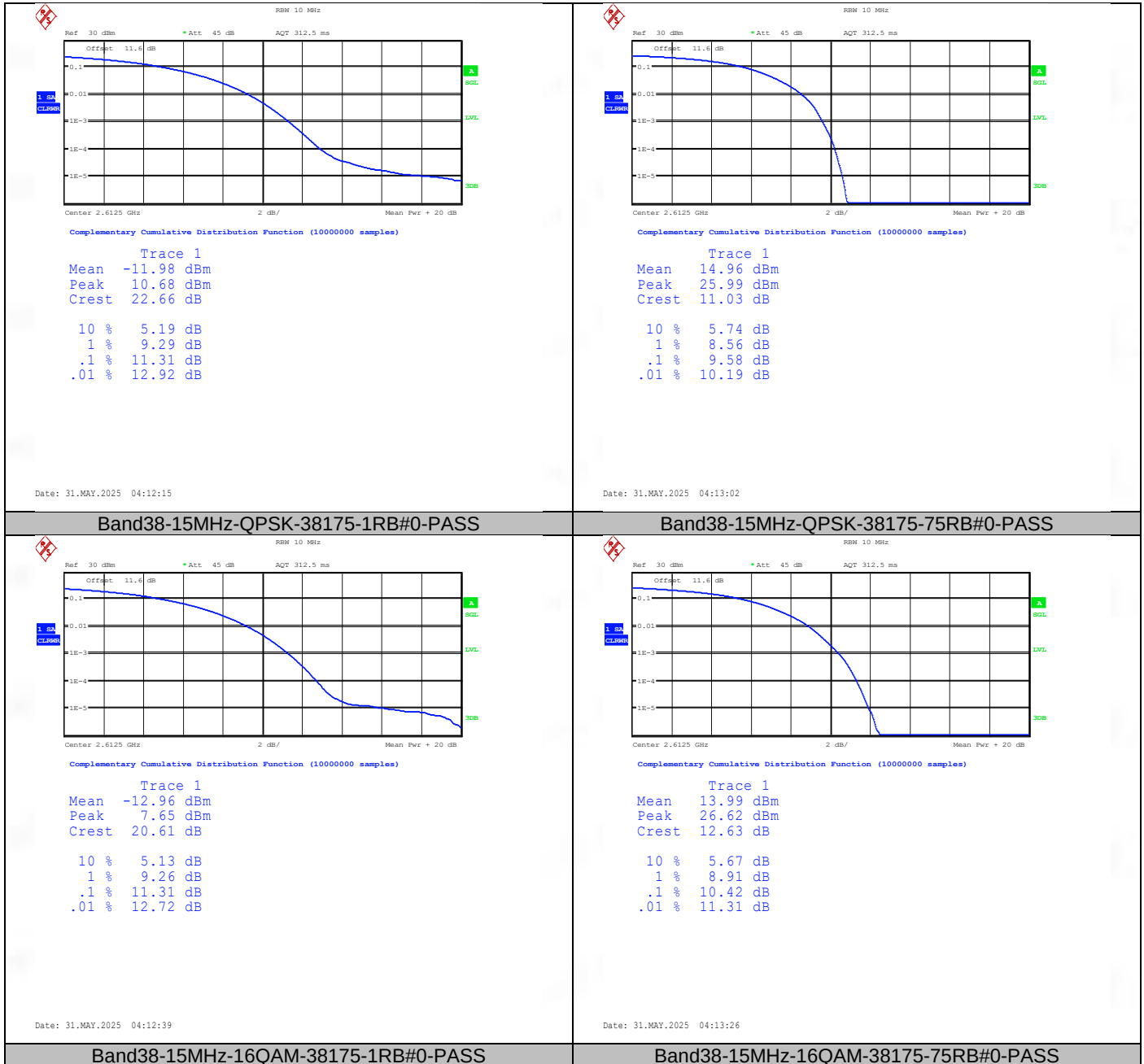


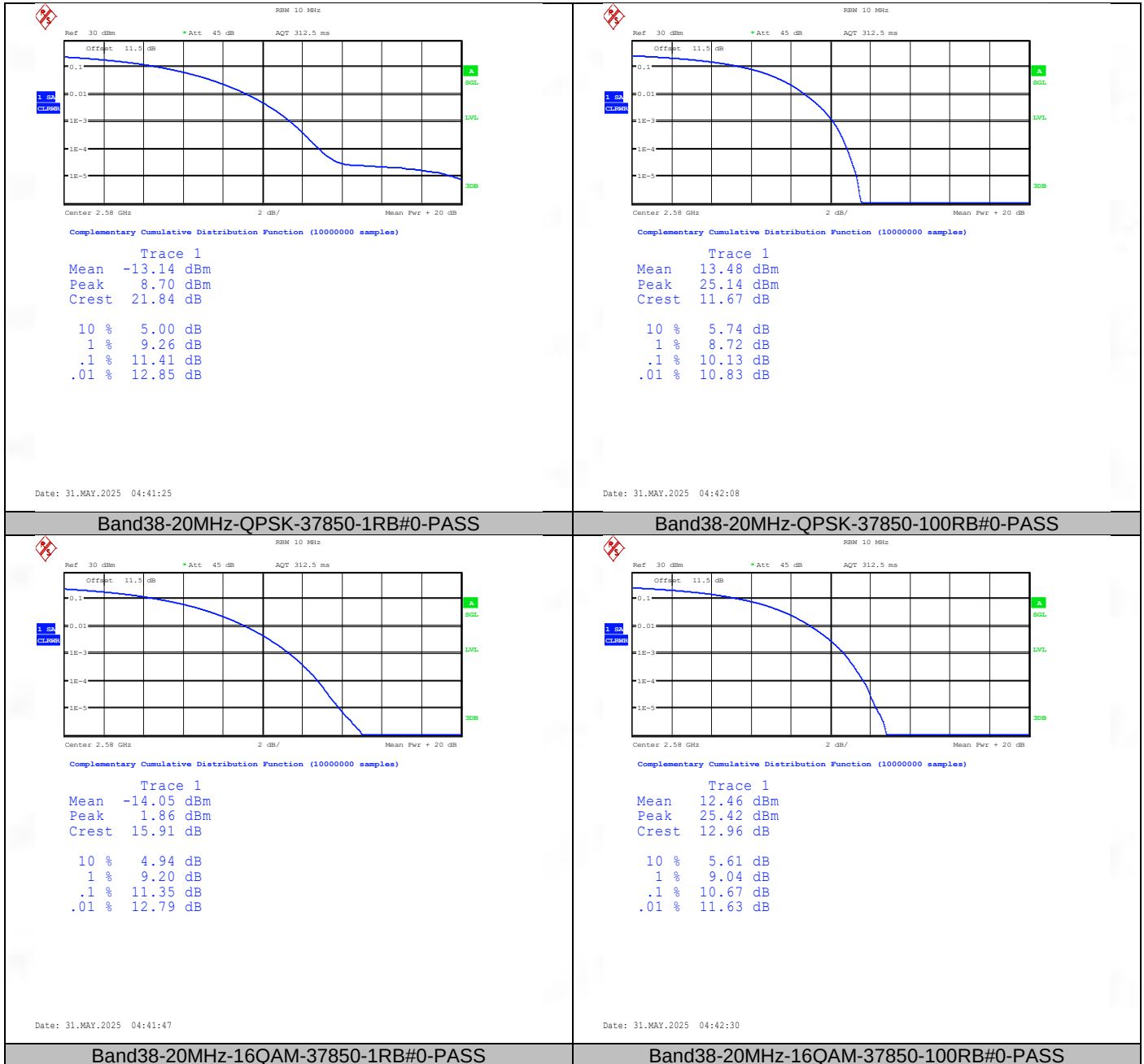


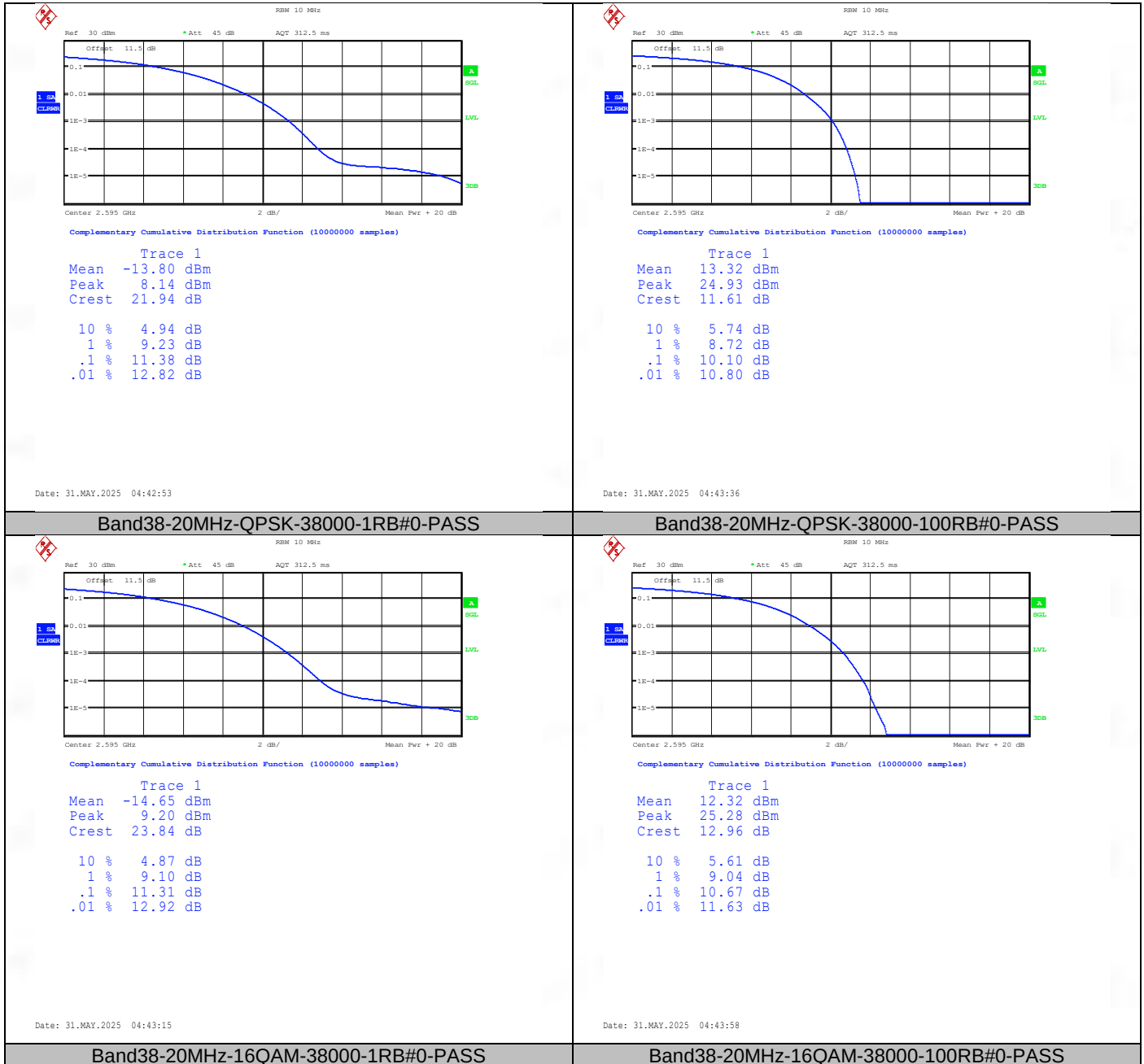


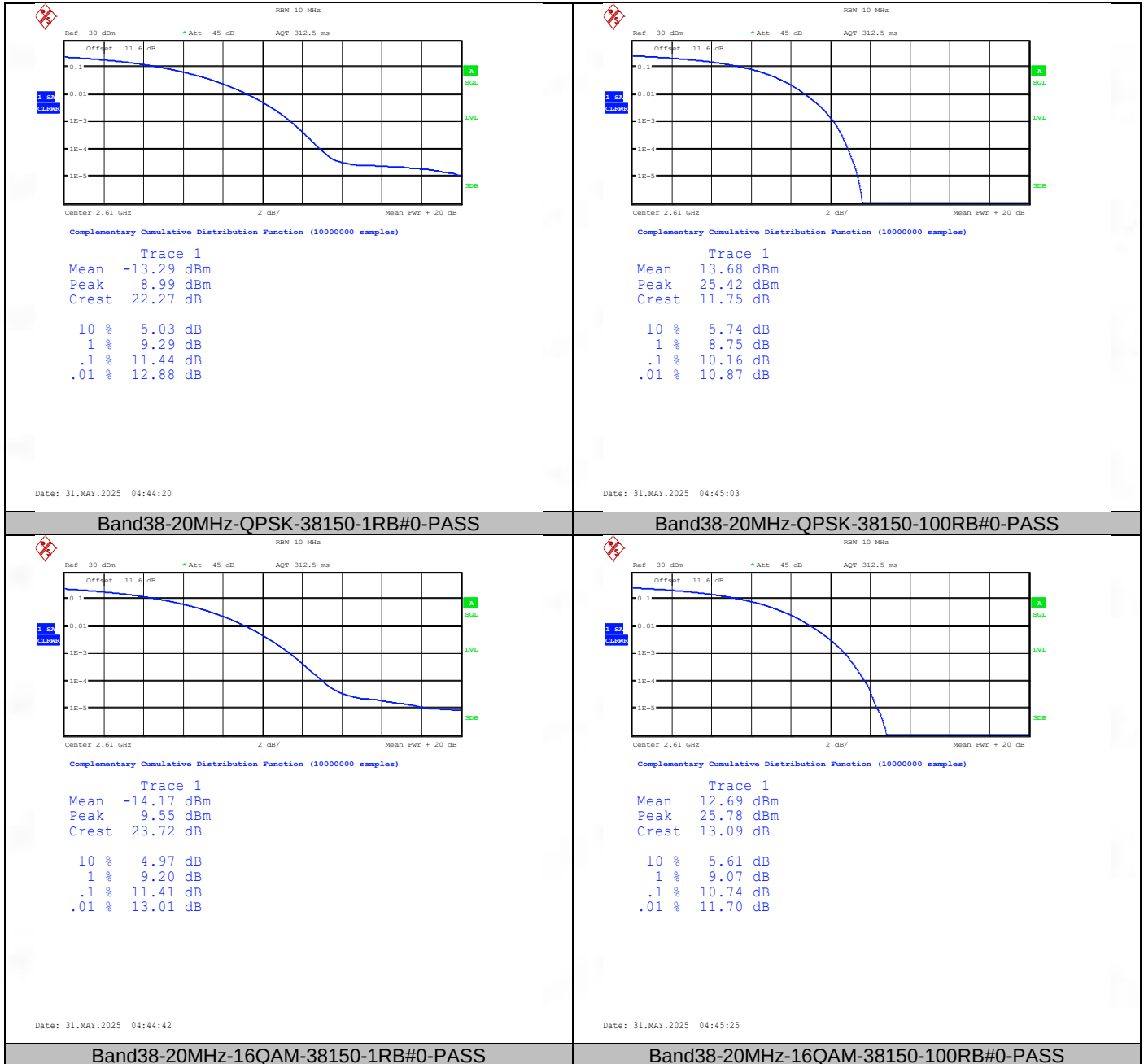










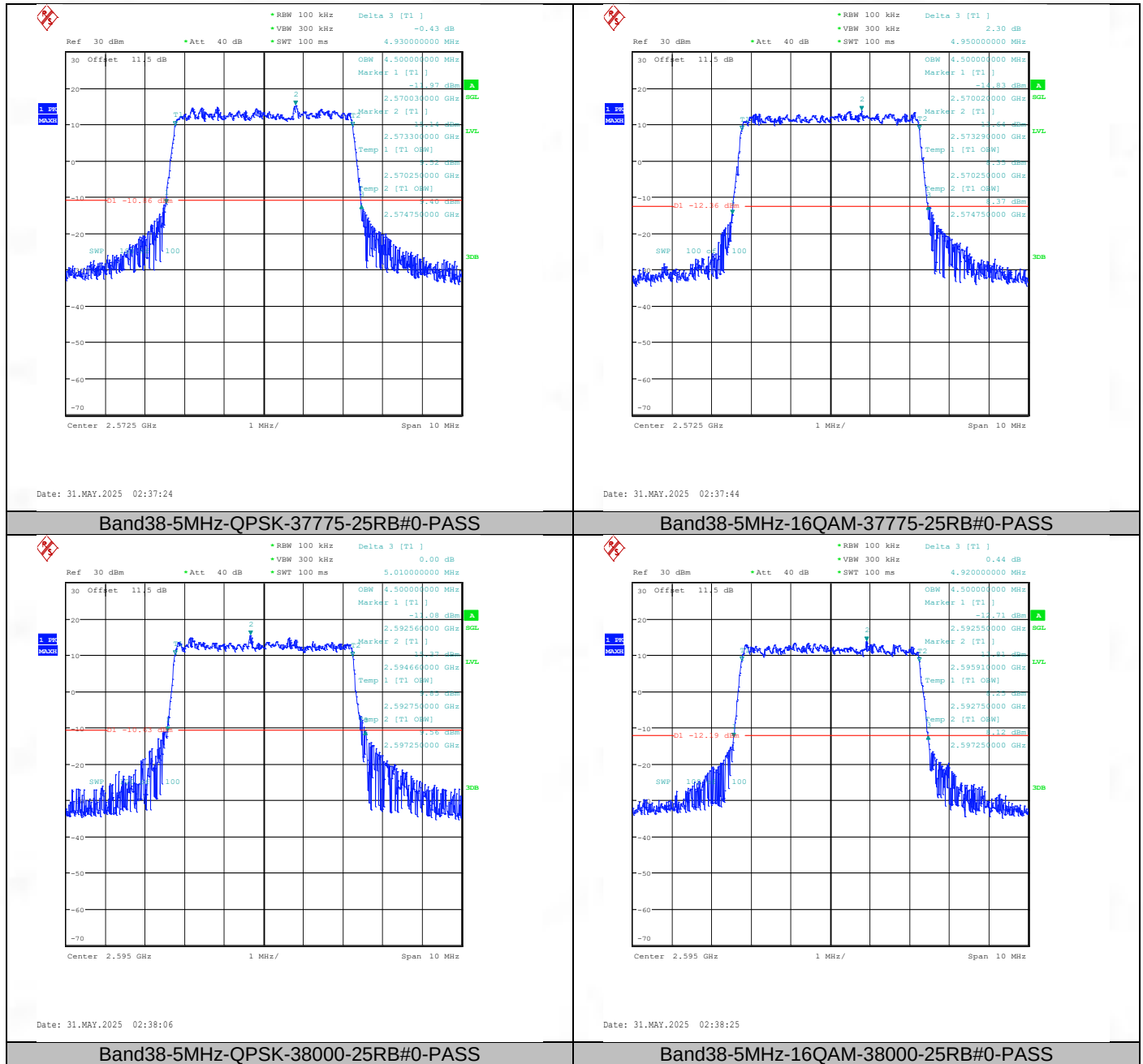


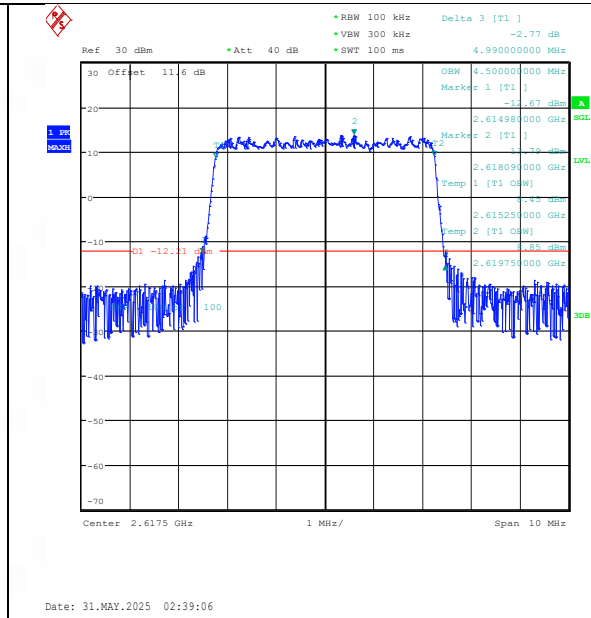
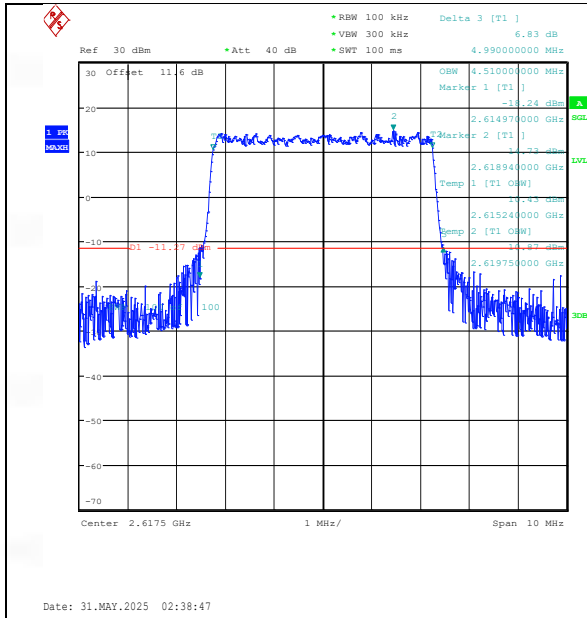
1.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

1.3.1 Test Result

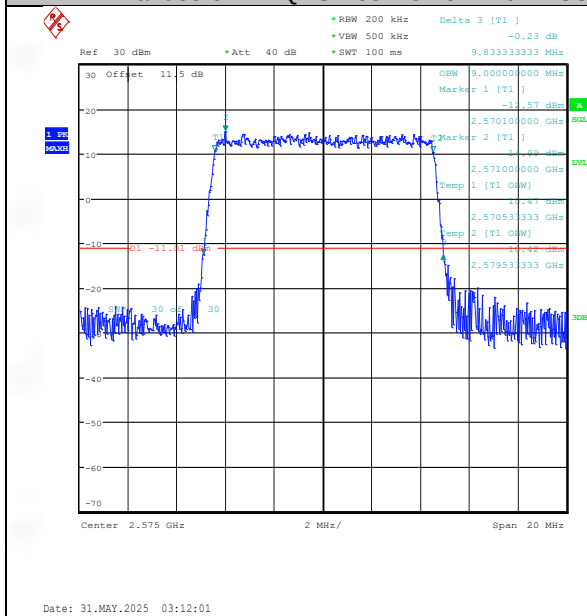
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5	4.93	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5	4.95	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5	5.01	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5	4.92	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.51	4.99	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5	4.99	PASS
Band38	10MHz	QPSK	37800	50RB#0	9	9.83	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.033	10.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	9	9.87	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.033	9.87	PASS
Band38	10MHz	QPSK	38200	50RB#0	9	9.90	PASS
Band38	10MHz	16QAM	38200	50RB#0	9	9.93	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.5	14.95	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.5	14.90	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.5	15.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.5	15.05	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.55	14.85	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.5	15.30	PASS
Band38	20MHz	QPSK	37850	100RB#0	18	19.67	PASS
Band38	20MHz	16QAM	37850	100RB#0	18	19.67	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.067	19.73	PASS
Band38	20MHz	16QAM	38000	100RB#0	18	19.87	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.067	19.73	PASS
Band38	20MHz	16QAM	38150	100RB#0	18	19.67	PASS

