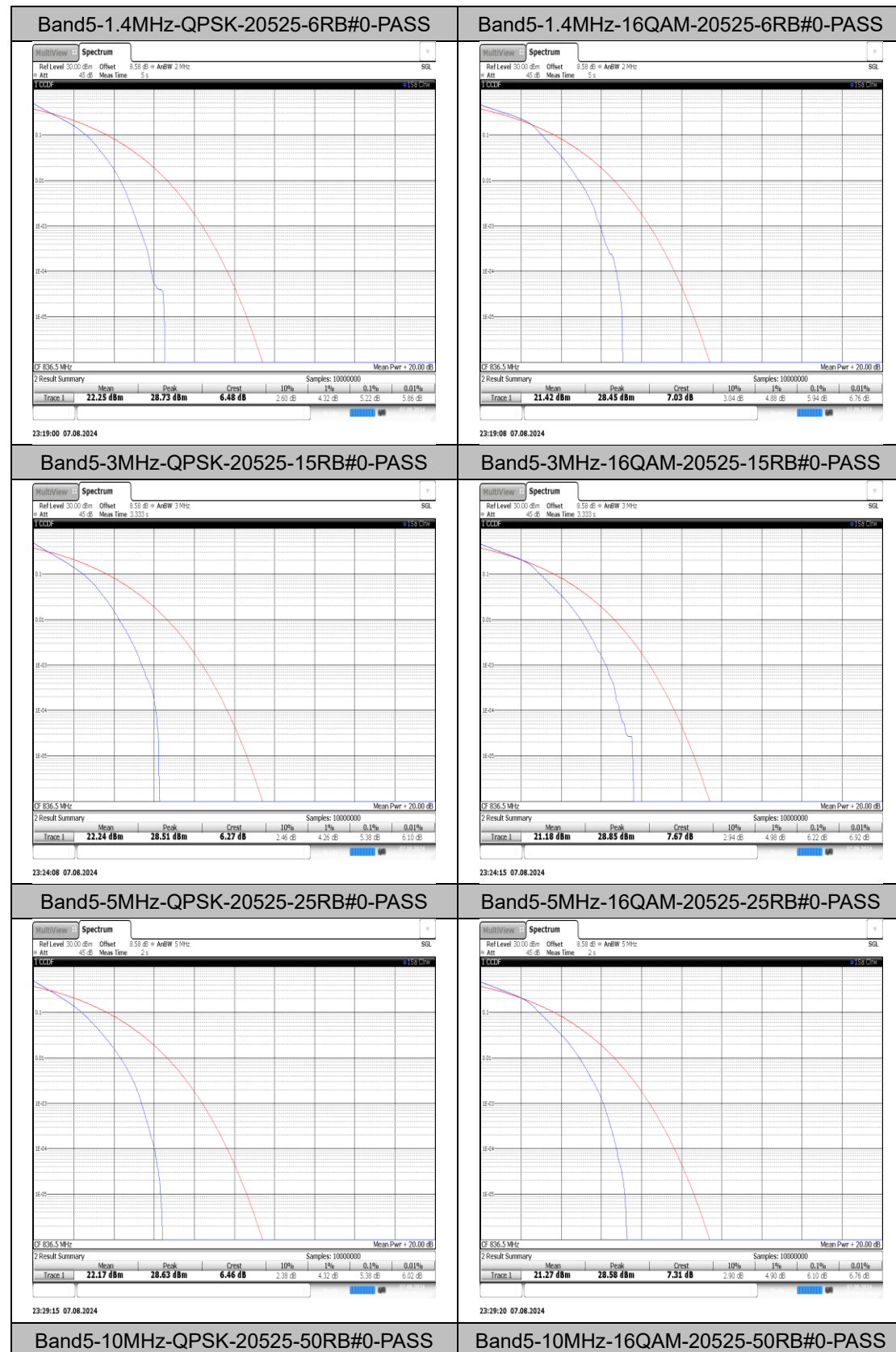


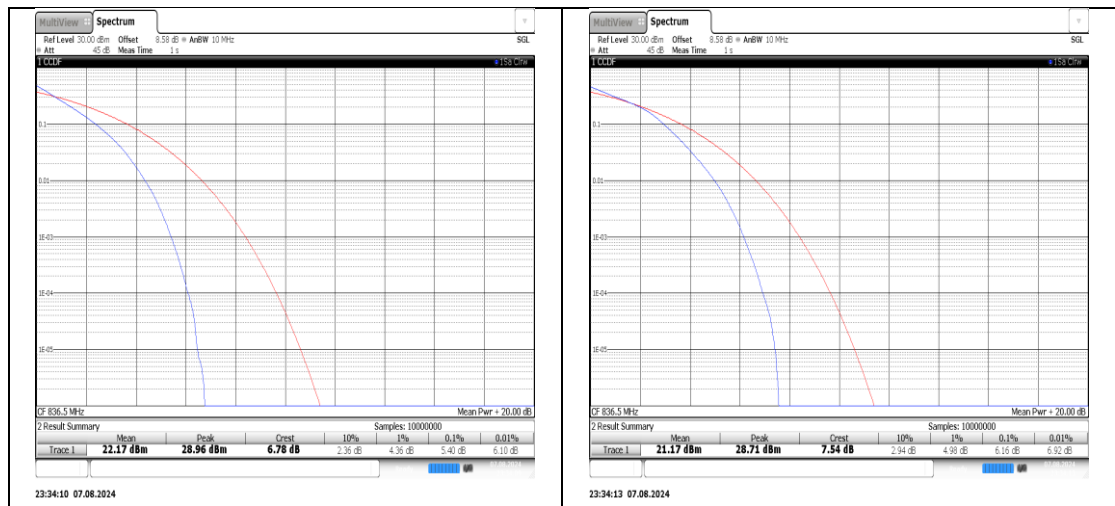
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	5.22	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.94	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.38	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.38	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.10	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS

Test Graphs



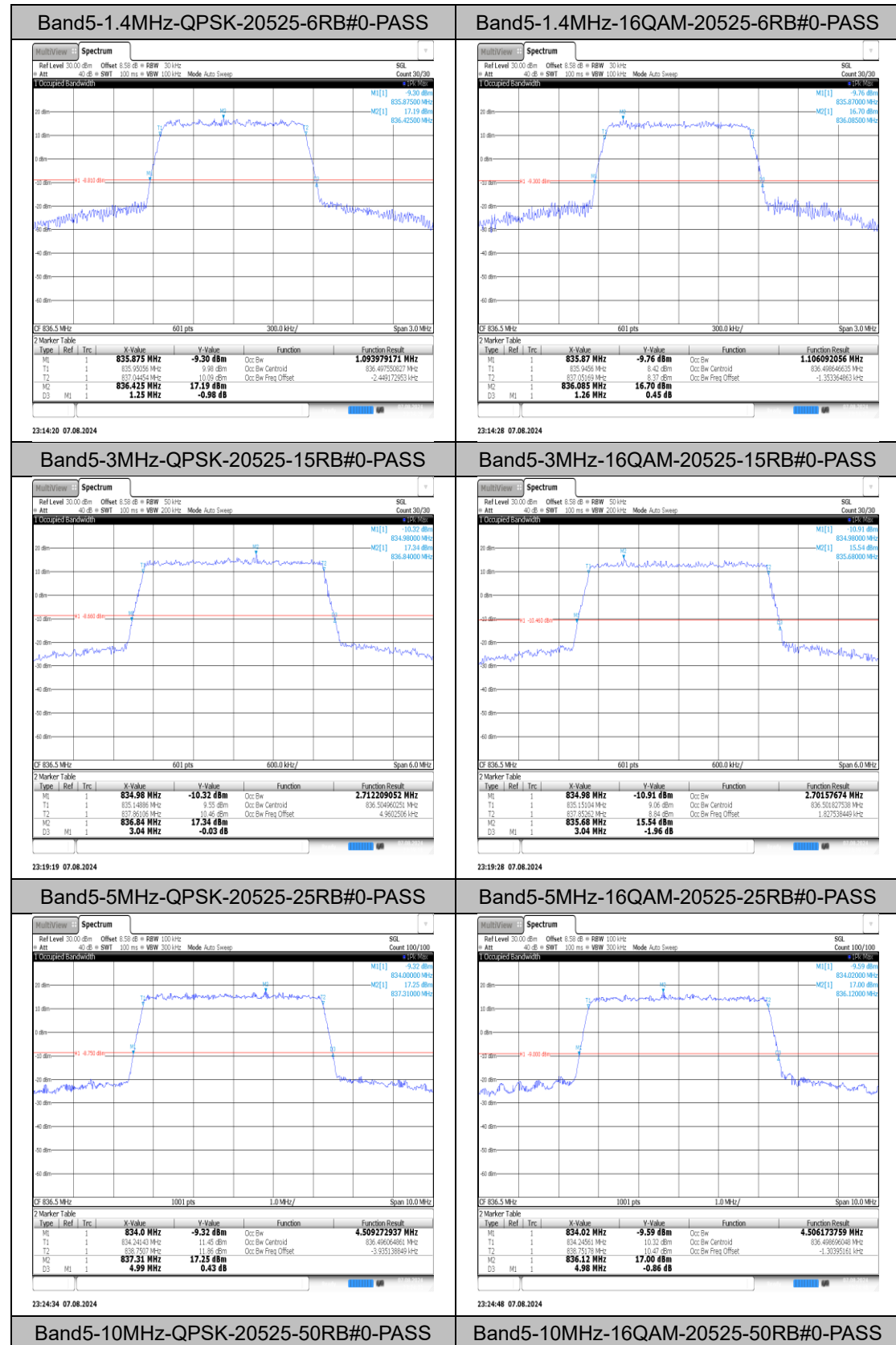


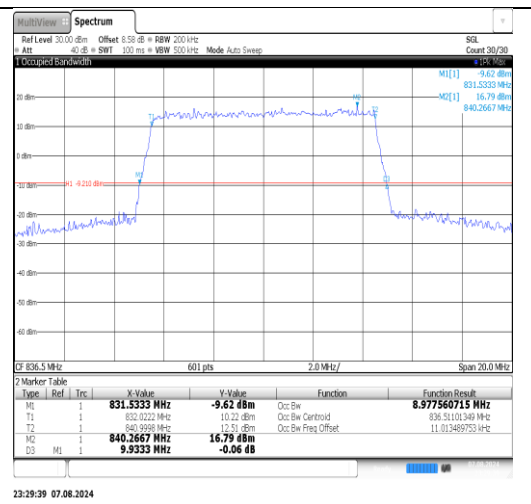
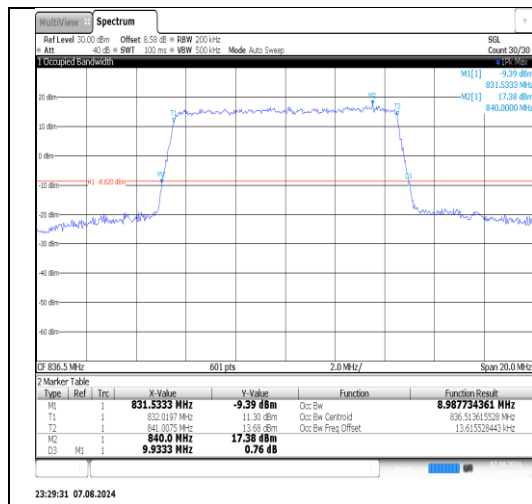
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.094	1.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.106	1.26	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.712	3.04	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.702	3.04	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.509	4.99	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.506	4.98	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.988	9.93	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.978	9.93	PASS

