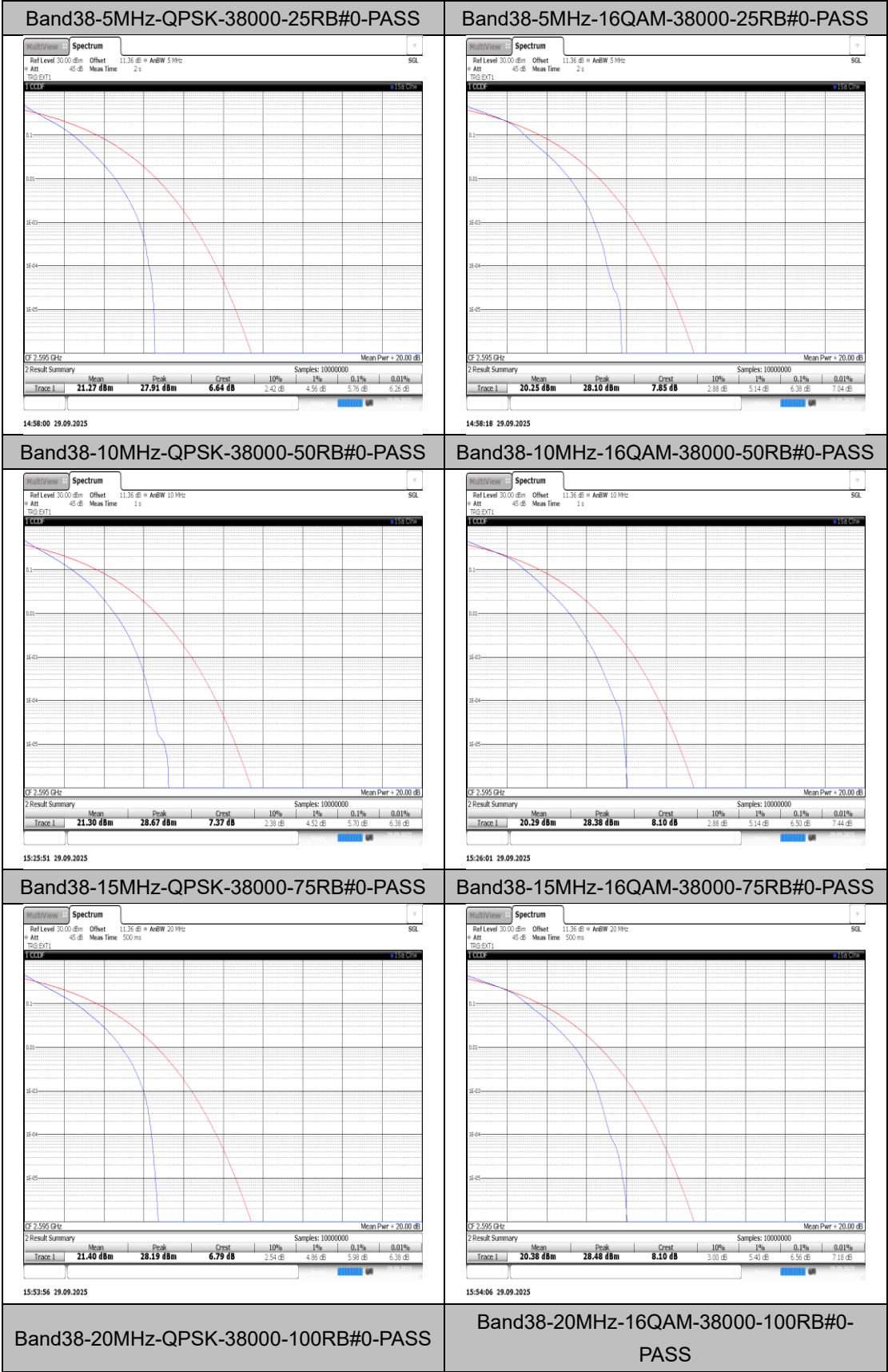


Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	5.76	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.38	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.70	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.50	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.98	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.56	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.70	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.44	13	PASS

Test Graphs

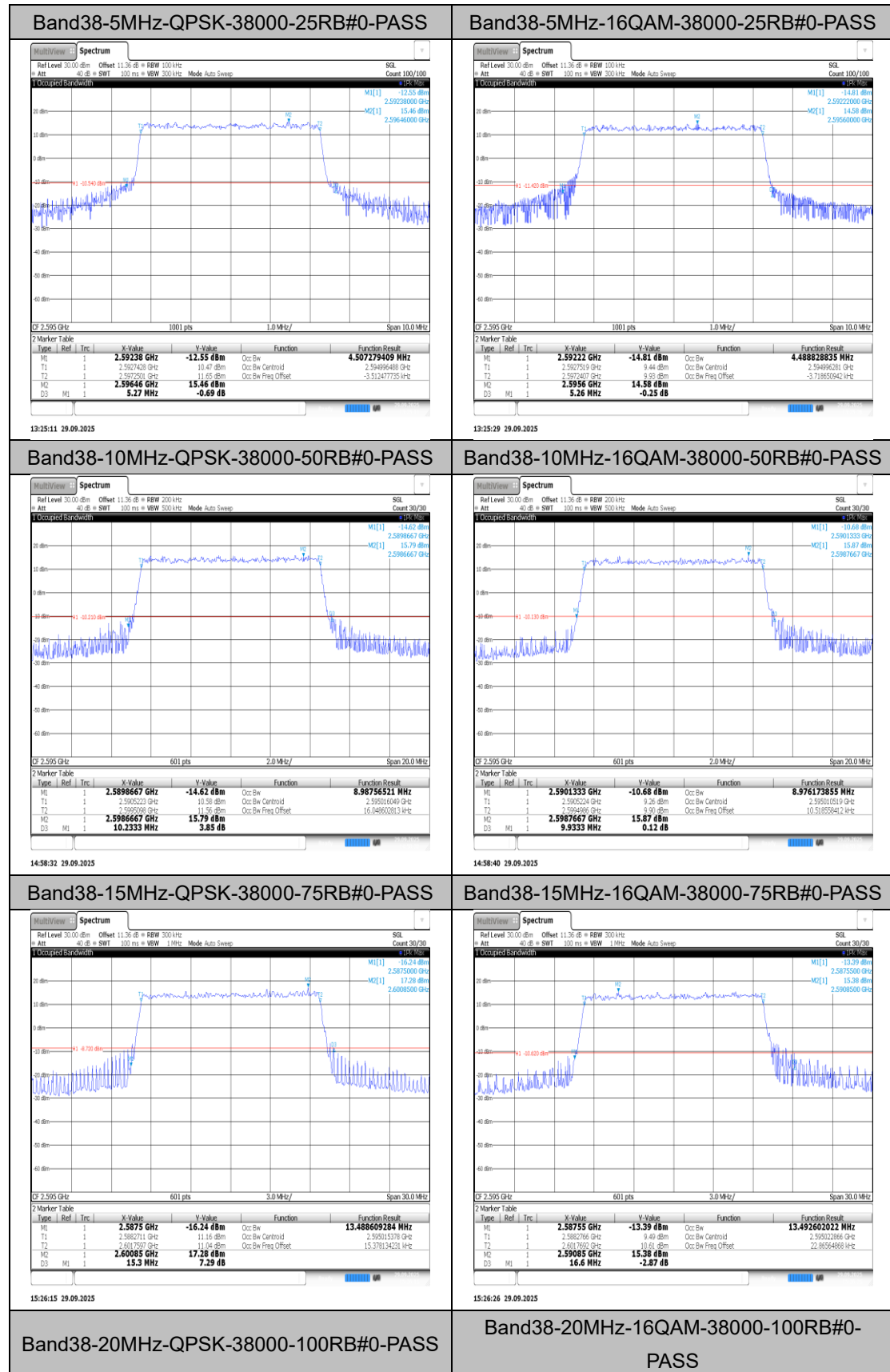


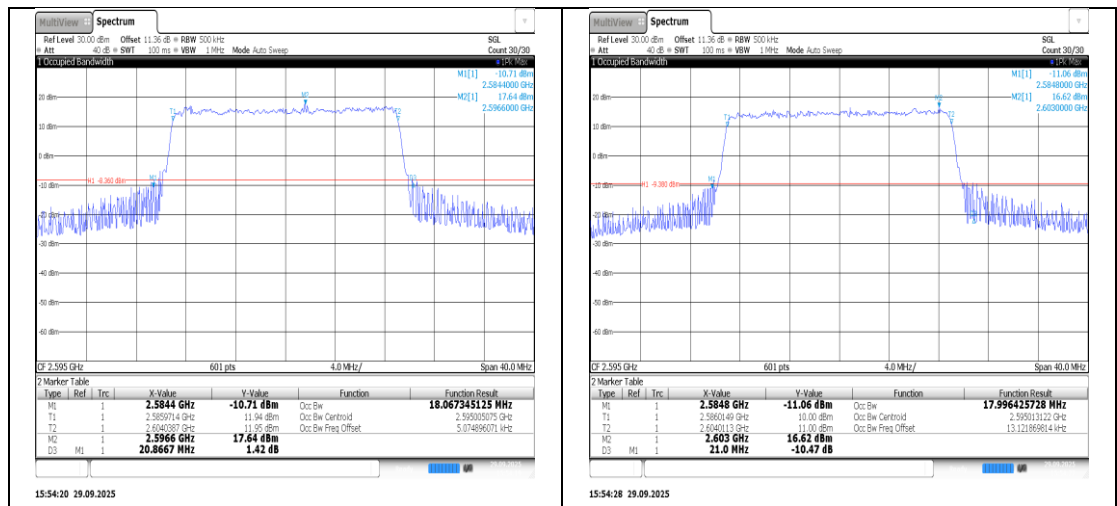
Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	4.507	5.27	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.489	5.26	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.988	10.23	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.976	9.93	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.489	15.30	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.493	16.60	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.067	20.87	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.996	21.00	PASS