1.3.2 Test Graphs

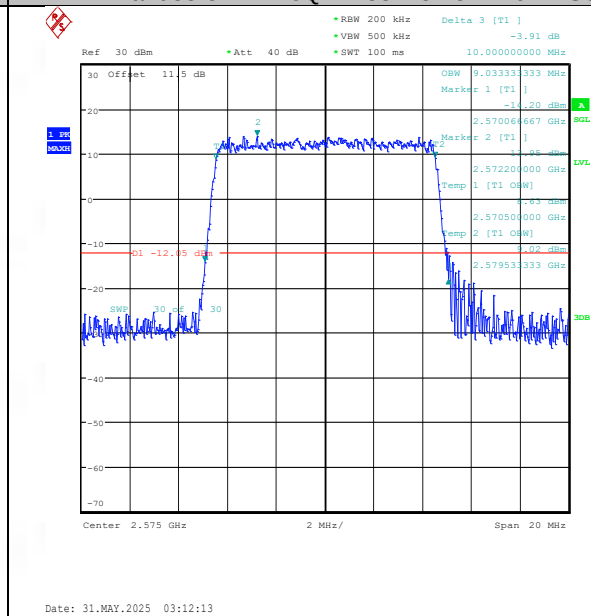




Band38-5MHz-QPSK-38225-25RB#0-PASS

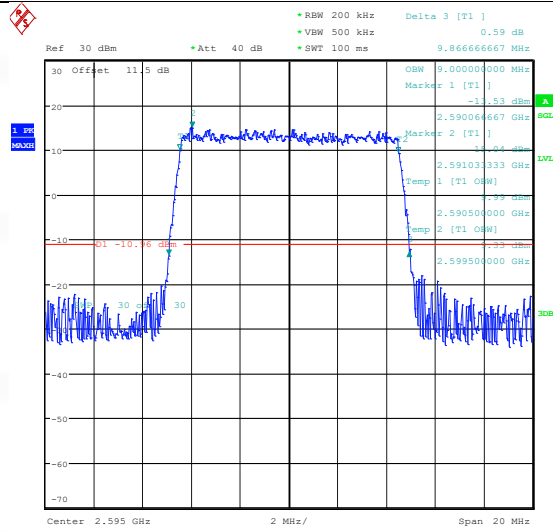


Band38-5MHz-16QAM-38225-25RB#0-PASS

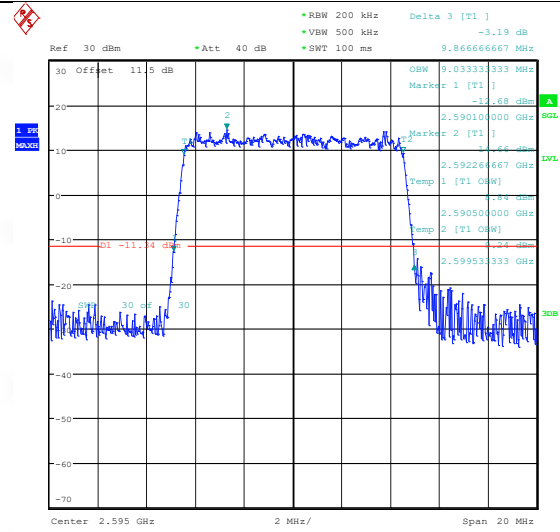


Band38-10MHz-QPSK-37800-50RB#0-PASS

Band38-10MHz-16QAM-37800-50RB#0-PASS

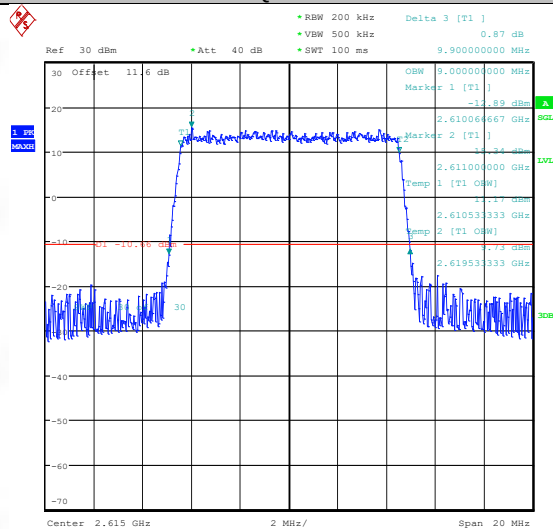


Date: 31.MAY.2025 03:12:27



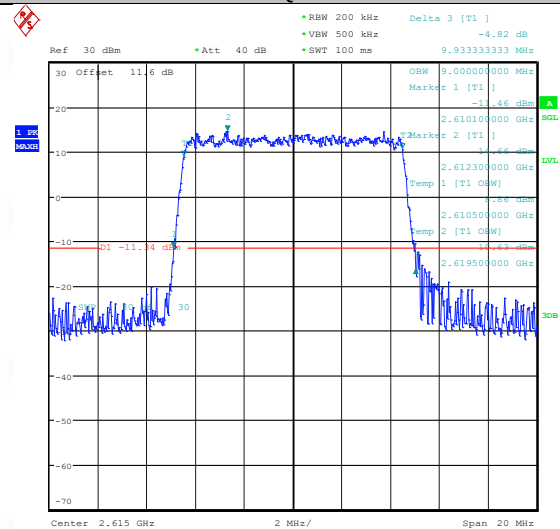
Date: 31.MAY.2025 03:12:39

Band38-10MHz-QPSK-38000-50RB#0-PASS



Date: 31.MAY.2025 03:12:54

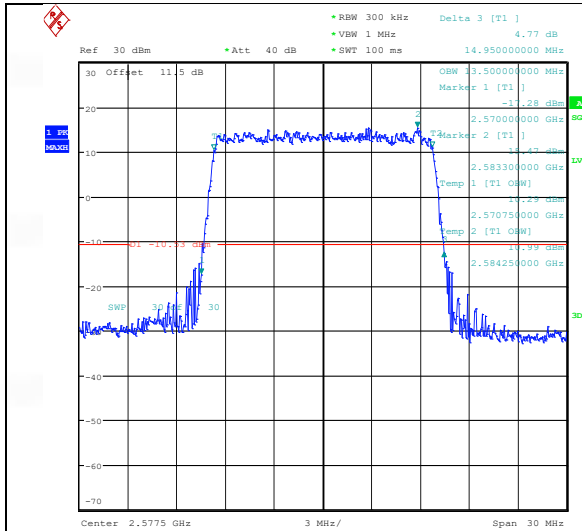
Band38-10MHz-16QAM-38000-50RB#0-PASS



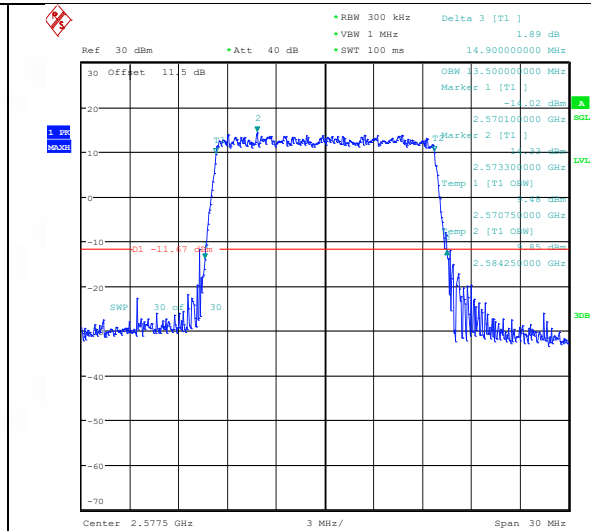
Date: 31.MAY.2025 03:13:05

Band38-10MHz-QPSK-38200-50RB#0-PASS

Band38-10MHz-16QAM-38200-50RB#0-PASS



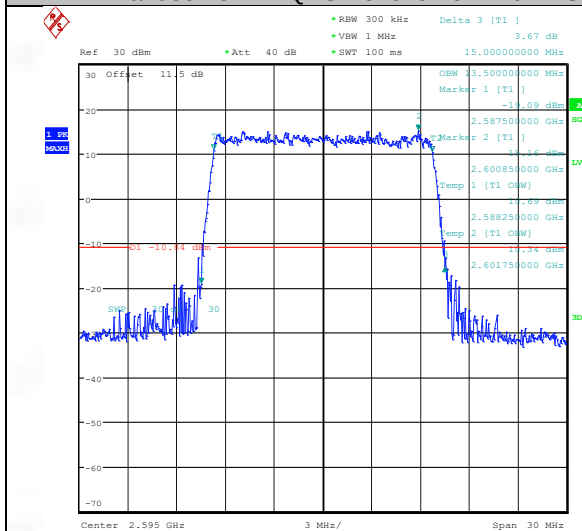
Date: 31.MAY.2025 03:46:38



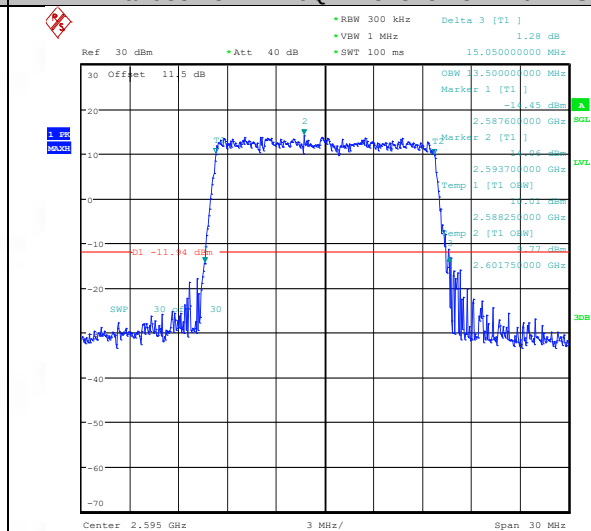
Date: 31.MAY.2025 03:46:50

