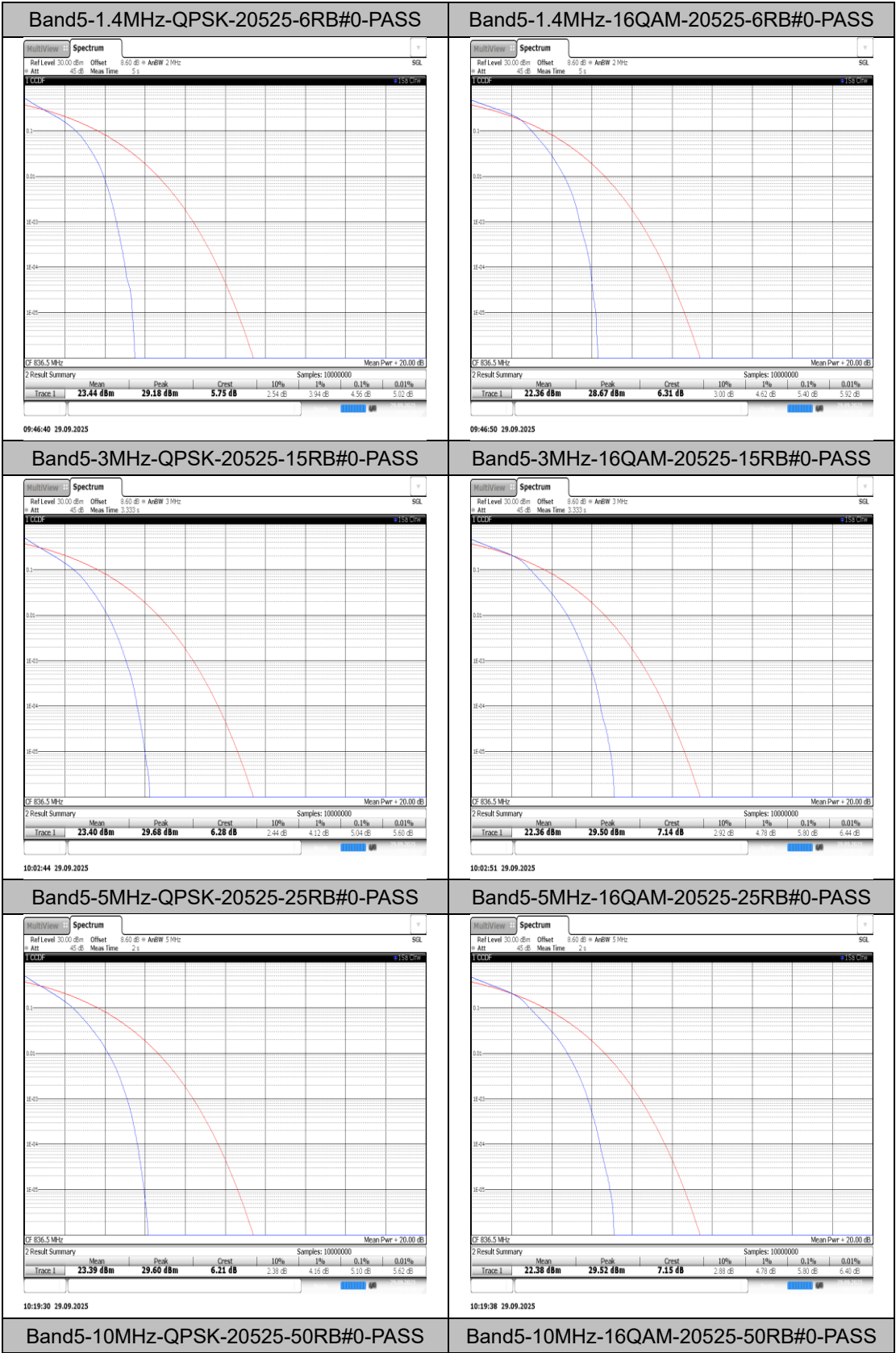


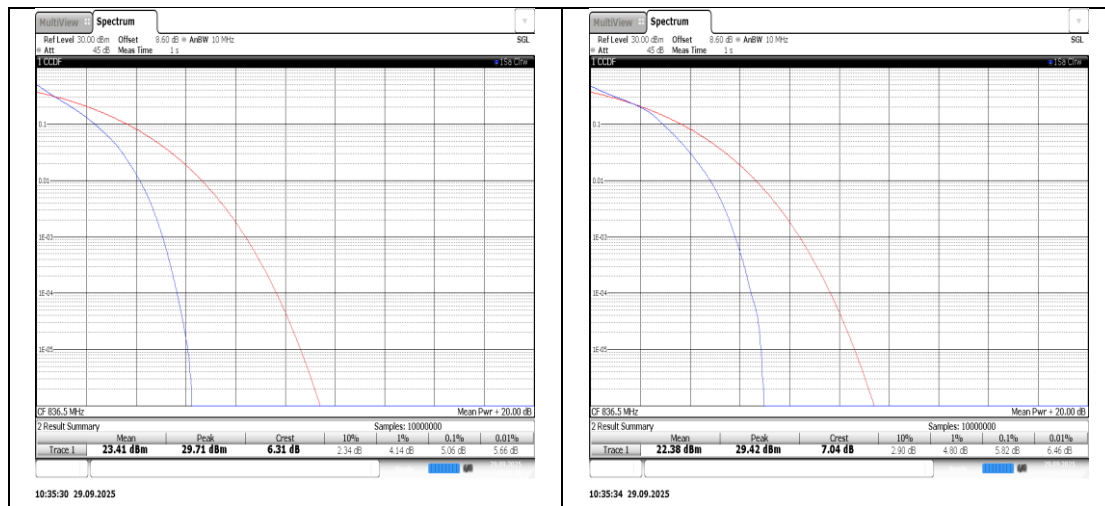
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	4.56	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.40	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.80	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.10	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.80	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.06	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.82	13	PASS

Test Graphs



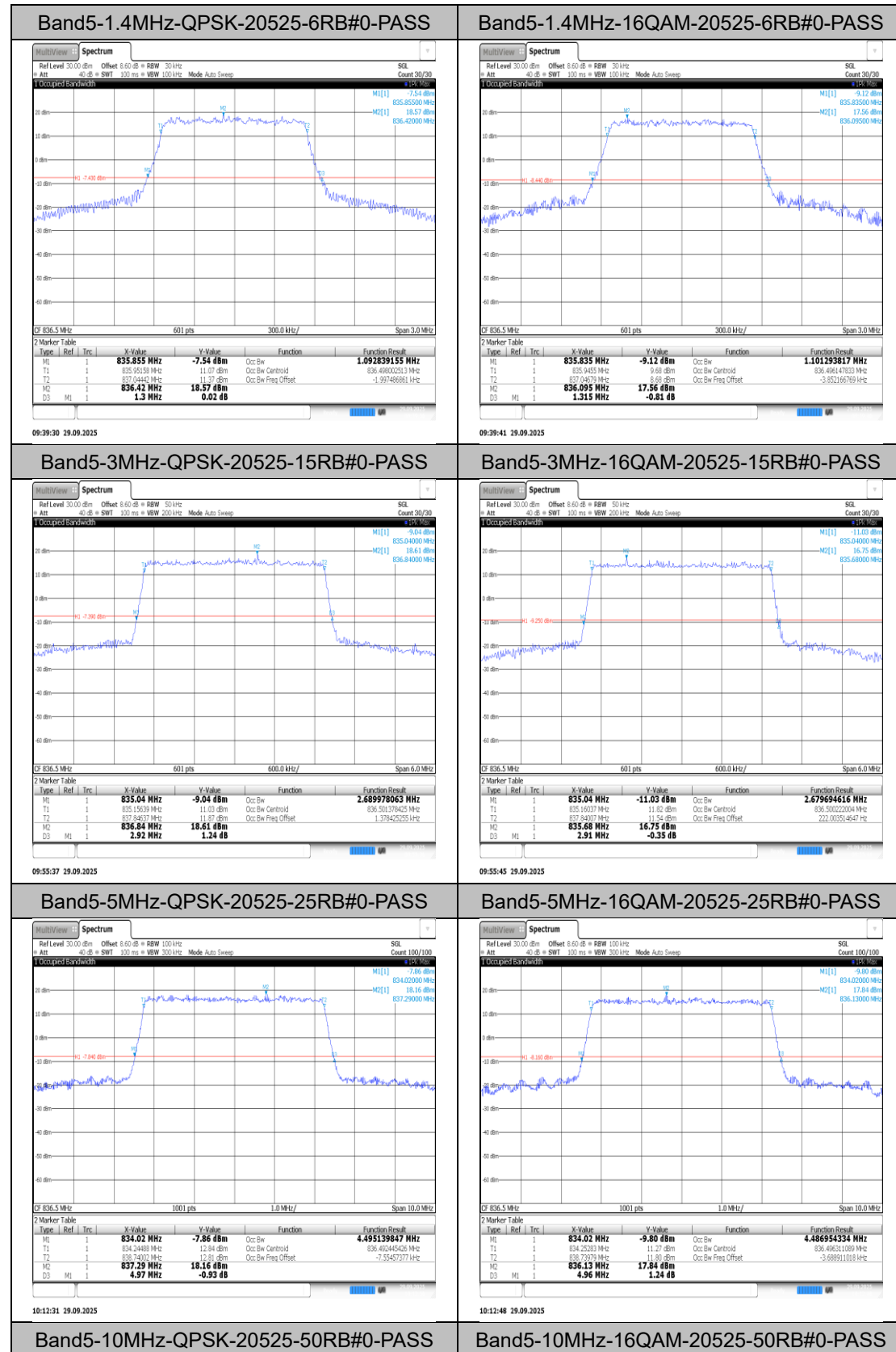


Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.093	1.30	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.101	1.31	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.69	2.92	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.68	2.91	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.495	4.97	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.487	4.96	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.984	9.93	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.993	9.80	PASS