Test Graphs





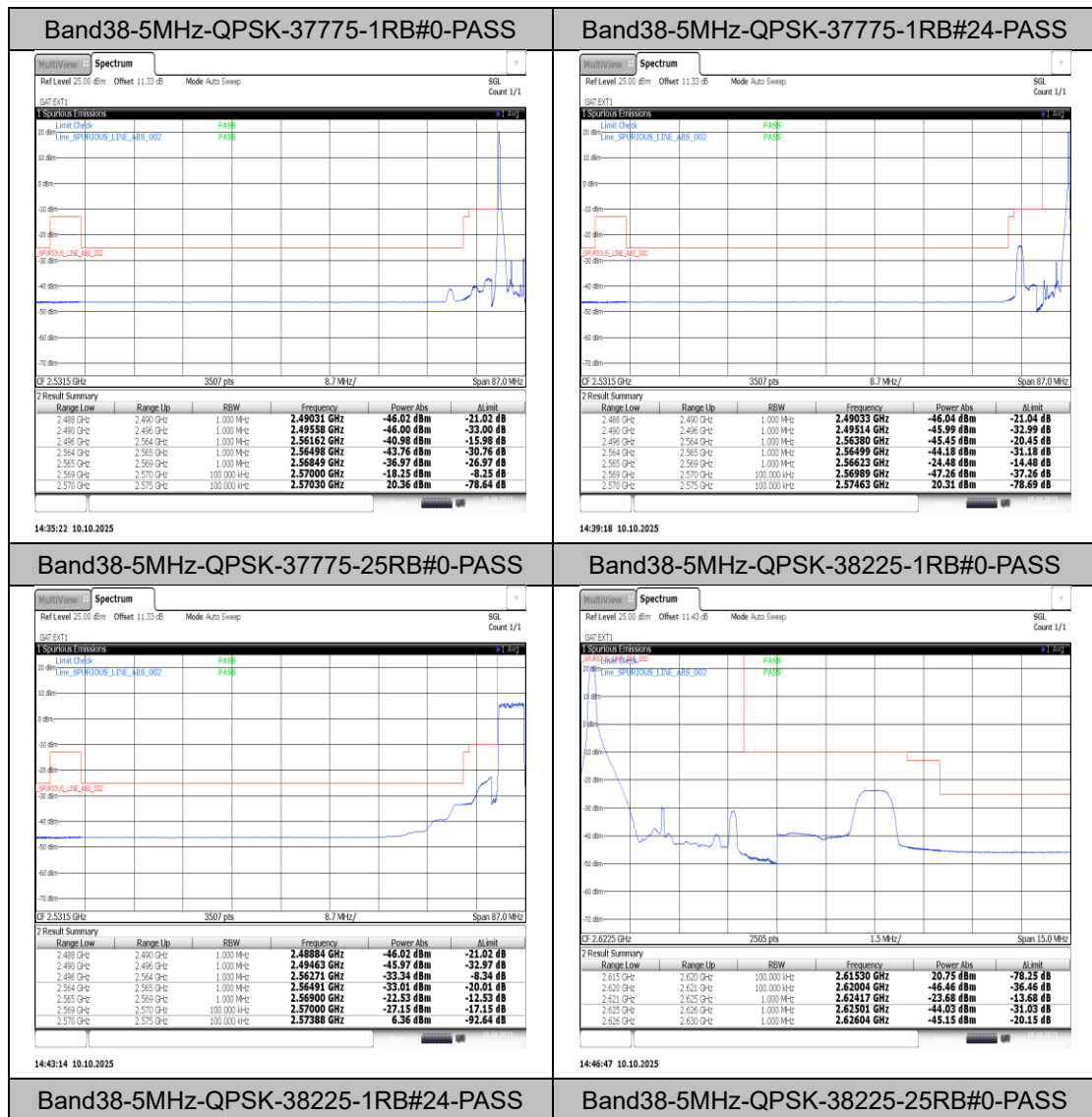
Appendix C: Band Edge

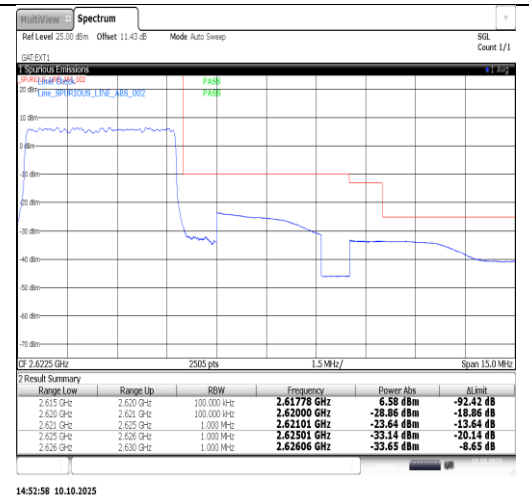
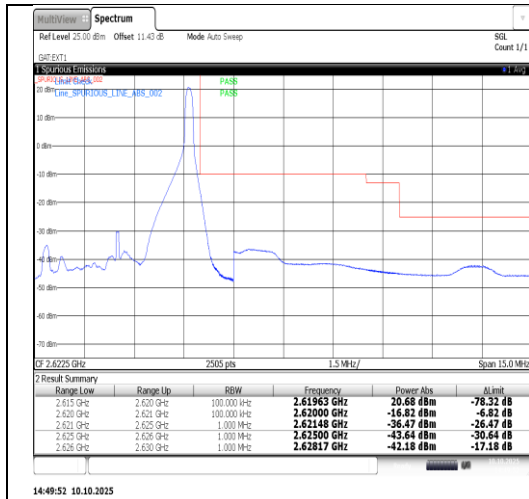
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-18.25	PASS
Band38	5MHz	QPSK	37775	1RB#24	-24.48	PASS
Band38	5MHz	QPSK	37775	25RB#0	-33.34	PASS
Band38	5MHz	QPSK	38225	1RB#0	-23.68	PASS
Band38	5MHz	QPSK	38225	1RB#24	-16.82	PASS
Band38	5MHz	QPSK	38225	25RB#0	-33.65	PASS
Band38	5MHz	16QAM	37775	1RB#0	-19.10	PASS
Band38	5MHz	16QAM	37775	1RB#24	-26.04	PASS
Band38	5MHz	16QAM	37775	25RB#0	-33.79	PASS
Band38	5MHz	16QAM	38225	1RB#0	-25.37	PASS
Band38	5MHz	16QAM	38225	1RB#24	-18.87	PASS
Band38	5MHz	16QAM	38225	25RB#0	-34.18	PASS
Band38	10MHz	QPSK	37800	1RB#0	-20.01	PASS
Band38	10MHz	QPSK	37800	1RB#49	-25.13	PASS
Band38	10MHz	QPSK	37800	50RB#0	-36.15	PASS
Band38	10MHz	QPSK	38200	1RB#0	-24.18	PASS
Band38	10MHz	QPSK	38200	1RB#49	-19.44	PASS
Band38	10MHz	QPSK	38200	50RB#0	-36.90	PASS
Band38	10MHz	16QAM	37800	1RB#0	-21.02	PASS
Band38	10MHz	16QAM	37800	1RB#49	-26.57	PASS
Band38	10MHz	16QAM	37800	50RB#0	-36.18	PASS
Band38	10MHz	16QAM	38200	1RB#0	-25.81	PASS
Band38	10MHz	16QAM	38200	1RB#49	-20.88	PASS
Band38	10MHz	16QAM	38200	50RB#0	-36.66	PASS
Band38	15MHz	QPSK	37825	1RB#0	-21.33	PASS
Band38	15MHz	QPSK	37825	1RB#74	-24.11	PASS
Band38	15MHz	QPSK	37825	75RB#0	-36.02	PASS
Band38	15MHz	QPSK	38175	1RB#0	-23.08	PASS
Band38	15MHz	QPSK	38175	1RB#74	-20.38	PASS
Band38	15MHz	QPSK	38175	75RB#0	-36.23	PASS
Band38	15MHz	16QAM	37825	1RB#0	-21.37	PASS
Band38	15MHz	16QAM	37825	1RB#74	-25.86	PASS
Band38	15MHz	16QAM	37825	75RB#0	-36.84	PASS
Band38	15MHz	16QAM	38175	1RB#0	-25.13	PASS
Band38	15MHz	16QAM	38175	1RB#74	-24.15	PASS
Band38	15MHz	16QAM	38175	75RB#0	-37.80	PASS
Band38	20MHz	QPSK	37850	1RB#0	-21.31	PASS

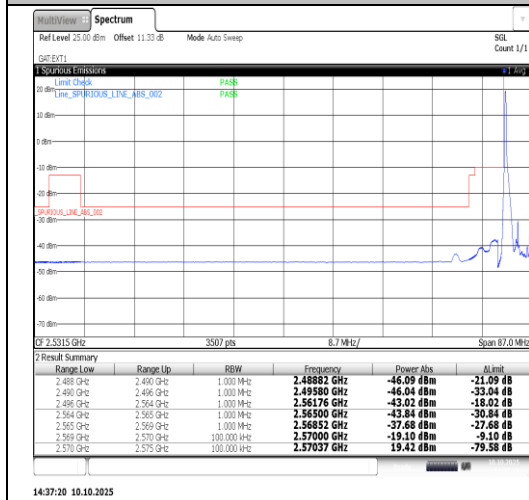
Band38	20MHz	QPSK	37850	1RB#99	-31.94	PASS
Band38	20MHz	QPSK	37850	100RB#0	-37.51	PASS
Band38	20MHz	QPSK	38150	1RB#0	-24.71	PASS
Band38	20MHz	QPSK	38150	1RB#99	-21.81	PASS
Band38	20MHz	QPSK	38150	100RB#0	-39.10	PASS
Band38	20MHz	16QAM	37850	1RB#0	-22.31	PASS
Band38	20MHz	16QAM	37850	1RB#99	-32.78	PASS
Band38	20MHz	16QAM	37850	100RB#0	-38.27	PASS
Band38	20MHz	16QAM	38150	1RB#0	-26.04	PASS
Band38	20MHz	16QAM	38150	1RB#99	-23.75	PASS
Band38	20MHz	16QAM	38150	100RB#0	-39.10	PASS

Test Graphs





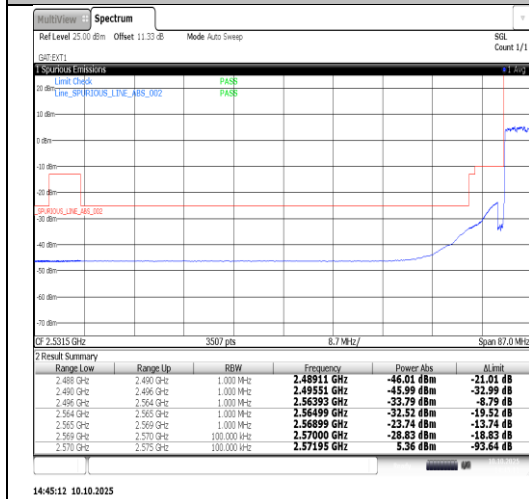
Band38-5MHz-16QAM-37775-1RB#0-PASS



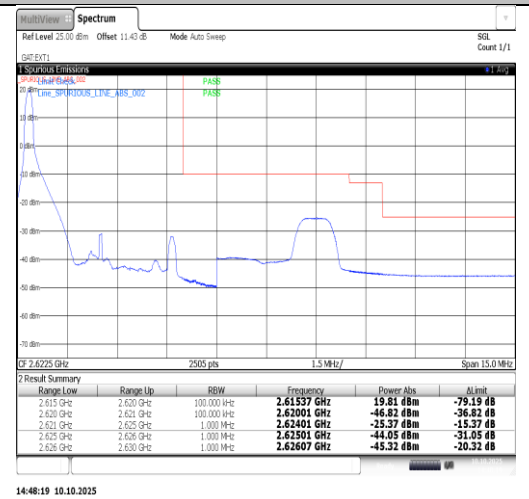
Band38-5MHz-16QAM-37775-1RB#24-PASS



Band38-5MHz-16QAM-37775-25RB#0-PASS

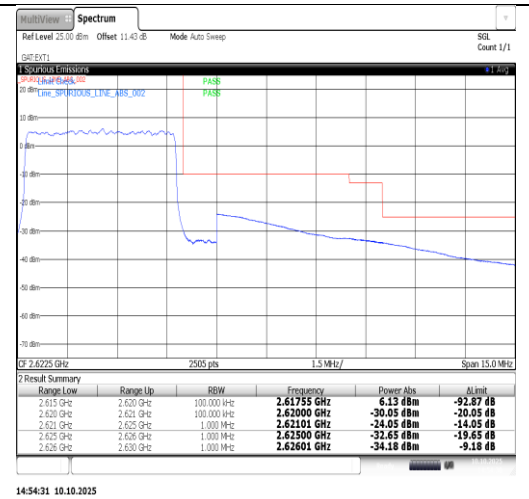
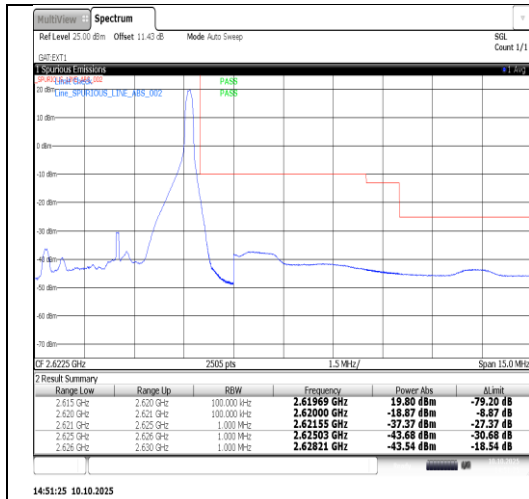