Test Graphs





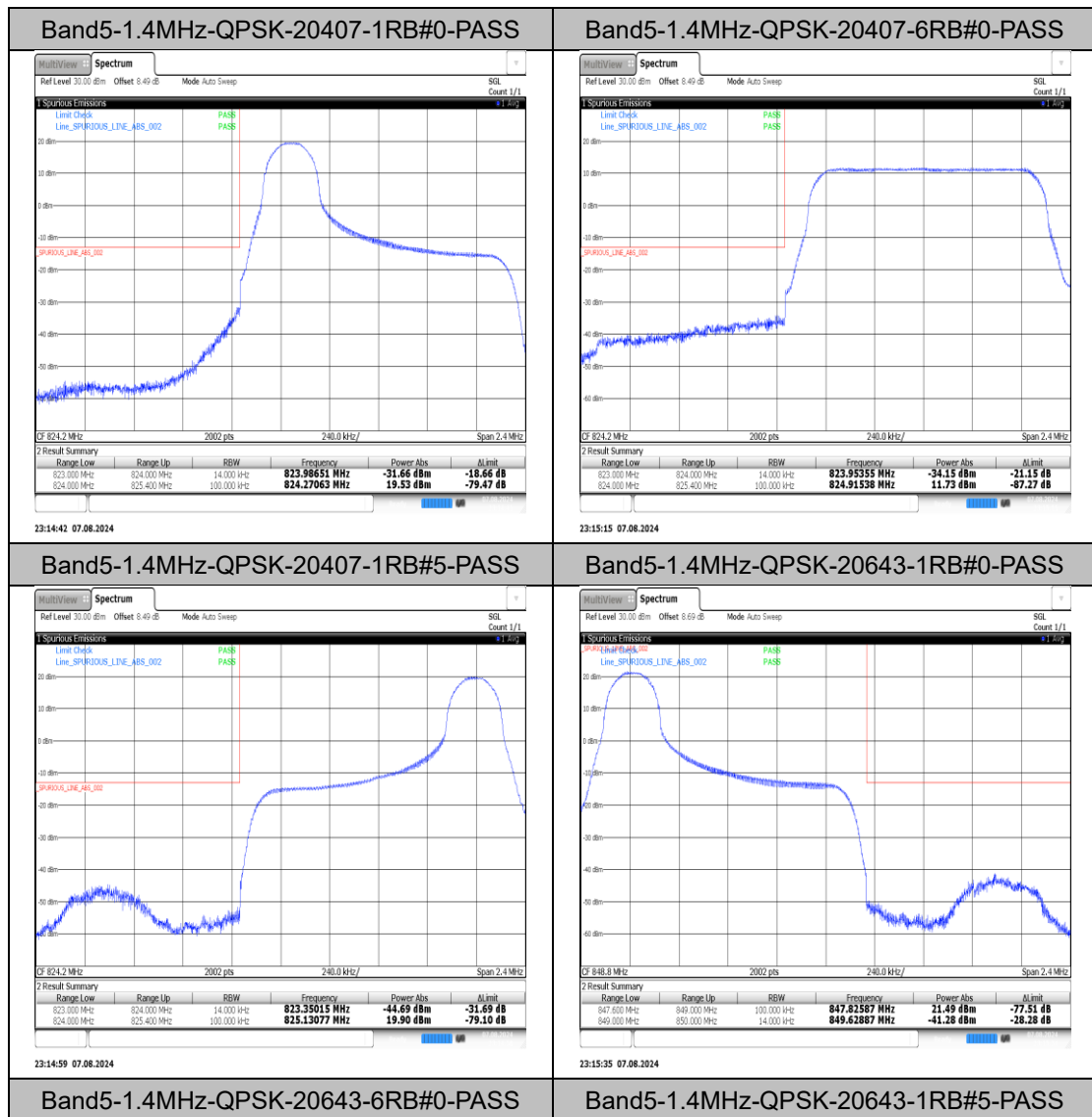
Appendix D: Band Edge

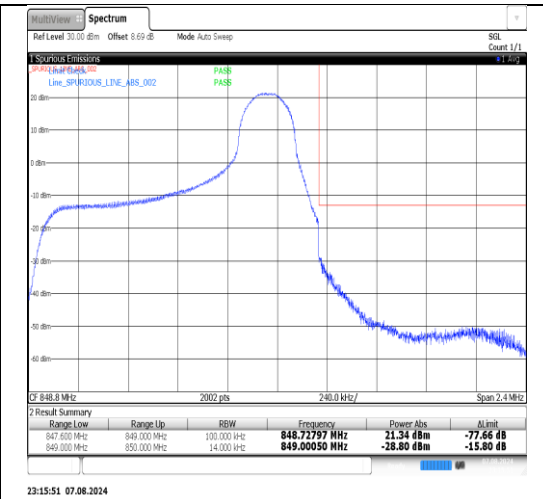
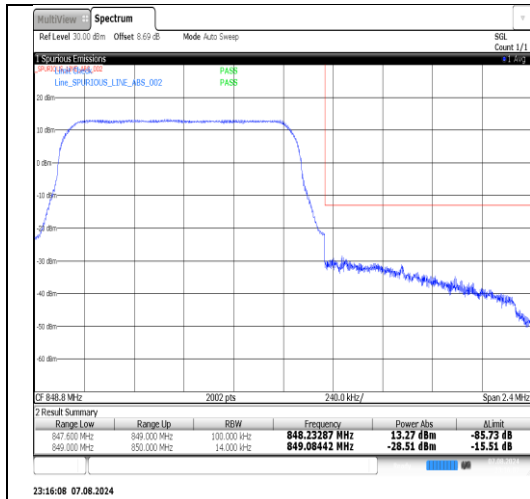
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-31.66	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-34.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-44.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-41.28	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.51	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-28.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-29.42	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-36.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-41.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-36.34	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-25.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	-16.77	PASS
Band5	3MHz	QPSK	20415	15RB#0	-25.50	PASS
Band5	3MHz	QPSK	20415	1RB#14	-29.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	-28.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	-24.57	PASS
Band5	3MHz	QPSK	20635	1RB#14	-14.90	PASS
Band5	3MHz	16QAM	20415	1RB#0	-16.56	PASS
Band5	3MHz	16QAM	20415	15RB#0	-27.54	PASS
Band5	3MHz	16QAM	20415	1RB#14	-29.69	PASS
Band5	3MHz	16QAM	20635	1RB#0	-28.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	-24.79	PASS
Band5	3MHz	16QAM	20635	1RB#14	-14.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.51	PASS
Band5	5MHz	QPSK	20425	25RB#0	-30.44	PASS
Band5	5MHz	QPSK	20425	1RB#24	-39.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	-38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.14	PASS
Band5	5MHz	QPSK	20625	1RB#24	-19.53	PASS
Band5	5MHz	16QAM	20425	1RB#0	-22.86	PASS
Band5	5MHz	16QAM	20425	25RB#0	-31.56	PASS
Band5	5MHz	16QAM	20425	1RB#24	-39.91	PASS
Band5	5MHz	16QAM	20625	1RB#0	-38.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	-29.98	PASS
Band5	5MHz	16QAM	20625	1RB#24	-20.90	PASS
Band5	10MHz	QPSK	20450	1RB#0	-25.06	PASS

Band5	10MHz	QPSK	20450	50RB#0	-32.95	PASS
Band5	10MHz	QPSK	20450	1RB#49	-42.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	-42.05	PASS
Band5	10MHz	QPSK	20600	50RB#0	-32.04	PASS
Band5	10MHz	QPSK	20600	1RB#49	-22.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	-24.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	-34.28	PASS
Band5	10MHz	16QAM	20450	1RB#49	-42.20	PASS
Band5	10MHz	16QAM	20600	1RB#0	-41.19	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.06	PASS
Band5	10MHz	16QAM	20600	1RB#49	-21.39	PASS

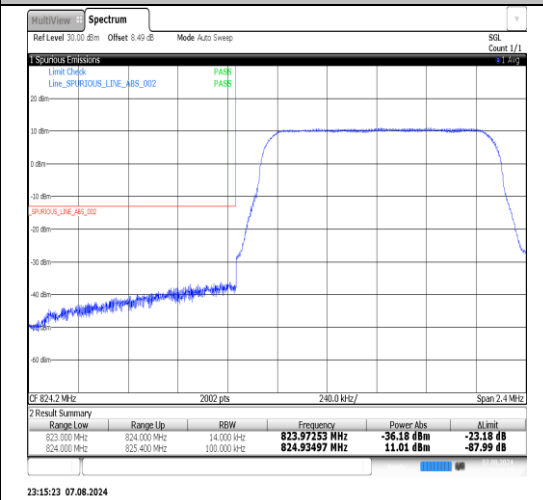
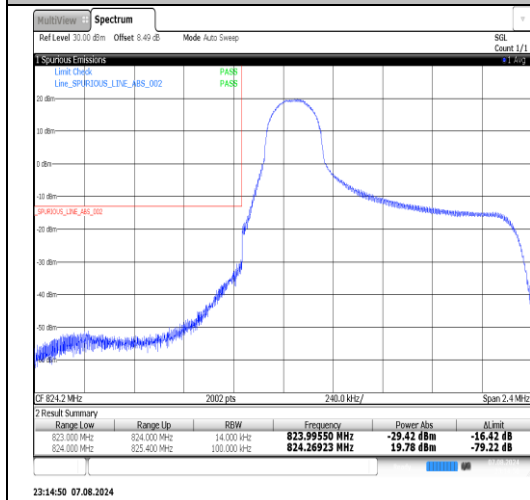
Test Graphs





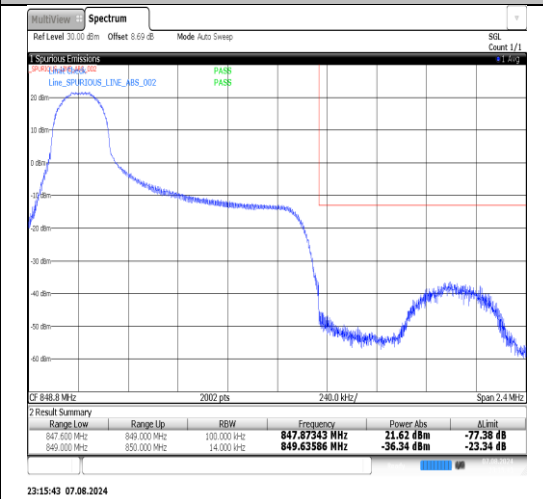
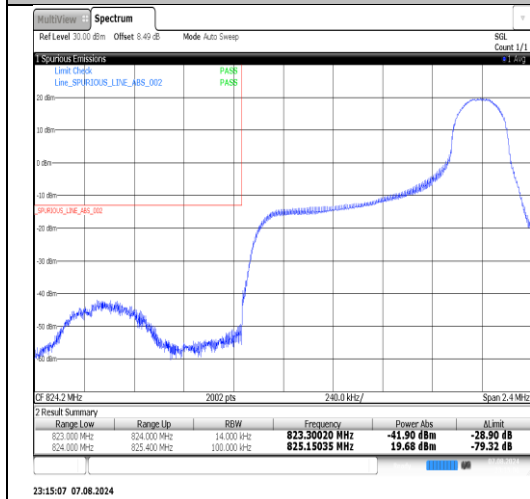
Band5-1.4MHz-16QAM-20407-1RB#0-PASS

Band5-1.4MHz-16QAM-20407-6RB#0-PASS



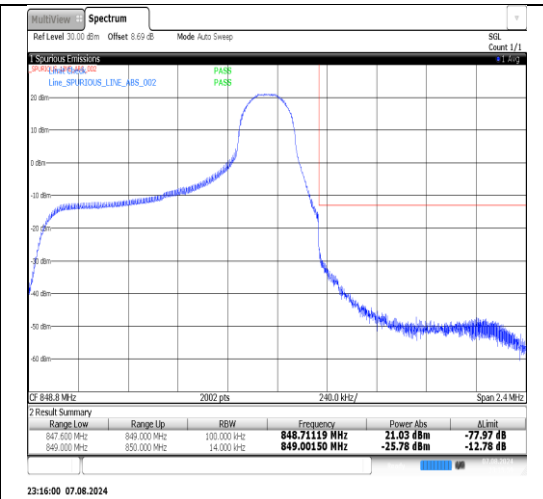
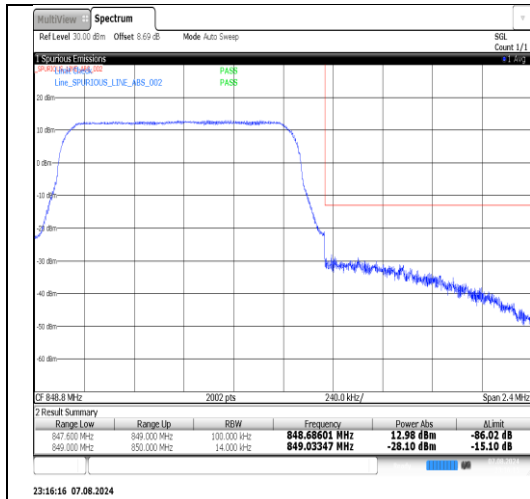
Band5-1.4MHz-16QAM-20407-1RB#5-PASS

Band5-1.4MHz-16QAM-20643-1RB#0-PASS



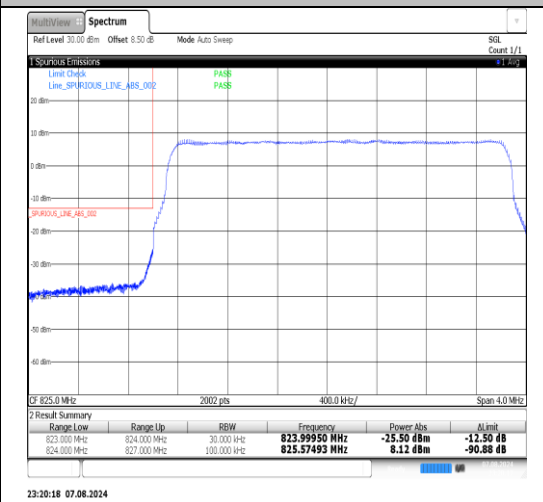
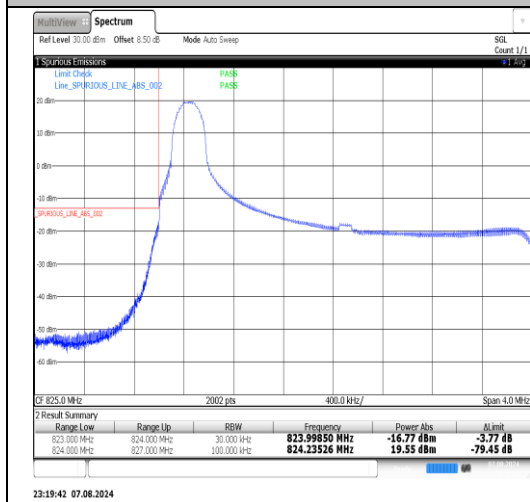
Band5-1.4MHz-16QAM-20643-6RB#0-PASS