Band38-15MHz-QPSK-37825-75RB#0-PASS

Band38-15MHz-16QAM-37825-75RB#0-PASS



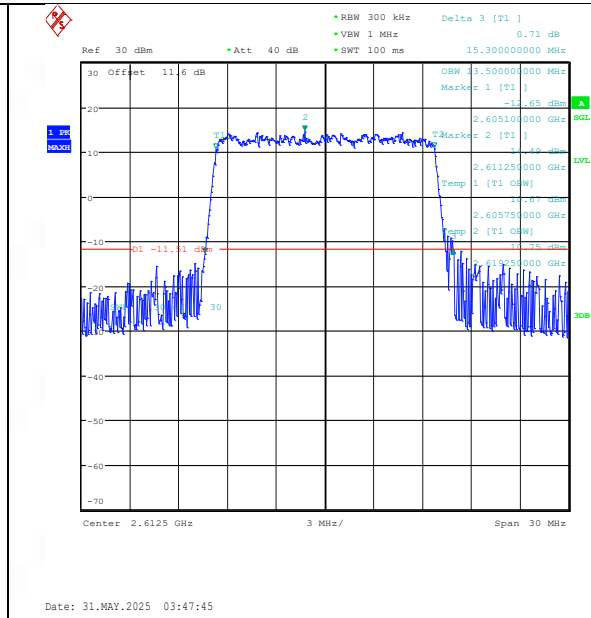
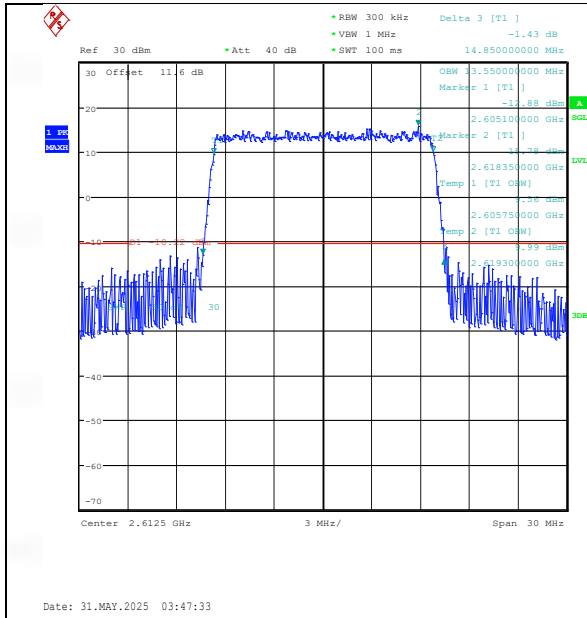
Date: 31.MAY.2025 03:47:05



Date: 31.MAY.2025 03:47:17

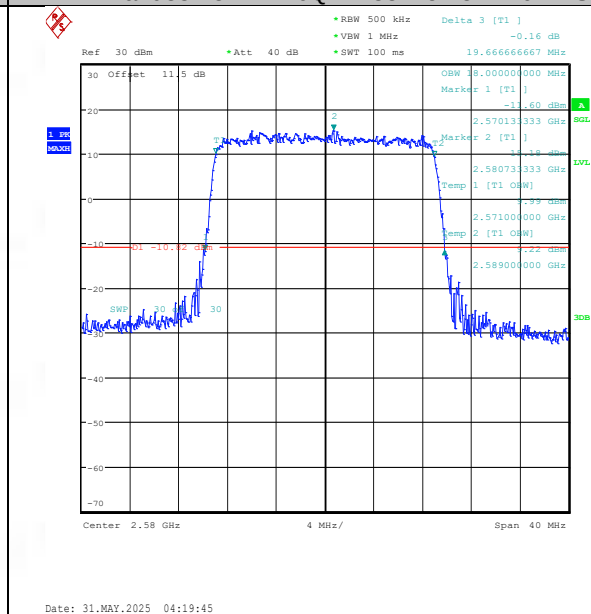
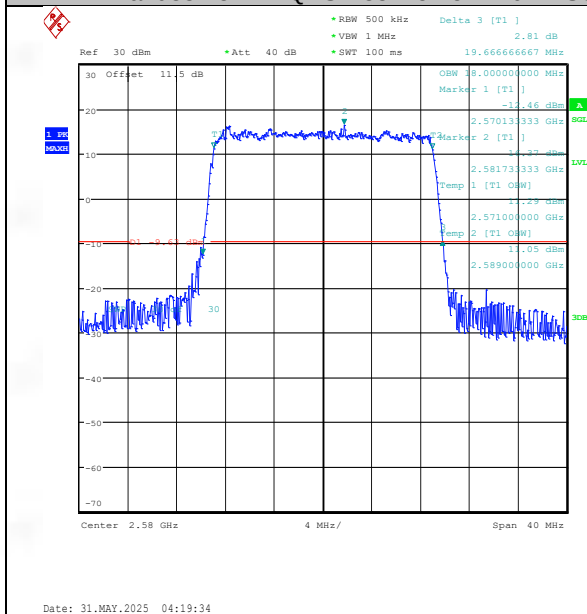
Band38-15MHz-QPSK-38000-75RB#0-PASS

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



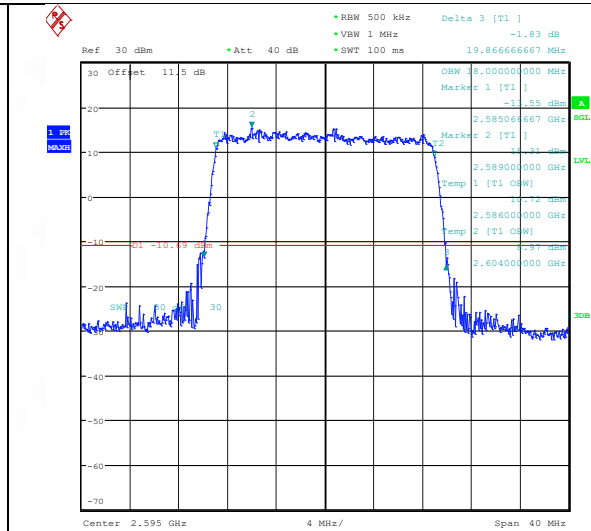
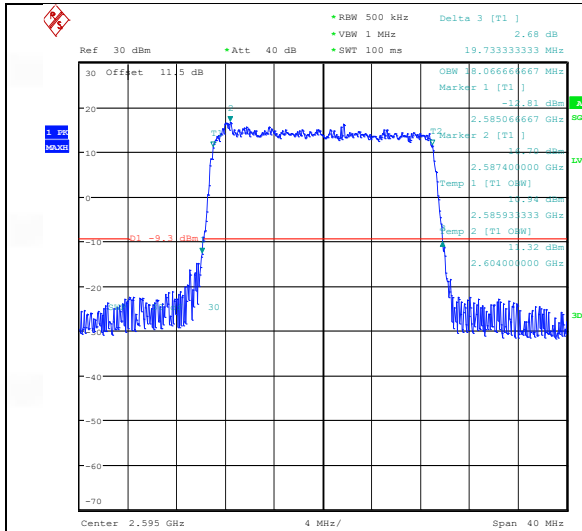
Band38-15MHz-QPSK-38175-75RB#0-PASS

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

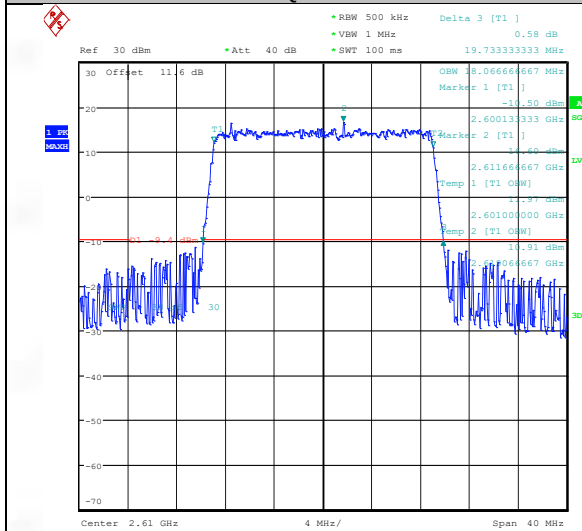


Band38-20MHz-QPSK-37850-100RB#0-PASS

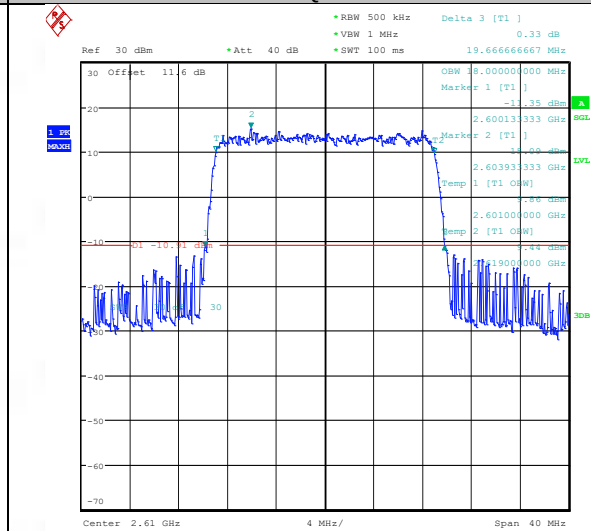
Band38-20MHz-16QAM-37850-100RB#0-PASS



Band38-20MHz-QPSK-38000-100RB#0-PASS



Band38-20MHz-16QAM-38000-100RB#0-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS

