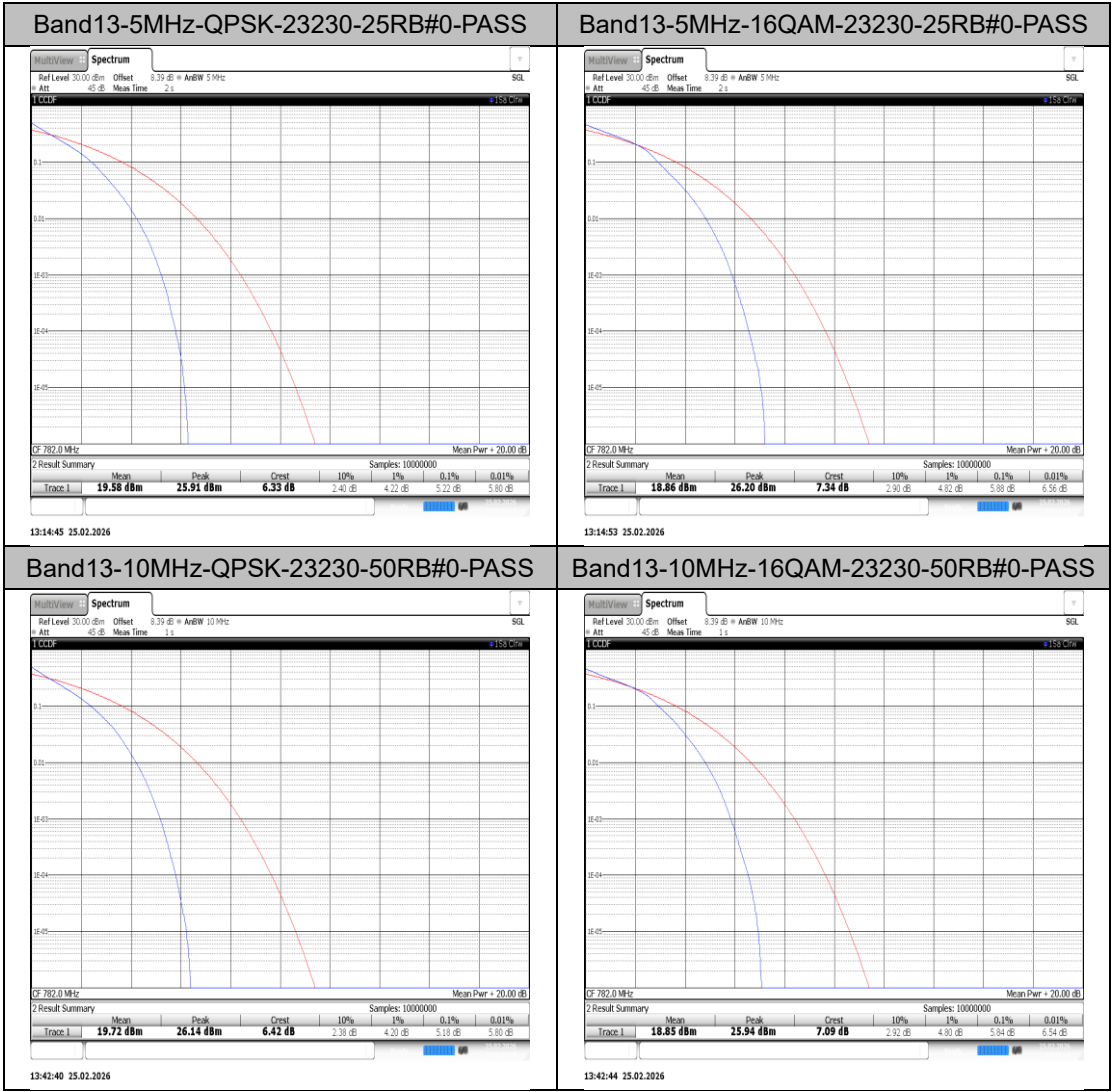


Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.22	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.88	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.18	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.84	13	PASS

Test Graphs

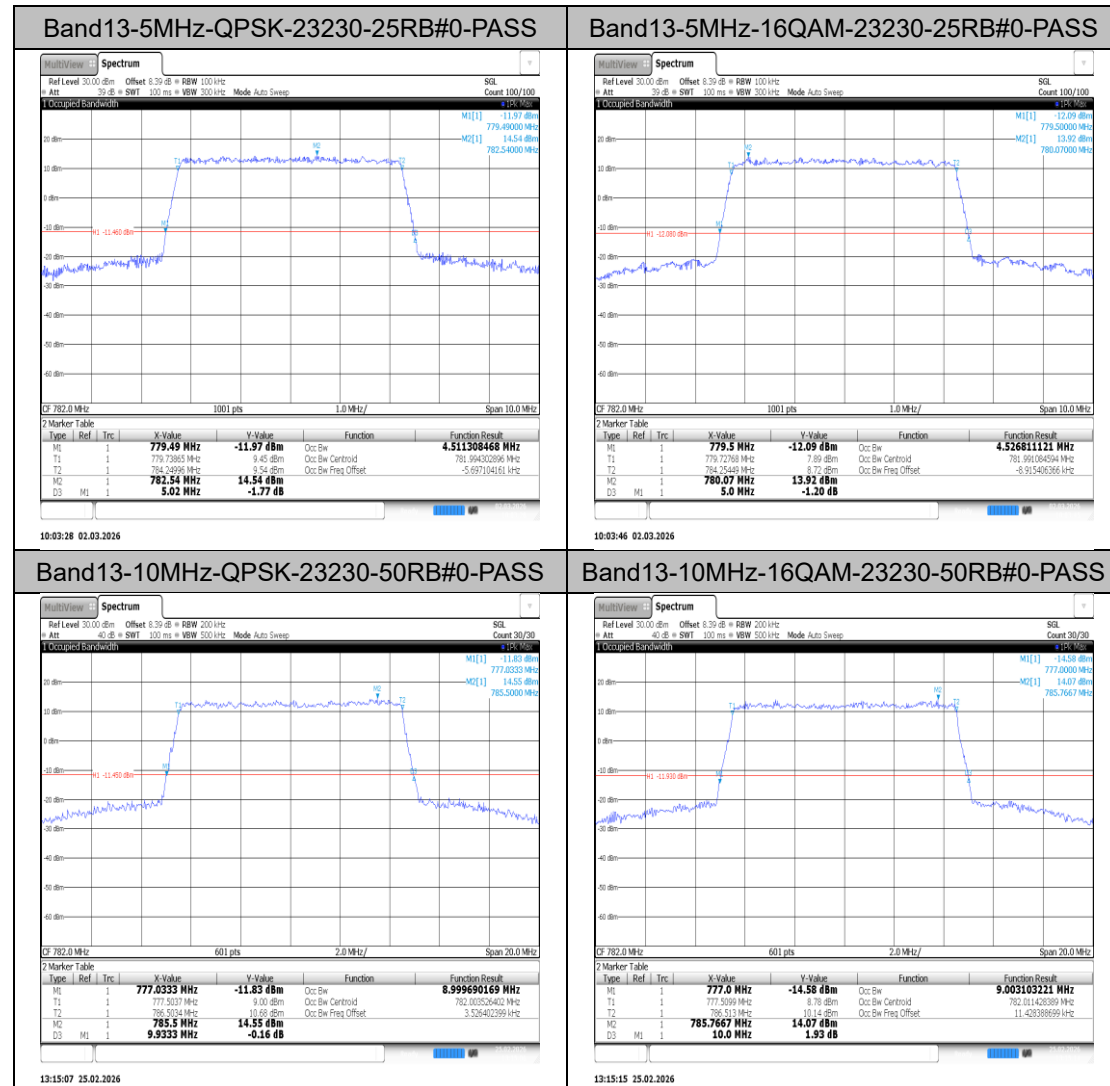


Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.511	5.02	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.527	5.00	PASS
Band13	10MHz	QPSK	23230	50RB#0	9	9.93	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.003	10.00	PASS