Band5-1.4MHz-16QAM-20643-1RB#5-PASS



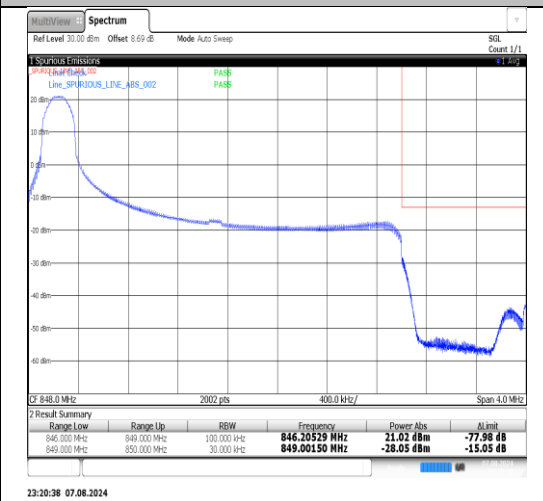
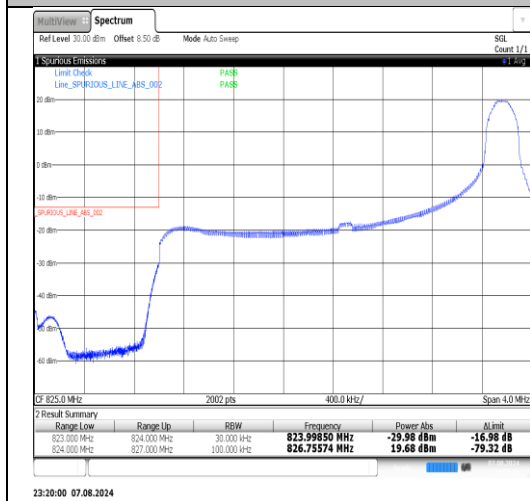
Band5-3MHz-QPSK-20415-1RB#0-PASS

Band5-3MHz-QPSK-20415-15RB#0-PASS



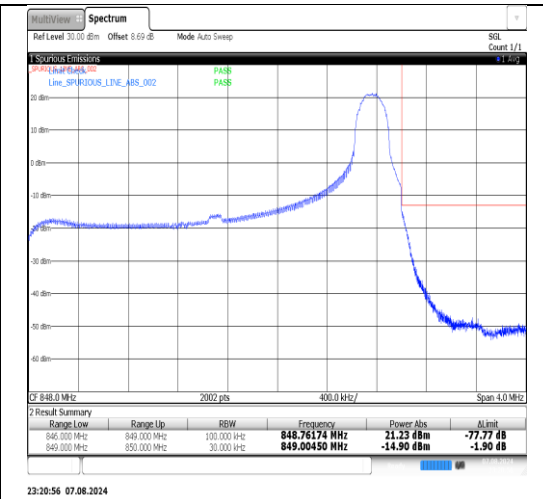
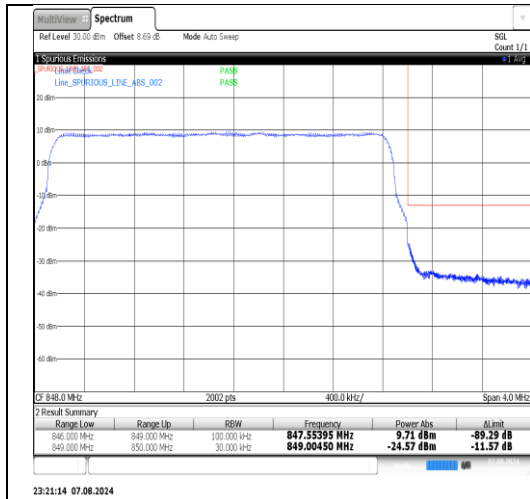
Band5-3MHz-QPSK-20415-1RB#14-PASS

Band5-3MHz-QPSK-20635-1RB#0-PASS



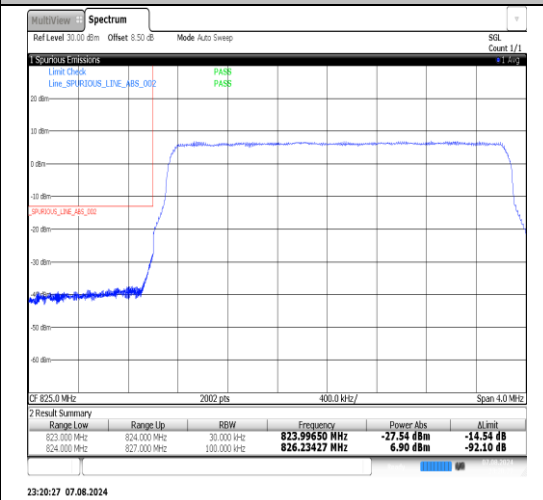
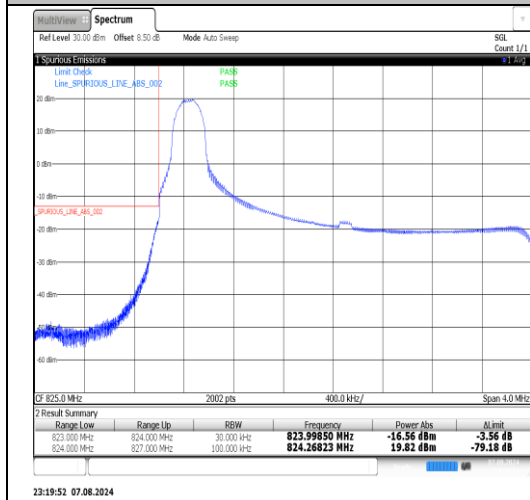
Band5-3MHz-QPSK-20635-15RB#0-PASS

Band5-3MHz-QPSK-20635-1RB#14-PASS



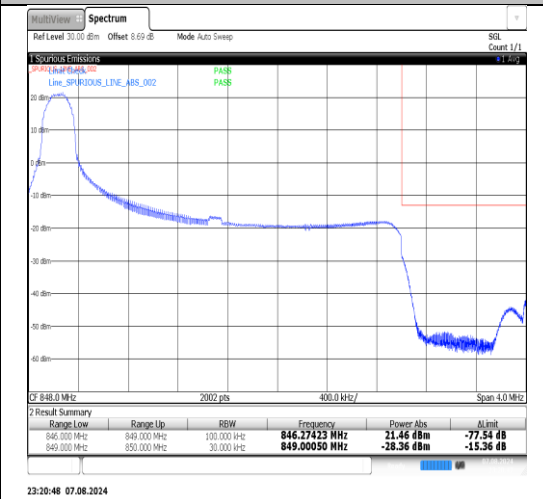
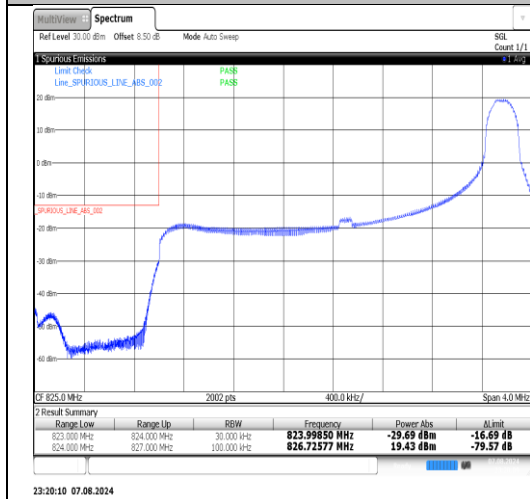
Band5-3MHz-16QAM-20415-1RB#0-PASS

Band5-3MHz-16QAM-20415-15RB#0-PASS



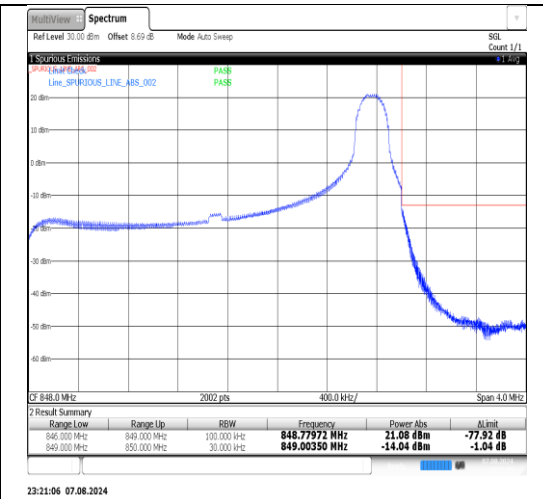
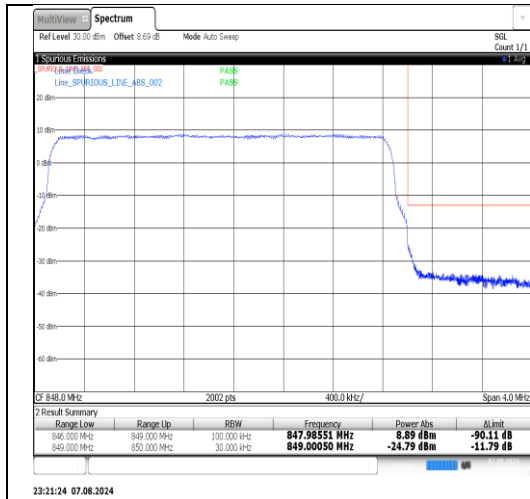
Band5-3MHz-16QAM-20415-1RB#14-PASS

Band5-3MHz-16QAM-20635-1RB#0-PASS



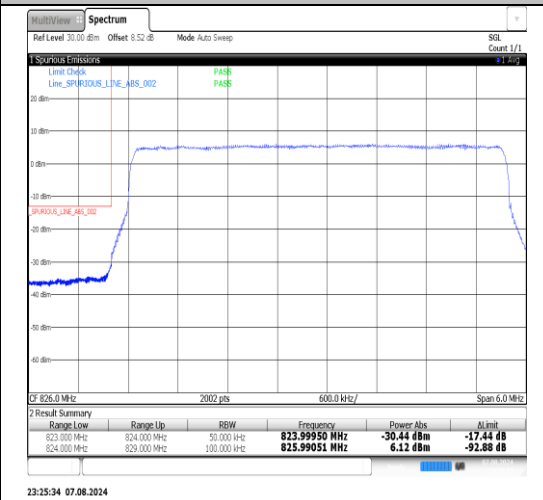
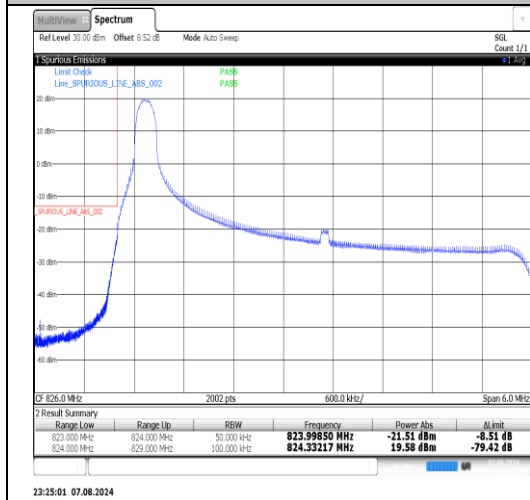
Band5-3MHz-16QAM-20635-15RB#0-PASS

Band5-3MHz-16QAM-20635-1RB#14-PASS



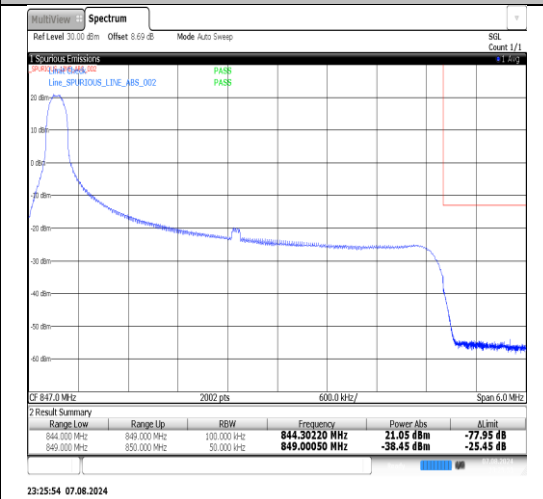
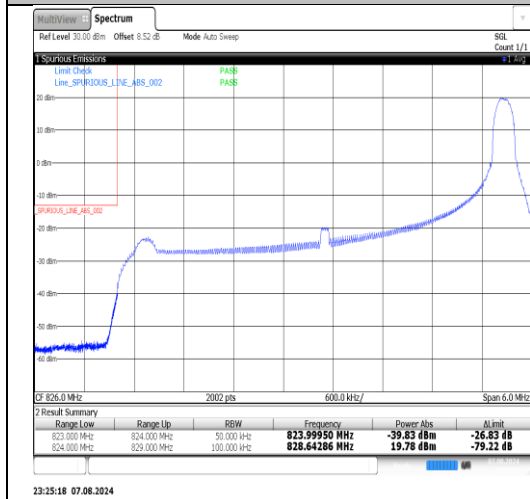
Band5-5MHz-QPSK-20425-1RB#0-PASS

Band5-5MHz-QPSK-20425-25RB#0-PASS



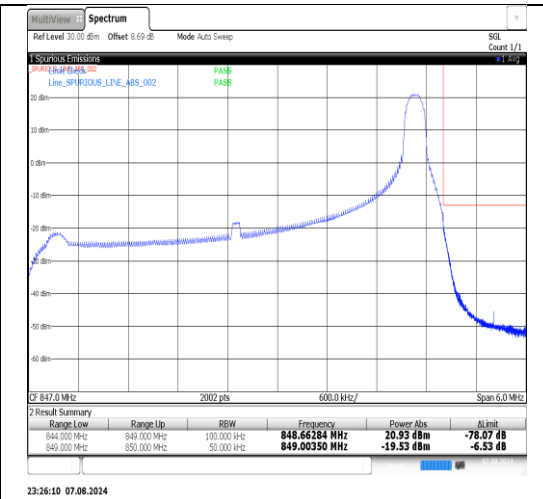
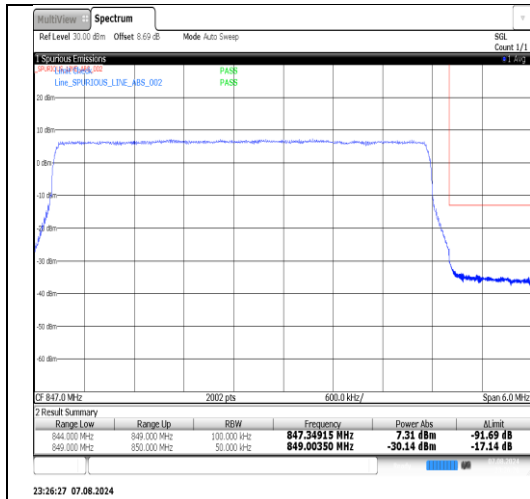
Band5-5MHz-QPSK-20425-1RB#24-PASS