Test Graphs



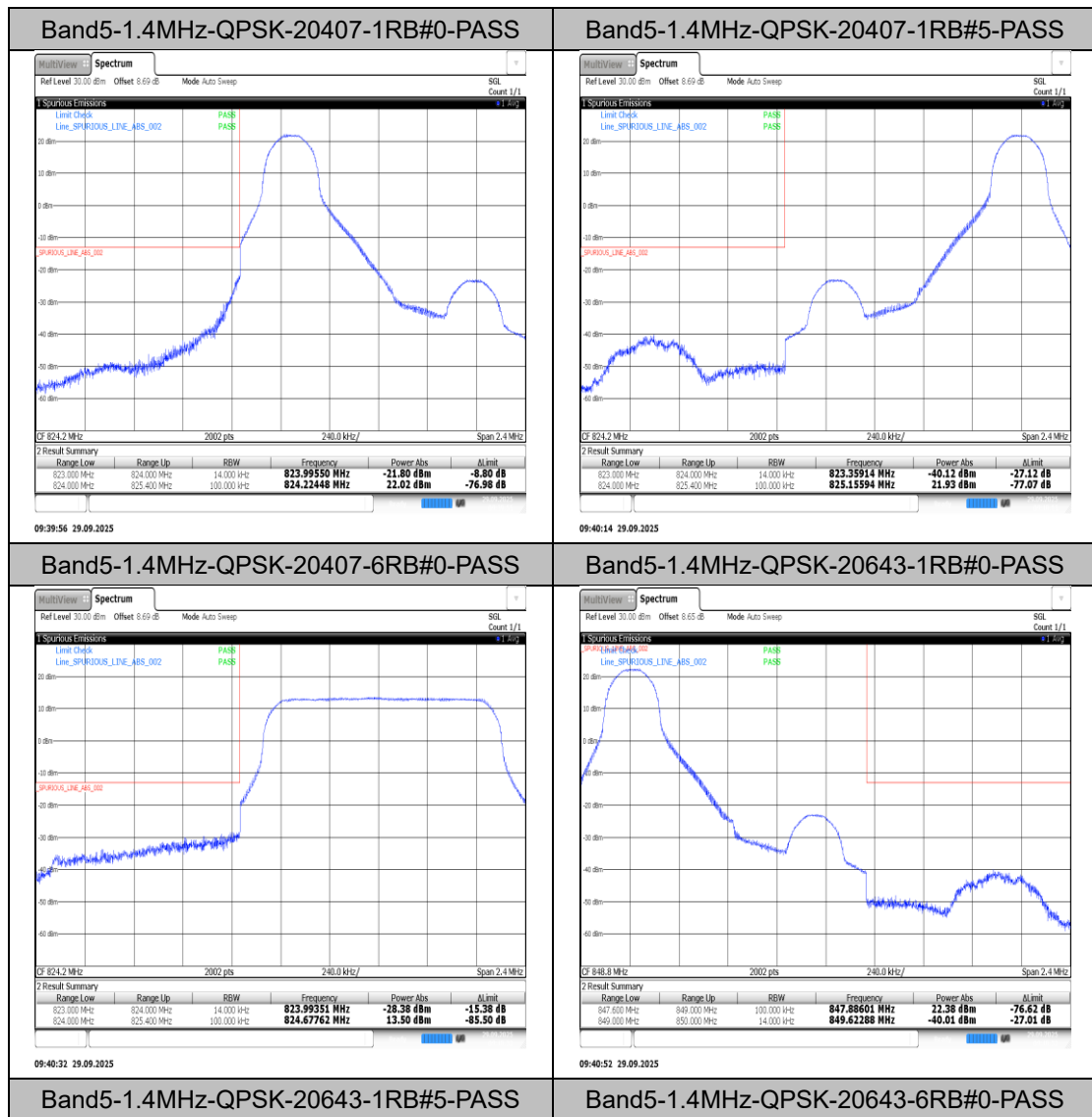
Appendix C: Band Edge

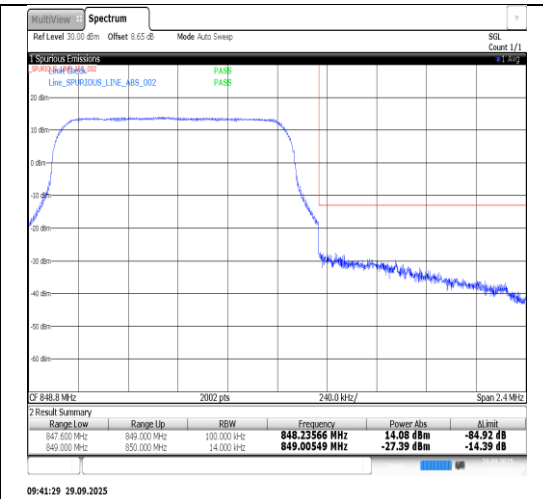
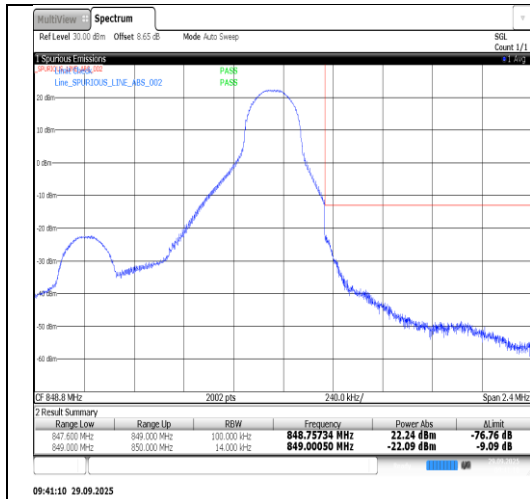
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-21.80	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-40.12	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-28.38	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-40.01	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-22.09	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-23.19	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-42.79	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-23.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-29.68	PASS
Band5	3MHz	QPSK	20415	1RB#0	-18.31	PASS
Band5	3MHz	QPSK	20415	1RB#14	-48.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	-29.32	PASS
Band5	3MHz	QPSK	20635	1RB#0	-49.39	PASS
Band5	3MHz	QPSK	20635	1RB#14	-17.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	-28.63	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.49	PASS
Band5	3MHz	16QAM	20415	1RB#14	-49.60	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.93	PASS
Band5	3MHz	16QAM	20635	1RB#0	-49.62	PASS
Band5	3MHz	16QAM	20635	1RB#14	-19.83	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.16	PASS
Band5	5MHz	QPSK	20425	1RB#0	-18.08	PASS
Band5	5MHz	QPSK	20425	1RB#24	-48.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	-48.27	PASS
Band5	5MHz	QPSK	20625	1RB#24	-18.53	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.21	PASS
Band5	5MHz	16QAM	20425	1RB#0	-20.36	PASS
Band5	5MHz	16QAM	20425	1RB#24	-48.50	PASS
Band5	5MHz	16QAM	20425	25RB#0	-31.14	PASS
Band5	5MHz	16QAM	20625	1RB#0	-48.31	PASS
Band5	5MHz	16QAM	20625	1RB#24	-18.73	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.10	PASS
Band5	10MHz	QPSK	20450	1RB#0	-21.12	PASS

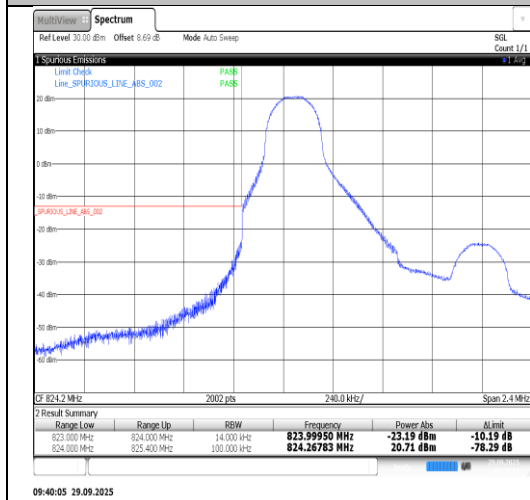
Band5	10MHz	QPSK	20450	1RB#49	-47.39	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.31	PASS
Band5	10MHz	QPSK	20600	1RB#0	-48.04	PASS
Band5	10MHz	QPSK	20600	1RB#49	-20.96	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.70	PASS
Band5	10MHz	16QAM	20450	1RB#0	-21.85	PASS
Band5	10MHz	16QAM	20450	1RB#49	-47.67	PASS
Band5	10MHz	16QAM	20450	50RB#0	-32.68	PASS
Band5	10MHz	16QAM	20600	1RB#0	-48.42	PASS
Band5	10MHz	16QAM	20600	1RB#49	-22.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.79	PASS