Test Graphs

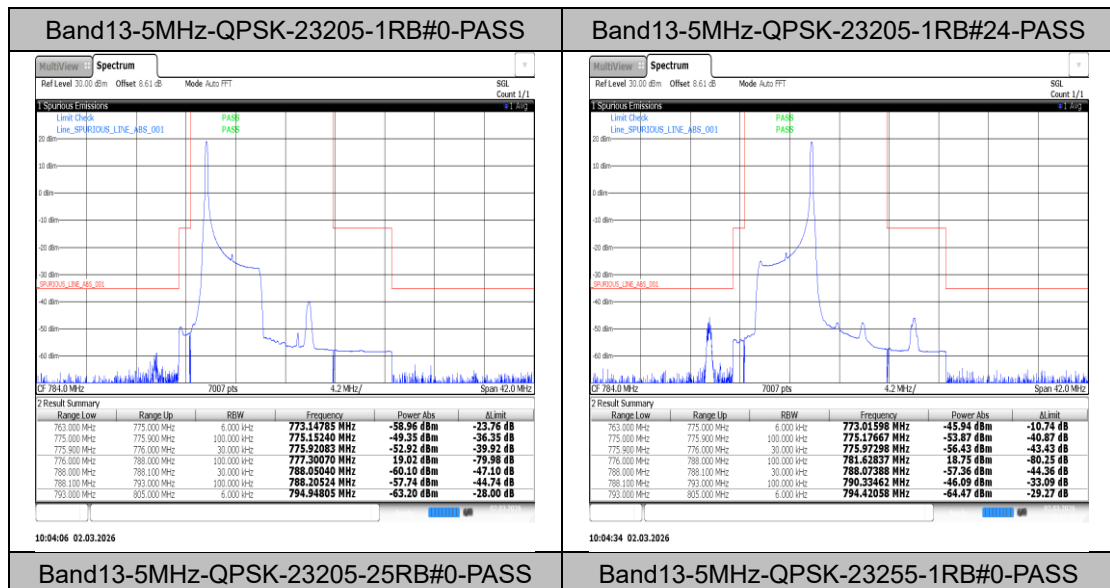


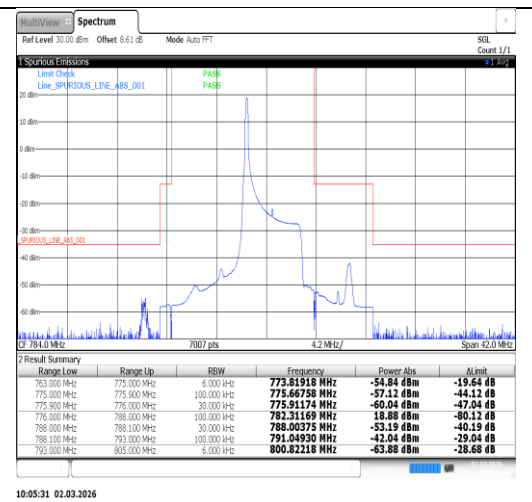
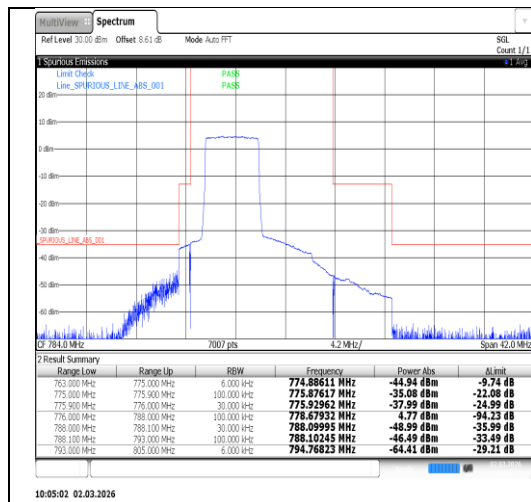
Appendix C: Band Edge

Test Result

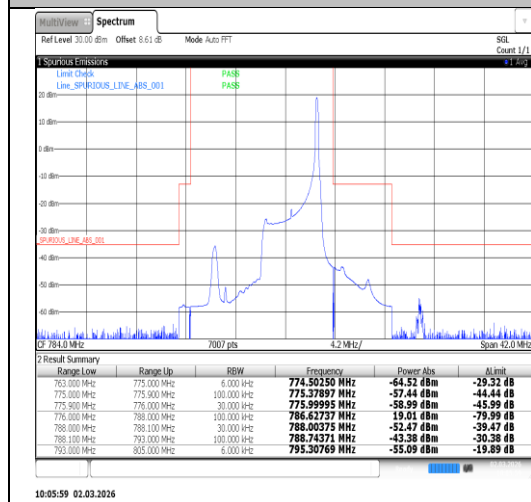
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-58.96	PASS
Band13	5MHz	QPSK	23205	1RB#24	-45.94	PASS
Band13	5MHz	QPSK	23205	25RB#0	-44.94	PASS
Band13	5MHz	QPSK	23255	1RB#0	-54.84	PASS
Band13	5MHz	QPSK	23255	1RB#24	-55.09	PASS
Band13	5MHz	QPSK	23255	25RB#0	-31.46	PASS
Band13	5MHz	16QAM	23205	1RB#0	-62.12	PASS
Band13	5MHz	16QAM	23205	1RB#24	-47.86	PASS
Band13	5MHz	16QAM	23205	25RB#0	-47.24	PASS
Band13	5MHz	16QAM	23255	1RB#0	-52.90	PASS
Band13	5MHz	16QAM	23255	1RB#24	-59.31	PASS
Band13	5MHz	16QAM	23255	25RB#0	-55.32	PASS
Band13	10MHz	QPSK	23230	1RB#0	-56.83	PASS
Band13	10MHz	QPSK	23230	1RB#49	-58.79	PASS
Band13	10MHz	QPSK	23230	50RB#0	-44.50	PASS
Band13	10MHz	16QAM	23230	1RB#0	-54.61	PASS
Band13	10MHz	16QAM	23230	1RB#49	-56.65	PASS
Band13	10MHz	16QAM	23230	50RB#0	-44.20	PASS

Test Graphs

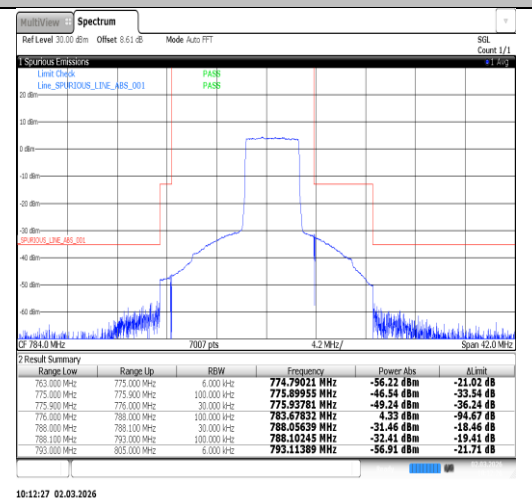




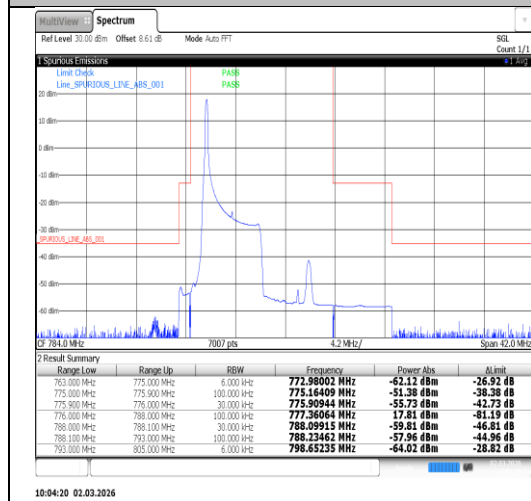
Band13-5MHz-QPSK-23255-1RB#24-PASS



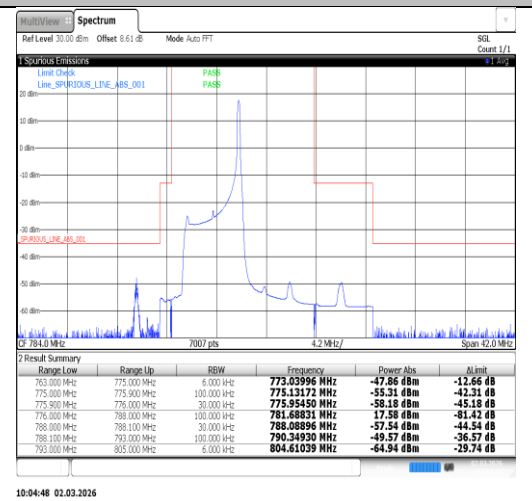
Band13-5MHz-QPSK-23255-25RB#0-PASS



Band13-5MHz-16QAM-23205-1RB#0-PASS

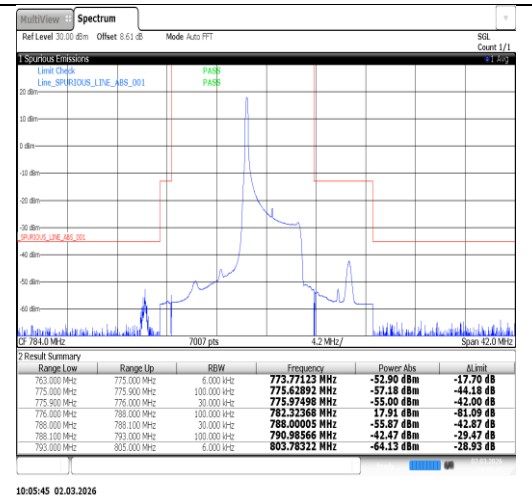
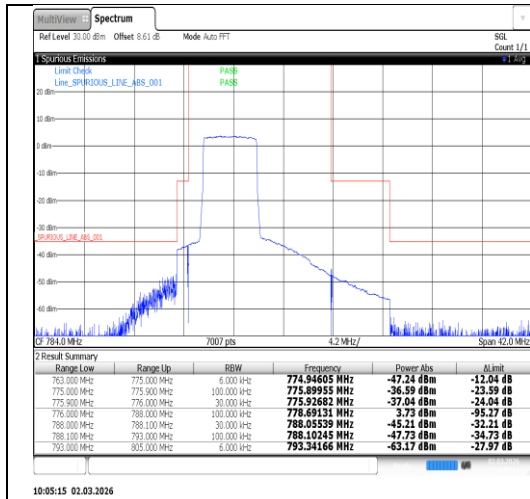