Band5-5MHz-QPSK-20625-1RB#0-PASS



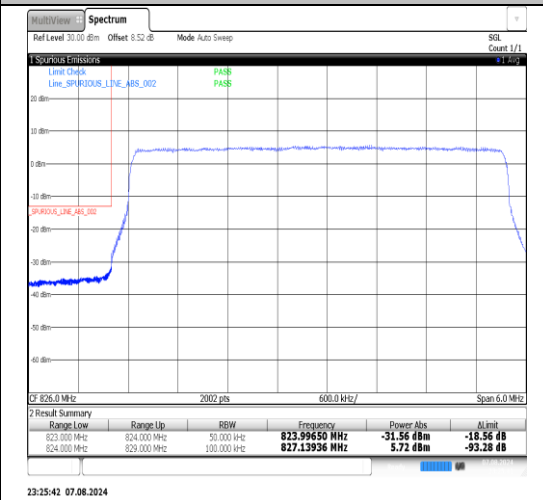
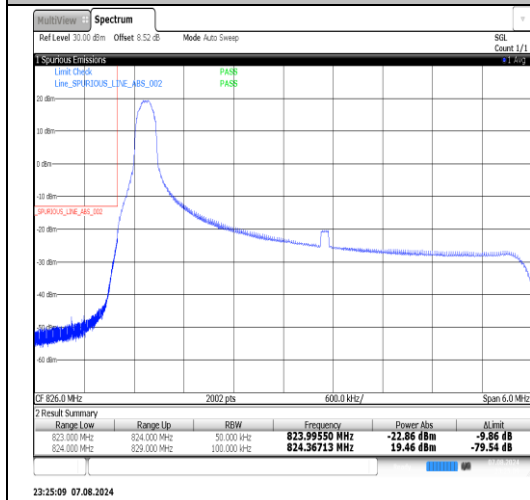
Band5-5MHz-QPSK-20625-25RB#0-PASS

Band5-5MHz-QPSK-20625-1RB#24-PASS



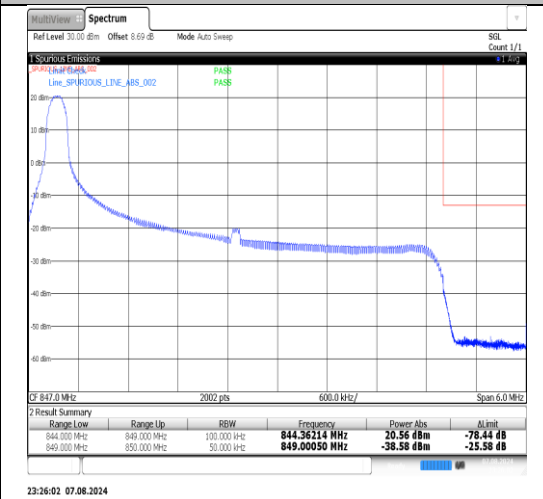
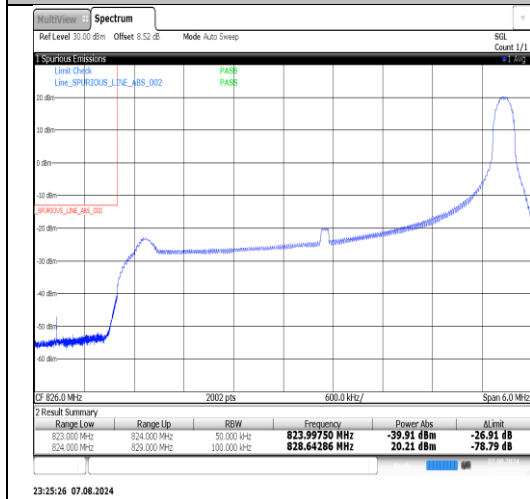
Band5-5MHz-16QAM-20425-1RB#0-PASS

Band5-5MHz-16QAM-20425-25RB#0-PASS



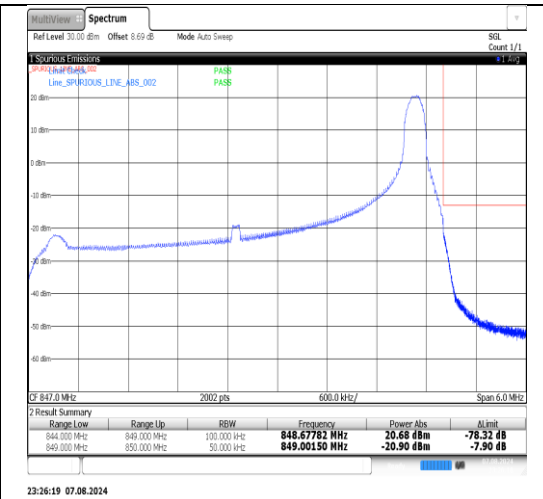
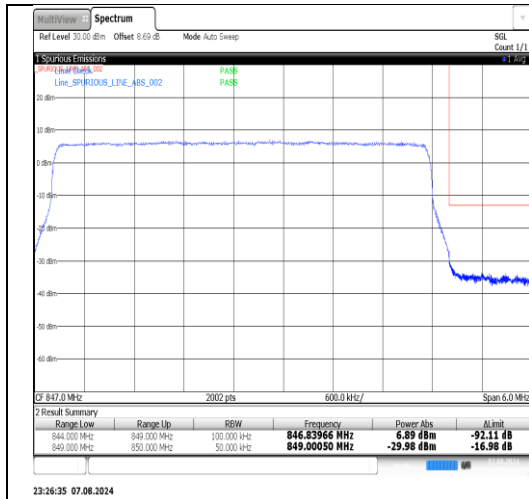
Band5-5MHz-16QAM-20425-1RB#24-PASS

Band5-5MHz-16QAM-20625-1RB#0-PASS



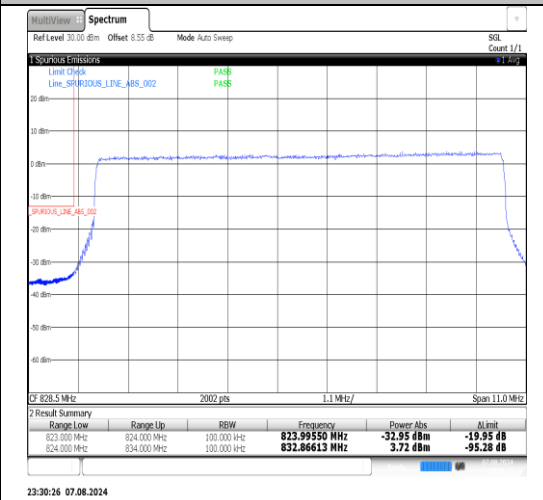
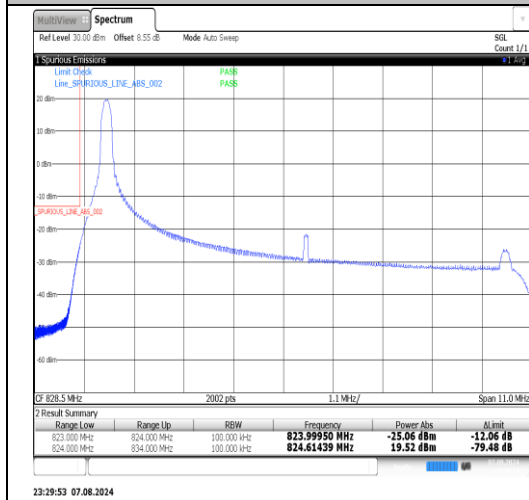
Band5-5MHz-16QAM-20625-25RB#0-PASS

Band5-5MHz-16QAM-20625-1RB#24-PASS



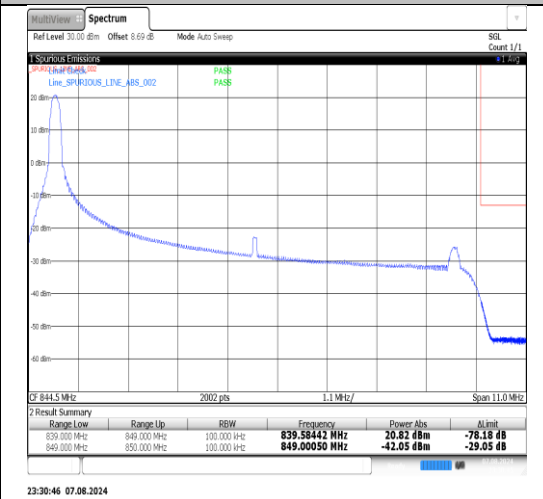
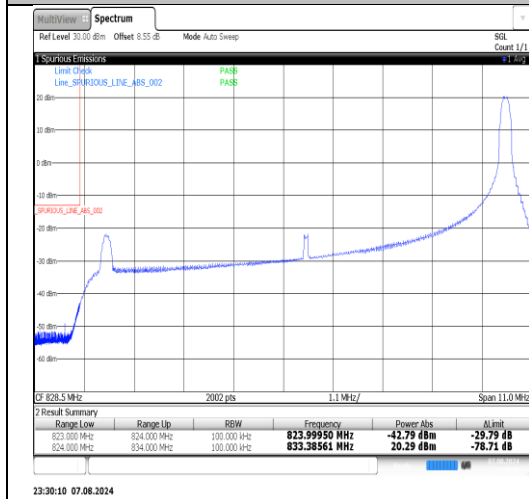
Band5-10MHz-QPSK-20450-1RB#0-PASS

Band5-10MHz-QPSK-20450-50RB#0-PASS



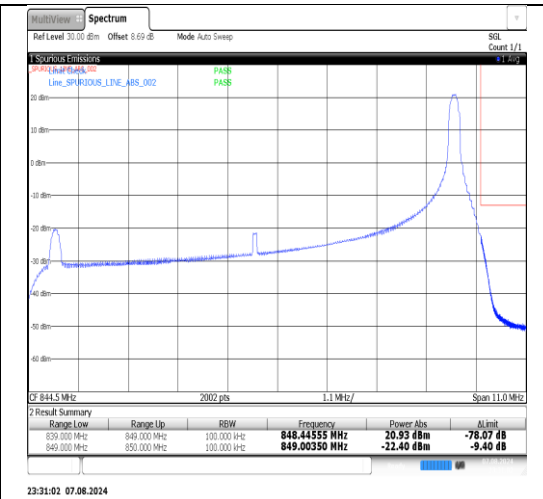
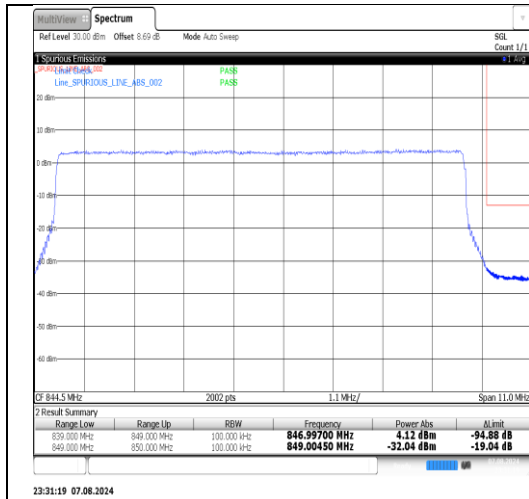
Band5-10MHz-QPSK-20450-1RB#49-PASS

Band5-10MHz-QPSK-20600-1RB#0-PASS



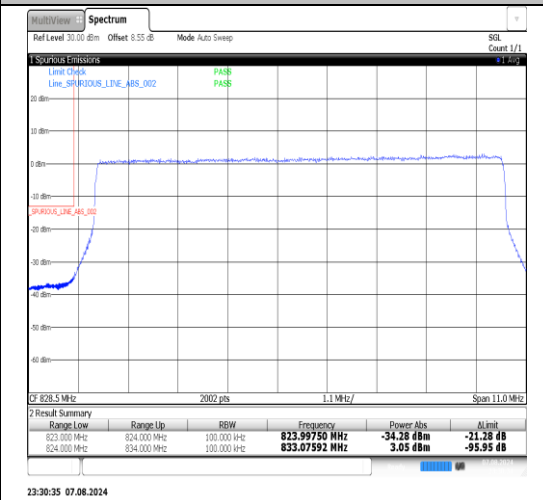
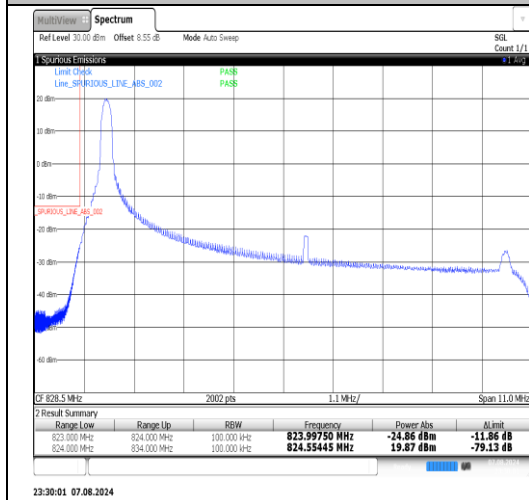
Band5-10MHz-QPSK-20600-50RB#0-PASS