Test Graphs

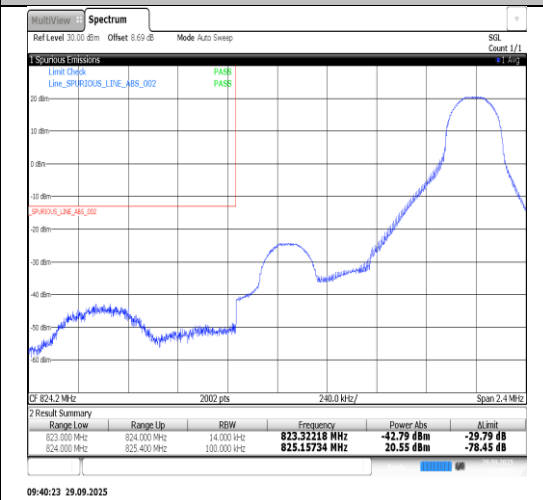




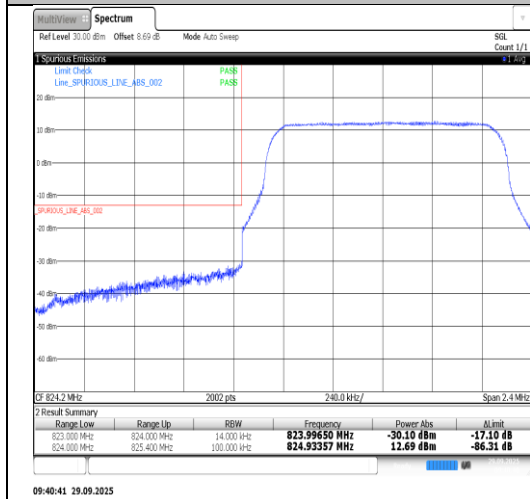
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



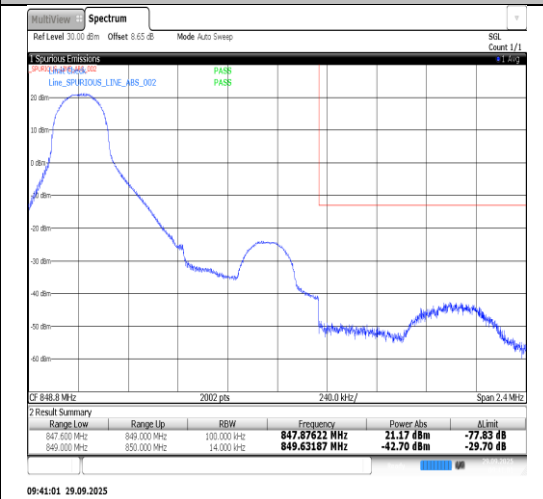
Band5-1.4MHz-16QAM-20407-1RB#5-PASS



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

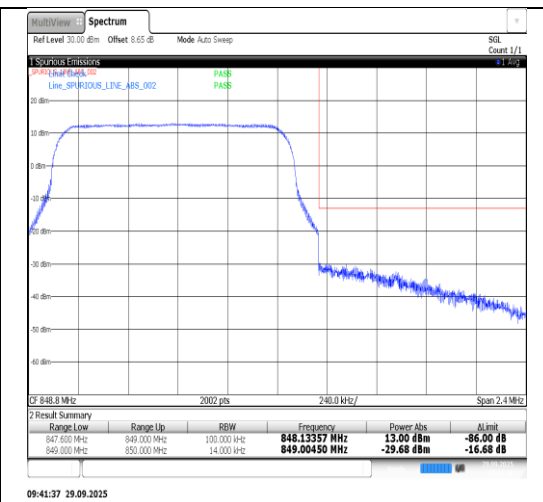
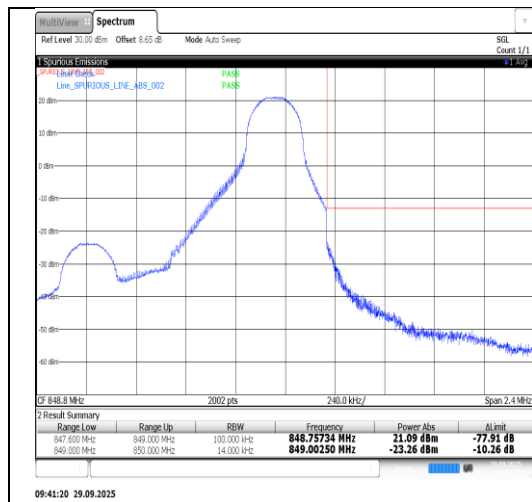


Band5-1.4MHz-16QAM-20643-1RB#0-PASS



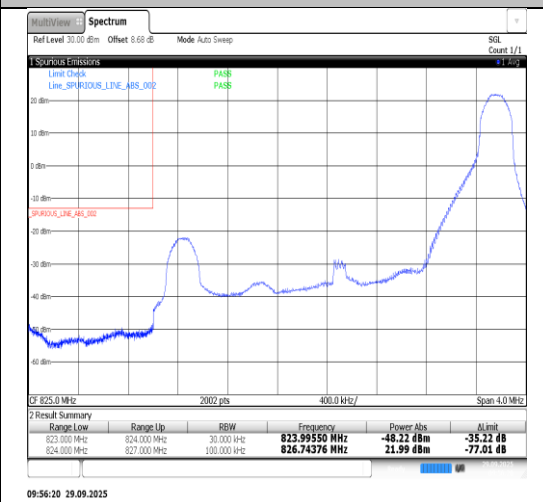
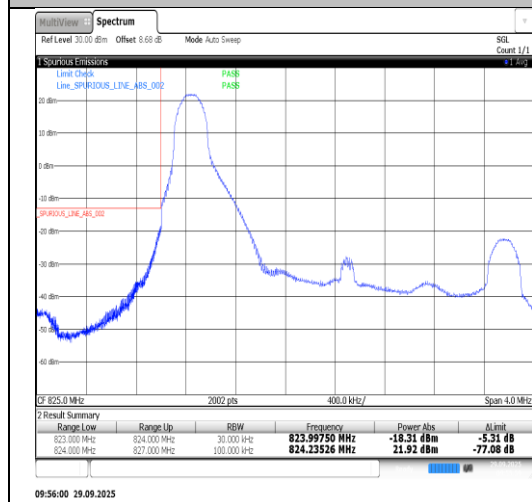
Band5-1.4MHz-16QAM-20643-1RB#5-PASS

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



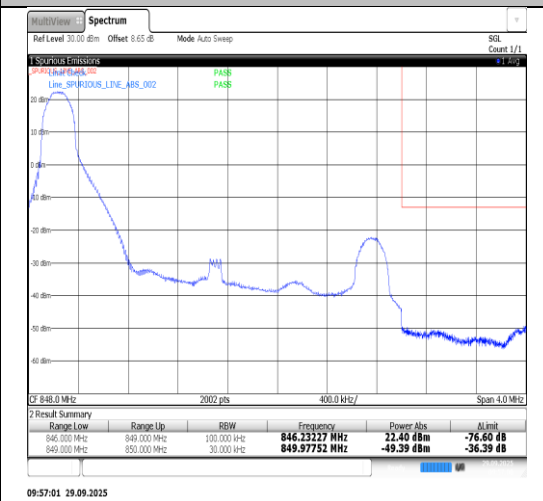
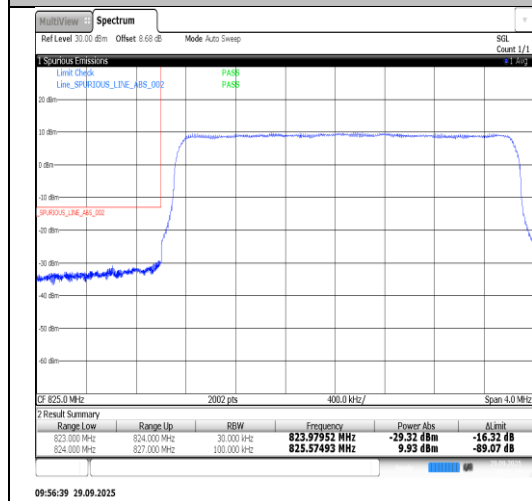
Band5-3MHz-QPSK-20415-1RB#0-PASS