Band13-5MHz-16QAM-23205-1RB#24-PASS

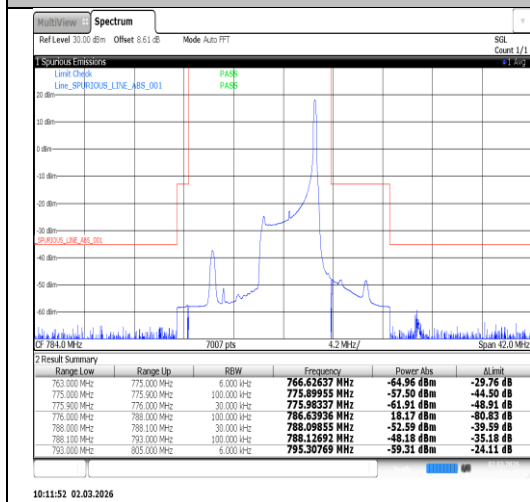


Band13-5MHz-16QAM-23205-25RB#0-PASS

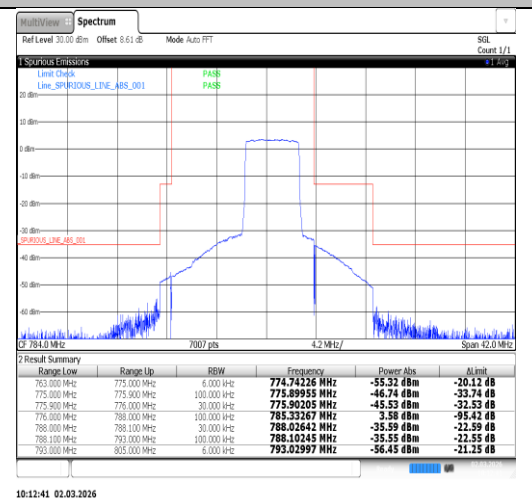
Band13-5MHz-16QAM-23255-1RB#0-PASS



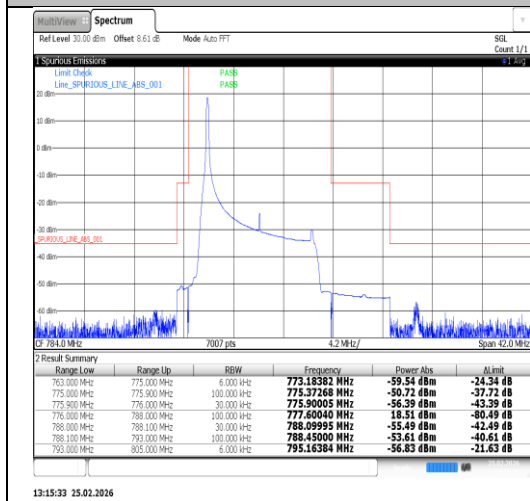
Band13-5MHz-16QAM-23255-1RB#24-PASS



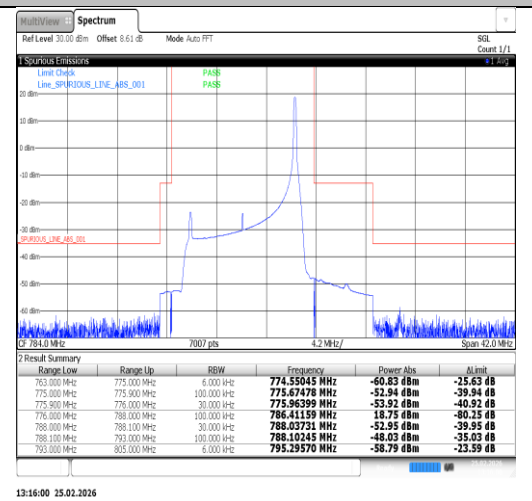
Band13-5MHz-16QAM-23255-25RB#0-PASS



Band13-10MHz-QPSK-23230-1RB#0-PASS

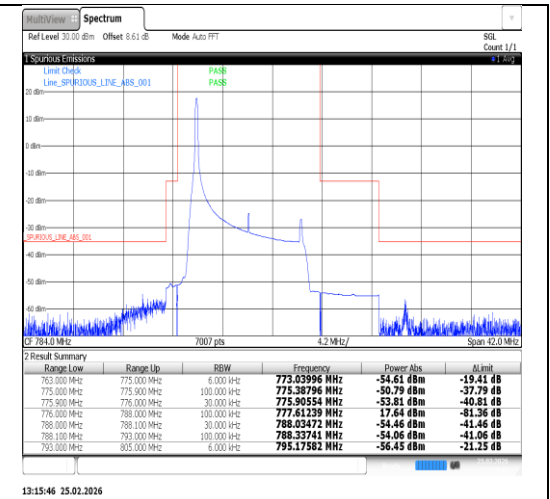
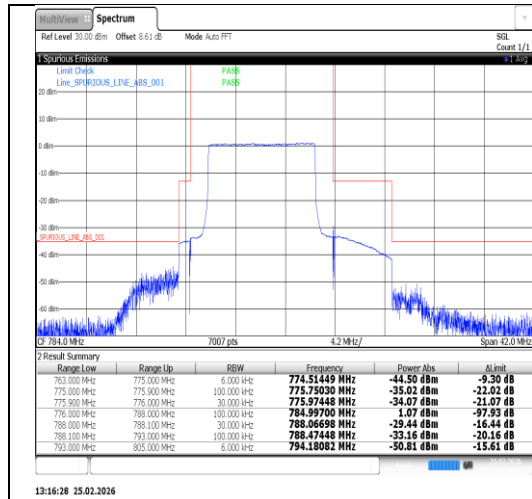


Band13-10MHz-QPSK-23230-1RB#49-PASS

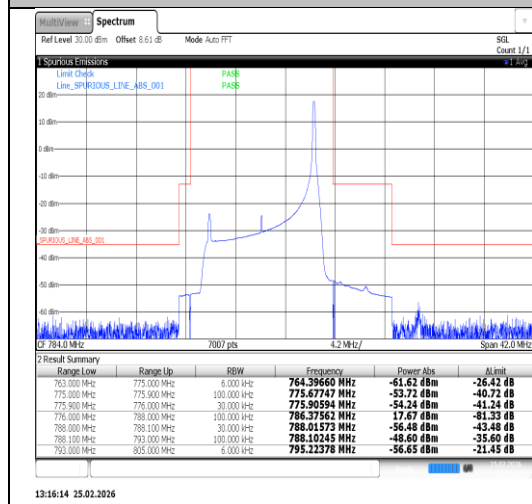


Band13-10MHz-QPSK-23230-50RB#0-PASS

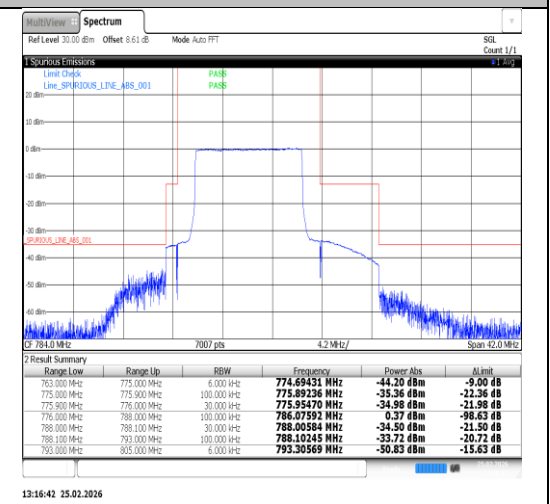
Band13-10MHz-16QAM-23230-1RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#49-PASS



Band13-10MHz-16QAM-23230-50RB#0-PASS



Appendix D: Conducted Spurious Emission

Test Result

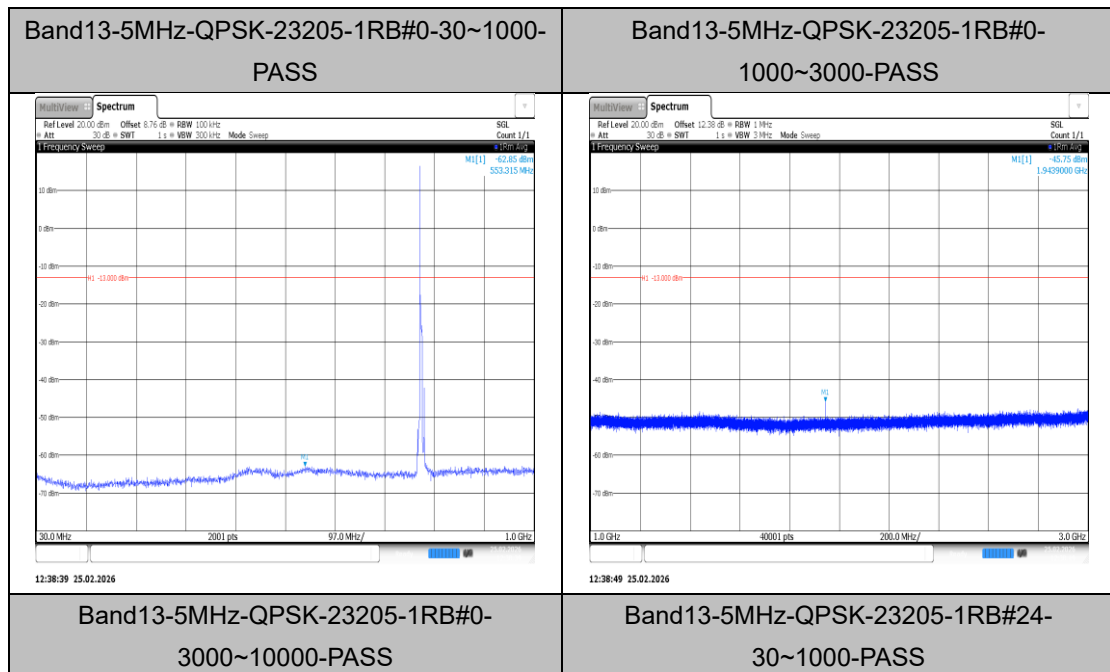
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	- 62.85	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	- 45.75	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	- 37.70	PASS
Band13	5MHz	QPSK	23205	1RB#24	30~1000	- 62.78	PASS
Band13	5MHz	QPSK	23205	1RB#24	1000~3000	- 47.66	PASS
Band13	5MHz	QPSK	23205	1RB#24	3000~10000	- 37.75	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	- 62.81	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	- 47.28	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	- 37.45	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	- 62.59	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	- 47.96	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	- 37.67	PASS
Band13	5MHz	QPSK	23230	1RB#24	30~1000	- 62.82	PASS
Band13	5MHz	QPSK	23230	1RB#24	1000~3000	- 47.66	PASS
Band13	5MHz	QPSK	23230	1RB#24	3000~10000	- 37.46	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	- 62.64	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	- 47.67	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	- 37.22	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-	PASS