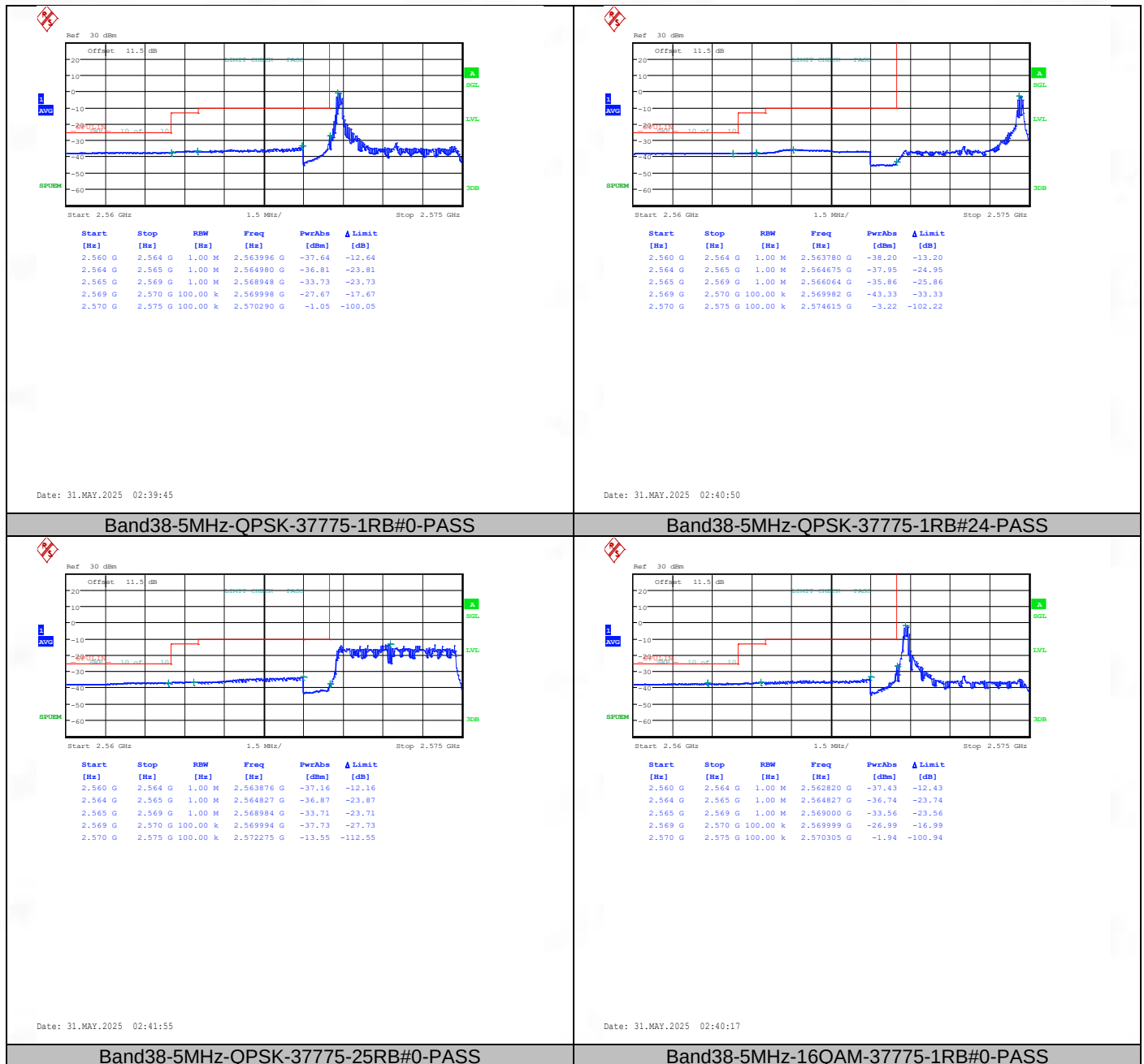
Band38-20MHz-16QAM-38150-100RB#0-PASS

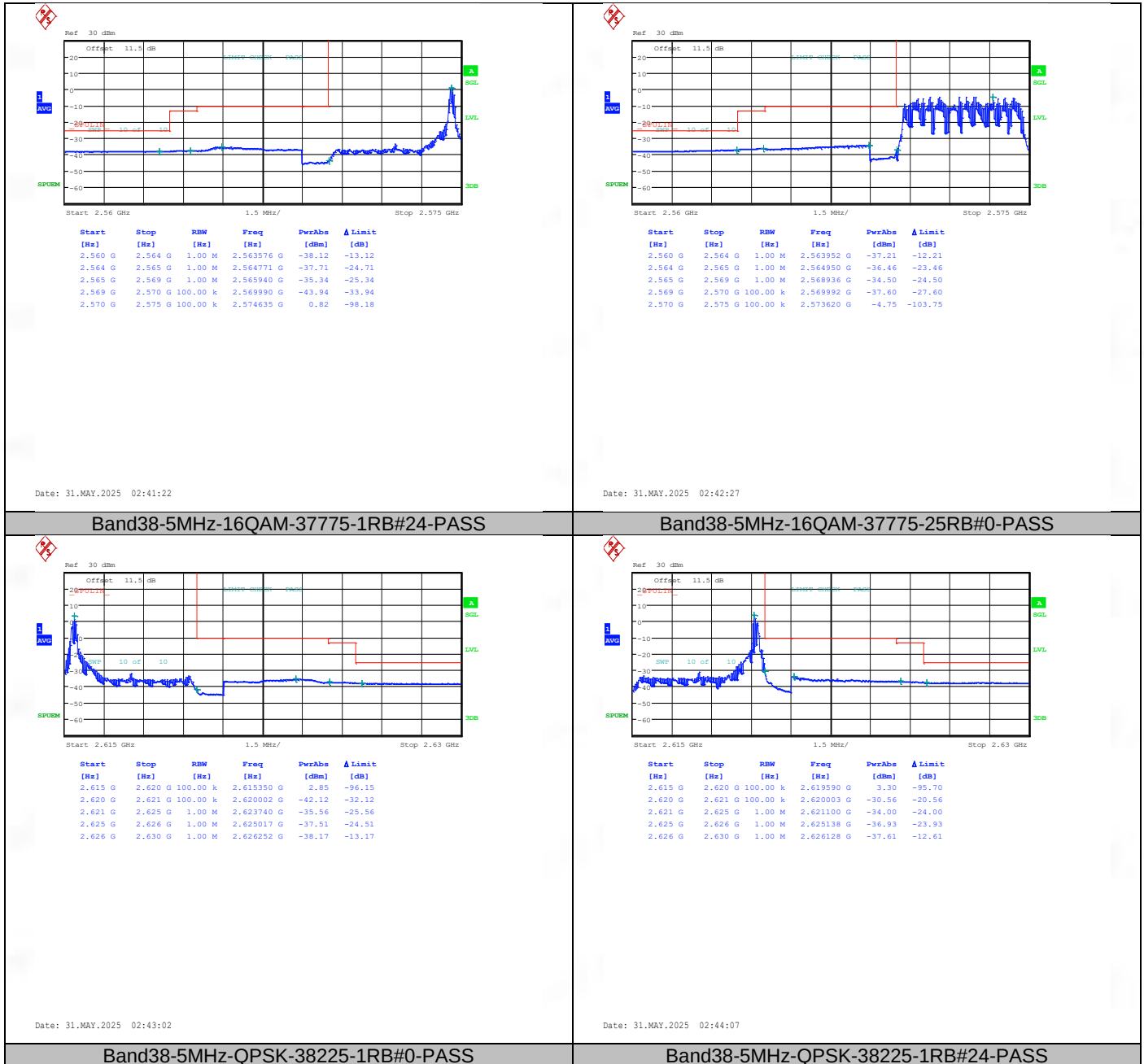
1.4 Appendix D: Band Edge

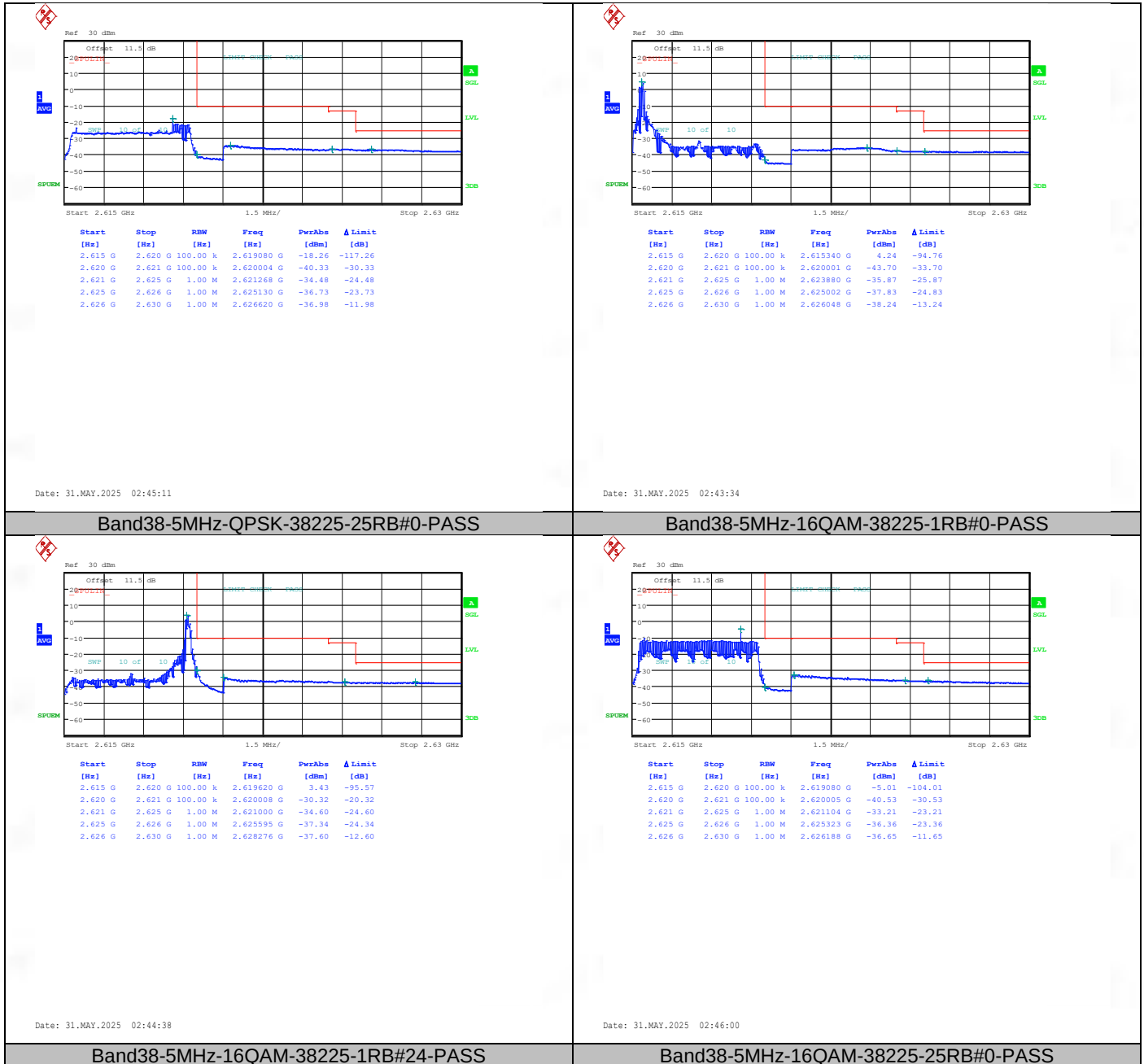
1.4.1 Test Result

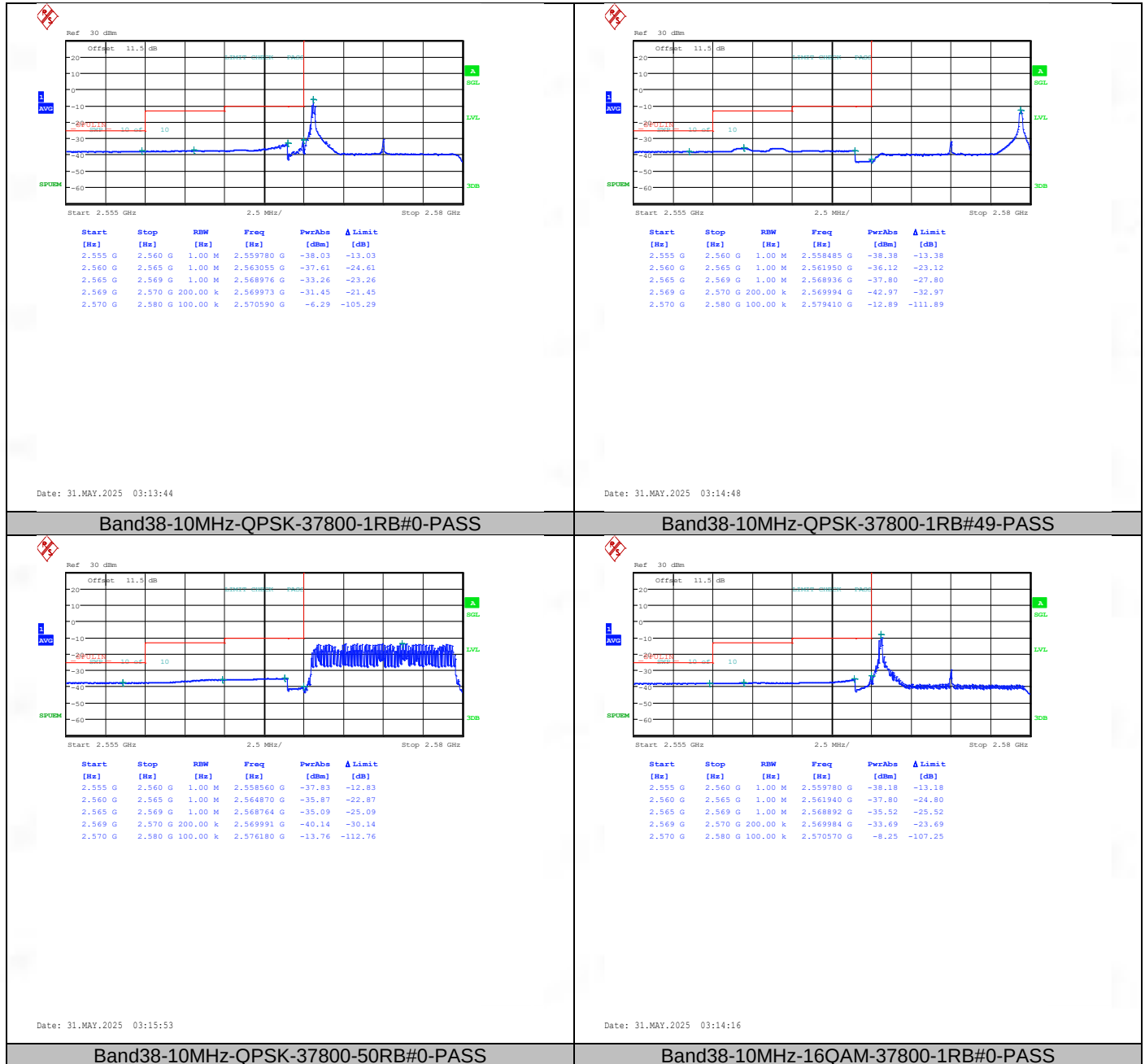
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-37.64	PASS
Band38	5MHz	QPSK	37775	1RB#24	-38.20	PASS
Band38	5MHz	QPSK	37775	25RB#0	-37.16	PASS
Band38	5MHz	16QAM	37775	1RB#0	-37.43	PASS
Band38	5MHz	16QAM	37775	1RB#24	-38.12	PASS
Band38	5MHz	16QAM	37775	25RB#0	-37.21	PASS
Band38	5MHz	QPSK	38225	1RB#0	-38.17	PASS
Band38	5MHz	QPSK	38225	1RB#24	-37.61	PASS
Band38	5MHz	QPSK	38225	25RB#0	-36.98	PASS
Band38	5MHz	16QAM	38225	1RB#0	-38.24	PASS
Band38	5MHz	16QAM	38225	1RB#24	-37.60	PASS
Band38	5MHz	16QAM	38225	25RB#0	-36.65	PASS
Band38	10MHz	QPSK	37800	1RB#0	-38.03	PASS
Band38	10MHz	QPSK	37800	1RB#49	-38.38	PASS
Band38	10MHz	QPSK	37800	50RB#0	-37.83	PASS
Band38	10MHz	16QAM	37800	1RB#0	-38.18	PASS
Band38	10MHz	16QAM	37800	1RB#49	-38.42	PASS
Band38	10MHz	16QAM	37800	50RB#0	-37.74	PASS
Band38	10MHz	QPSK	38200	1RB#0	-38.40	PASS
Band38	10MHz	QPSK	38200	1RB#49	-37.97	PASS
Band38	10MHz	QPSK	38200	50RB#0	-37.42	PASS