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



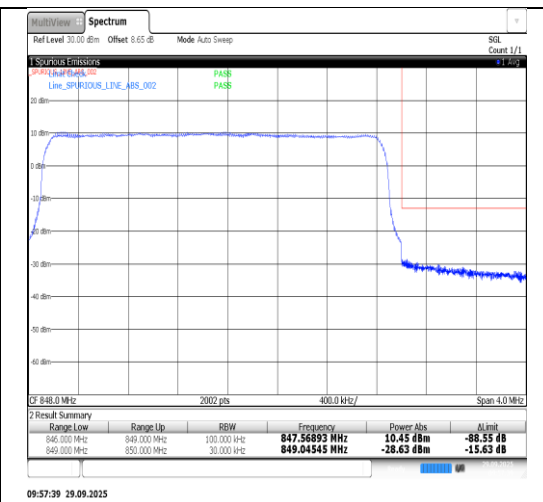
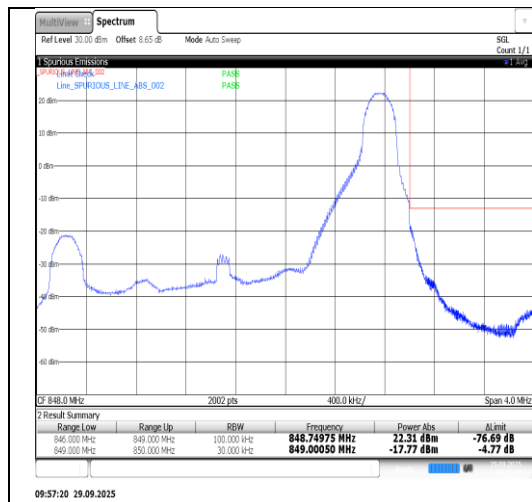
Band5-3MHz-QPSK-20415-15RB#0-PASS

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



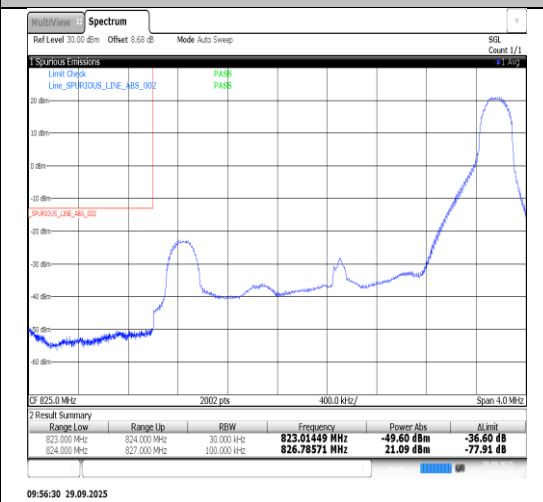
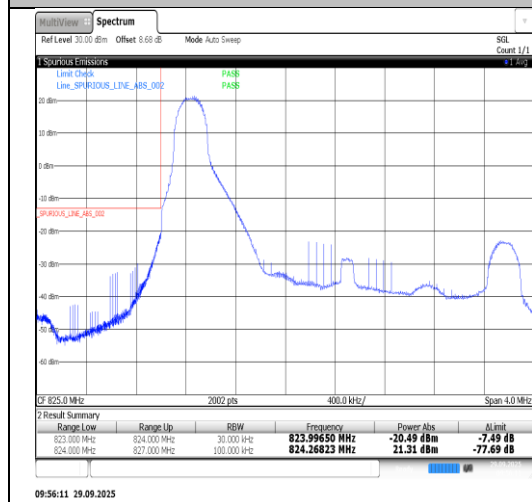
Band5-3MHz-QPSK-20635-1RB#14-PASS

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



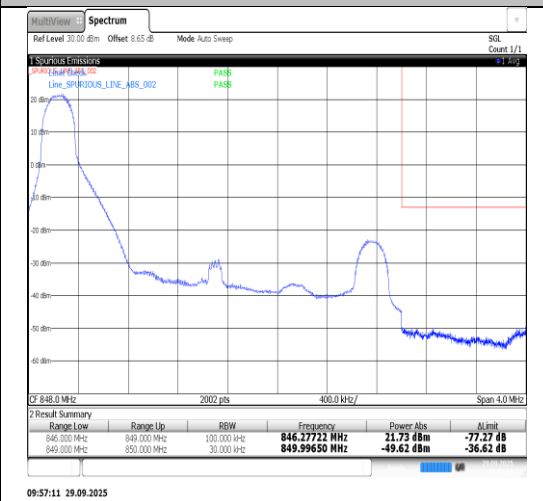
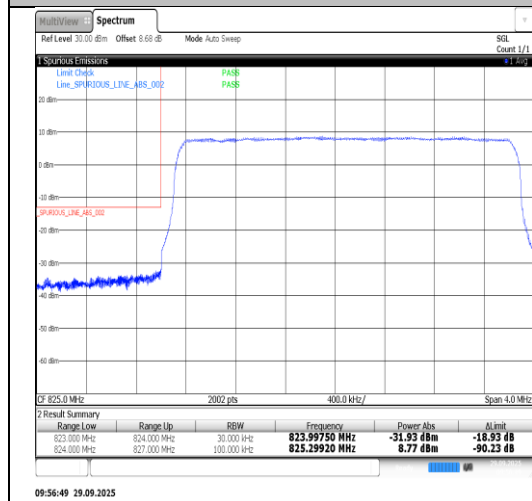
Band5-3MHz-16QAM-20415-1RB#0-PASS

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



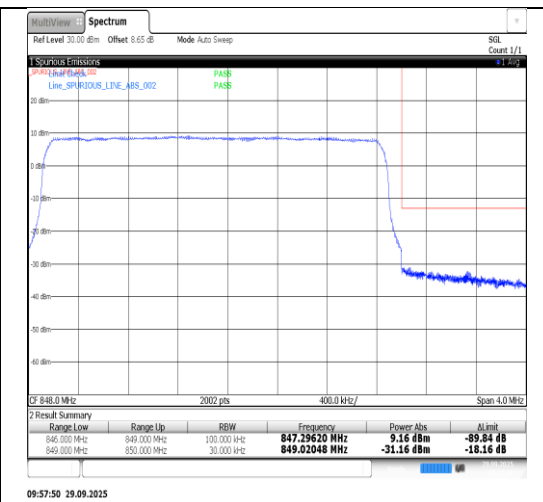
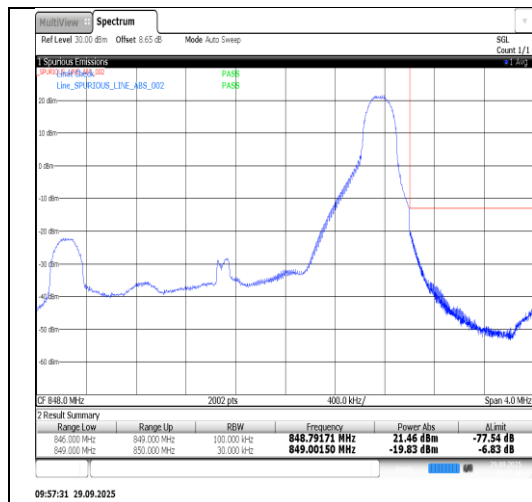
Band5-3MHz-16QAM-20415-15RB#0-PASS

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



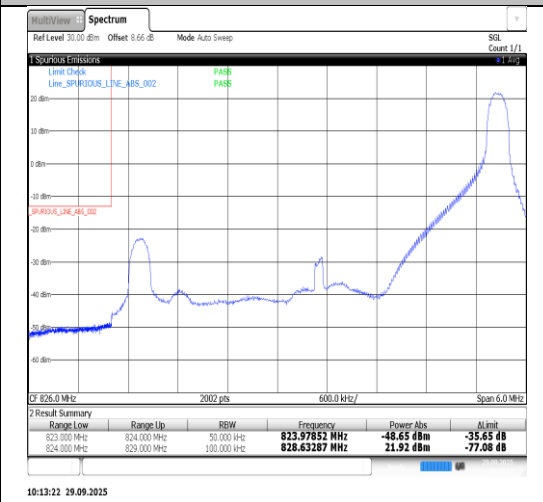
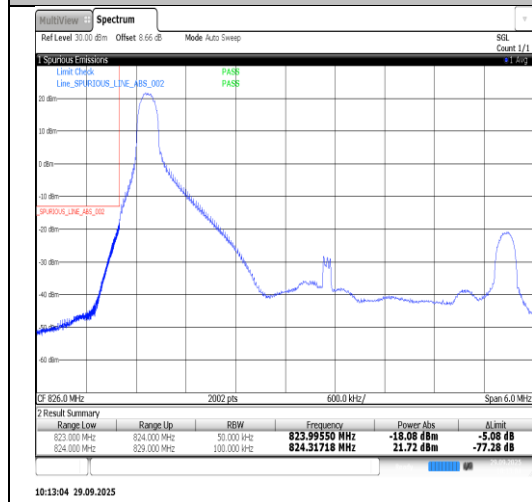
Band5-3MHz-16QAM-20635-1RB#14-PASS