Band38-5MHz-16QAM-38225-1RB#0-PASS

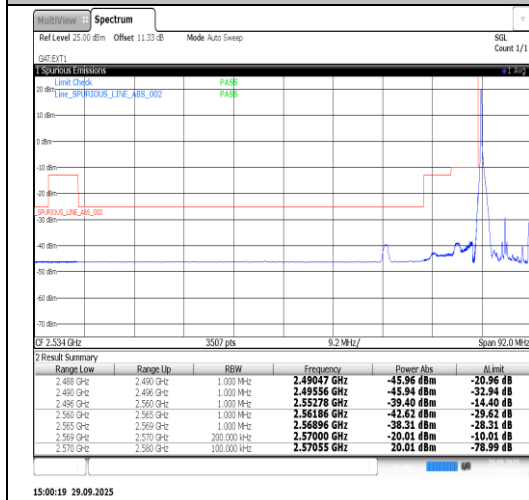


Band38-5MHz-16QAM-38225-1RB#24-PASS

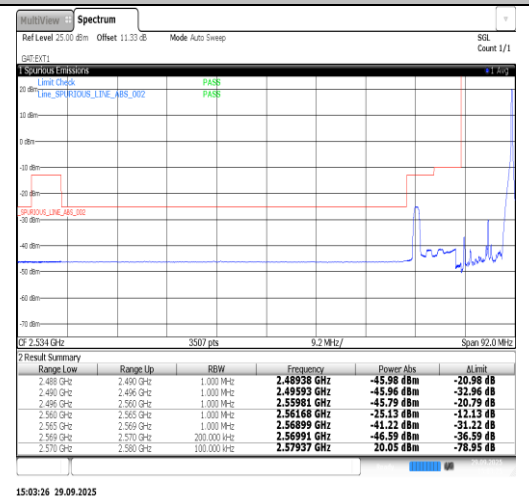
Band38-5MHz-16QAM-38225-25RB#0-PASS



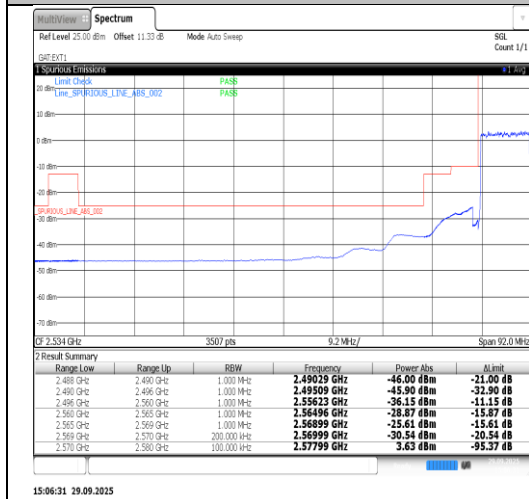
Band38-10MHz-QPSK-37800-1RB#0-PASS



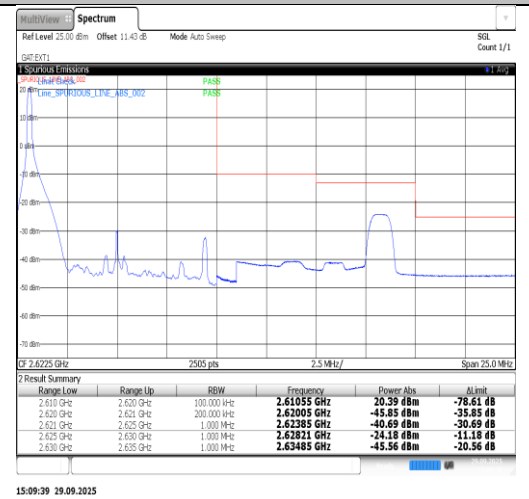
Band38-10MHz-QPSK-37800-1RB#49-PASS



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

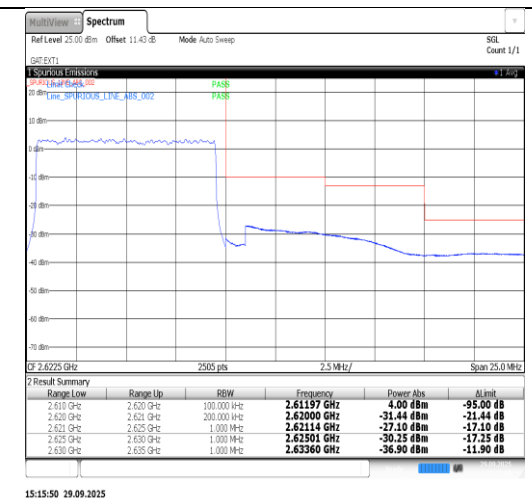
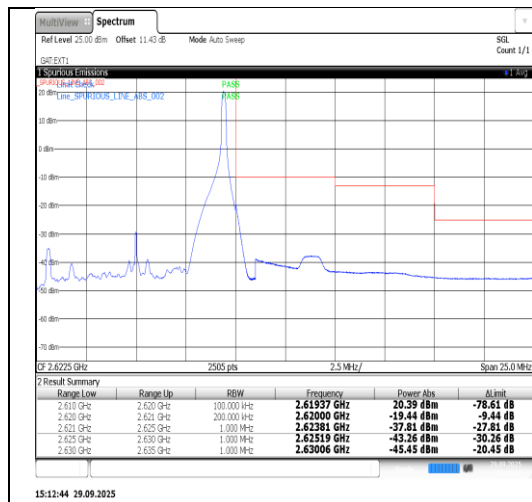


Band38-10MHz-QPSK-38200-1RB#0-PASS

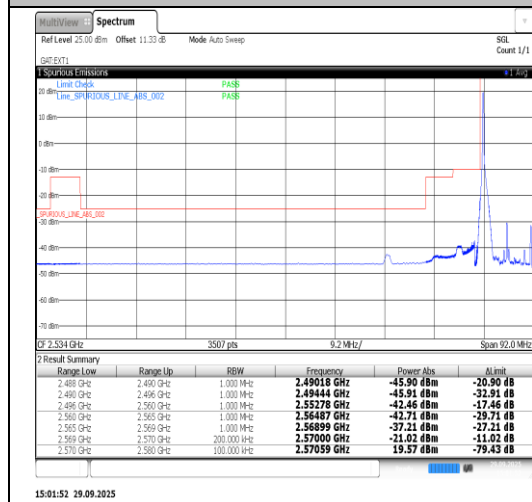


Band38-10MHz-QPSK-38200-1RB#49-PASS

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



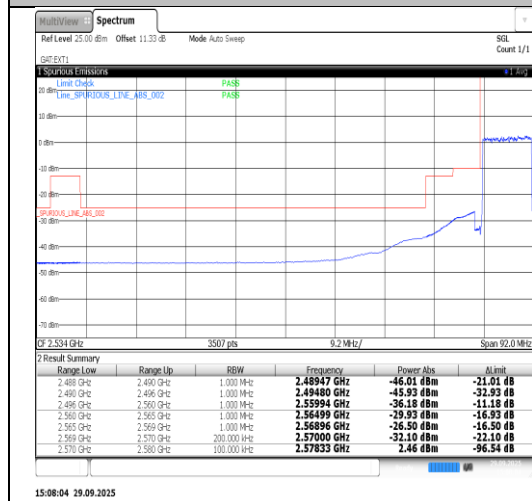
Band38-10MHz-16QAM-37800-1RB#0-PASS



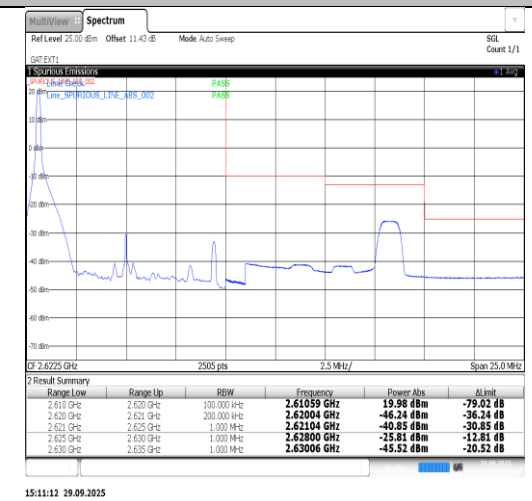
Band38-10MHz-16QAM-37800-1RB#49-PASS



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

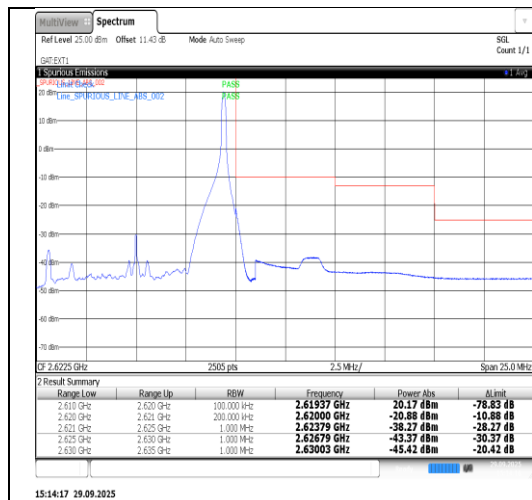


Band38-10MHz-16QAM-38200-1RB#0-PASS

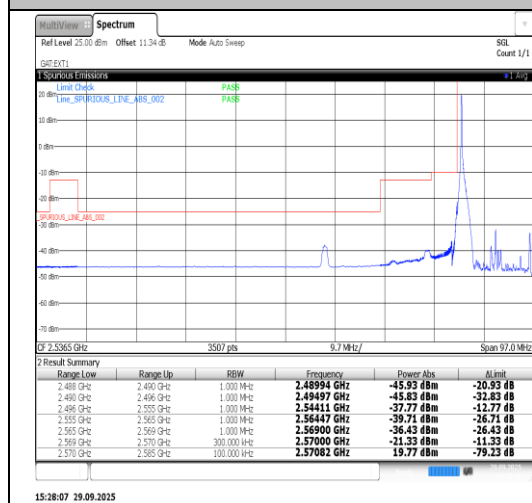


Band38-10MHz-16QAM-38200-1RB#49-PASS

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



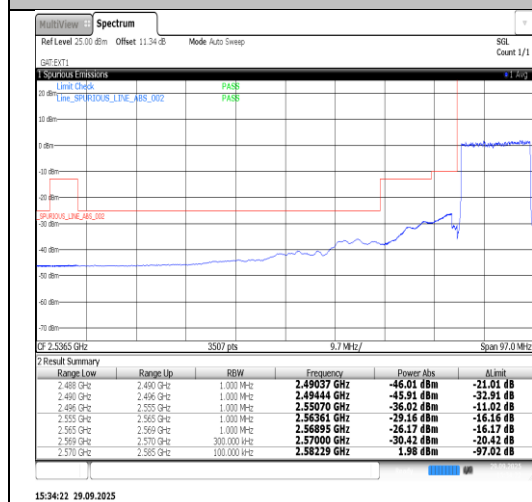
Band38-15MHz-QPSK-37825-1RB#0-PASS



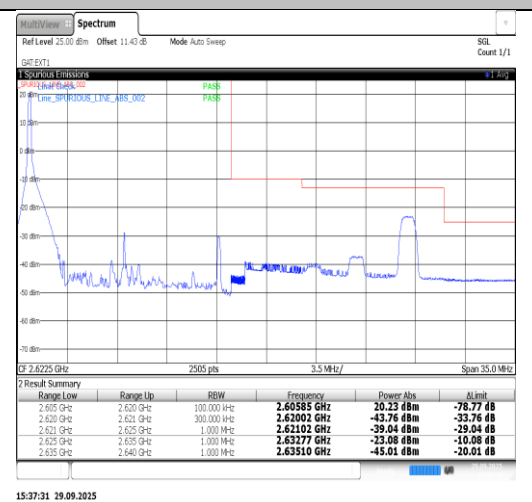
Band38-15MHz-QPSK-37825-1RB#74-PASS



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

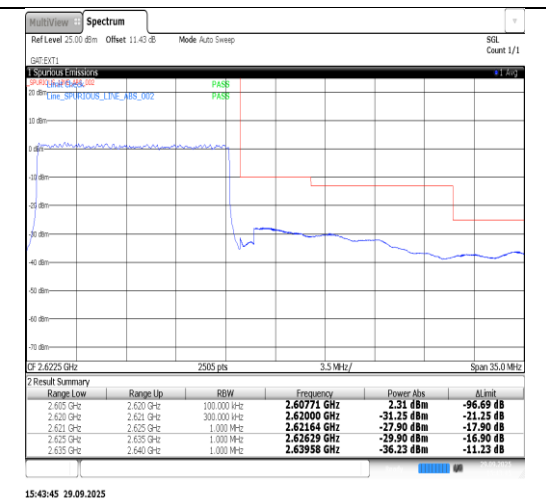
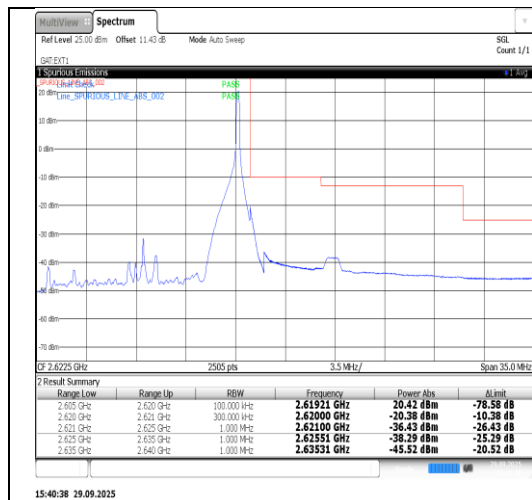