Band38	10MHz	16QAM	38200	1RB#0	-38.52	PASS
Band38	10MHz	16QAM	38200	1RB#49	-38.21	PASS
Band38	10MHz	16QAM	38200	50RB#0	-37.65	PASS
Band38	15MHz	QPSK	37825	1RB#0	-38.39	PASS
Band38	15MHz	QPSK	37825	1RB#74	-38.34	PASS
Band38	15MHz	QPSK	37825	75RB#0	-37.98	PASS
Band38	15MHz	16QAM	37825	1RB#0	-38.40	PASS
Band38	15MHz	16QAM	37825	1RB#74	-38.36	PASS
Band38	15MHz	16QAM	37825	75RB#0	-38.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	-38.48	PASS
Band38	15MHz	QPSK	38175	1RB#74	-38.17	PASS
Band38	15MHz	QPSK	38175	75RB#0	-37.30	PASS
Band38	15MHz	16QAM	38175	1RB#0	-38.48	PASS
Band38	15MHz	16QAM	38175	1RB#74	-38.47	PASS
Band38	15MHz	16QAM	38175	75RB#0	-37.24	PASS
Band38	20MHz	QPSK	37850	1RB#0	-38.37	PASS
Band38	20MHz	QPSK	37850	1RB#99	-38.41	PASS
Band38	20MHz	QPSK	37850	100RB#0	-38.19	PASS
Band38	20MHz	16QAM	37850	1RB#0	-38.39	PASS
Band38	20MHz	16QAM	37850	1RB#99	-38.40	PASS
Band38	20MHz	16QAM	37850	100RB#0	-38.19	PASS
Band38	20MHz	QPSK	38150	1RB#0	-38.52	PASS
Band38	20MHz	QPSK	38150	1RB#99	-38.47	PASS
Band38	20MHz	QPSK	38150	100RB#0	-38.06	PASS
Band38	20MHz	16QAM	38150	1RB#0	-38.58	PASS
Band38	20MHz	16QAM	38150	1RB#99	-38.50	PASS
Band38	20MHz	16QAM	38150	100RB#0	-37.87	PASS