Band5-10MHz-QPSK-20600-1RB#49-PASS



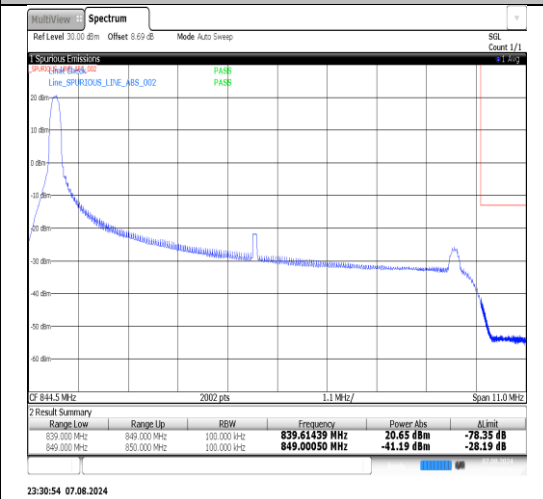
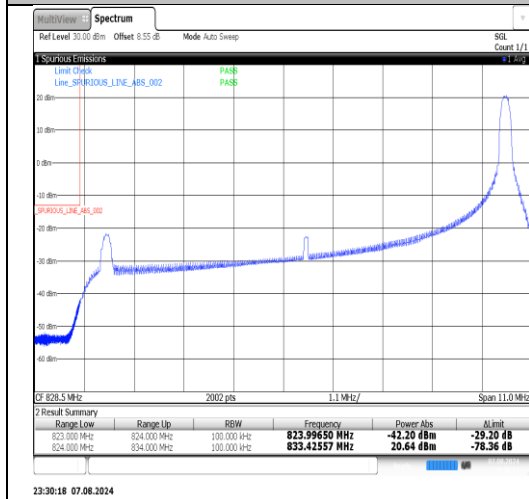
Band5-10MHz-16QAM-20450-1RB#0-PASS

Band5-10MHz-16QAM-20450-50RB#0-PASS



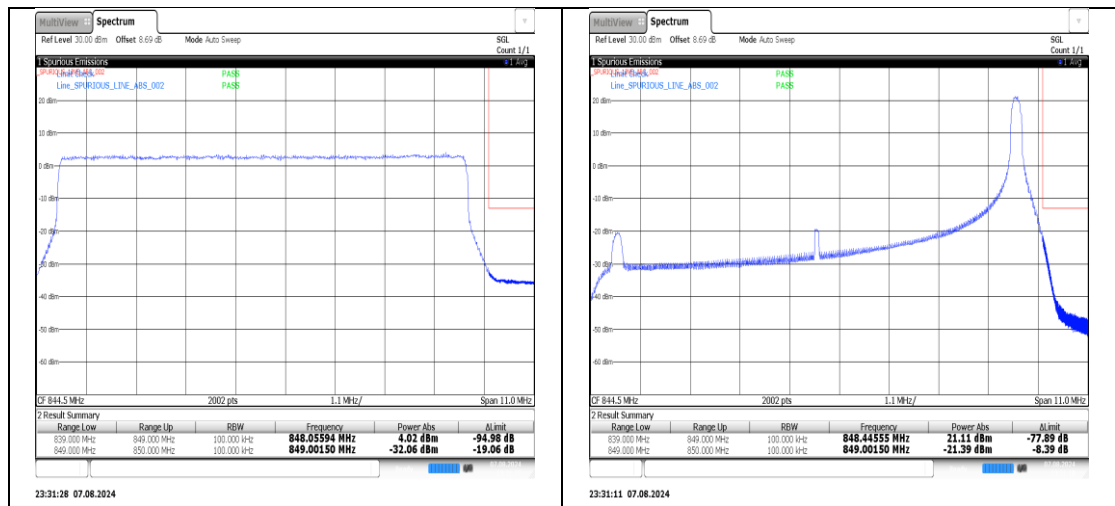
Band5-10MHz-16QAM-20450-1RB#49-PASS

Band5-10MHz-16QAM-20600-1RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

Band5-10MHz-16QAM-20600-1RB#49-PASS



Appendix E: Conducted Spurious Emission

Test Result

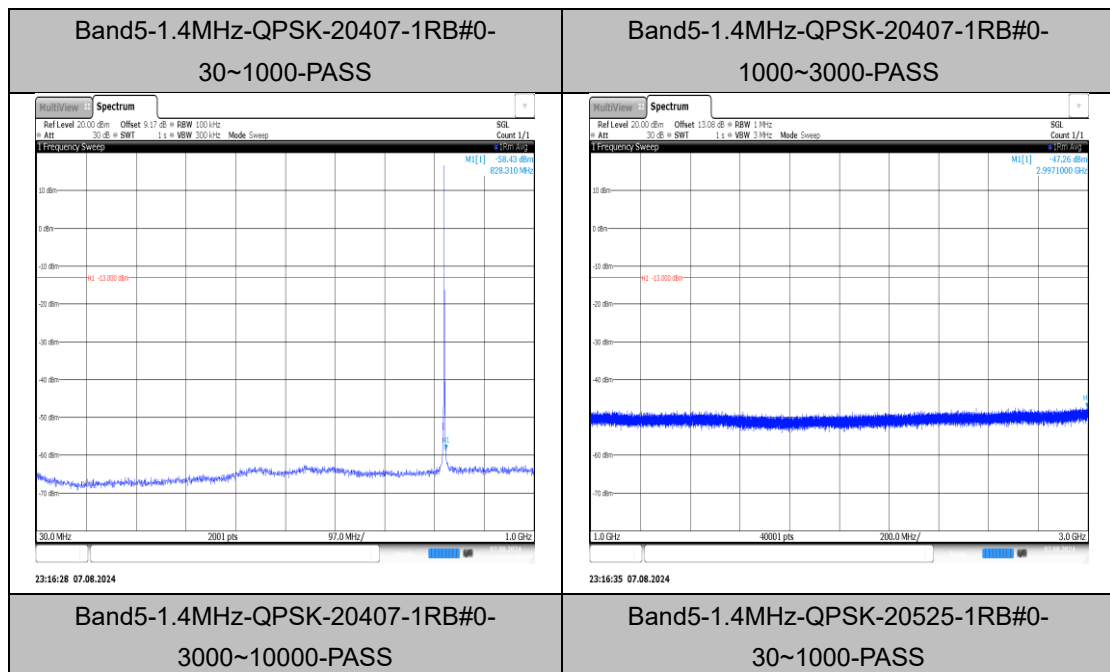
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	- 58.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	- 47.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	- 36.95	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	- 59.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	- 47.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	- 36.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	- 57.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	- 47.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	- 36.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	- 58.44	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	- 47.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	- 36.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	- 58.59	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	- 47.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	- 36.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	- 56.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	- 47.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	- 36.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-	PASS

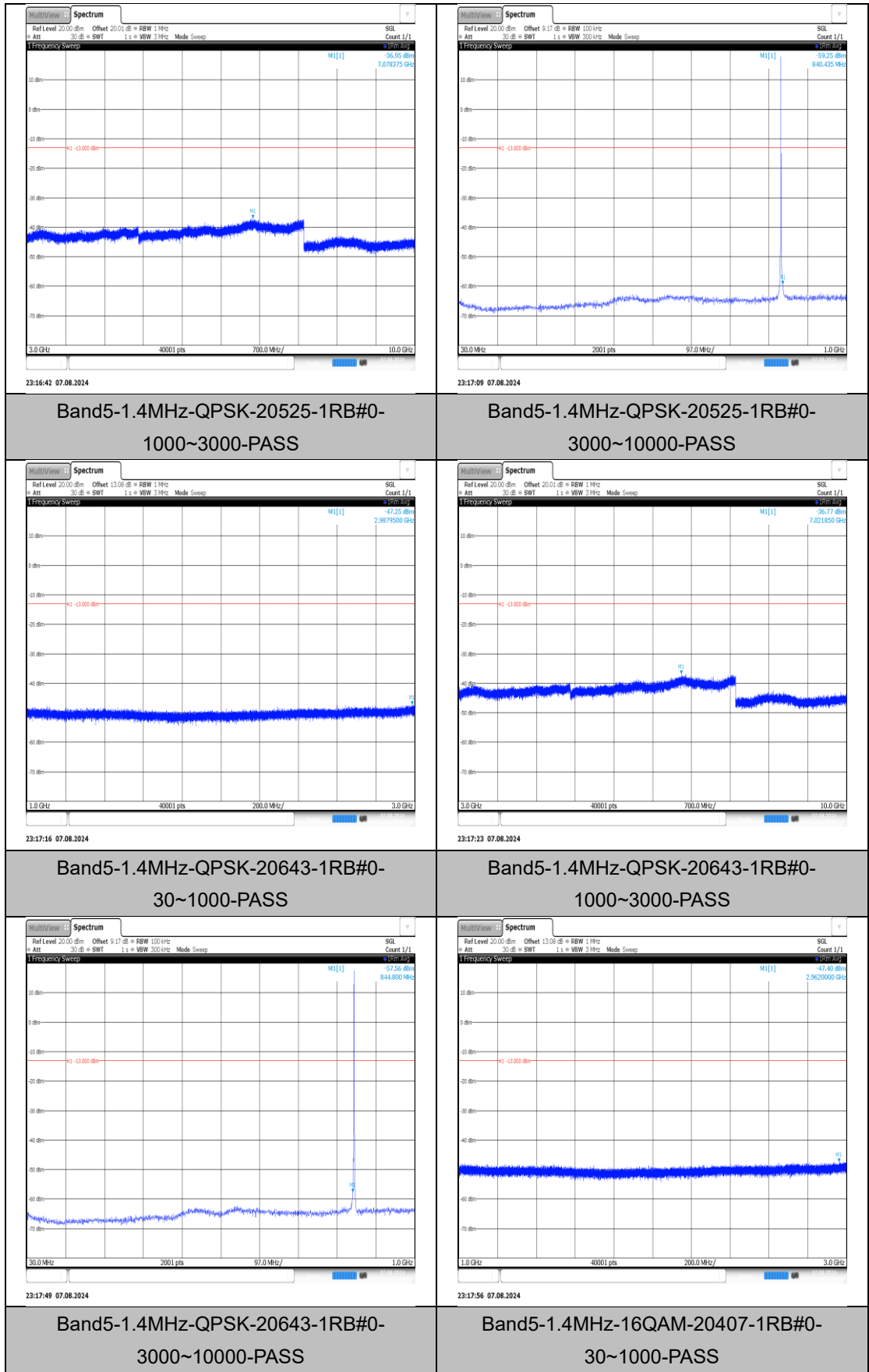
						59.63	
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	- 46.88	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	- 37.18	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	- 59.43	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	- 47.60	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	- 37.30	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	- 60.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	- 46.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	- 36.85	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	- 42.71	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	- 47.23	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	- 37.09	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	- 59.24	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	- 47.33	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	- 36.96	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	- 58.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	- 47.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	- 37.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	- 60.67	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	- 47.26	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	- 36.60	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	- 60.84	PASS

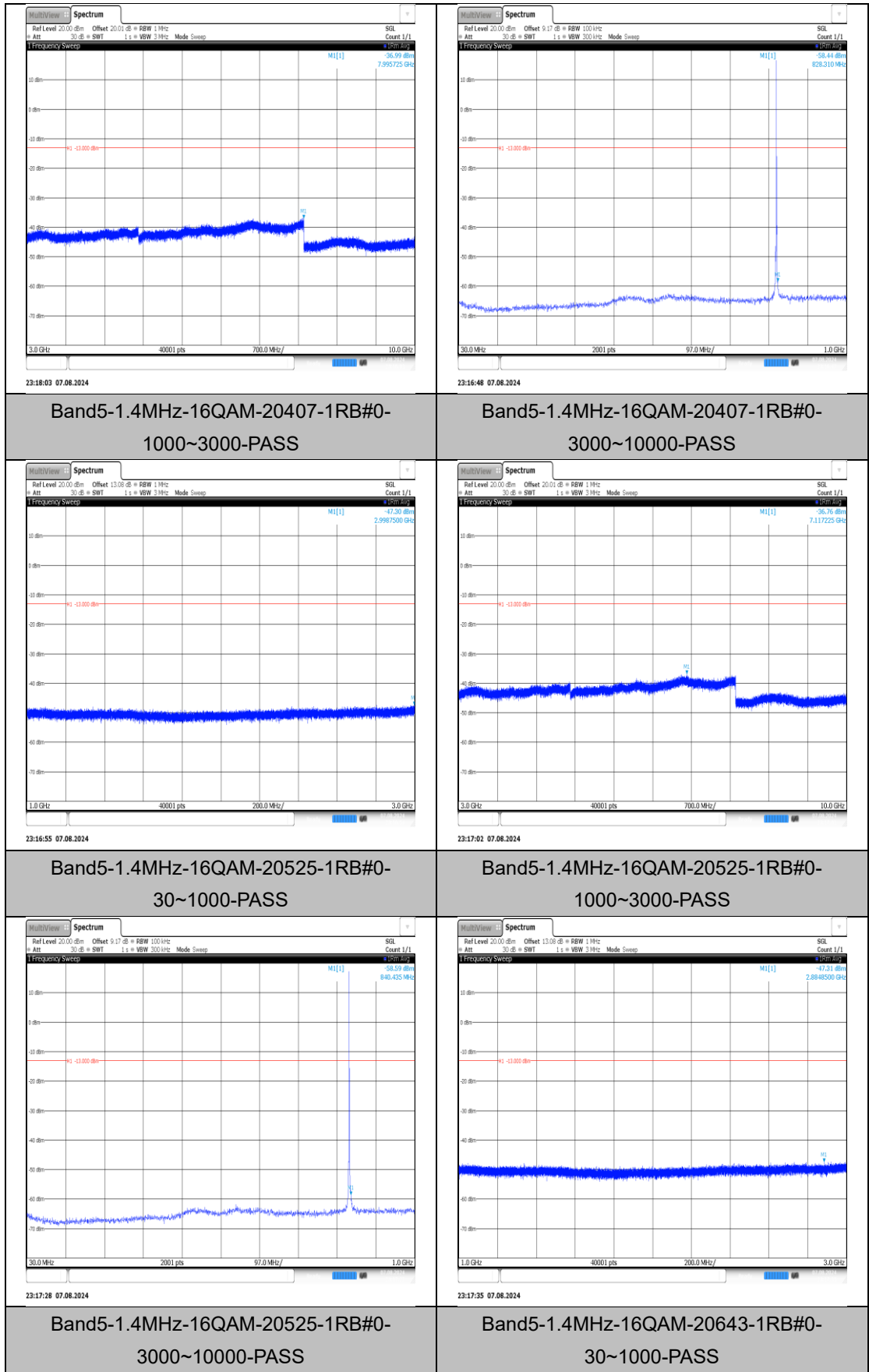
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	- 47.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	- 36.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	- 61.16	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	- 47.12	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	- 36.89	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	- 61.03	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	- 47.13	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	- 37.14	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	- 60.80	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	- 47.34	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	- 36.90	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	- 61.37	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	- 46.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	- 36.82	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	- 62.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	- 47.08	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	- 37.30	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	- 62.13	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	- 47.12	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	- 36.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	- 62.54	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	- 46.98	PASS