Band38-15MHz-QPSK-38175-1RB#0-PASS

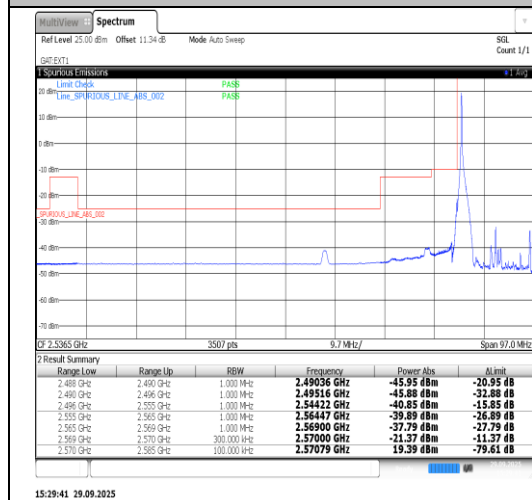


Band38-15MHz-QPSK-38175-1RB#74-PASS

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



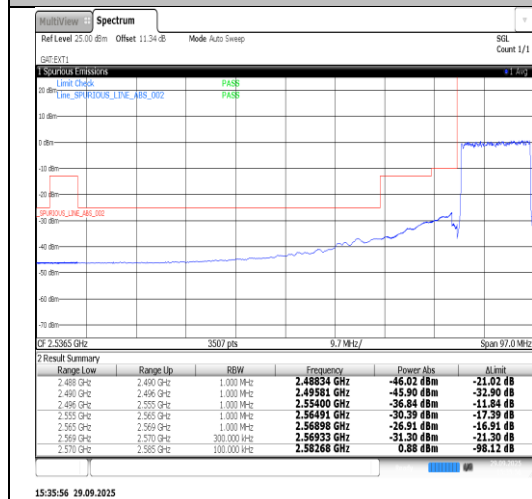
Band38-15MHz-16QAM-37825-1RB#0-PASS



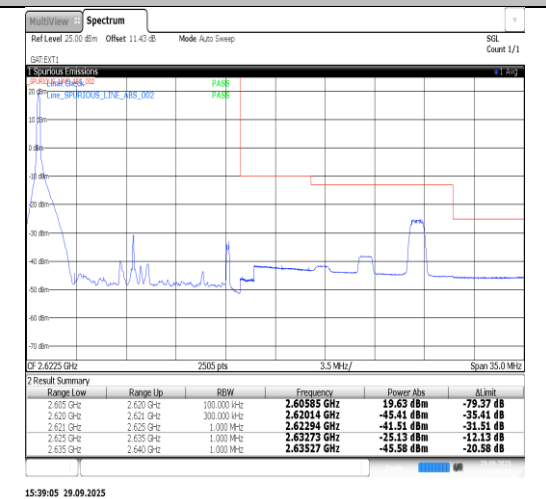
Band38-15MHz-16QAM-37825-1RB#74-PASS



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

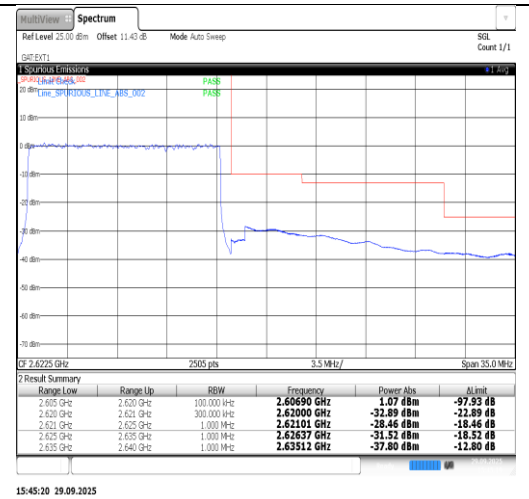
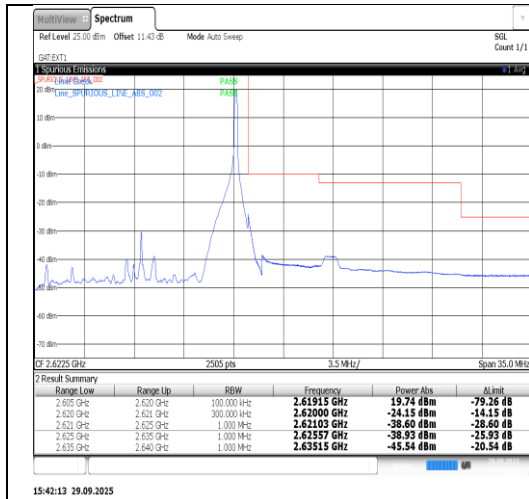


Band38-15MHz-16QAM-38175-1RB#0-PASS

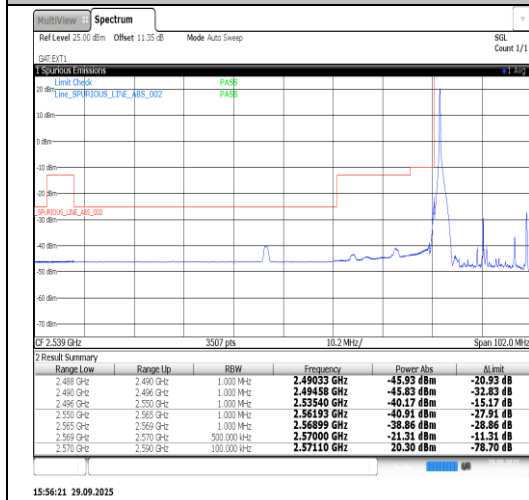


Band38-15MHz-16QAM-38175-1RB#74-PASS

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



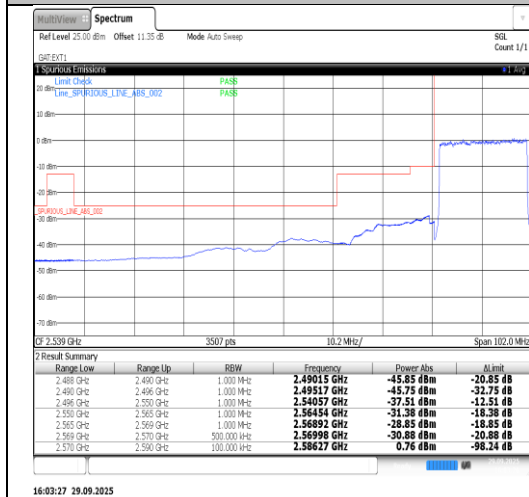
Band38-20MHz-QPSK-37850-1RB#0-PASS



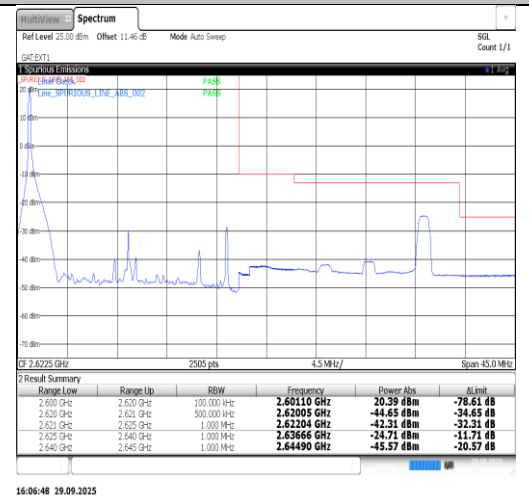
Band38-20MHz-QPSK-37850-1RB#99-PASS



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

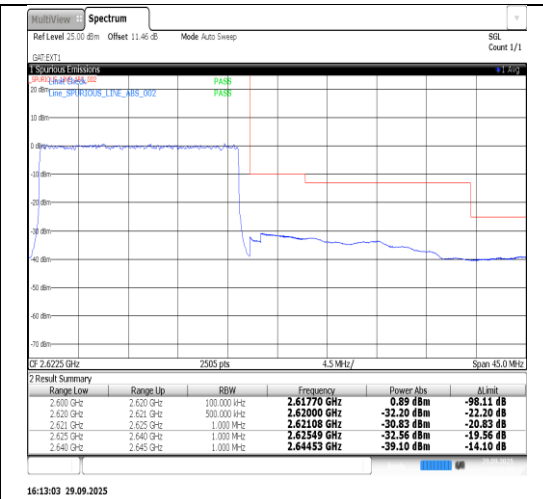
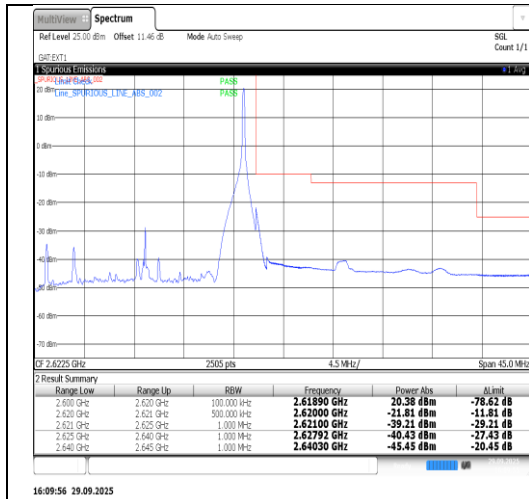


Band38-20MHz-QPSK-38150-1RB#0-PASS

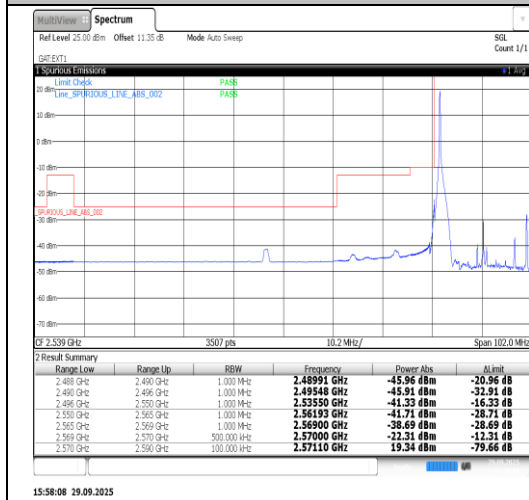


Band38-20MHz-QPSK-38150-1RB#99-PASS

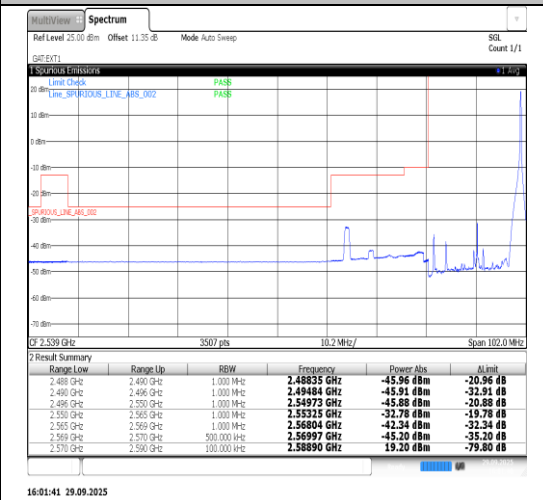
Band38-20MHz-QPSK-38150-100RB#0-PASS



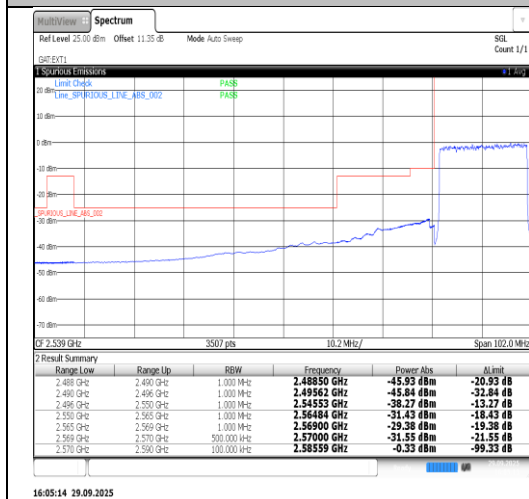
Band38-20MHz-16QAM-37850-1RB#0-PASS



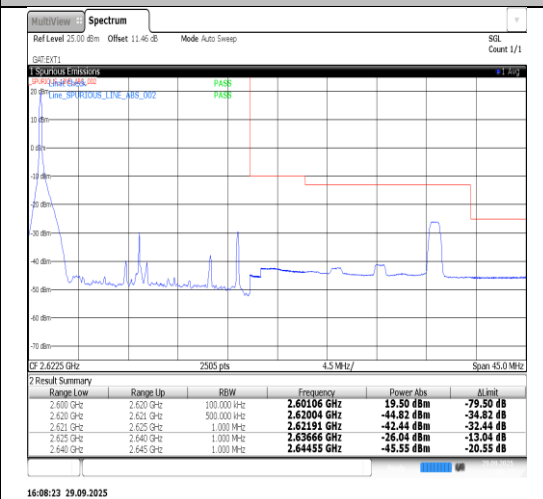
Band38-20MHz-16QAM-37850-1RB#99-PASS



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

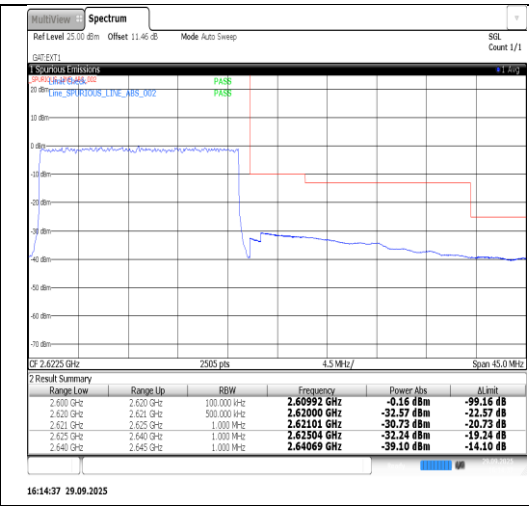
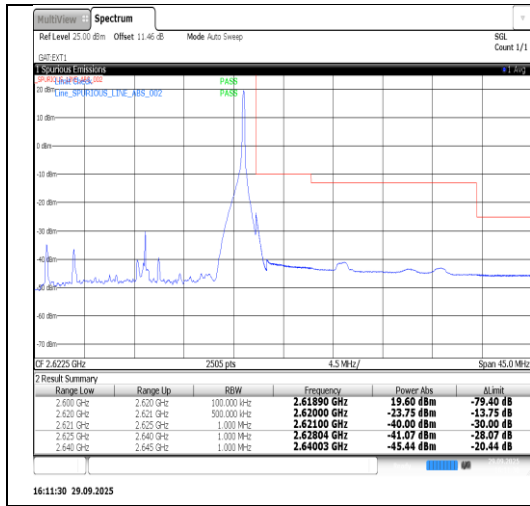