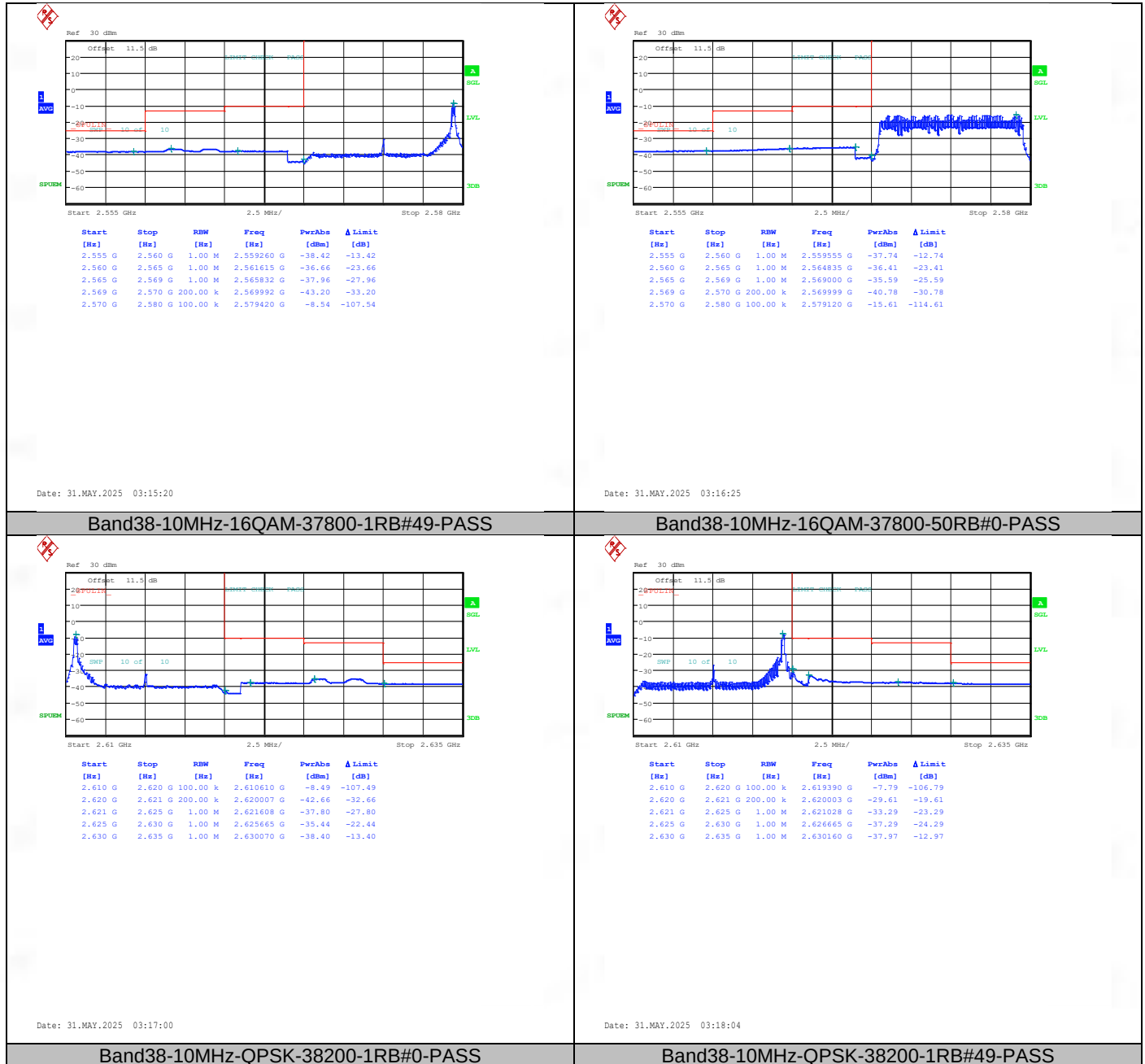
1.4.2 Test Graphs

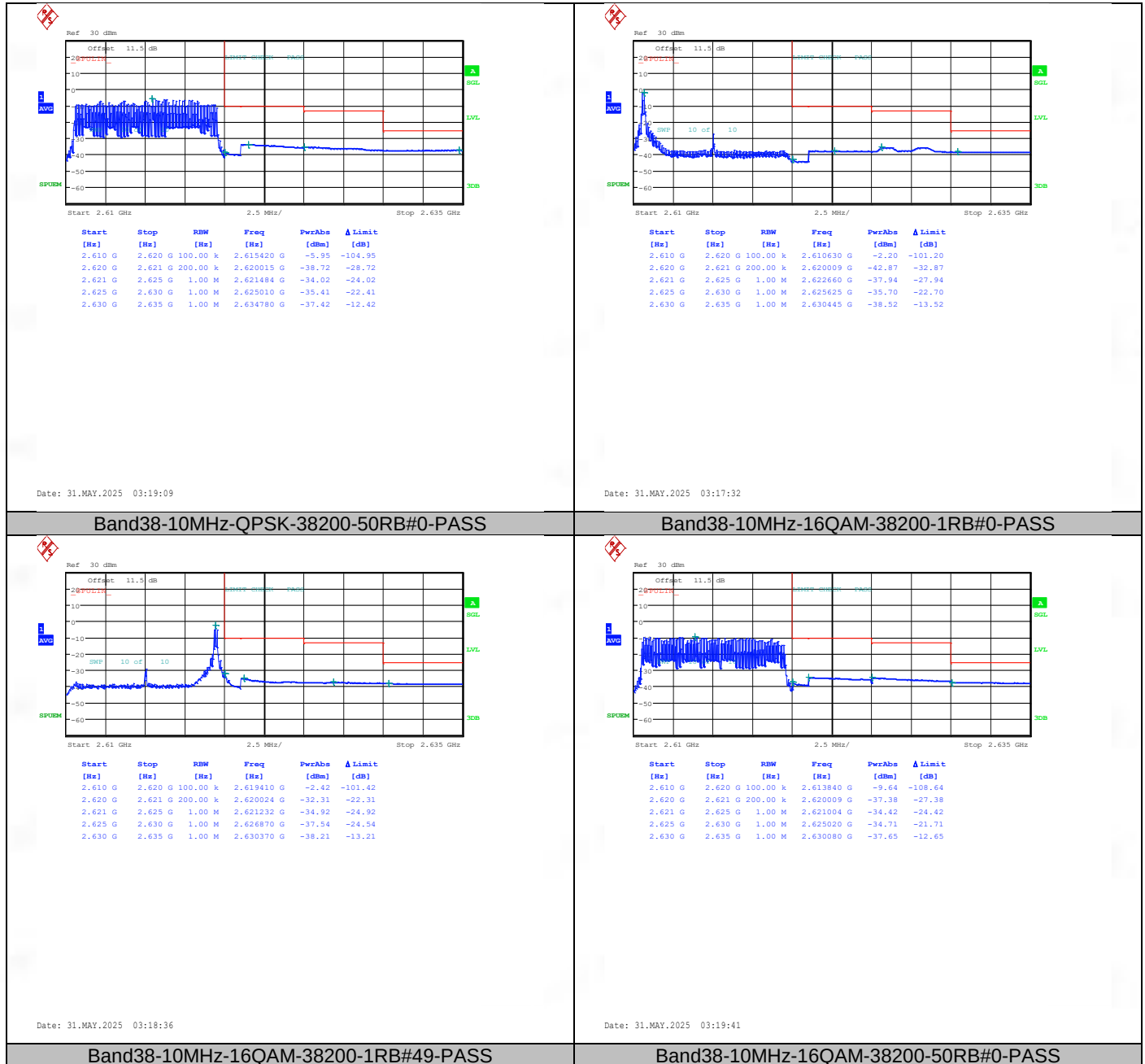


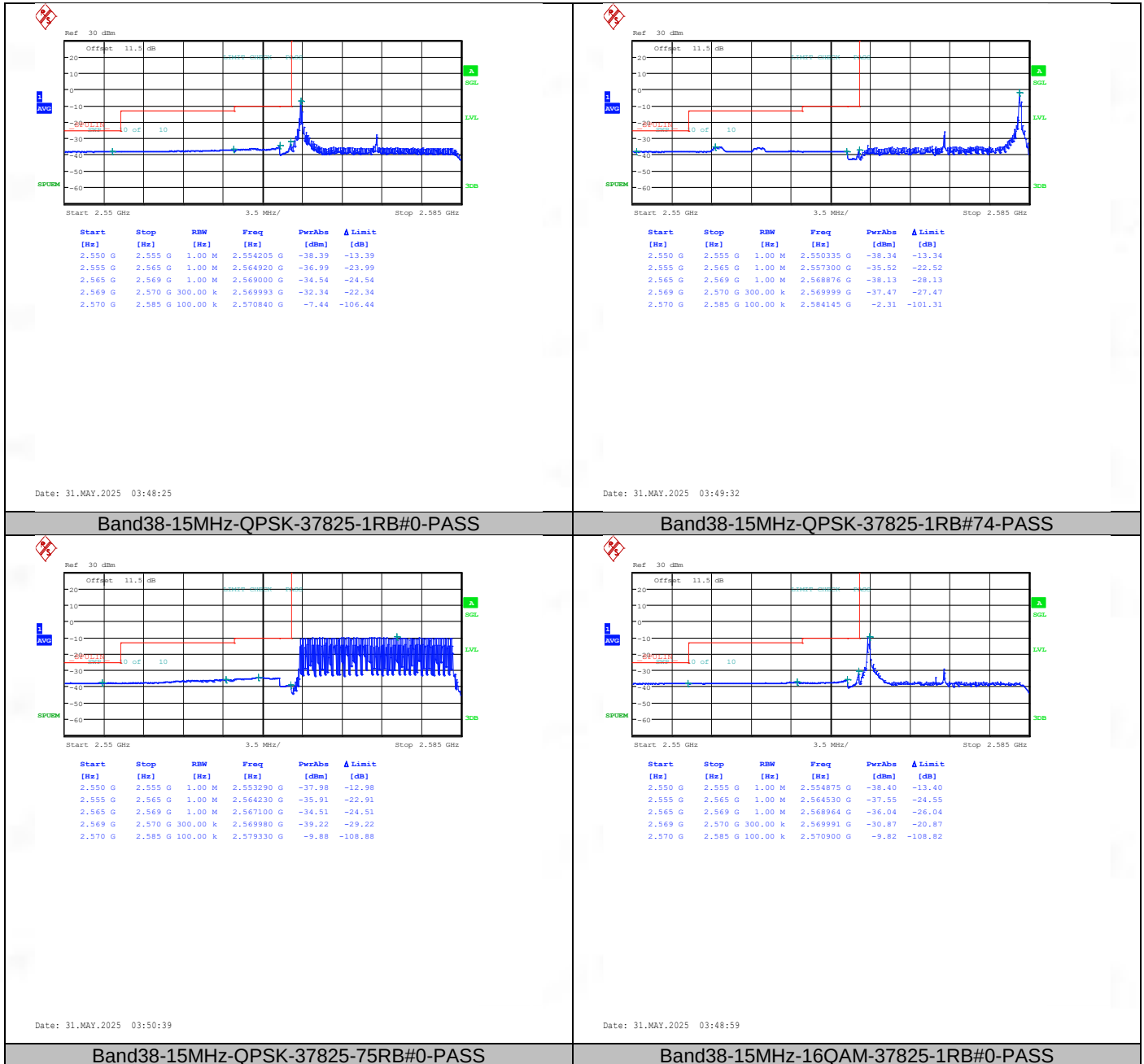


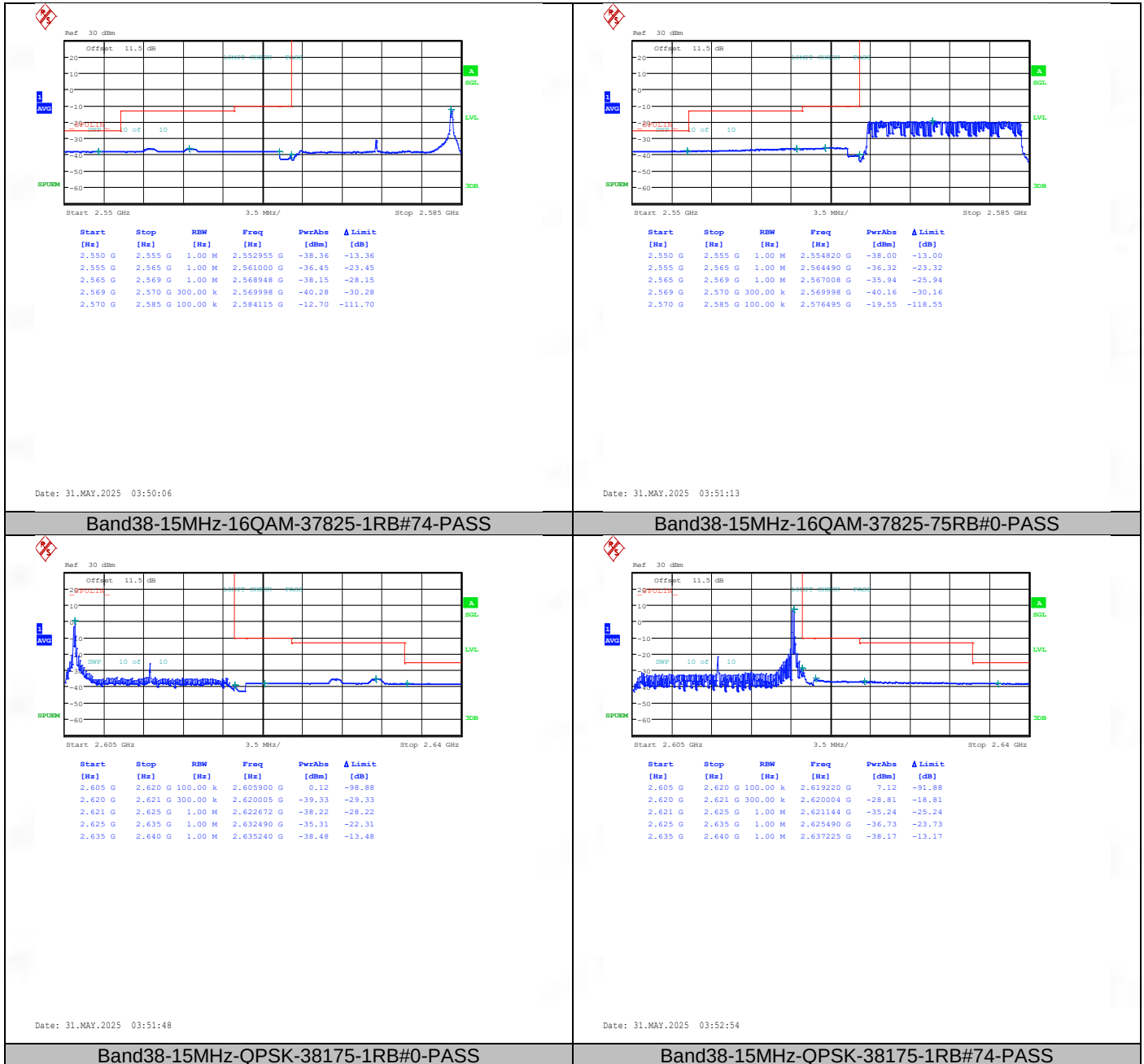


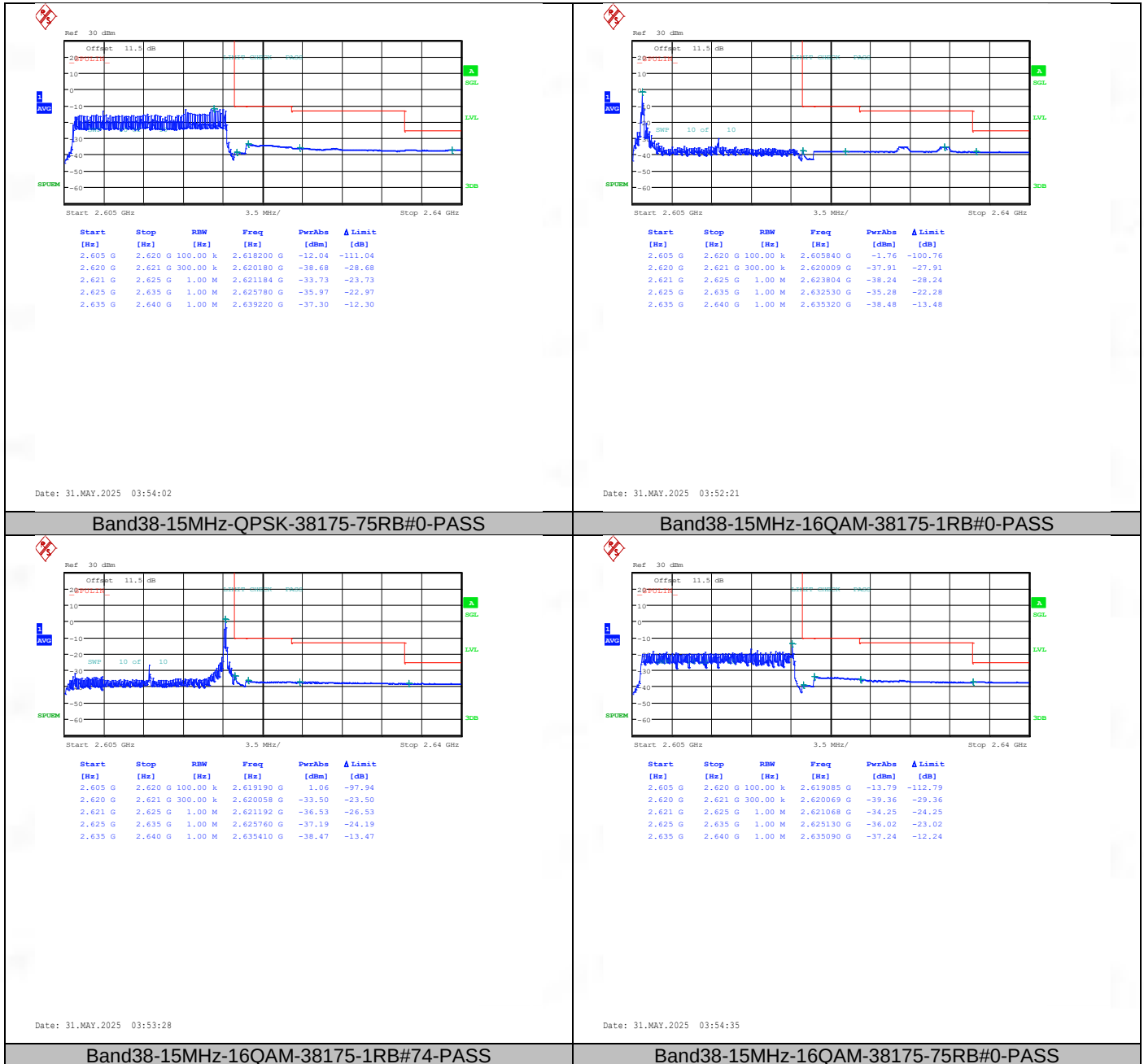




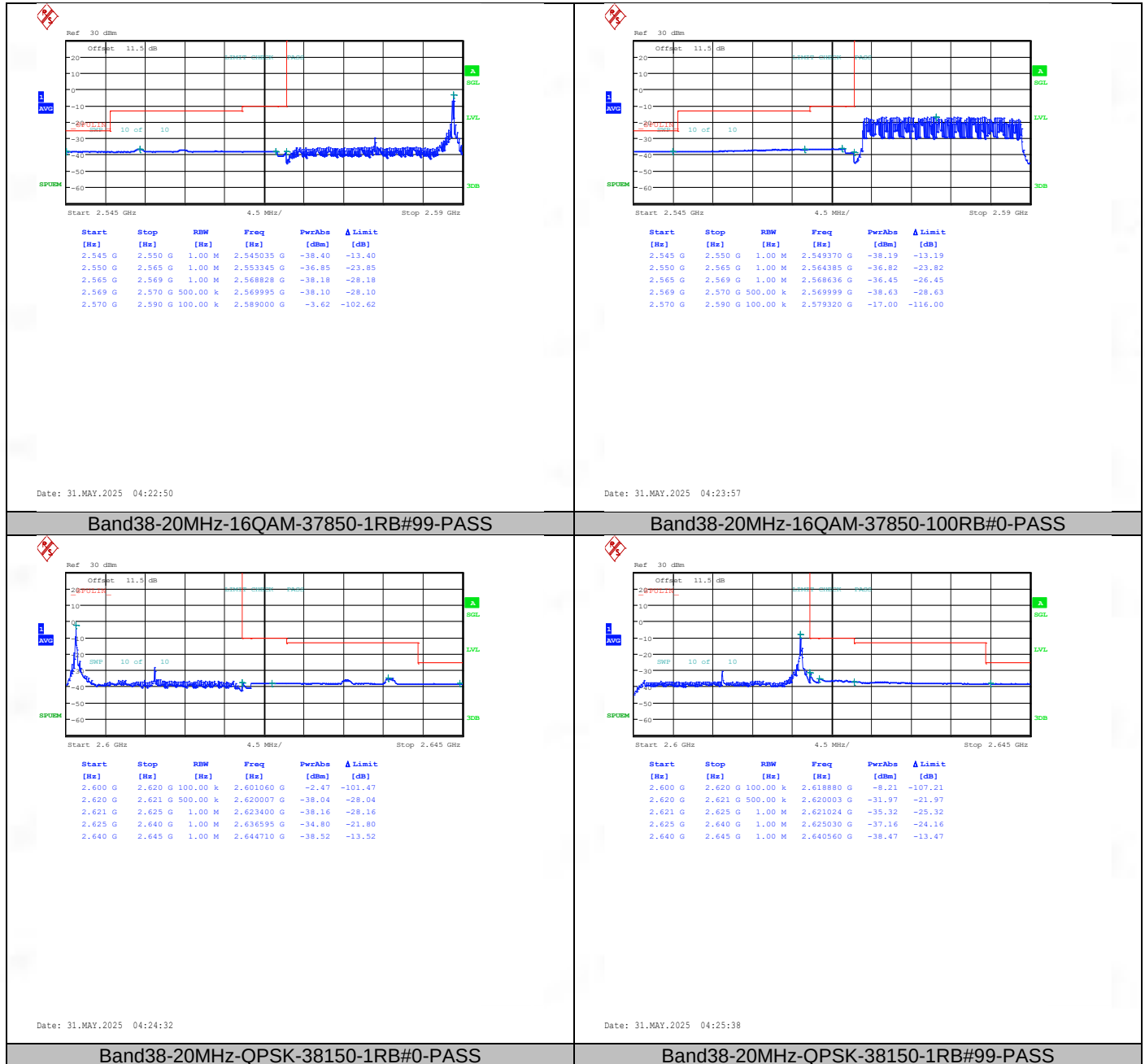


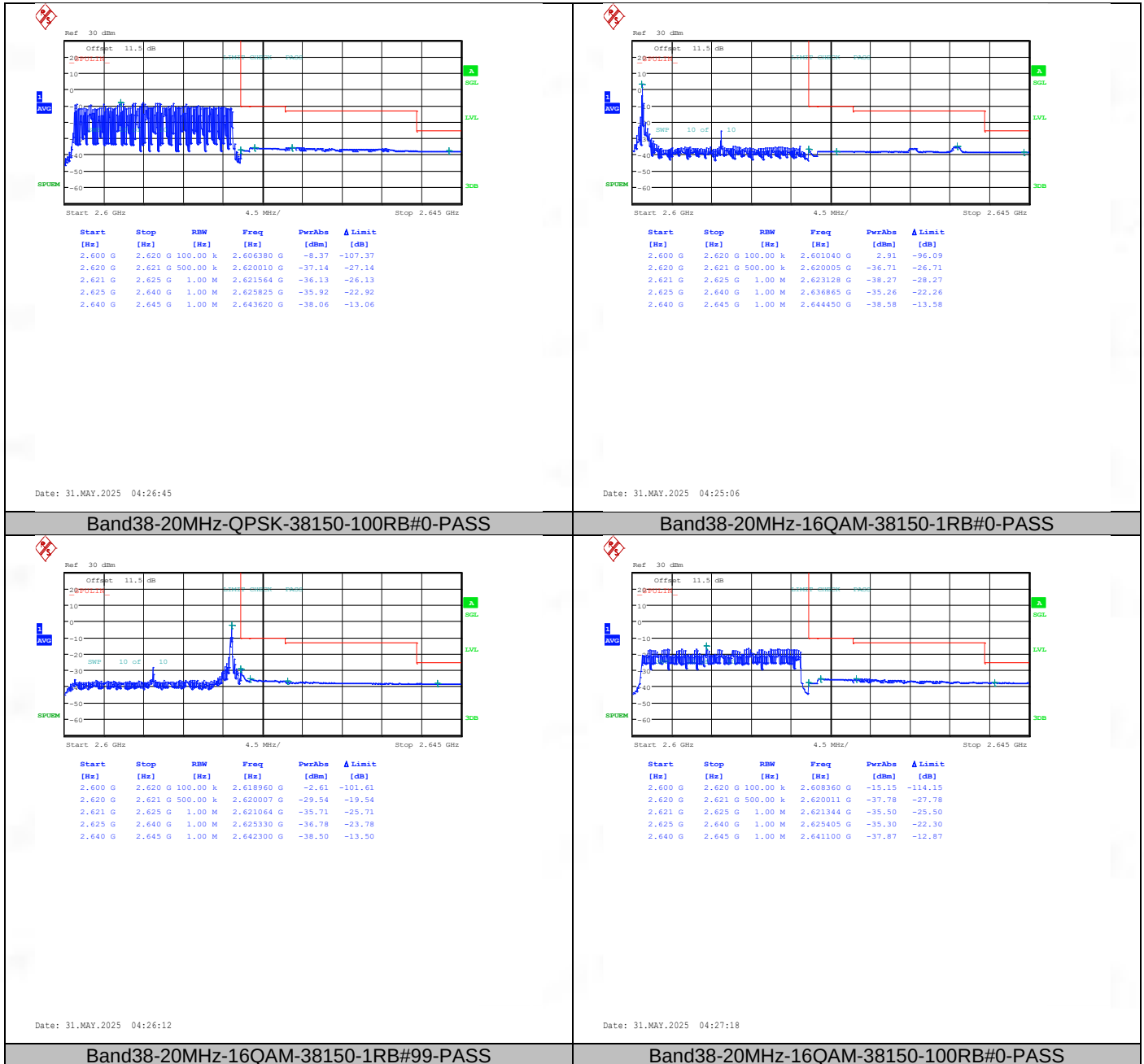












1.5 Appendix E: Conducted Spurious Emission

1.5.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-65.93	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-71.34	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-53.41	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-43.08	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-44.55	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-66.73	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-72.65	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-49.12	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-41.87	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-44.58	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-64.17	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-72.86	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-51.17	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-43.17	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-44.62	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-65.43	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-71.97	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-51.25	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-42.89	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-44.54	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-65.63	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-71.85	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-50.20	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-43.18	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-44.54	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-65.28	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-72.23	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-49.36	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-43.15	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-44.60	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-64.24	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-73.24	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-58.53	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-43.23	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-44.59	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-66.10	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-72.92	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-47.21	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-43.19	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-44.62	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-64.82	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-71.15	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-52.87	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-43.22	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-44.52	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-67.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-71.93	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-56.28	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-43.14	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-44.59	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-64.44	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-72.47	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-47.82	PASS

Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-43.17	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-44.62	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-66.20	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-72.50	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-47.65	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-43.15	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-44.58	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-64.48	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-72.39	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-47.24	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-43.19	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-44.50	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-65.06	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-72.04	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-47.36	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-43.18	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-44.57	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-64.34	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-73.08	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-45.53	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-43.19	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-44.59	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-65.53	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-73.17	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-47.25	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-43.20	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-44.46	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-64.24	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-71.76	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-49.82	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-43.15	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-44.54	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-65.03	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-72.56	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-47.59	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-43.20	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-44.50	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-64.98	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-72.33	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-50.26	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-43.15	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-44.61	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-66.12	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-72.40	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-55.85	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-43.18	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-44.53	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-66.19	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-72.92	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-49.95	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-43.14	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-44.46	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-65.32	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-72.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-58.61	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-43.21	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-44.57	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-65.66	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-72.30	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-51.65	PASS

Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-43.22	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-44.59	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-67.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-73.22	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-54.68	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-43.20	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-44.52	PASS

1.5.2 Test Graphs