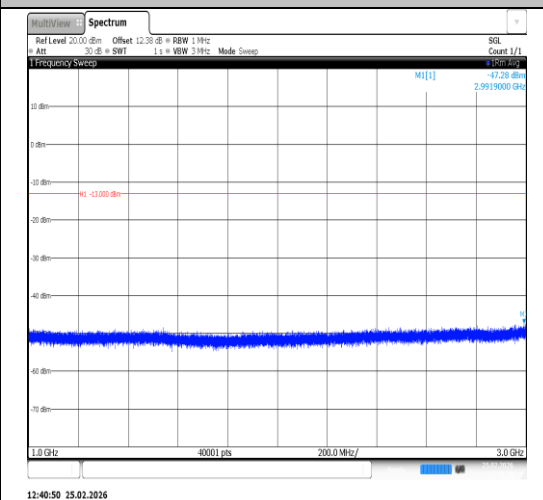
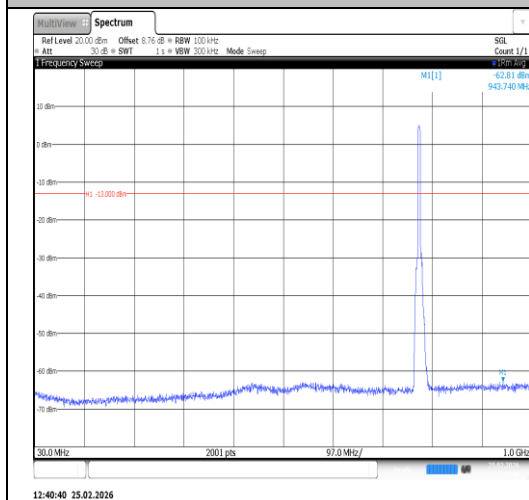
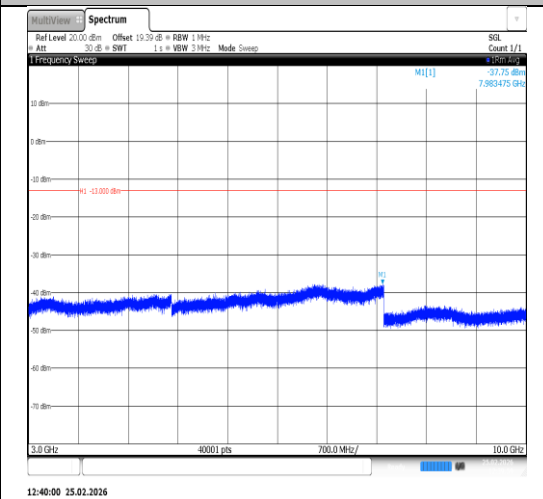
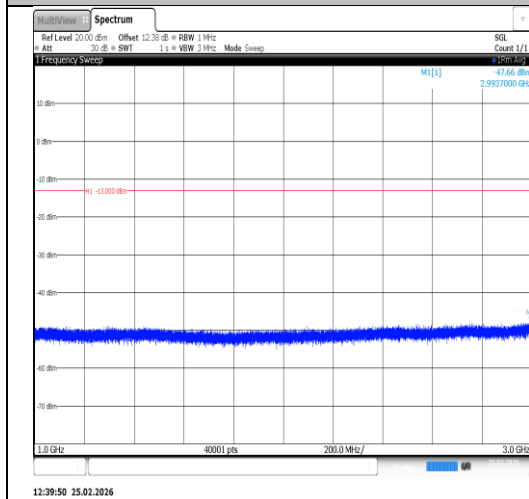
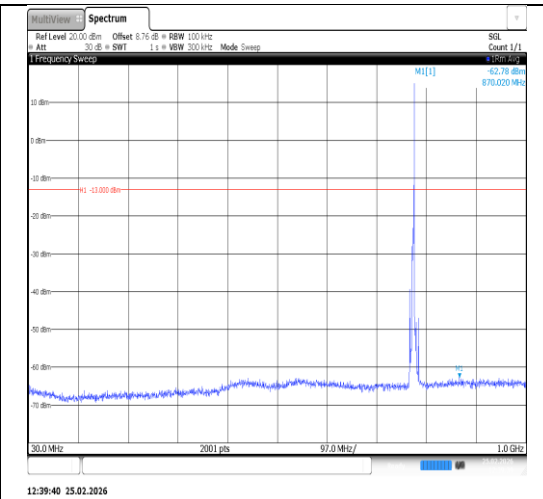
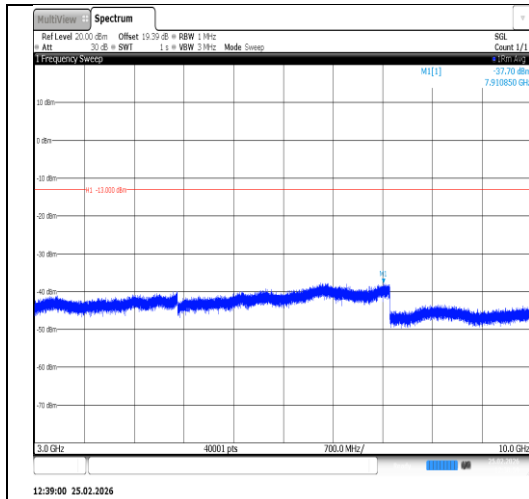
						62.48	
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	- 47.67	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	- 37.67	PASS
Band13	5MHz	QPSK	23255	1RB#24	30~1000	- 62.58	PASS
Band13	5MHz	QPSK	23255	1RB#24	1000~3000	- 47.43	PASS
Band13	5MHz	QPSK	23255	1RB#24	3000~10000	- 37.52	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	- 62.91	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	- 47.44	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	- 37.38	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	- 62.54	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	- 47.87	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	- 37.68	PASS
Band13	5MHz	16QAM	23205	1RB#24	30~1000	- 62.68	PASS
Band13	5MHz	16QAM	23205	1RB#24	1000~3000	- 47.48	PASS
Band13	5MHz	16QAM	23205	1RB#24	3000~10000	- 37.66	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	- 62.68	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	- 47.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	- 37.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	- 62.70	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	- 47.80	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	- 37.49	PASS
Band13	5MHz	16QAM	23230	1RB#24	30~1000	- 62.57	PASS

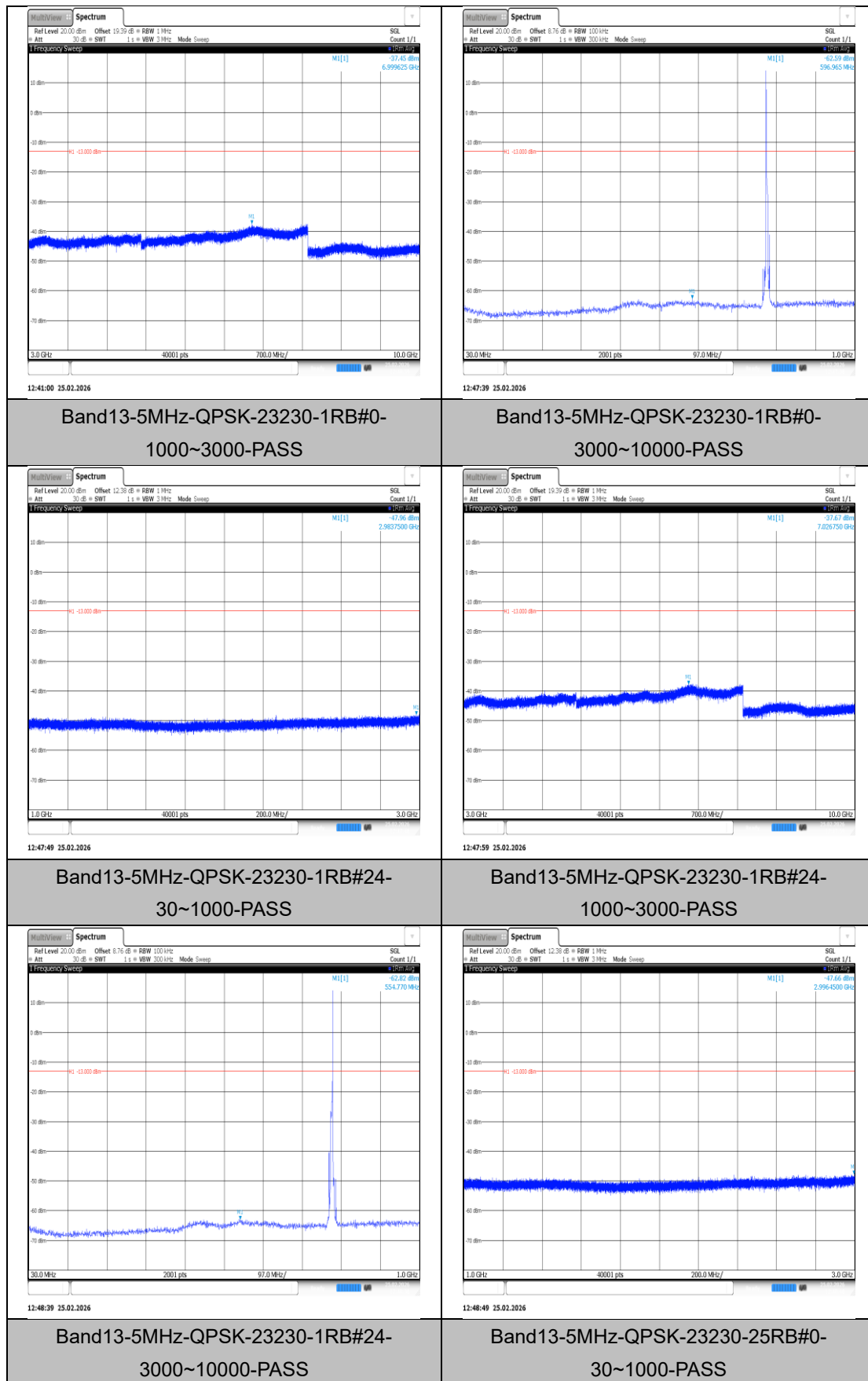
Band13	5MHz	16QAM	23230	1RB#24	1000~3000	- 47.78	PASS
Band13	5MHz	16QAM	23230	1RB#24	3000~10000	- 37.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	- 63.13	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	- 46.95	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	- 37.64	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	- 62.86	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	- 47.88	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	- 37.64	PASS
Band13	5MHz	16QAM	23255	1RB#24	30~1000	- 62.55	PASS
Band13	5MHz	16QAM	23255	1RB#24	1000~3000	- 47.87	PASS
Band13	5MHz	16QAM	23255	1RB#24	3000~10000	- 37.53	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	- 62.83	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	- 47.81	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	- 37.42	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	- 62.83	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	- 47.81	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	- 37.62	PASS
Band13	10MHz	QPSK	23230	1RB#49	30~1000	- 62.88	PASS
Band13	10MHz	QPSK	23230	1RB#49	1000~3000	- 47.30	PASS
Band13	10MHz	QPSK	23230	1RB#49	3000~10000	- 37.26	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	- 62.72	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	- 47.59	PASS