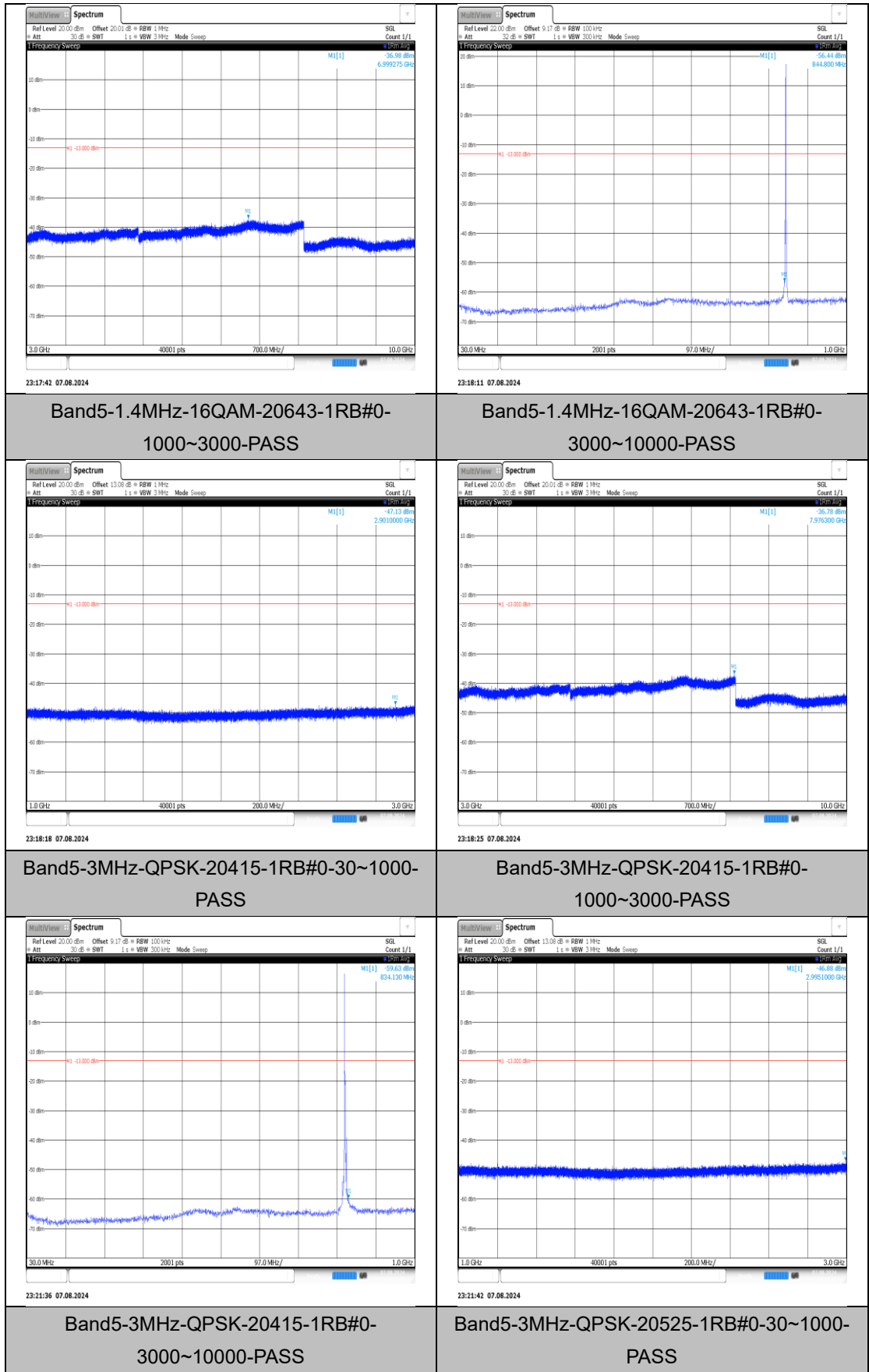
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	- 36.85	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	- 62.22	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	- 47.12	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	- 36.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	- 62.04	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	- 47.33	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	- 36.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	- 62.42	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	- 47.17	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	- 36.80	PASS