Band38-20MHz-16QAM-38150-1RB#0-PASS



Band38-20MHz-16QAM-38150-1RB#99-PASS

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



Appendix D: Conducted Spurious Emission

Test Result

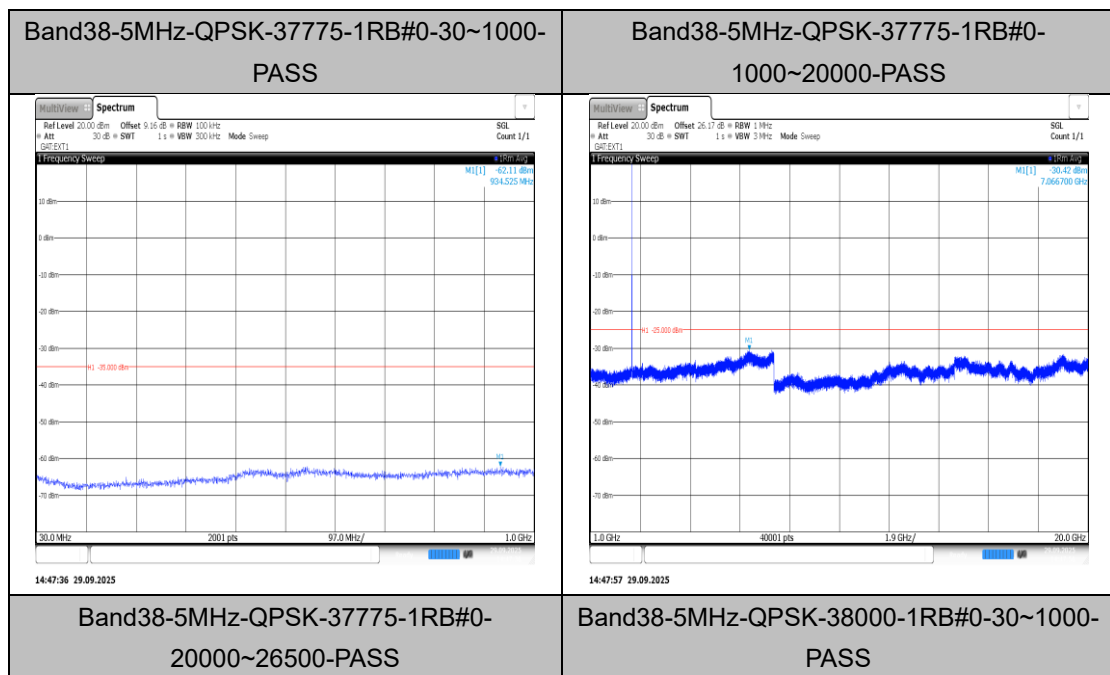
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-62.11	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-30.42	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~26500	-29.82	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-62.29	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-30.36	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~26500	-29.32	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-62.23	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-30.66	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~26500	-29.80	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-62.25	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-30.58	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~26500	-30.04	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-61.87	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-30.68	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~26500	-29.81	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-61.86	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-30.24	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~26500	-29.98	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-	PASS

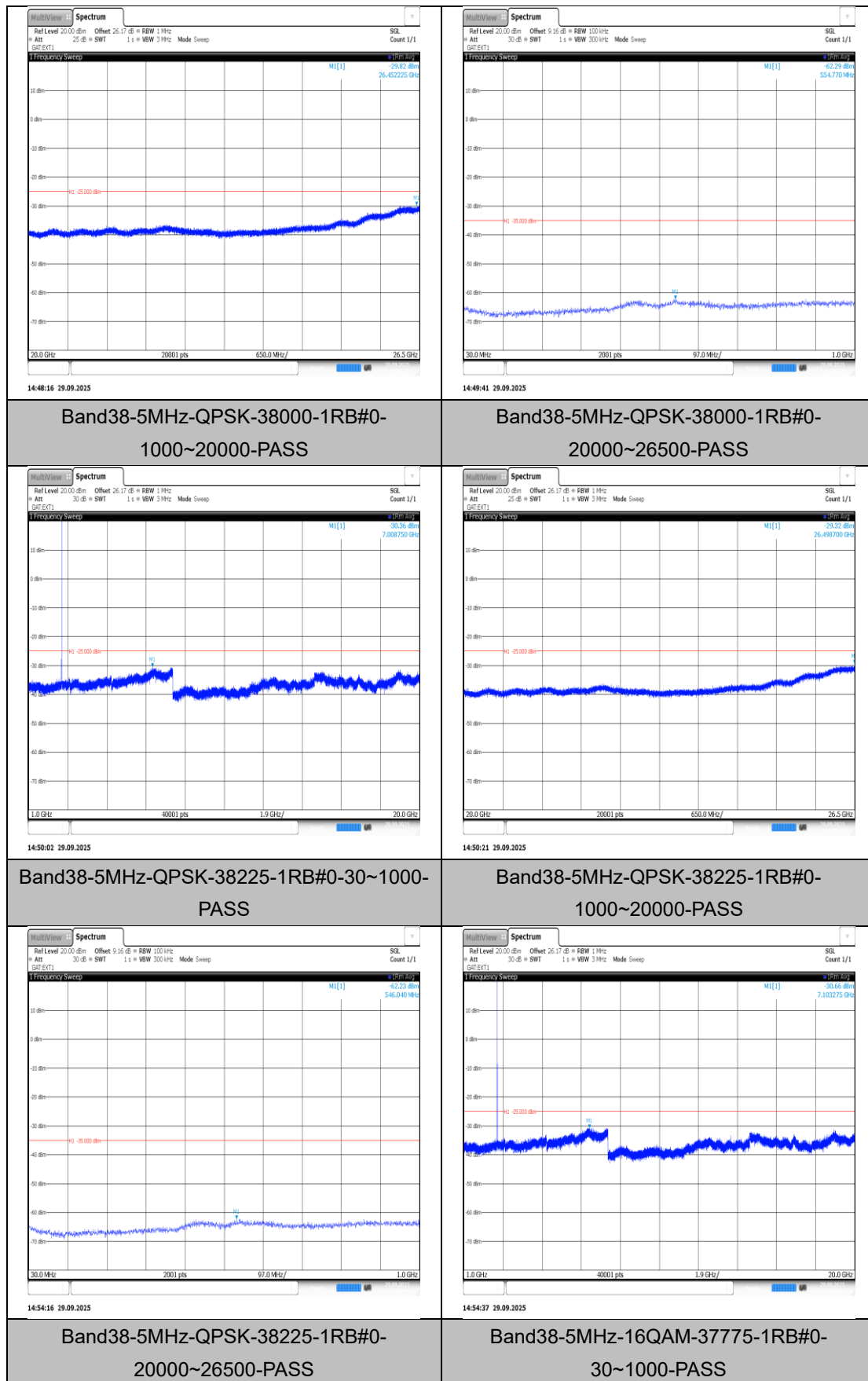
						62.14	
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	- 18.31	/
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	- 31.10	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~26500	- 29.99	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	- 62.29	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	- 29.51	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~26500	- 29.89	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	- 62.31	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	- 30.09	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~26500	- 29.95	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	- 62.32	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	- 30.28	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~26500	- 29.83	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	- 62.22	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	- 29.58	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~26500	- 29.85	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	- 60.27	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	- 30.35	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~26500	- 29.63	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	- 62.29	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	- 25.67	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~26500	- 30.00	PASS

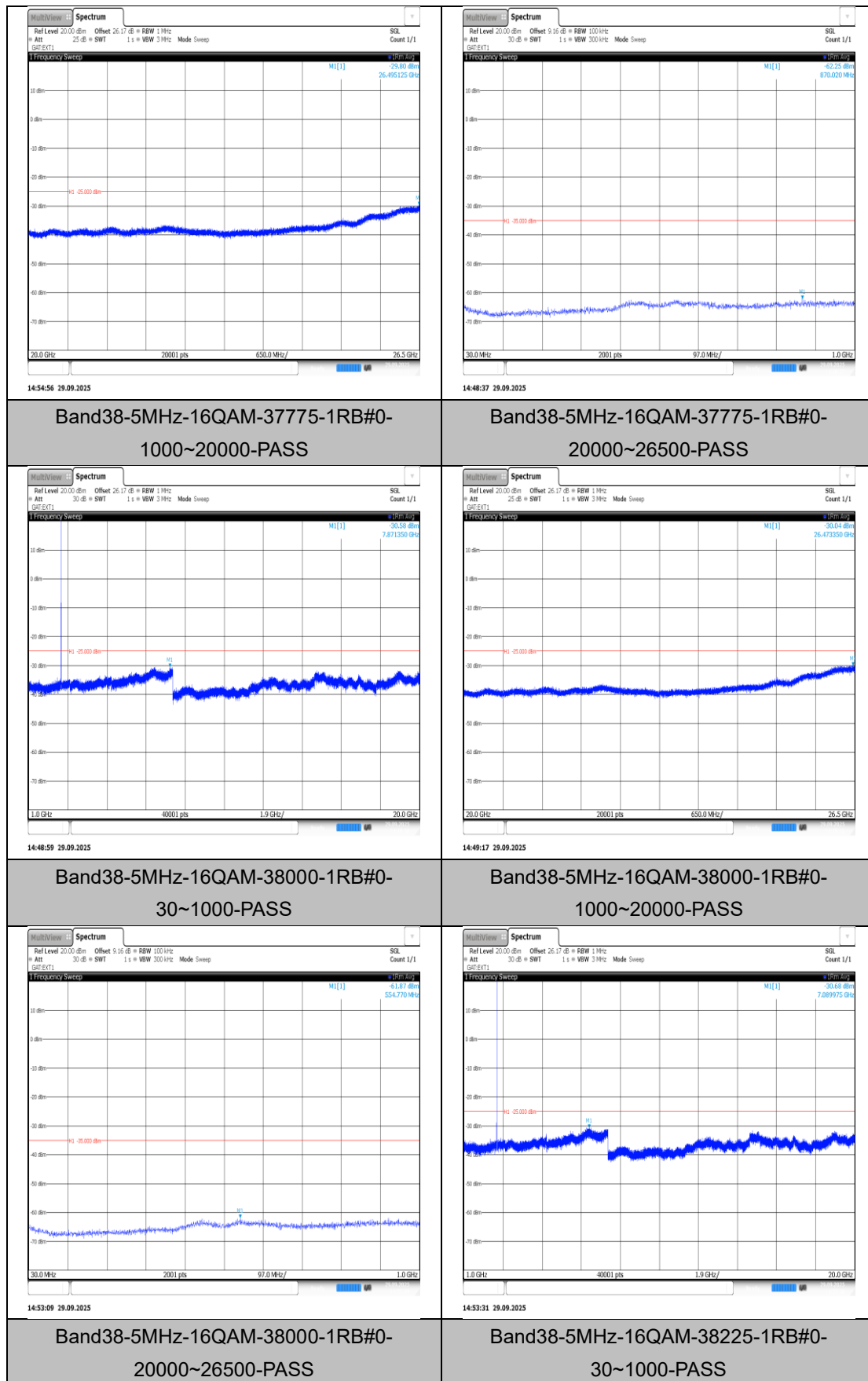
Band38	15MHz	QPSK	38000	1RB#0	30~1000	- 62.49	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	- 30.41	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~26500	- 30.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	- 61.96	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	- 25.76	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~26500	- 30.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	- 62.39	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	- 21.13	/
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	- 35.56	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~26500	- 29.60	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	- 62.27	PASS
Band38	15MHz	16QAM	38000	1RB#0	1000~20000	- 30.16	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~26500	- 29.79	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	- 62.08	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	- 30.55	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~26500	- 29.83	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	- 62.48	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	- 25.62	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~26500	- 29.65	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	- 61.92	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	- 30.50	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~26500	- 30.03	PASS

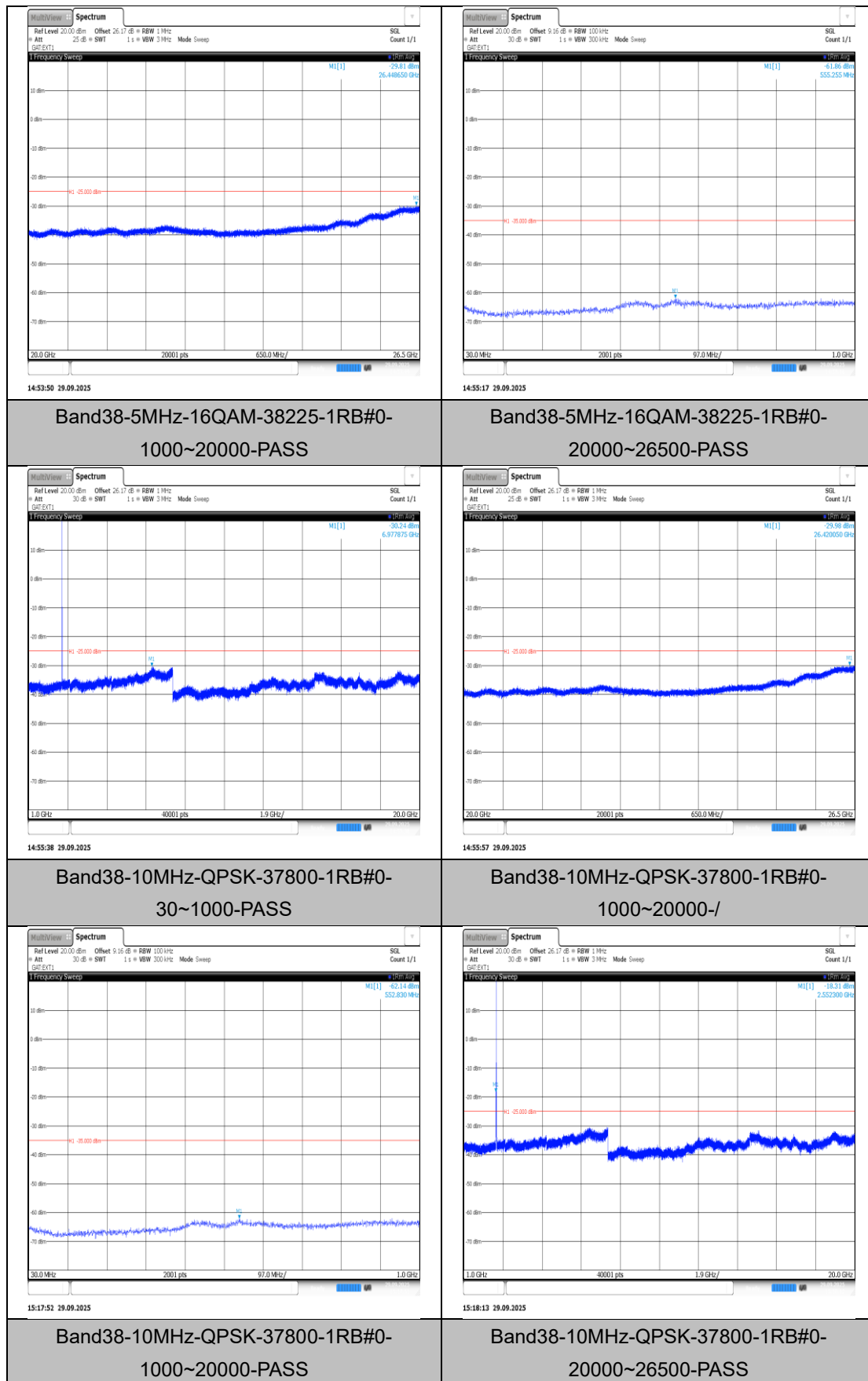
Band38	20MHz	QPSK	38150	1RB#0	30~1000	- 61.99	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	- 30.40	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~26500	- 29.69	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	- 62.06	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	- 28.53	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~26500	- 29.68	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	- 62.12	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	- 30.61	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~26500	- 30.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	- 62.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	- 30.47	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~26500	- 29.90	PASS