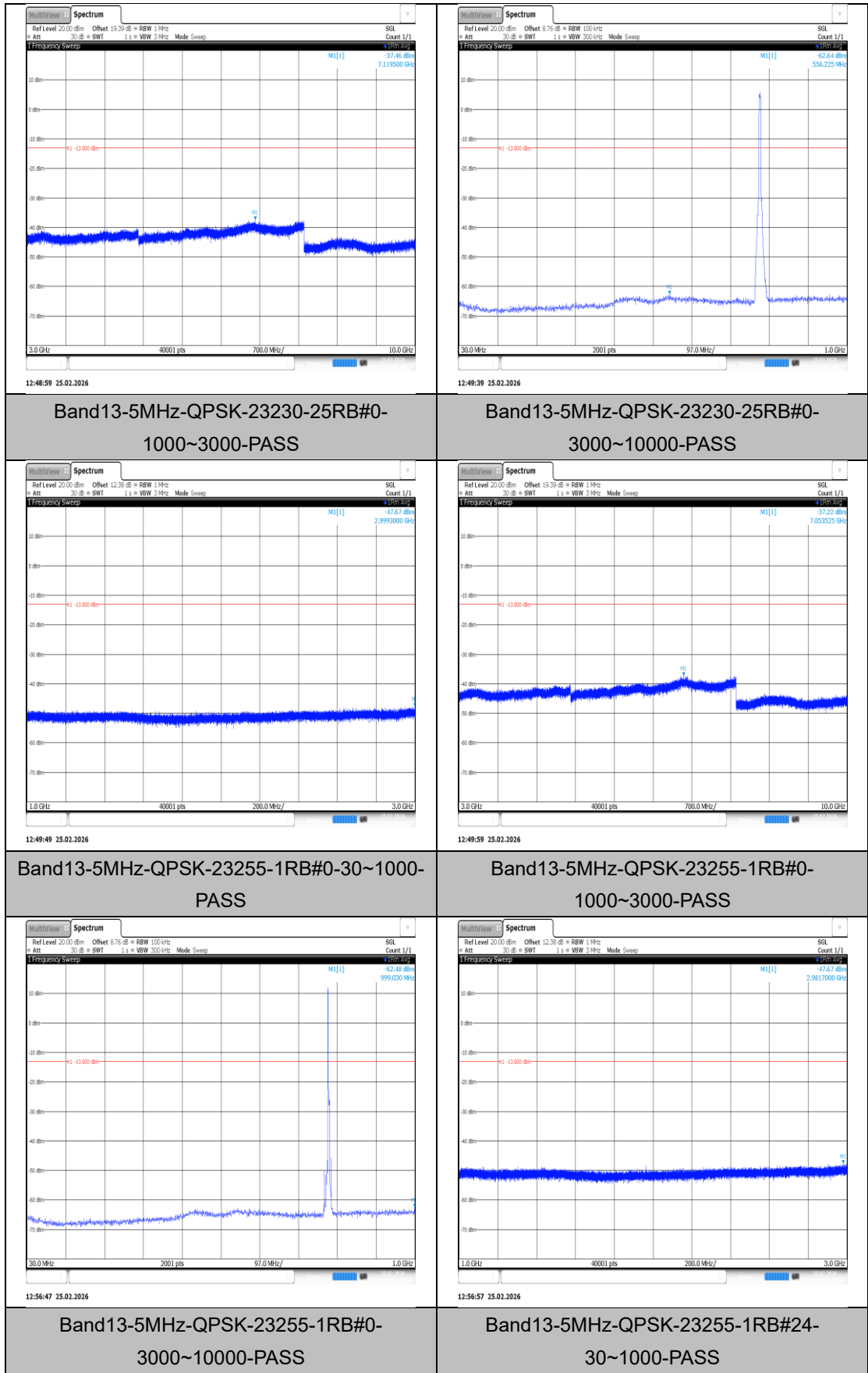
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	- 37.50	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	- 62.42	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	- 47.54	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	- 37.76	PASS
Band13	10MHz	16QAM	23230	1RB#49	30~1000	- 62.69	PASS
Band13	10MHz	16QAM	23230	1RB#49	1000~3000	- 47.53	PASS
Band13	10MHz	16QAM	23230	1RB#49	3000~10000	- 37.32	PASS
Band13	10MHz	16QAM	23230	50RB#0	30~1000	- 62.75	PASS
Band13	10MHz	16QAM	23230	50RB#0	1000~3000	- 48.00	PASS
Band13	10MHz	16QAM	23230	50RB#0	3000~10000	- 37.68	PASS