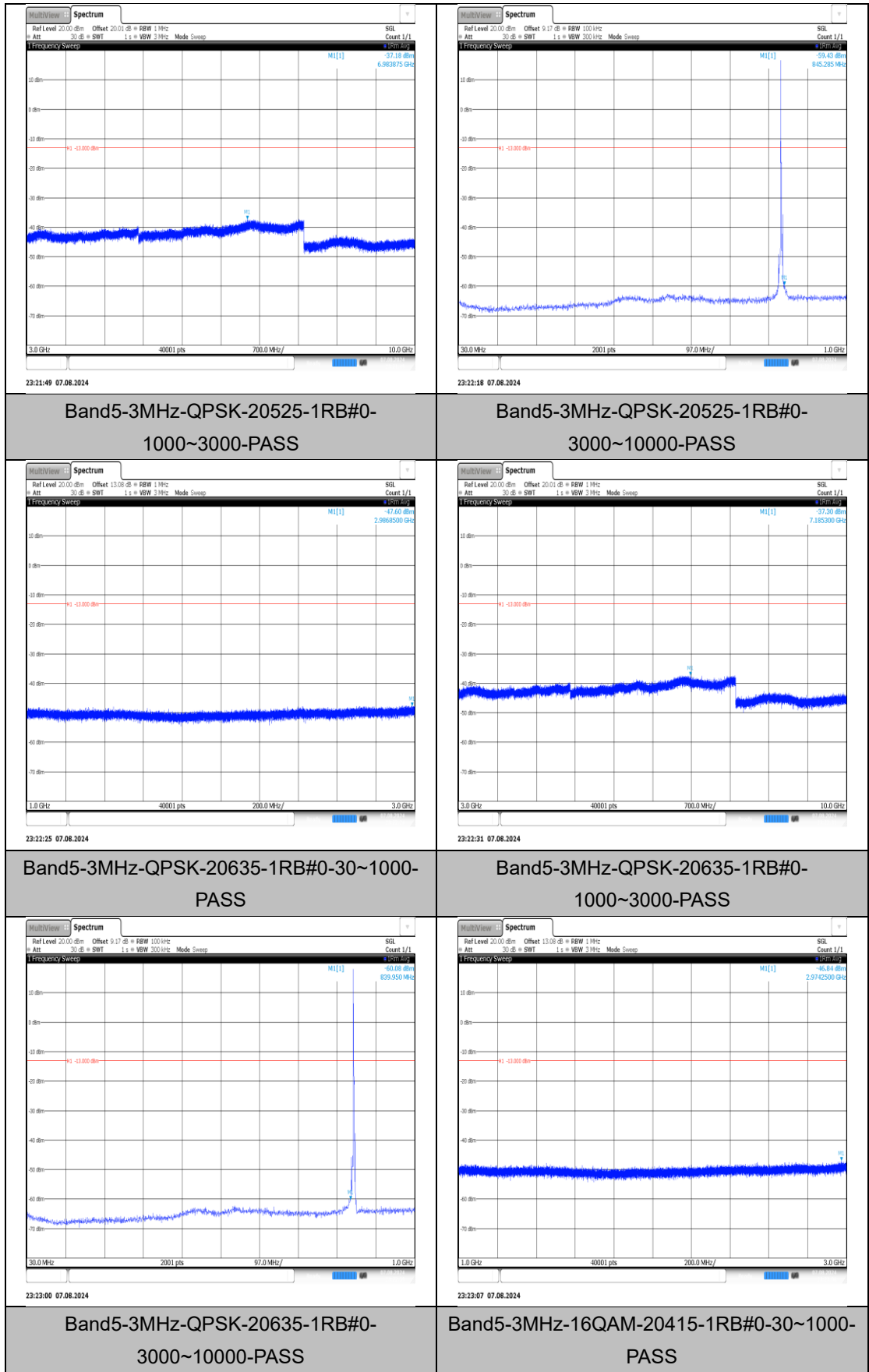
Test Graphs

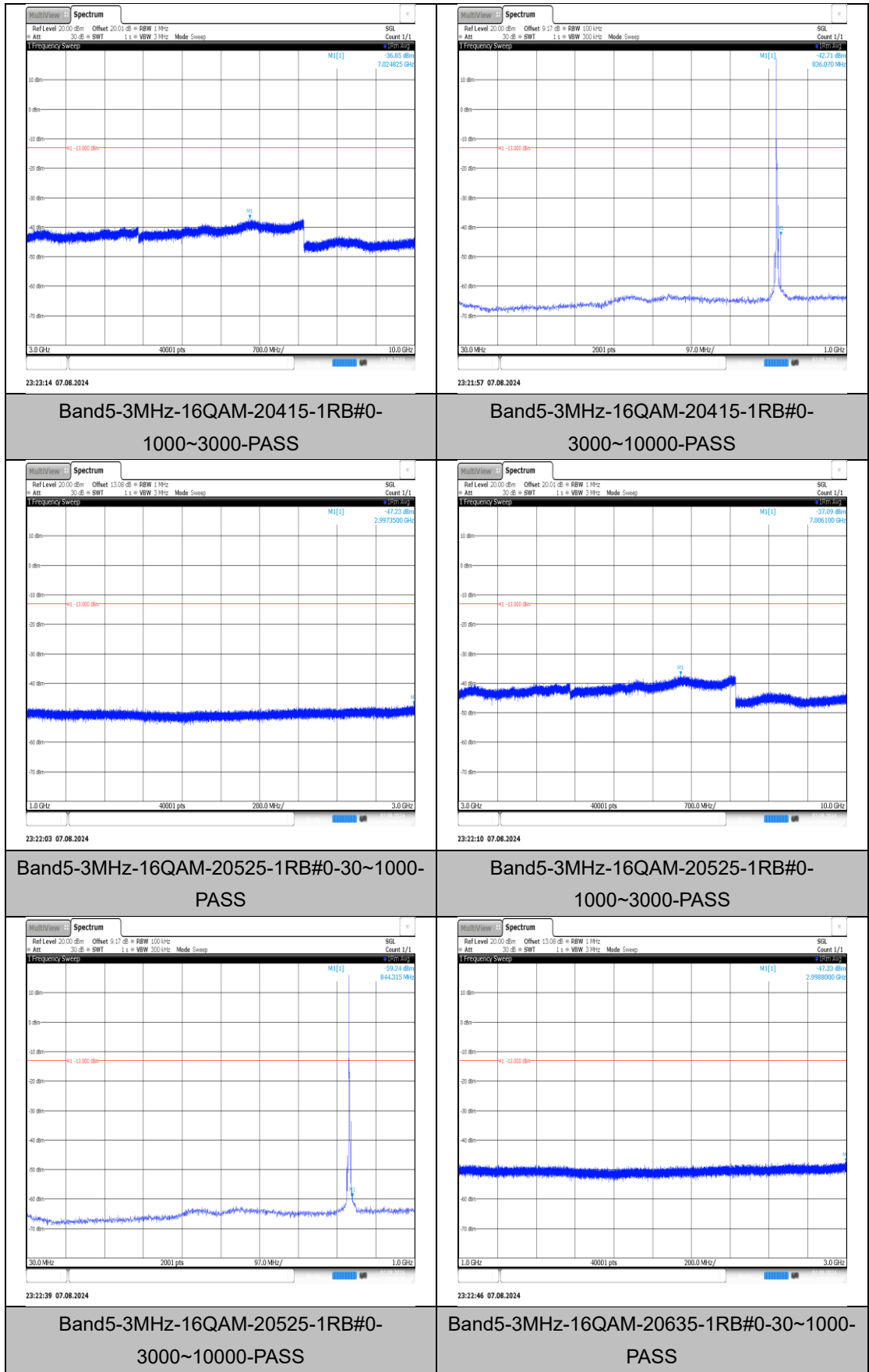


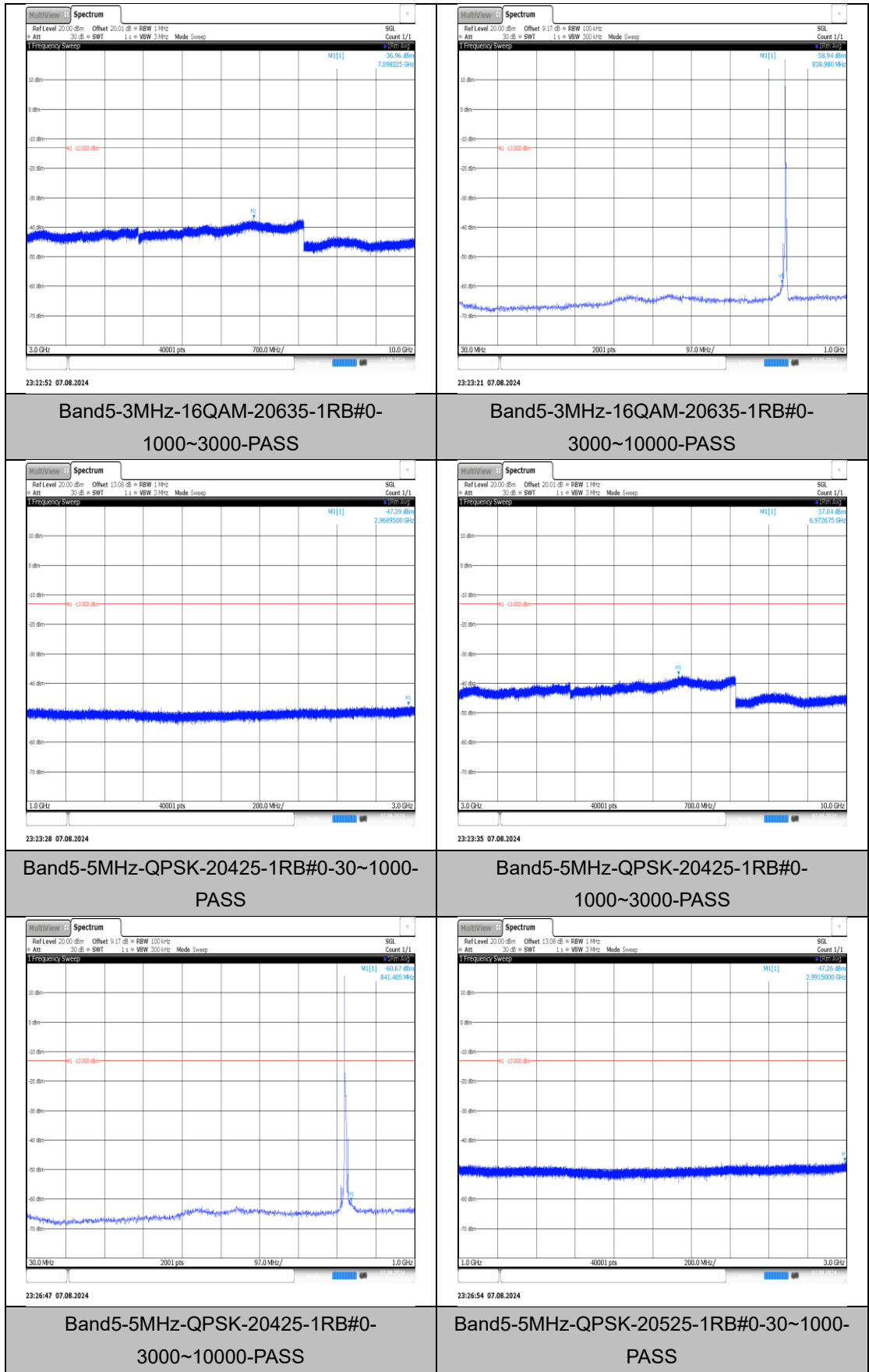


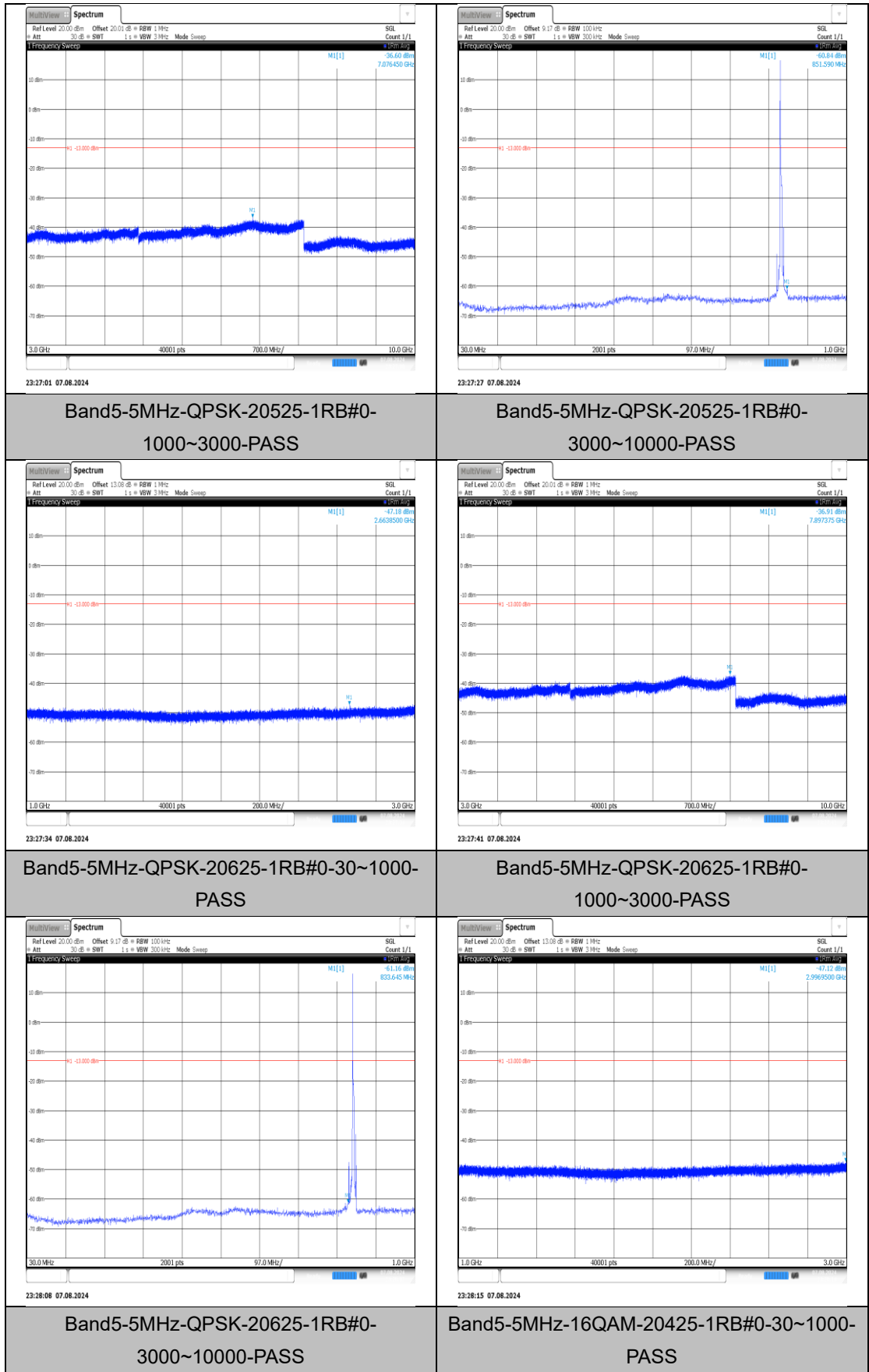


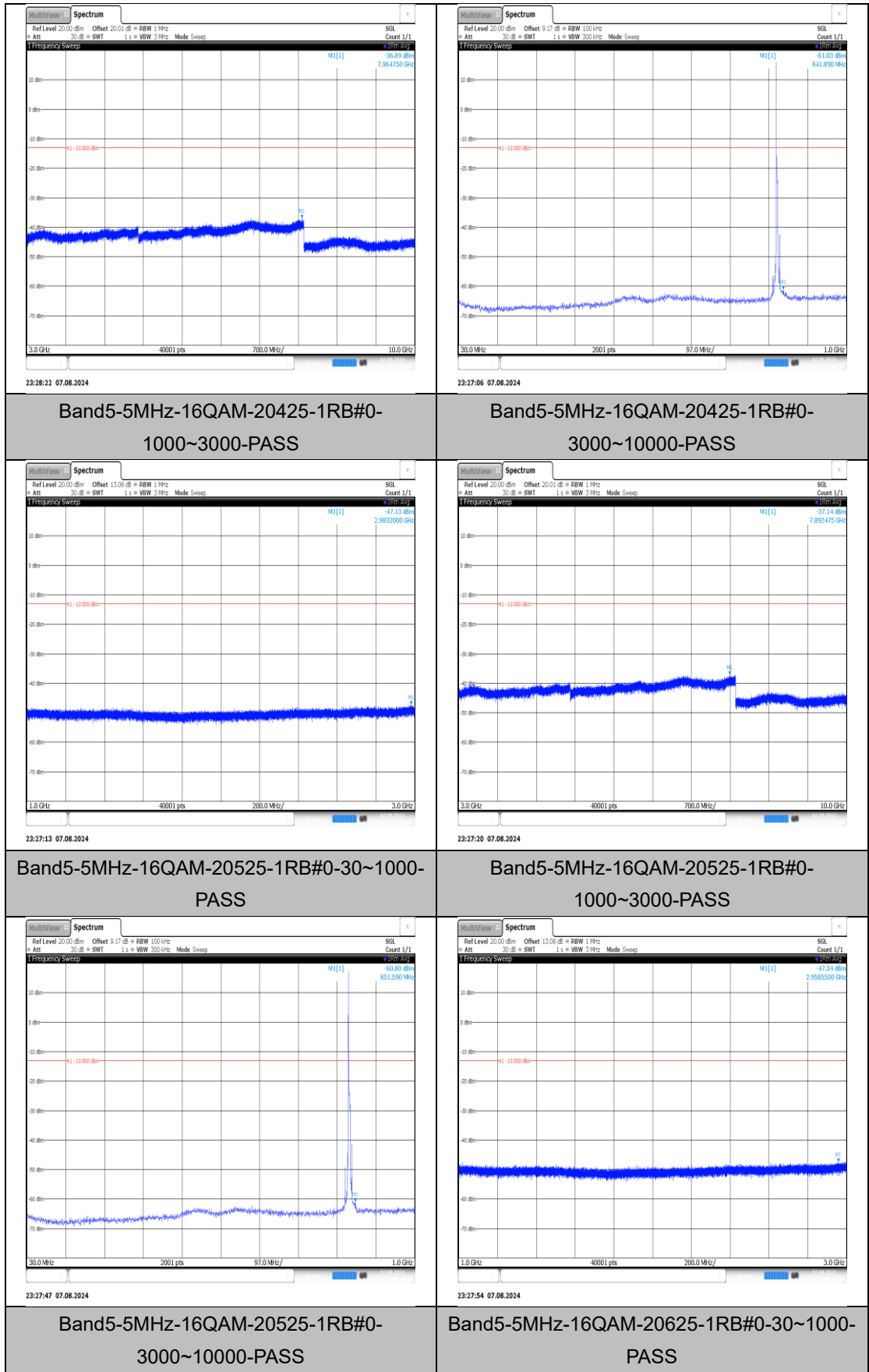


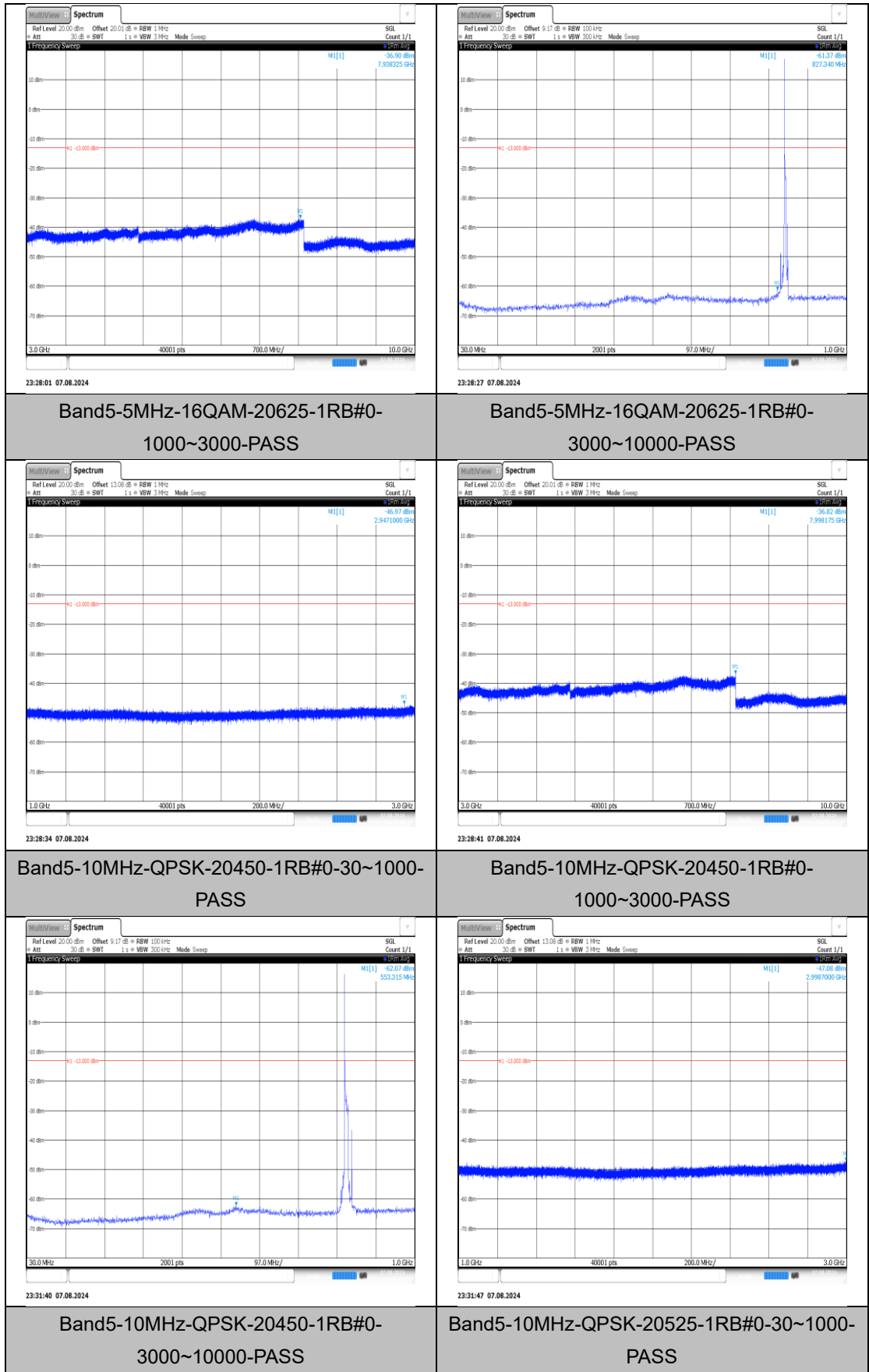


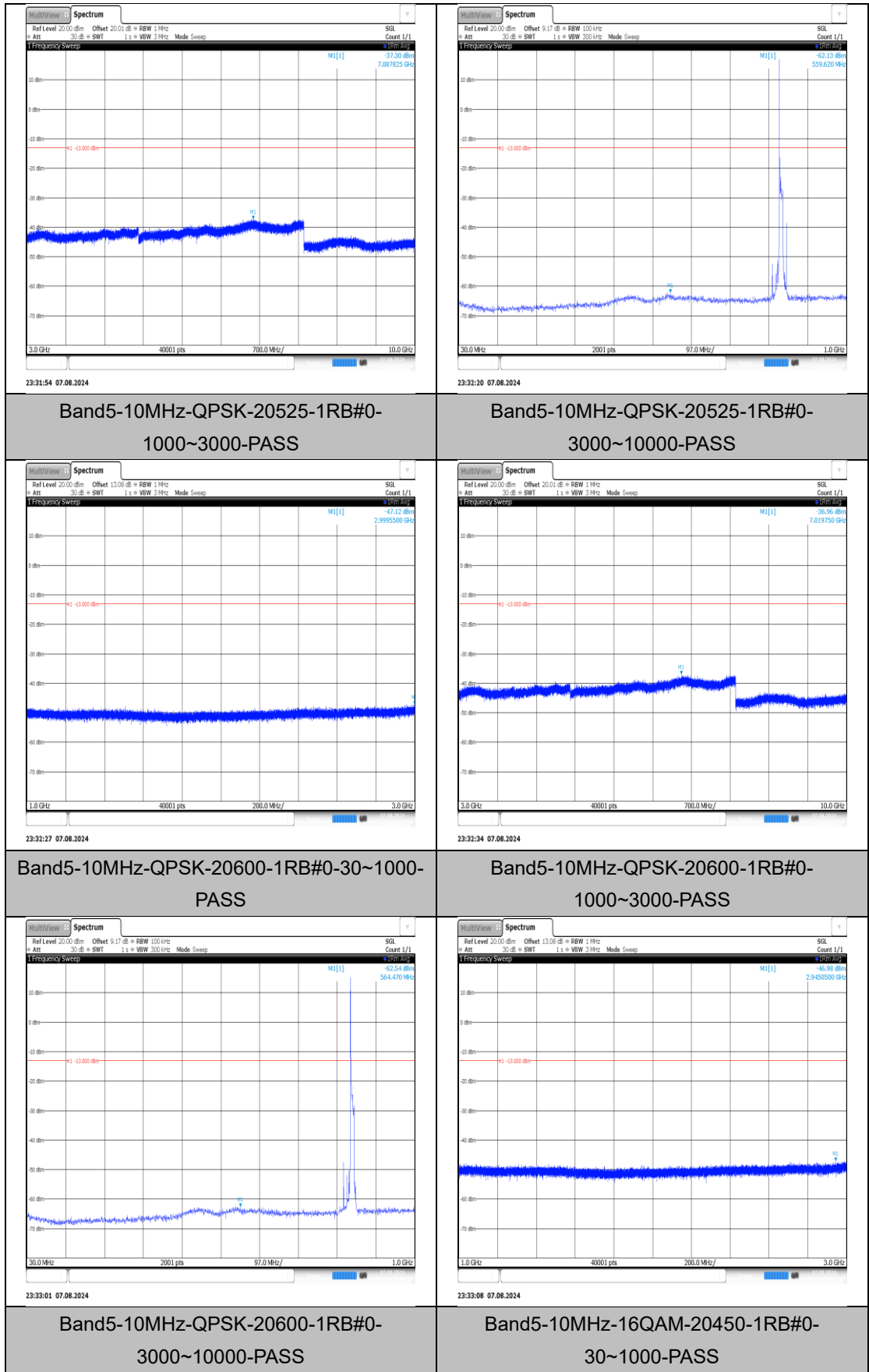


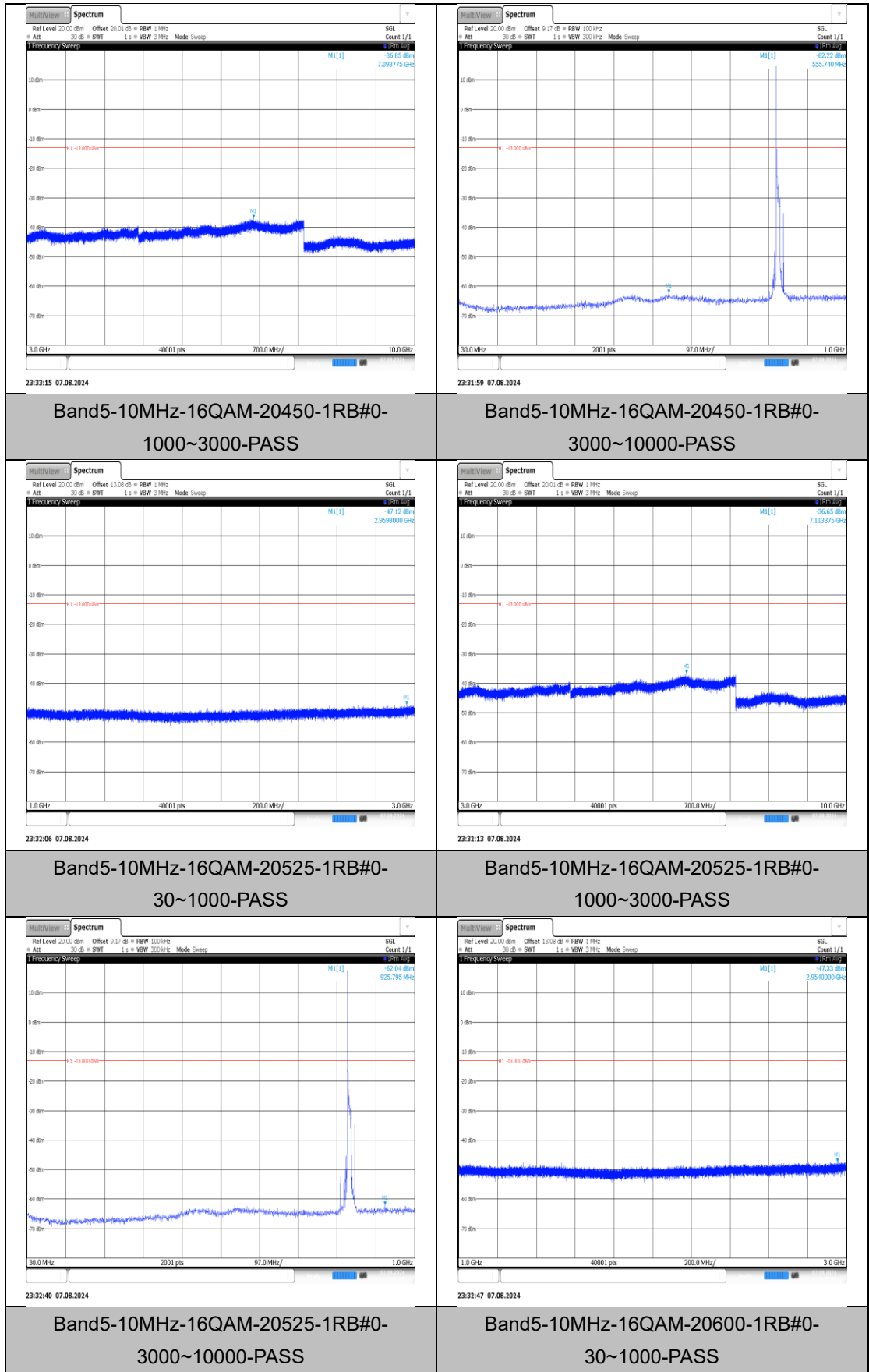


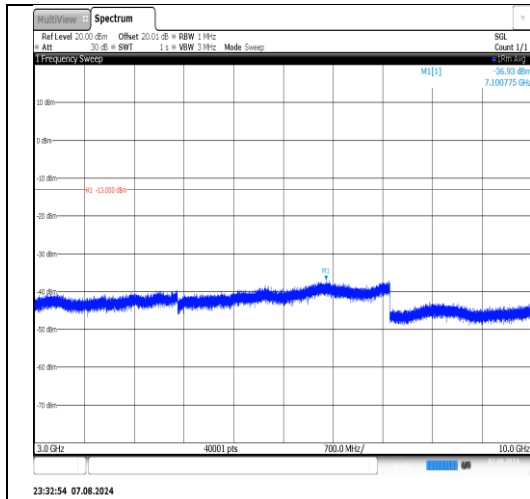




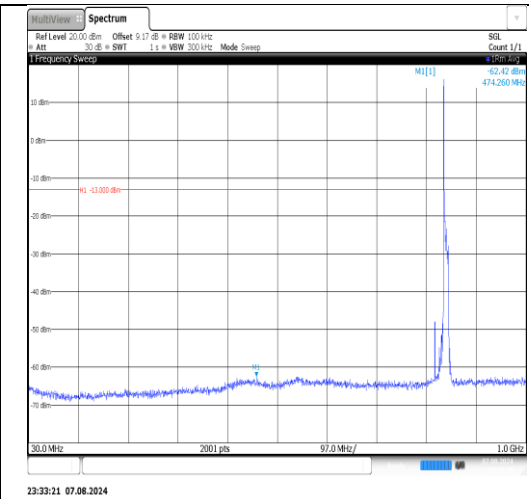




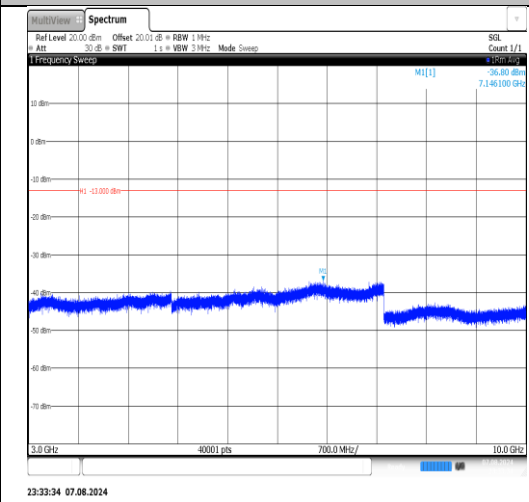
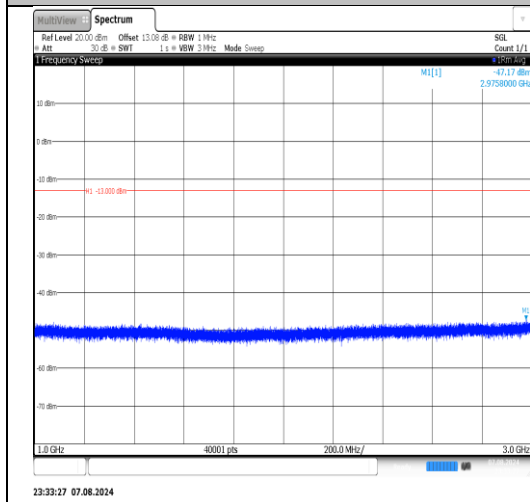




Band5-10MHz-16QAM-20600-1RB#0-
1000~3000-PASS



Band5-10MHz-16QAM-20600-1RB#0-
3000~10000-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	34.88	0.041698	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	45.36	0.054226	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	49.94	0.059701	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	17.41	0.020813	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	22.00	0.026300	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	24.95	0.029827	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	25.65	0.030663	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	26.81	0.032050	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	25.05	0.029946	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	28.82	0.034453	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	30.86	0.036892	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	27.11	0.032409	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	10.41	0.012445	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	13.80	0.016497	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	18.11	0.021650	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	21.72	0.025965	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	25.81	0.030855	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	28.55	0.034130	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	31.09	0.037167	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	34.76	0.041554	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	36.61	0.043766	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	31.19	0.037286	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	33.57	0.040132	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	38.42	0.045929	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	40.31	0.048189	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	43.17	0.051608	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	47.34	0.056593	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	48.69	0.058207	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	50.14	0.059940	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	51.24	0.061255	±2.5	PASS

Band5	5MHz	QPSK	20525	25RB#0	NV	-30	23.57	0.028177	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	18.58	0.022212	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	19.67	0.023515	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	17.97	0.021482	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	16.41	0.019617	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	16.37	0.019570	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	15.32	0.018314	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	15.84	0.018936	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	15.54	0.018577	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	22.09	0.026408	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	21.50	0.025702	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	18.14	0.021686	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	17.04	0.020371	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	12.95	0.015481	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	10.76	0.012863	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	9.56	0.011429	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	10.54	0.012600	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	9.84	0.011763	±2.5	PASS