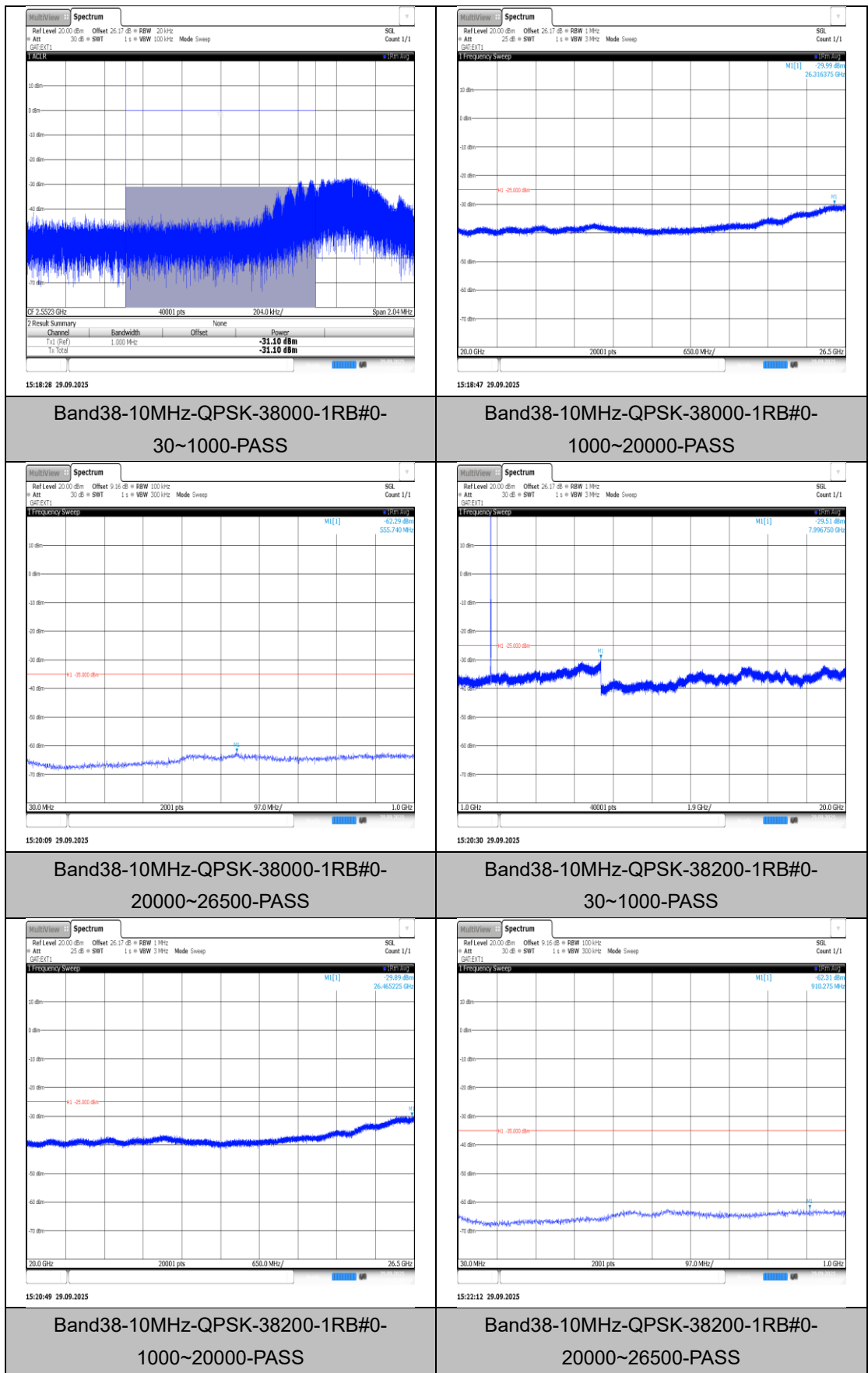
Test Graphs

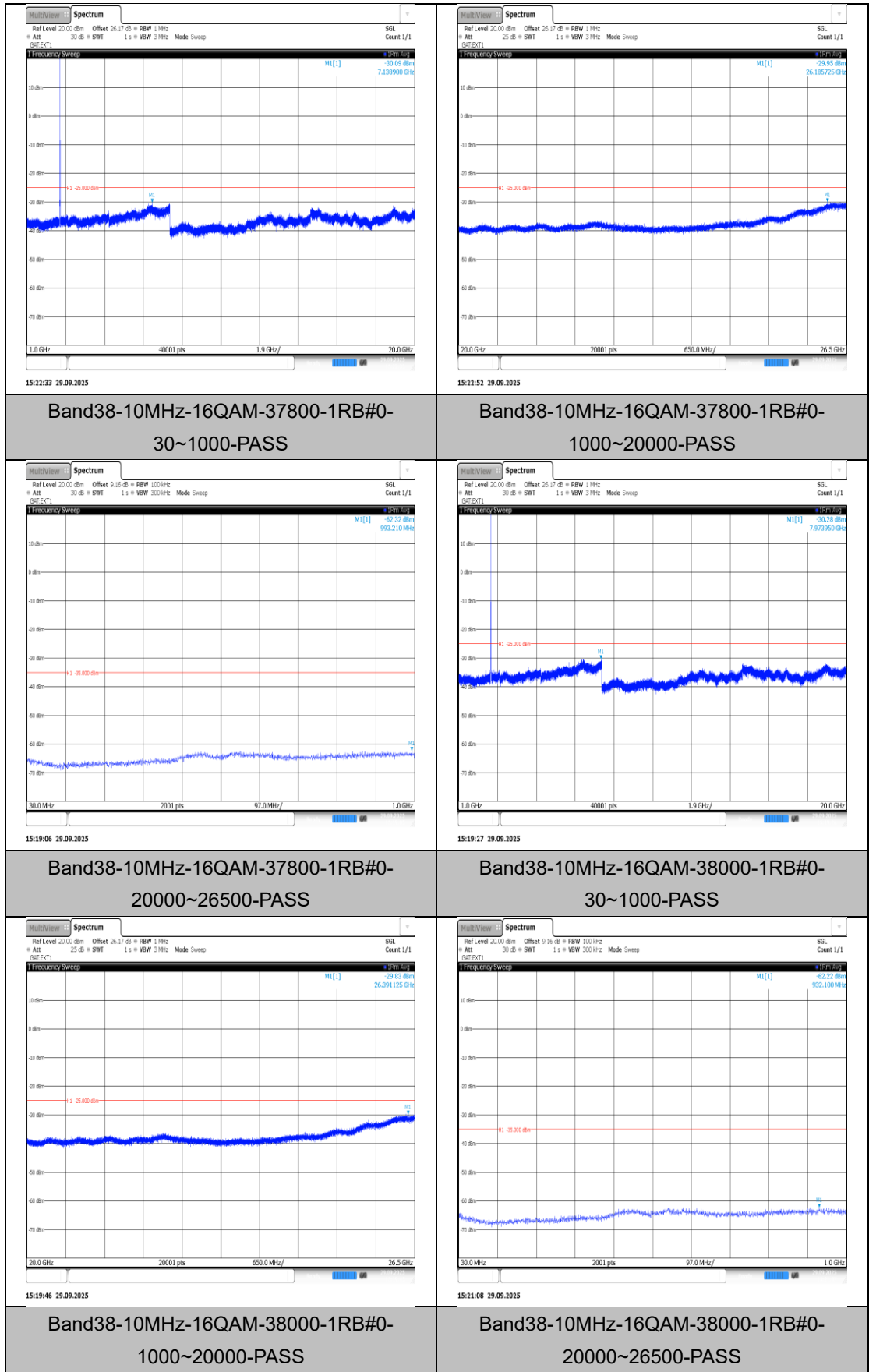


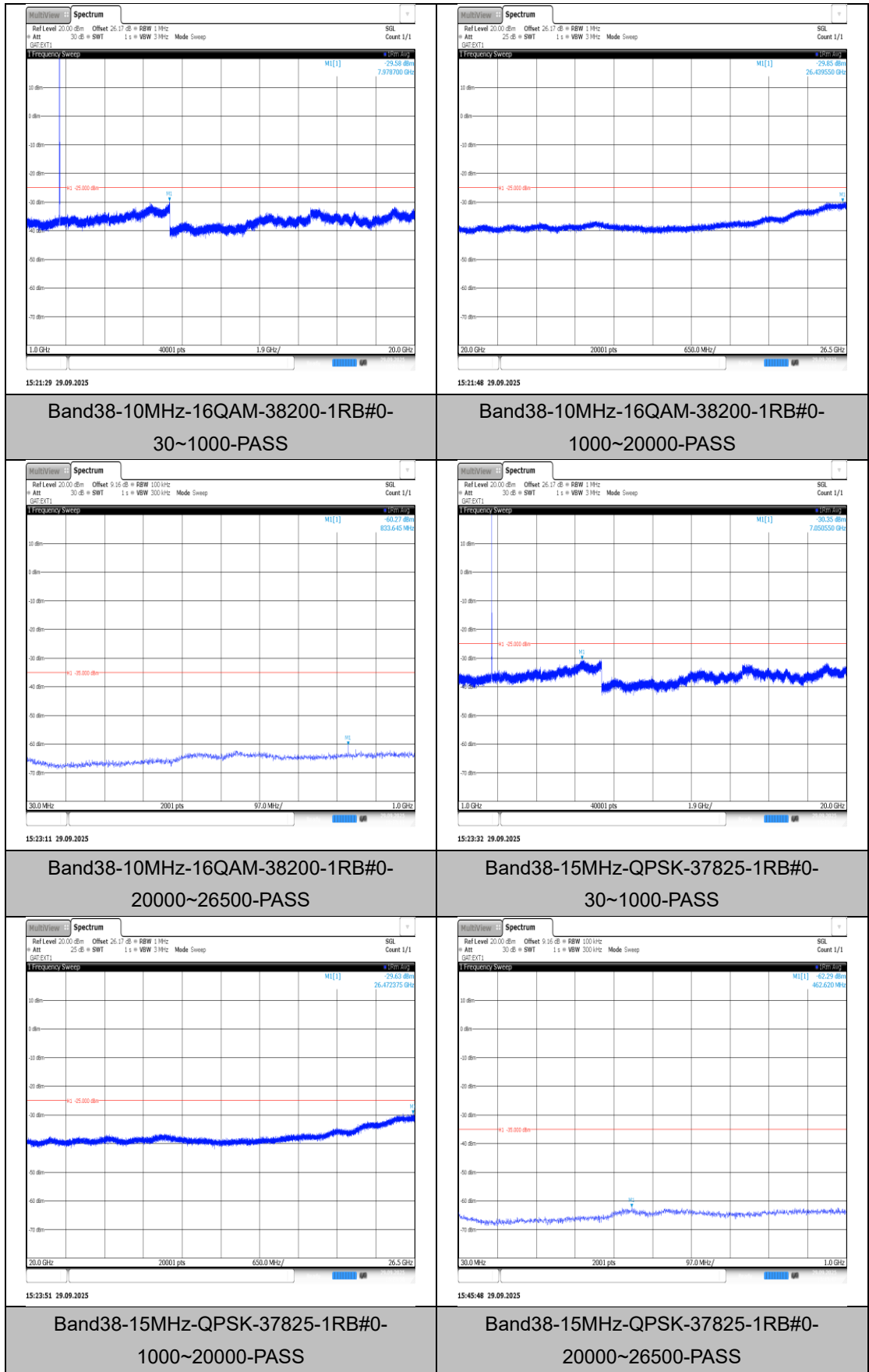


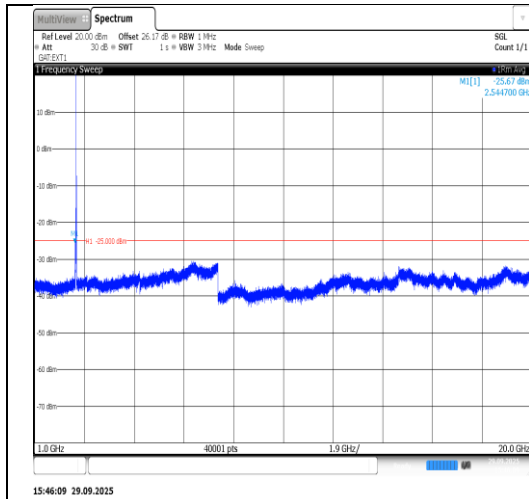




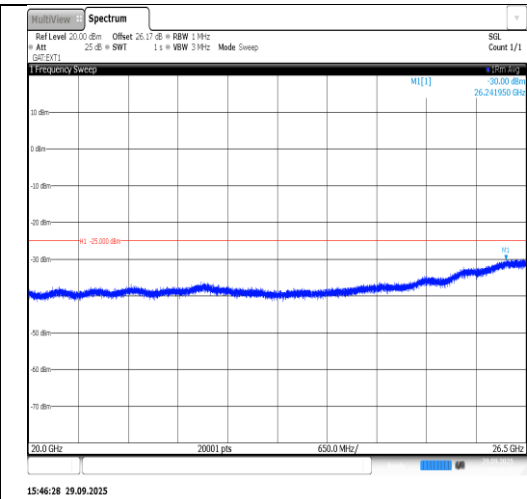




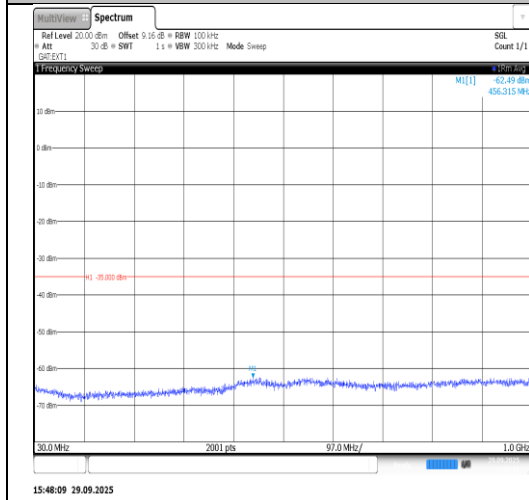




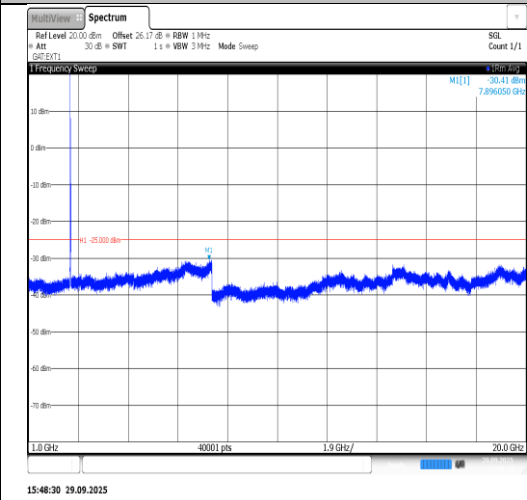