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



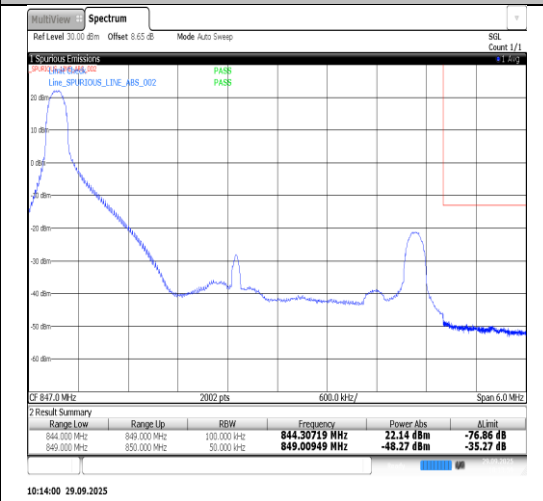
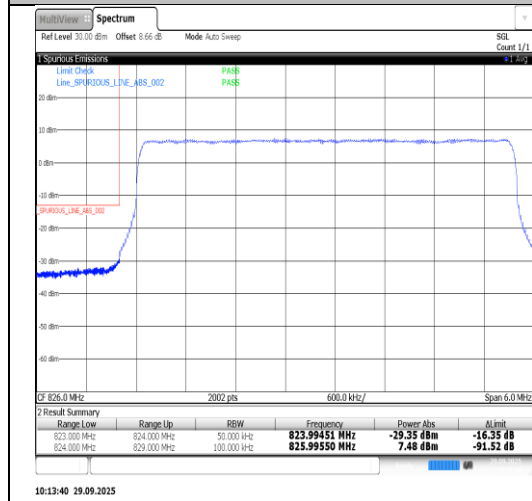
Band5-5MHz-QPSK-20425-1RB#0-PASS

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



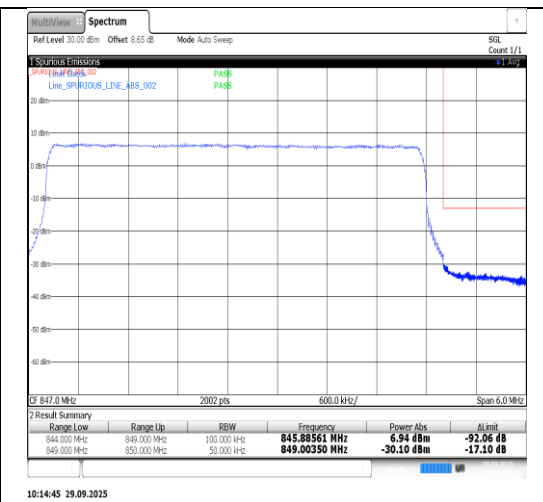
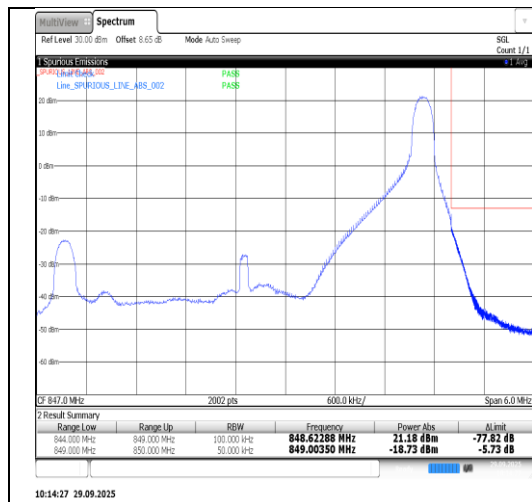
Band5-5MHz-QPSK-20425-25RB#0-PASS

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



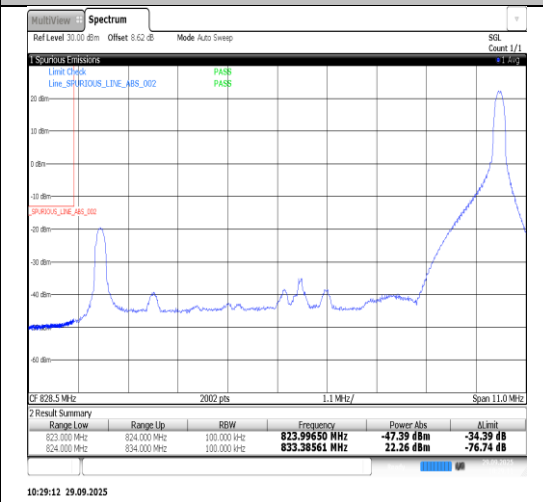
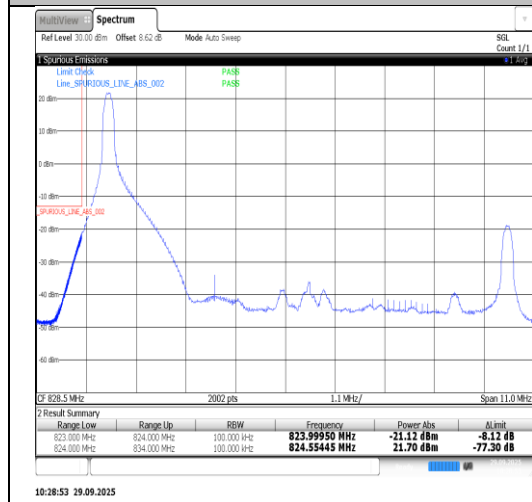
Band5-5MHz-QPSK-20625-1RB#24-PASS

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



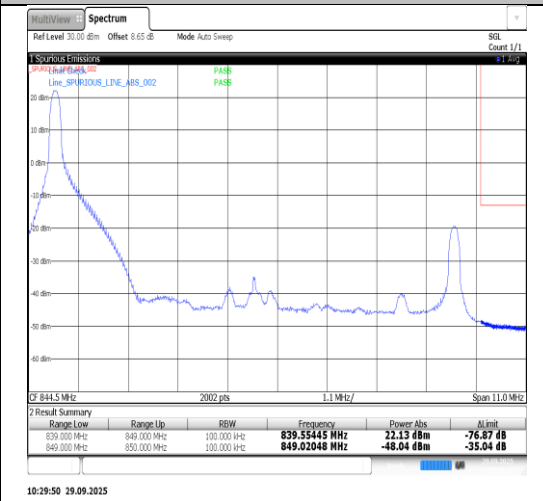
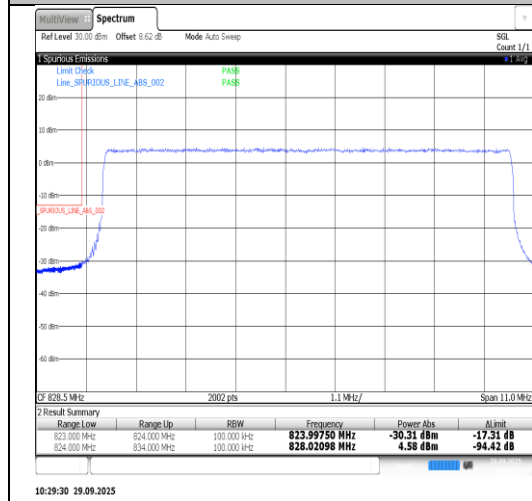
Band5-10MHz-QPSK-20450-1RB#0-PASS

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



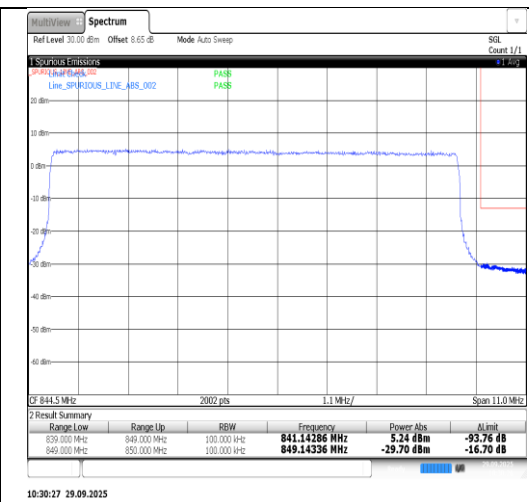
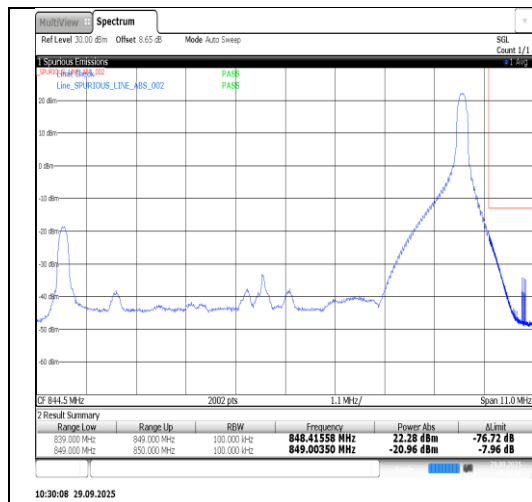
Band5-10MHz-QPSK-20450-50RB#0-PASS

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



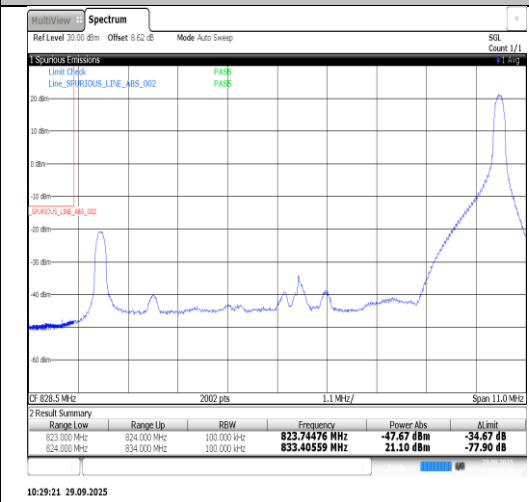
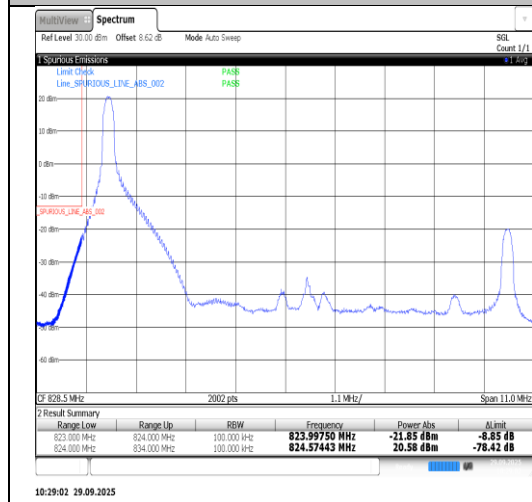
Band5-10MHz-QPSK-20600-1RB#49-PASS