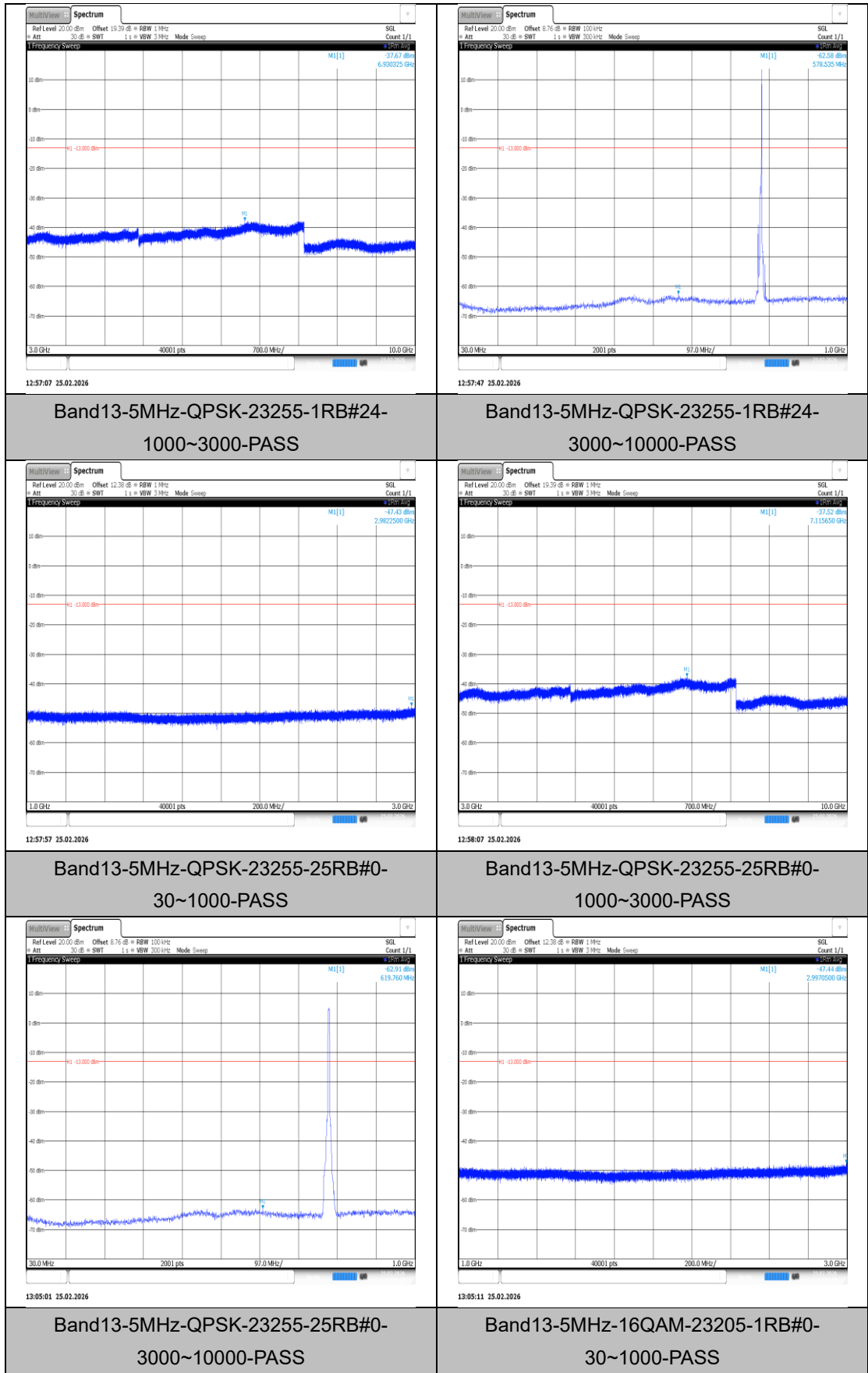
Test Graphs

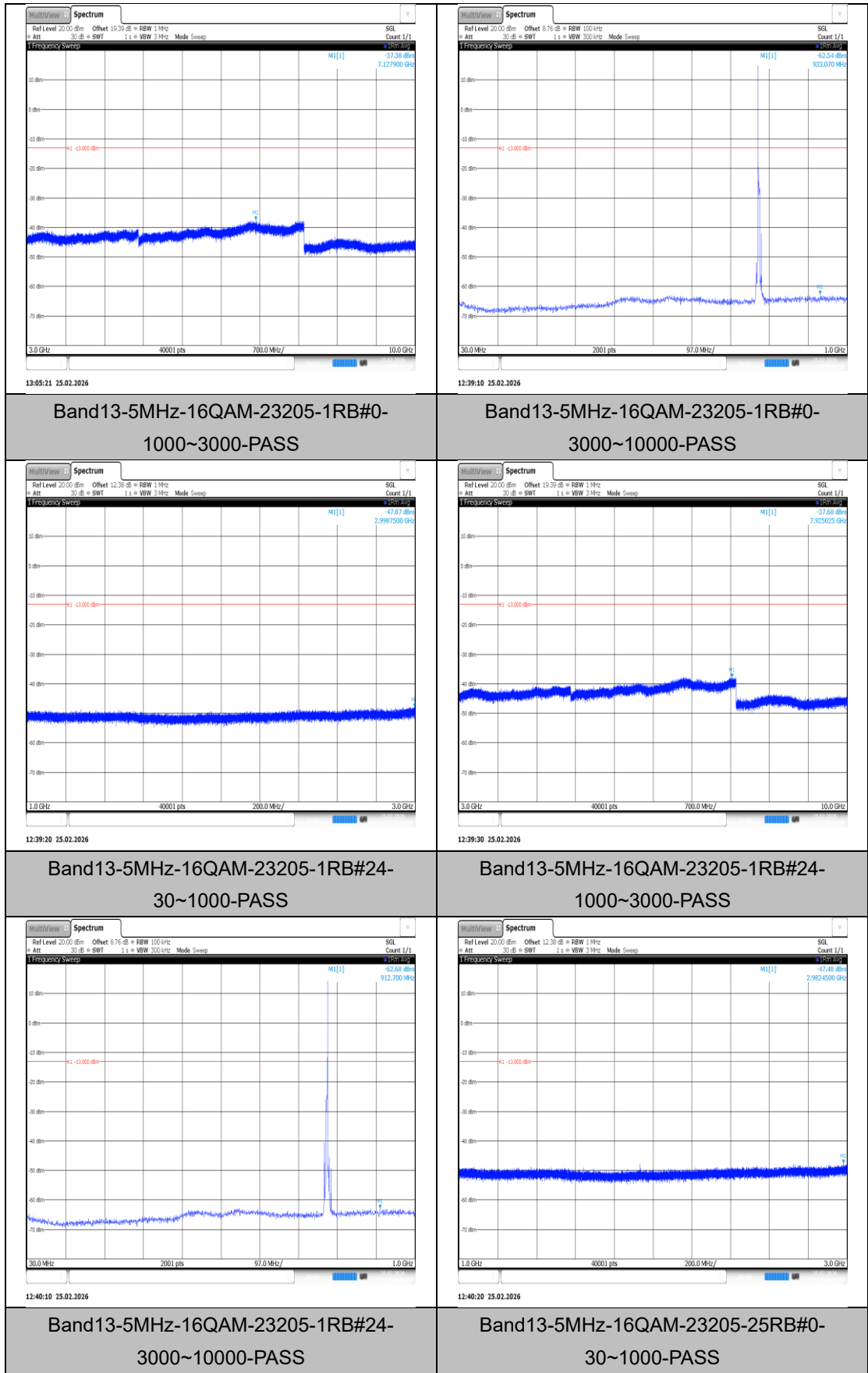


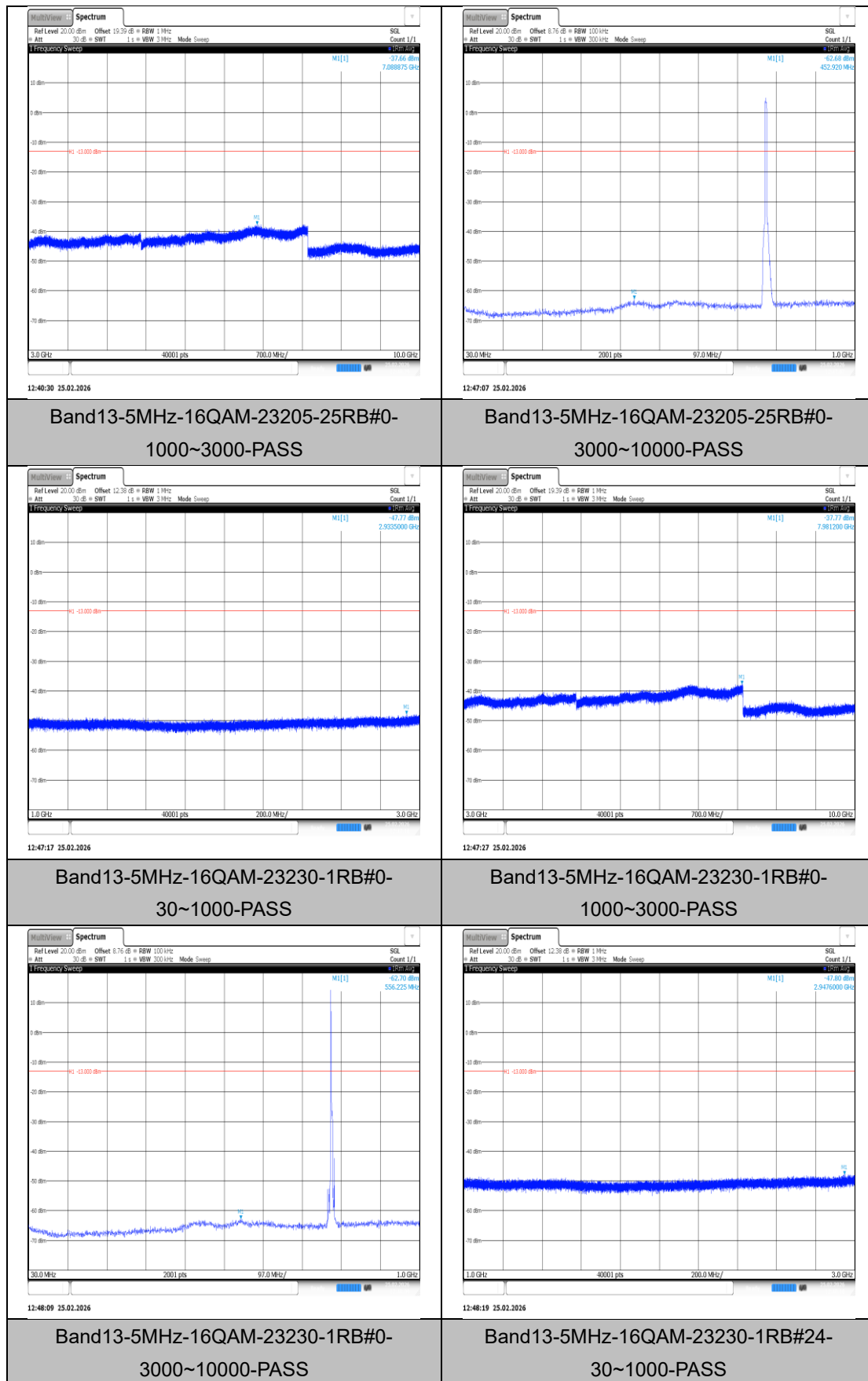


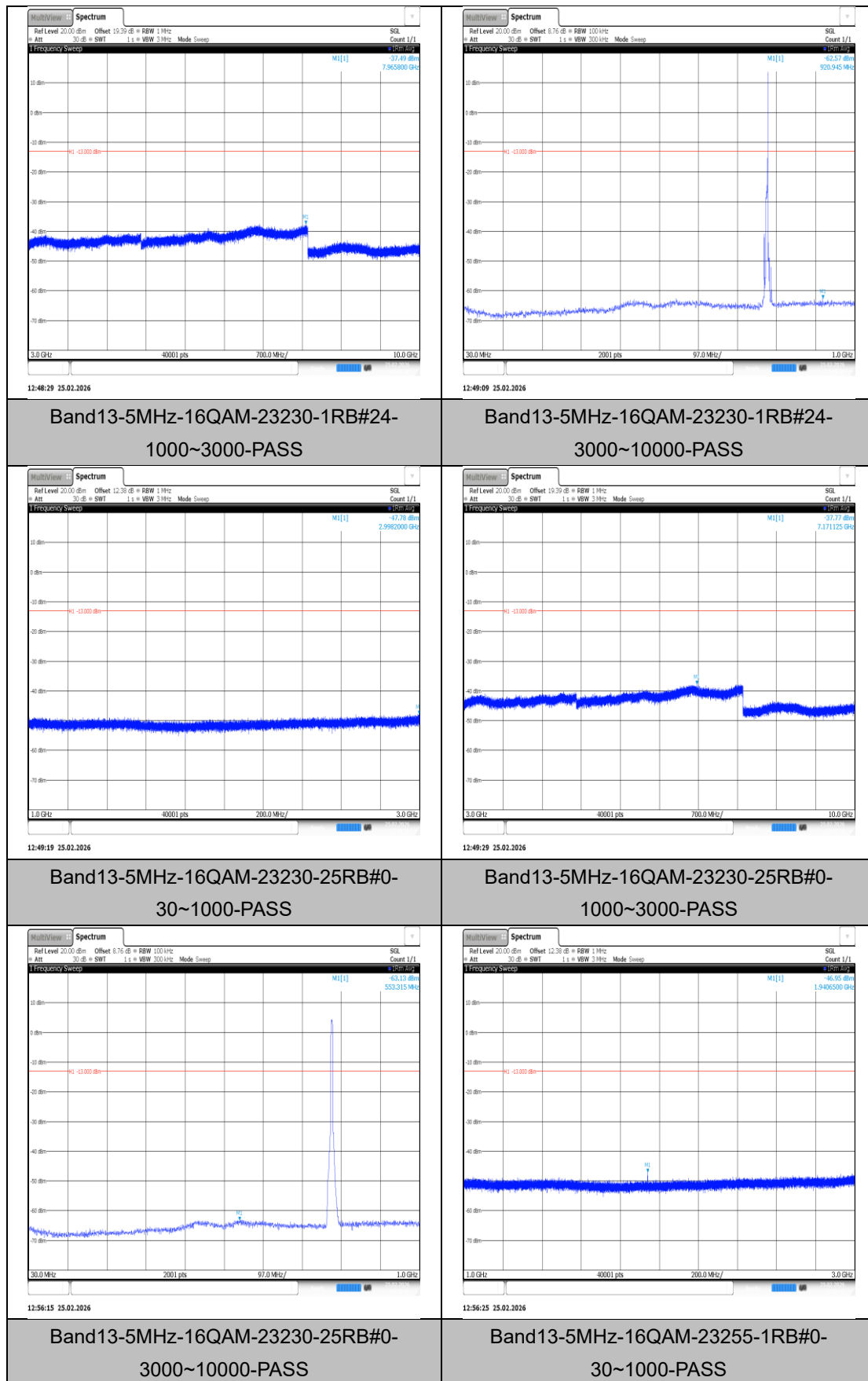


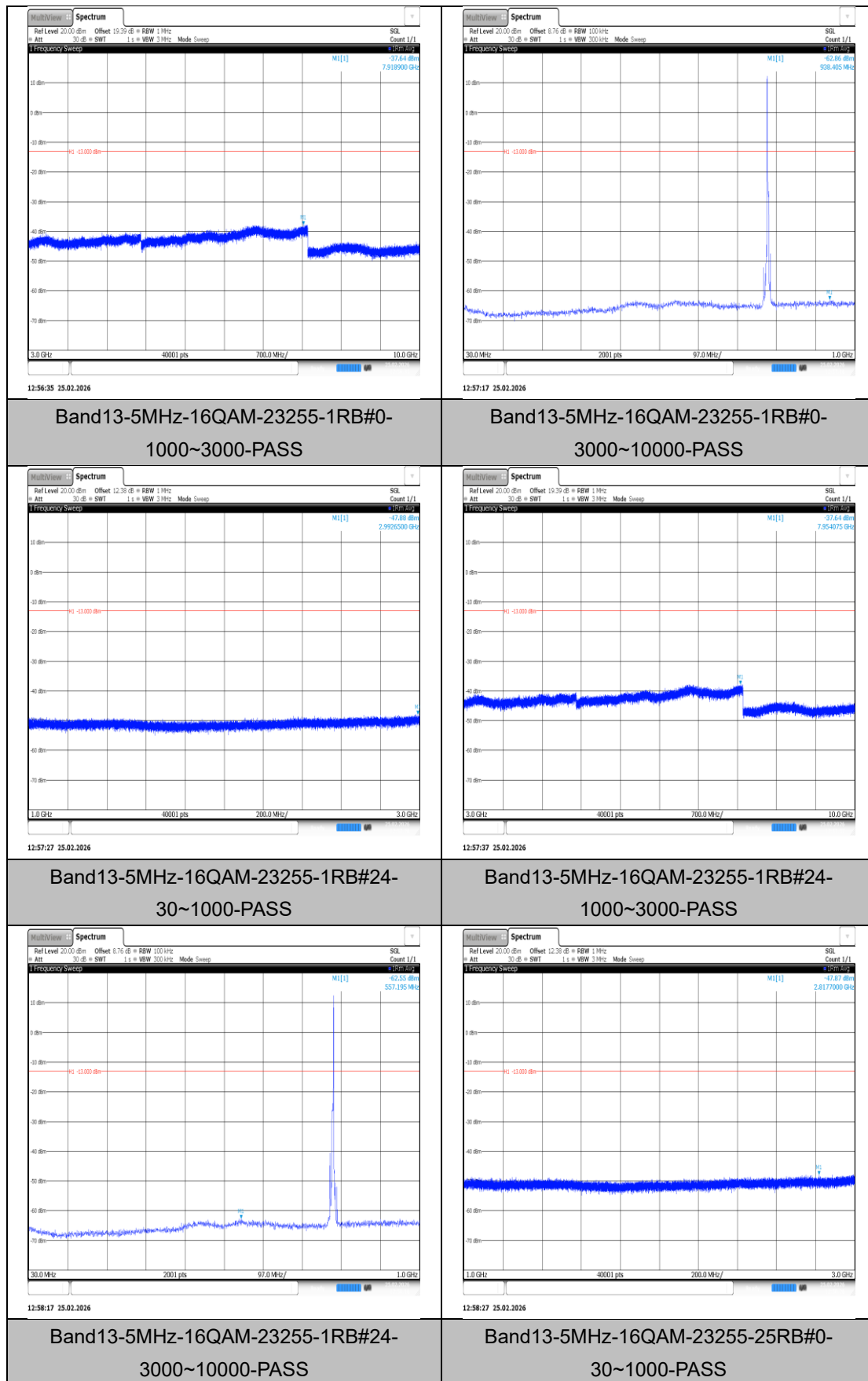


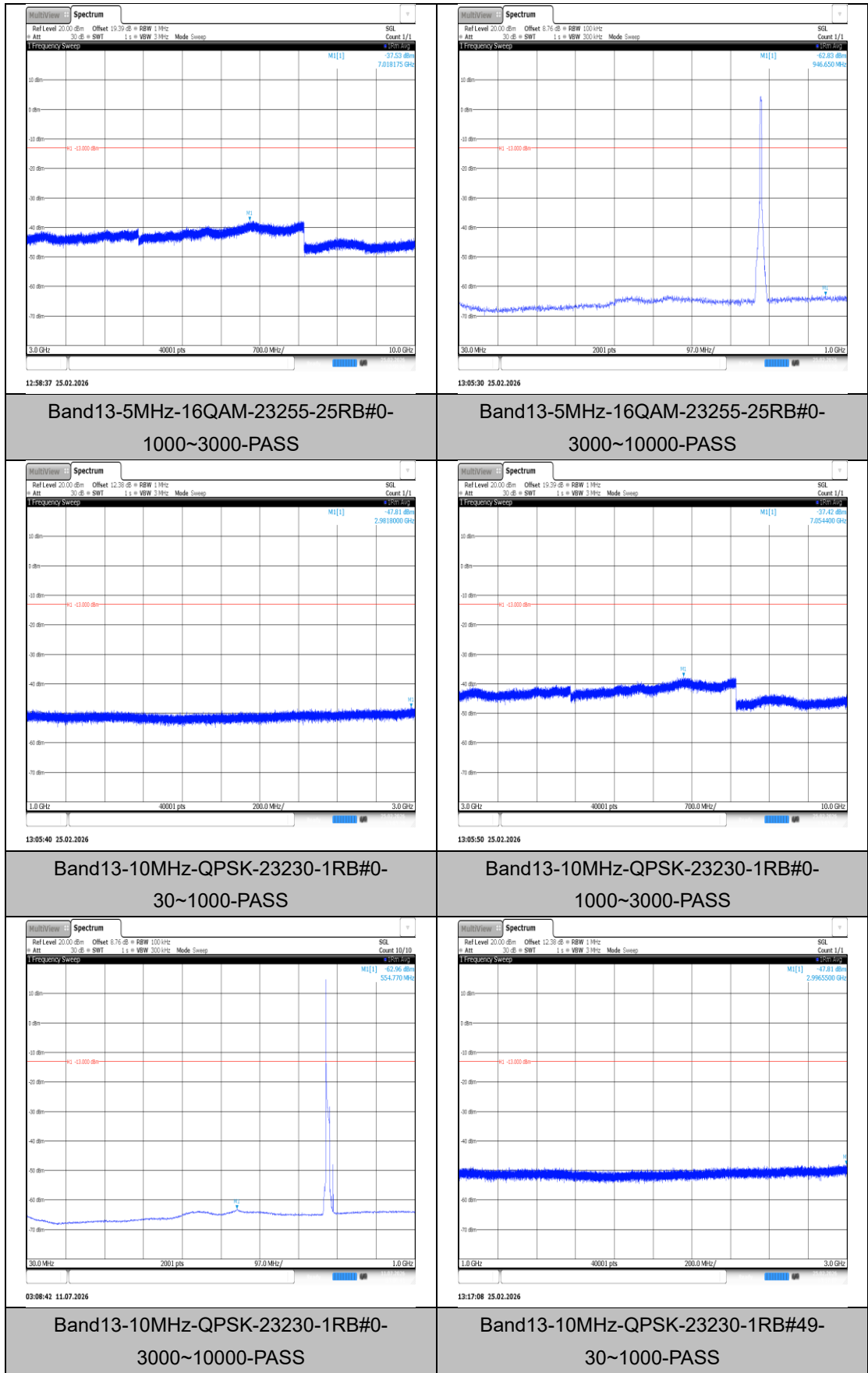


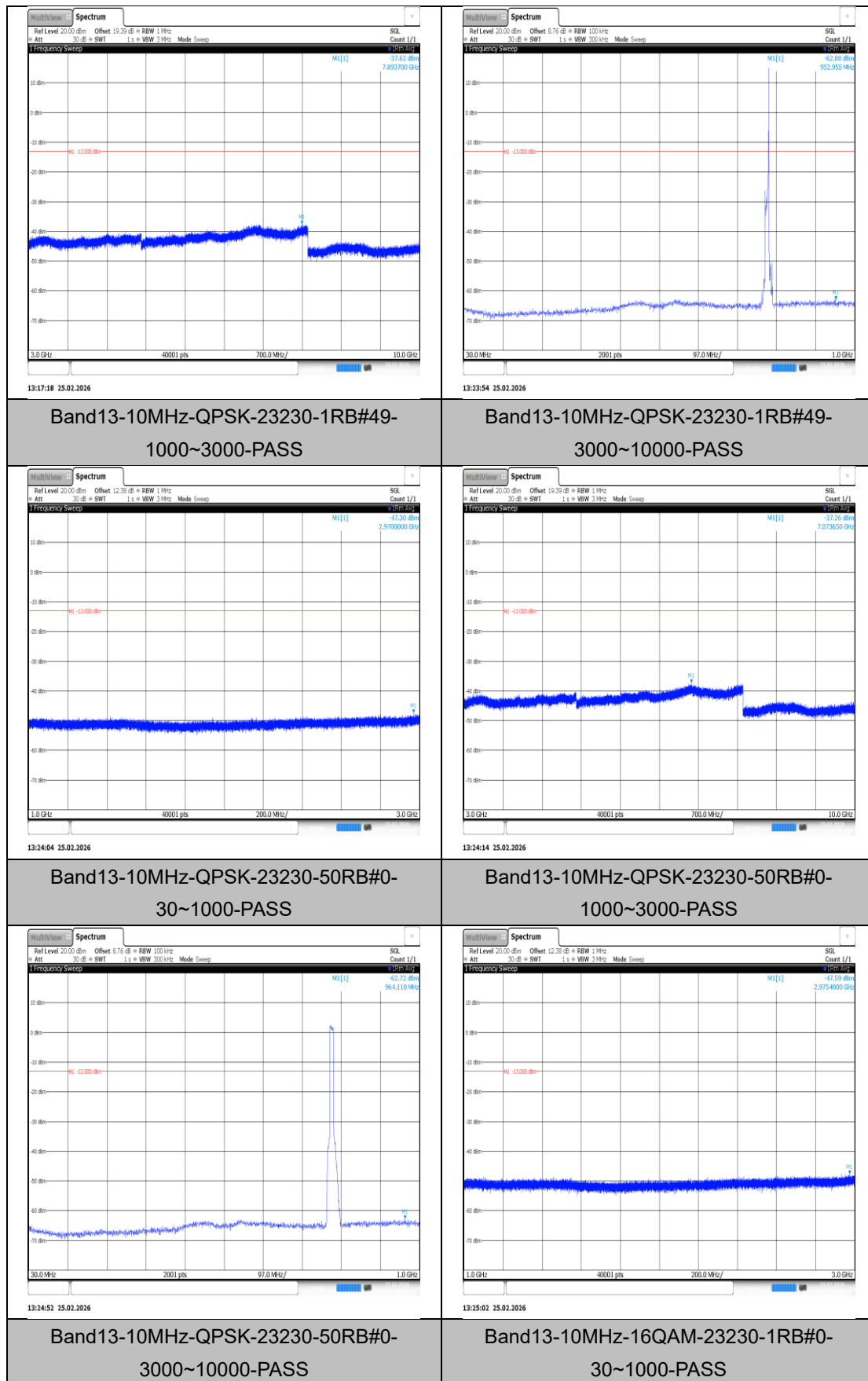


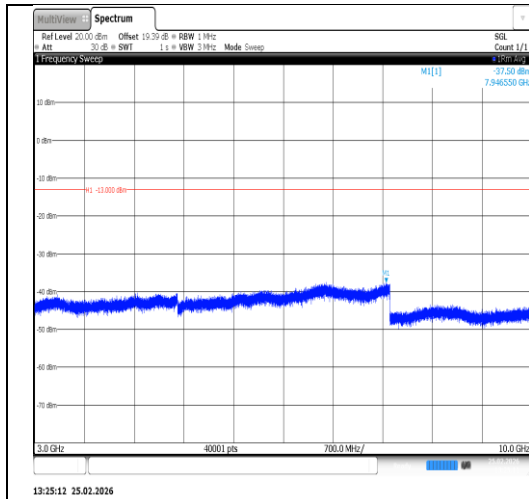




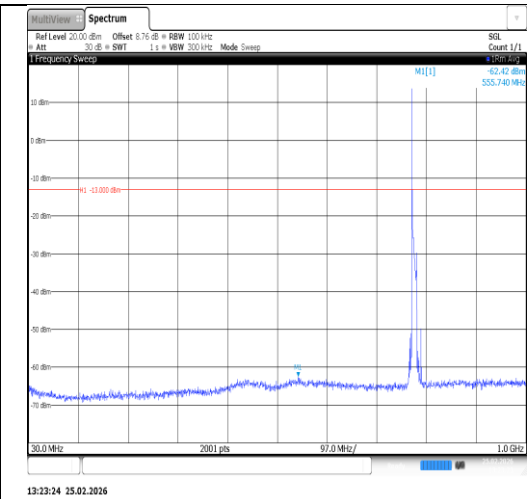




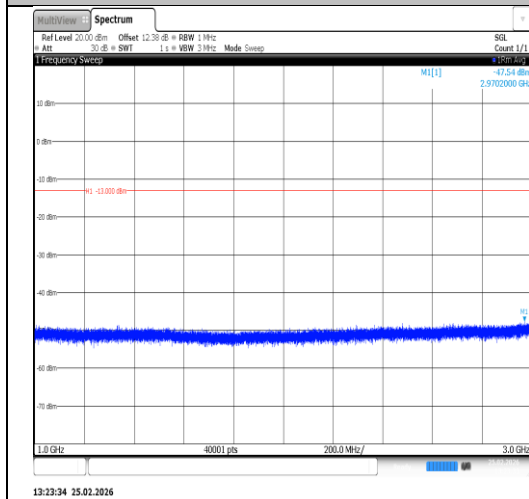




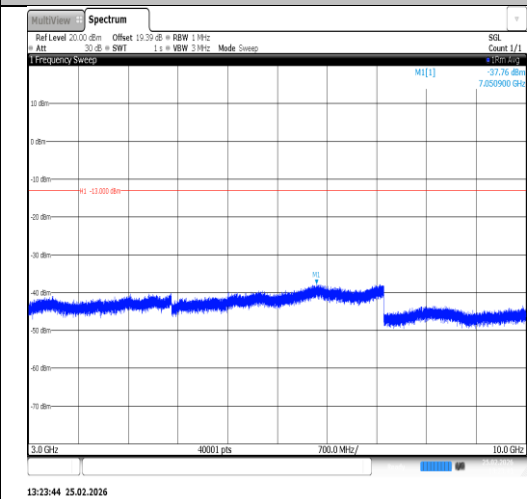
Band13-10MHz-16QAM-23230-1RB#0-
1000~3000-PASS



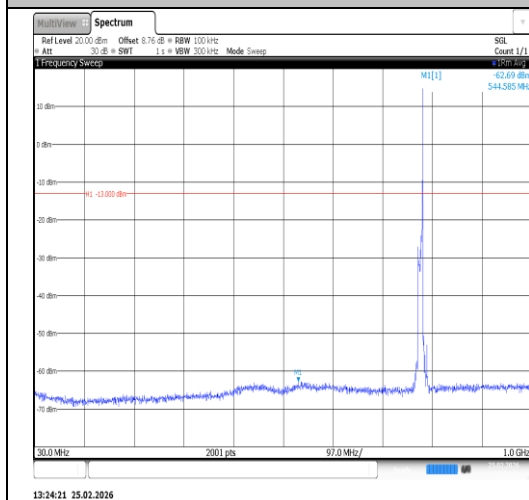
Band13-10MHz-16QAM-23230-1RB#0-
3000~10000-PASS



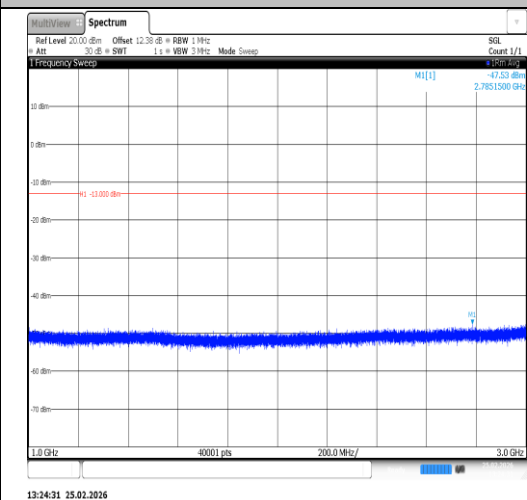
Band13-10MHz-16QAM-23230-1RB#49-
30~1000-PASS



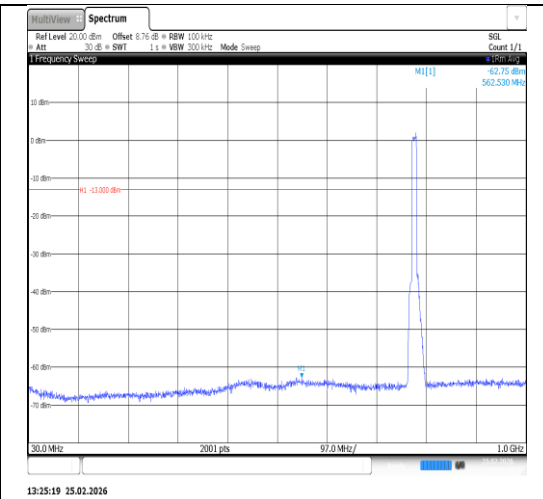
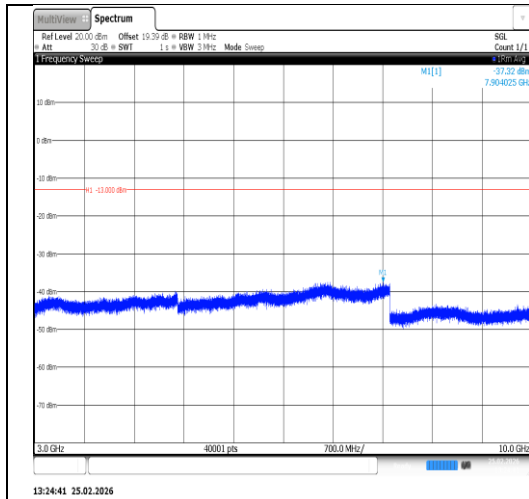
Band13-10MHz-16QAM-23230-1RB#49-
1000~3000-PASS



Band13-10MHz-16QAM-23230-1RB#49-
3000~10000-PASS

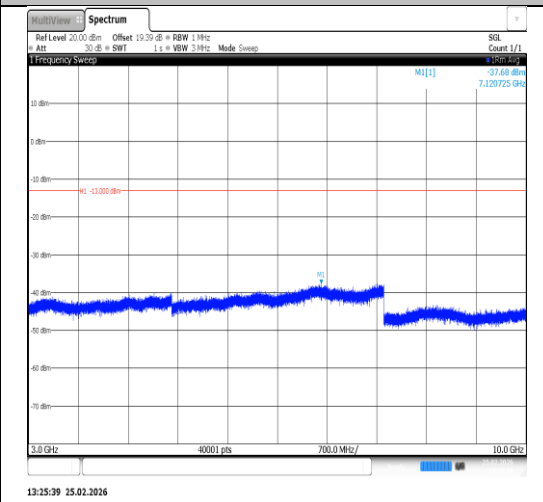