Band38-15MHz-QPSK-38000-1RB#0-
30~1000-PASS



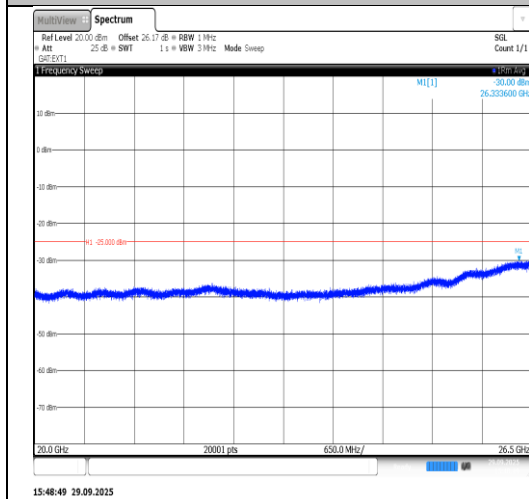
Band38-15MHz-QPSK-38000-1RB#0-
1000~20000-PASS



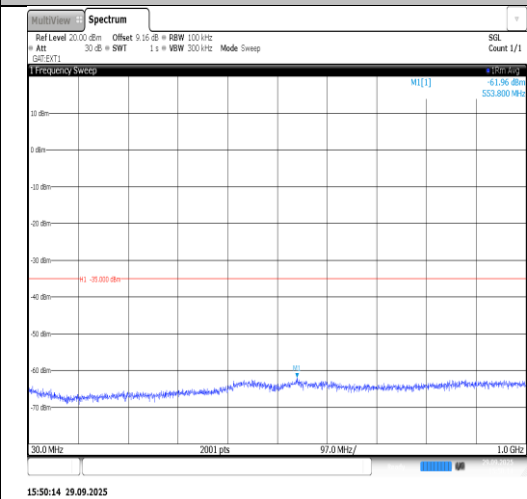
Band38-15MHz-QPSK-38000-1RB#0-
20000~26500-PASS



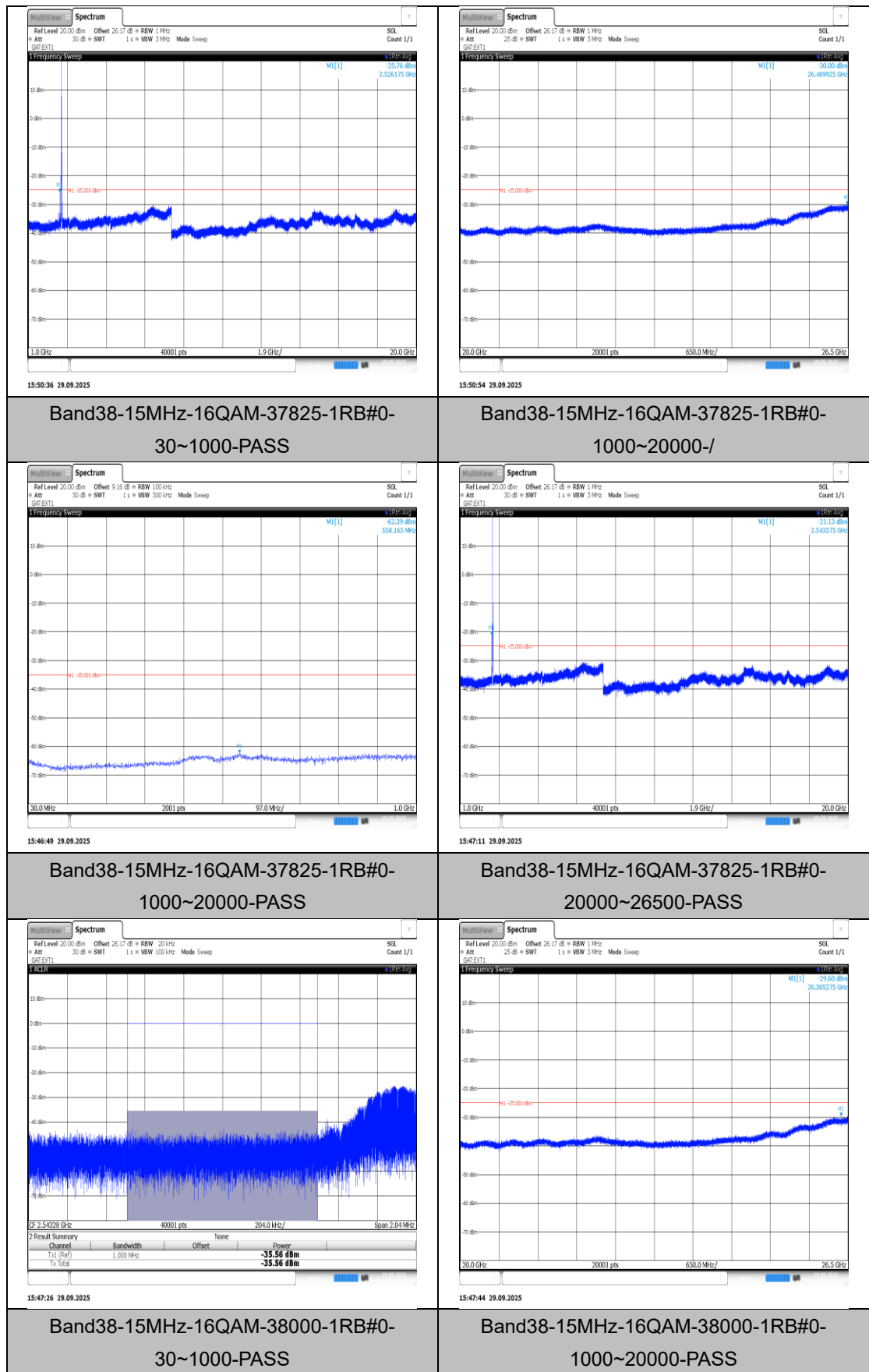
Band38-15MHz-QPSK-38175-1RB#0-
30~1000-PASS