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



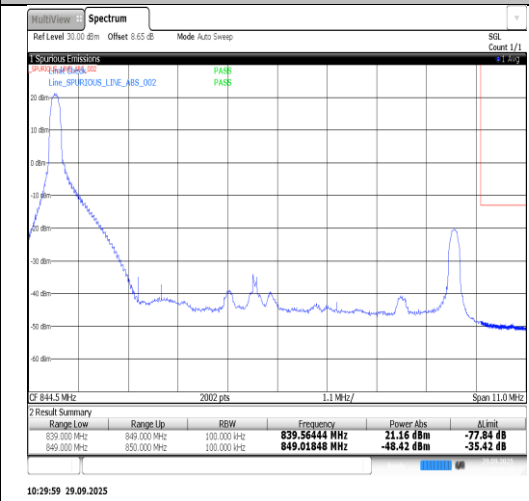
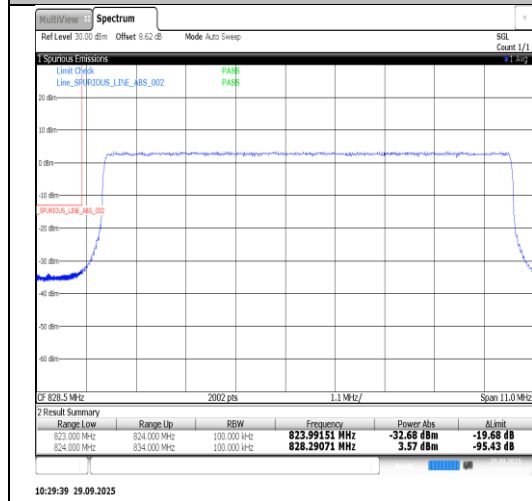
Band5-10MHz-16QAM-20450-1RB#0-PASS

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



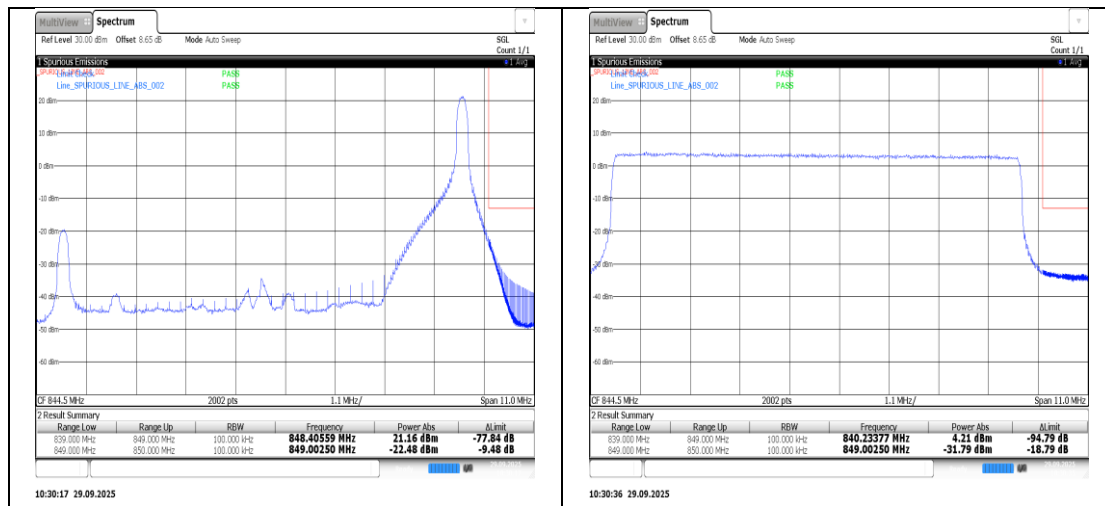
Band5-10MHz-16QAM-20450-50RB#0-PASS

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



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

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



Appendix D: Conducted Spurious Emission

Test Result

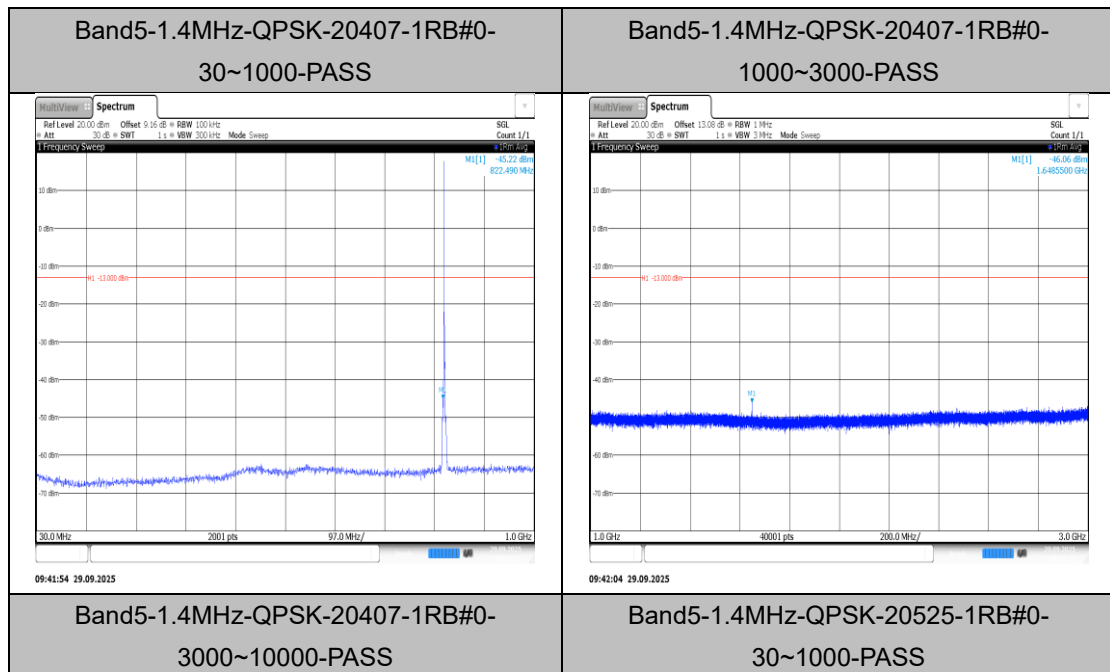
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	- 45.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	- 46.06	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	- 25.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	- 62.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	- 43.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	- 30.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	- 38.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	- 44.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	- 32.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	- 46.88	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	- 46.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	- 25.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	- 62.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	- 43.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	- 30.58	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	- 41.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	- 45.63	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	- 32.97	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-	PASS