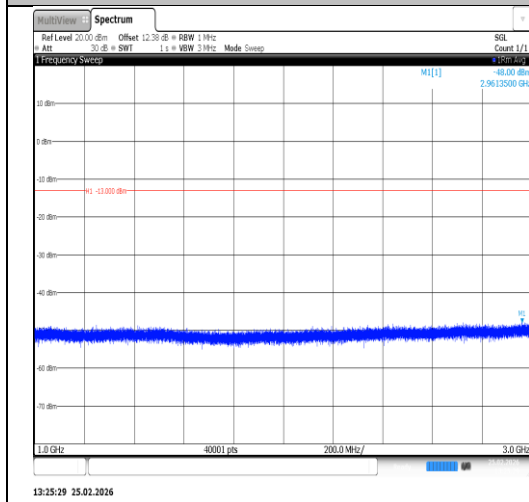


Band13-10MHz-16QAM-23230-50RB#0-
30~1000-PASS



Band13-10MHz-16QAM-23230-50RB#0-
1000~3000-PASS

Band13-10MHz-16QAM-23230-50RB#0-
3000~10000-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
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	47.86	0.061202	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	36.09	0.046151	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	17.94	0.022941	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	26.48	0.033862	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	45.80	0.058568	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	4.12	0.005269	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	37.24	0.047621	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	14.93	0.019092	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	30.38	0.038849	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	53.77	0.068760	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	45.93	0.058734	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	12.20	0.015601	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	13.62	0.017417	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	33.83	0.043261	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	47.04	0.060153	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-40.29	-0.051522	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	30.54	0.039054	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	29.34	0.037519	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	44.42	0.056803	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	31.60	0.040409	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	24.29	0.031061	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-27.27	-0.034872	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-43.36	-0.055448	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-54.87	-0.070166	±2.5	PASS