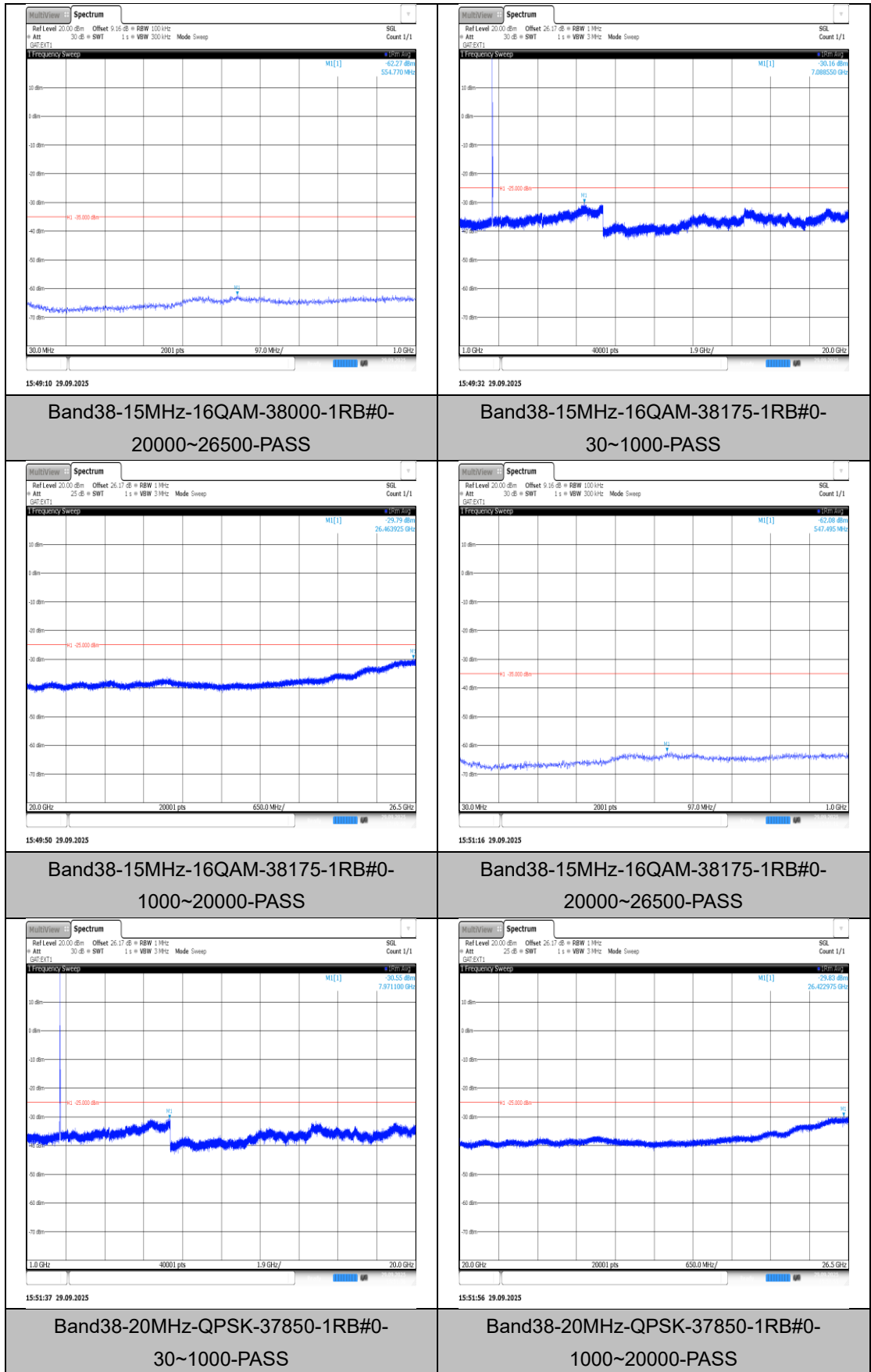


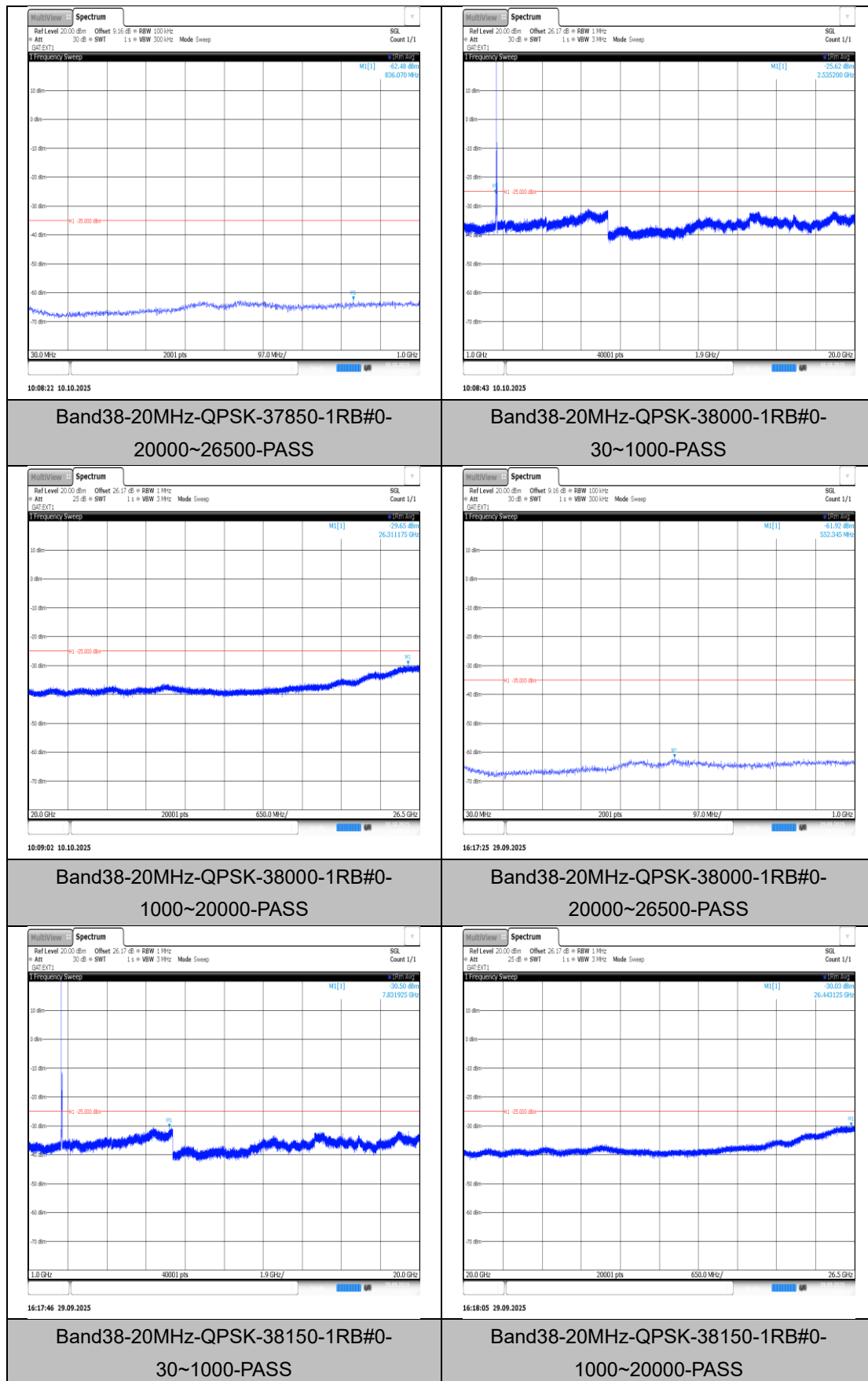
Band38-15MHz-QPSK-38175-1RB#0-
1000~20000-PASS

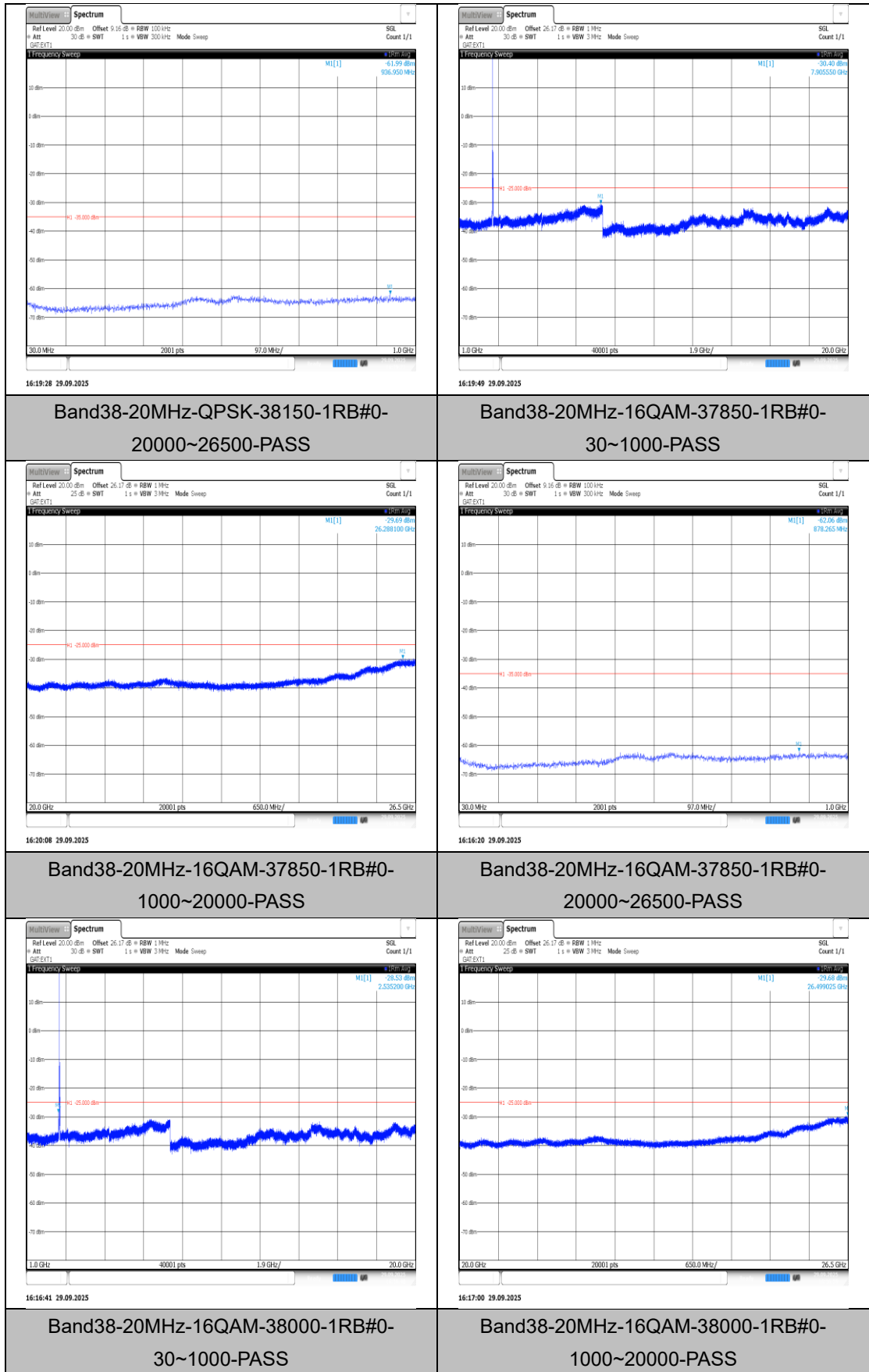


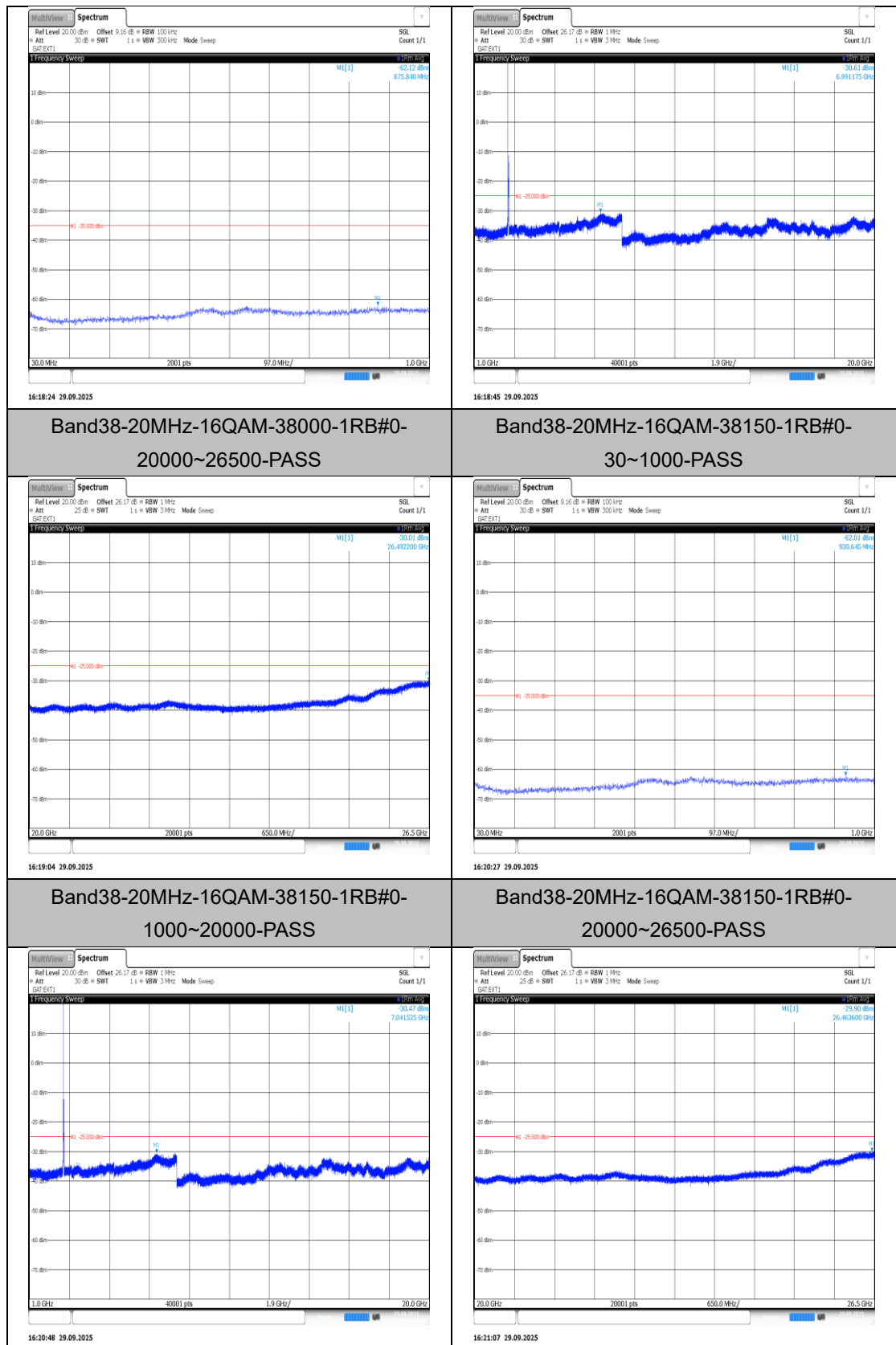
Band38-15MHz-QPSK-38175-1RB#0-
20000~26500-PASS











Appendix E: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-38.70	-0.014913	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-31.77	-0.012243	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-20.67	-0.007965	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-15.92	-0.006135	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-16.95	-0.006532	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-16.22	-0.006250	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-6.88	-0.002651	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-8.14	-0.003137	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-14.63	-0.005638	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-13.43	-0.005175	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-11.10	-0.004277	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-5.31	-0.002046	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-17.94	-0.006913	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-19.91	-0.007672	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	-20.57	-0.007927	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-14.98	-0.005773	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-20.81	-0.008019	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-19.28	-0.007430	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-17.72	-0.006829	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-18.42	-0.007098	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	-17.88	-0.006890	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-15.15	-0.005838	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-13.62	-0.005249	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-12.80	-0.004933	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-10.26	-0.003954	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-14.85	-0.005723	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-8.73	-0.003364	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	-11.13	-0.004289	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	-7.45	-0.002871	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-11.66	-0.004493	±2.5	PASS

Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-8.65	-0.003333	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-8.58	-0.003306	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	-3.40	-0.001310	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-11.50	-0.004432	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	-7.35	-0.002832	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-6.91	-0.002663	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	6.42	0.002474	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	-12.23	-0.004713	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	-6.62	-0.002551	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	9.28	0.003576	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-5.91	-0.002277	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-7.81	-0.003010	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-14.31	-0.005514	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-12.45	-0.004798	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-12.69	-0.004890	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-15.64	-0.006027	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-10.54	-0.004062	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	3.18	0.001225	±2.5	PASS