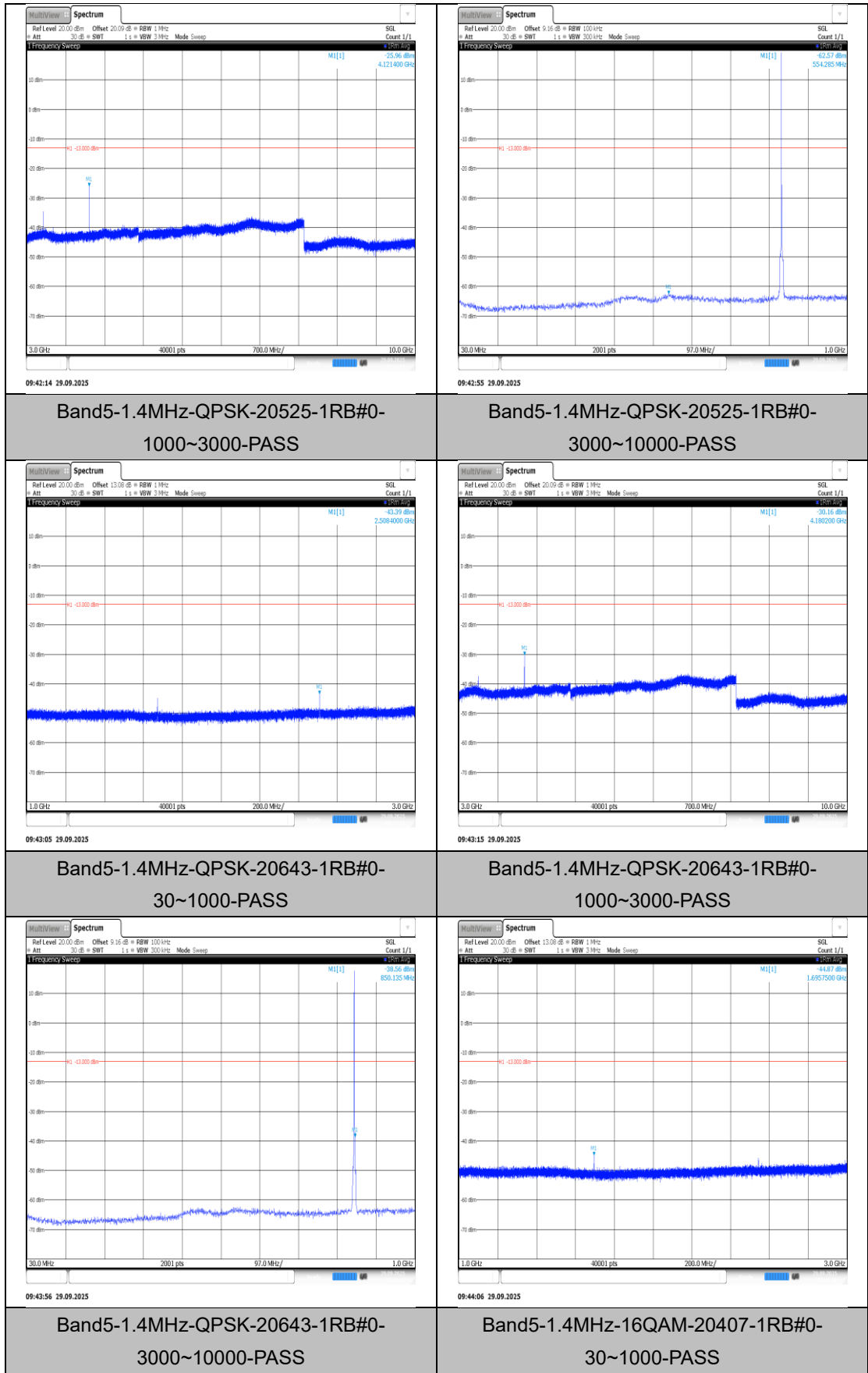
						43.96	
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	- 45.68	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	- 25.48	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	- 57.90	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	- 44.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	- 28.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	- 34.01	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	- 45.02	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	- 32.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	- 46.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	- 45.89	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	- 26.31	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	- 62.44	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	- 43.89	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	- 30.23	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	- 36.55	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	- 45.73	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	- 33.46	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	- 43.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	- 45.80	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	- 26.16	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	- 62.09	PASS

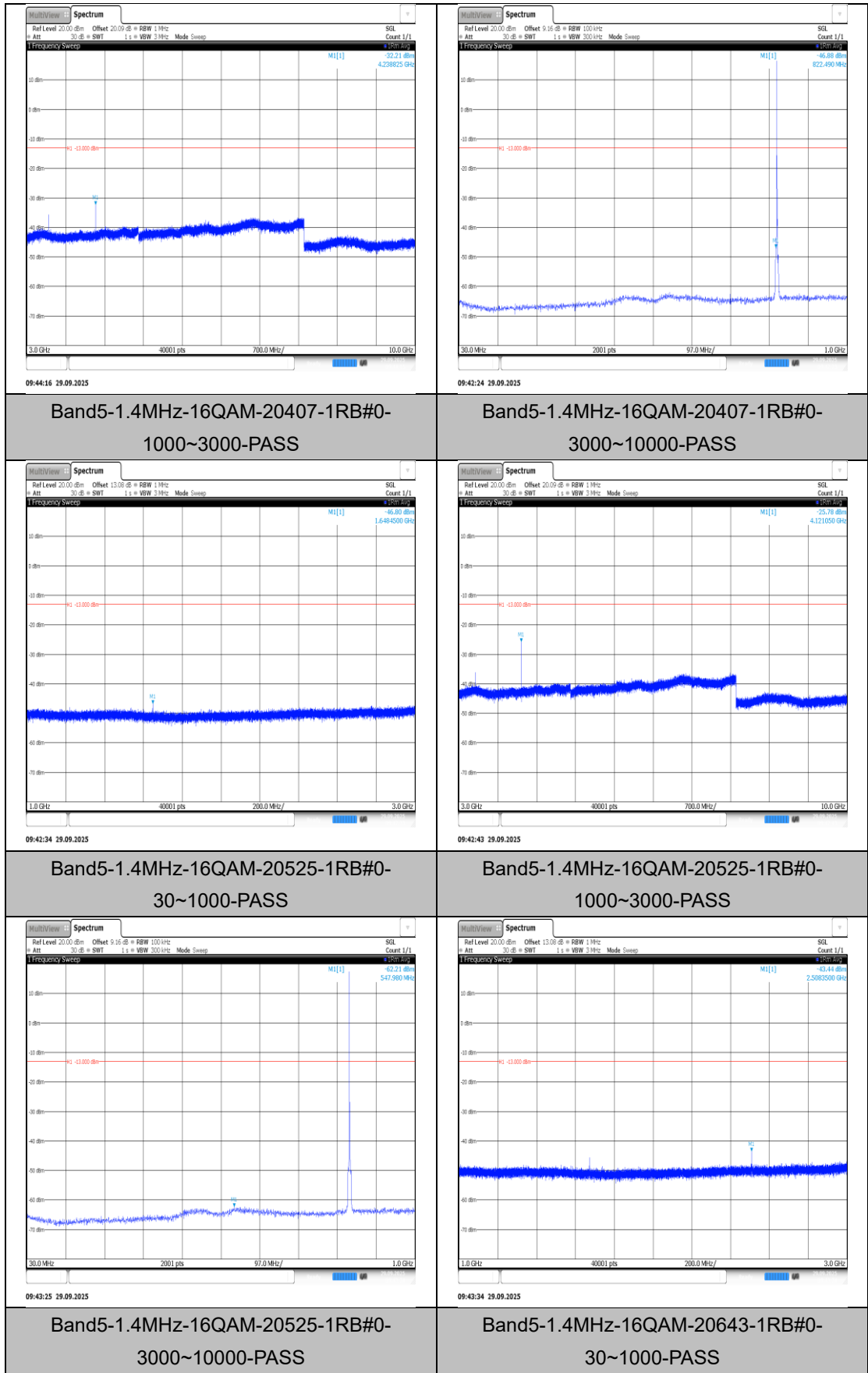
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	- 43.96	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	- 29.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	- 35.25	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	- 44.25	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	- 31.28	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	- 42.74	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	- 46.40	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	- 26.69	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	- 61.71	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	- 45.56	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	- 27.60	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	- 35.81	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	- 46.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	- 34.00	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	- 45.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	- 45.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	- 25.86	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	- 36.95	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	- 47.01	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	- 26.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	- 44.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	- 44.68	PASS

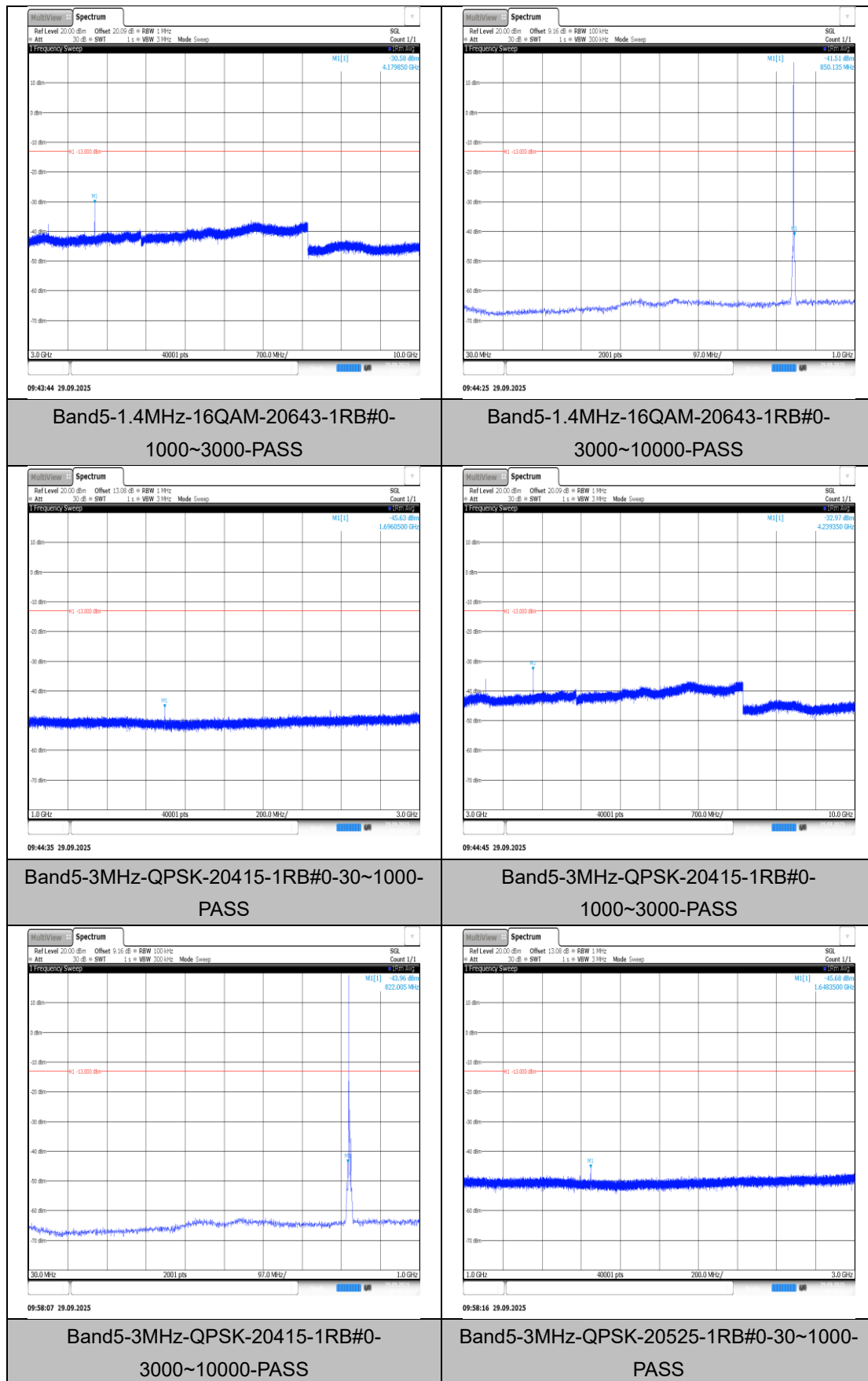
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	- 30.09	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	- 47.51	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	- 45.86	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	- 26.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	- 40.92	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	- 46.87	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	- 25.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	- 46.42	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	- 44.48	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	- 30.40	PASS

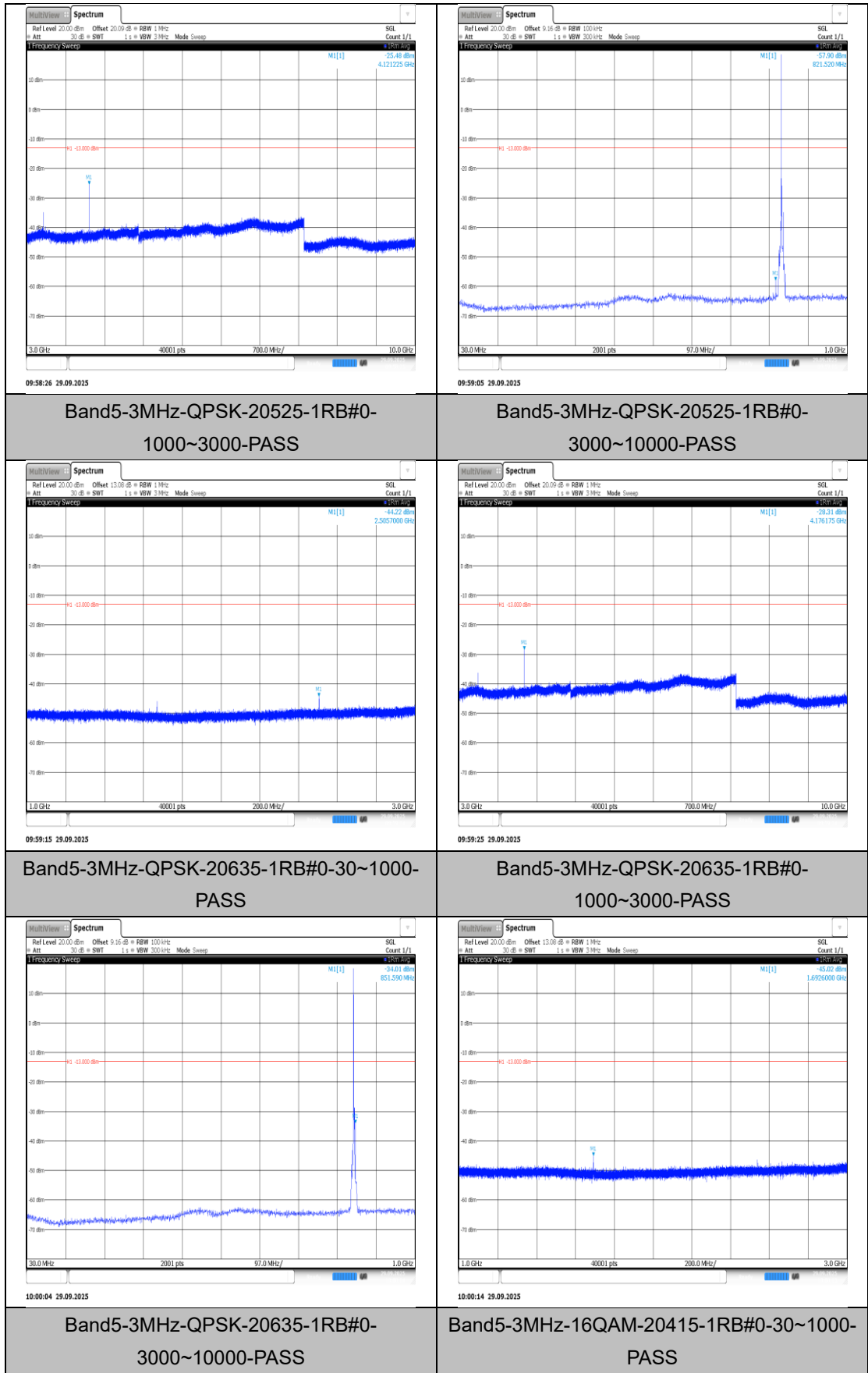
Test Graphs

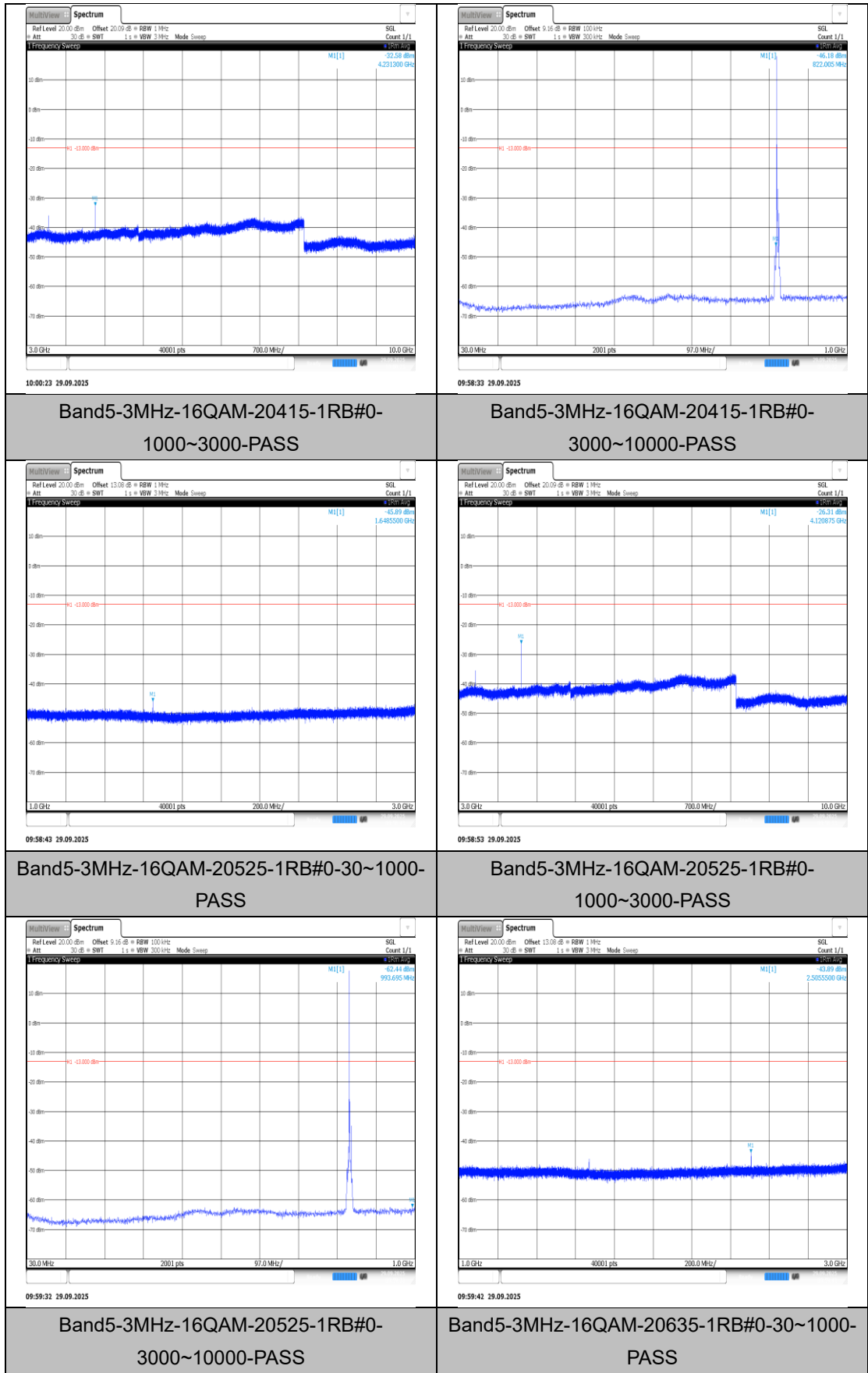


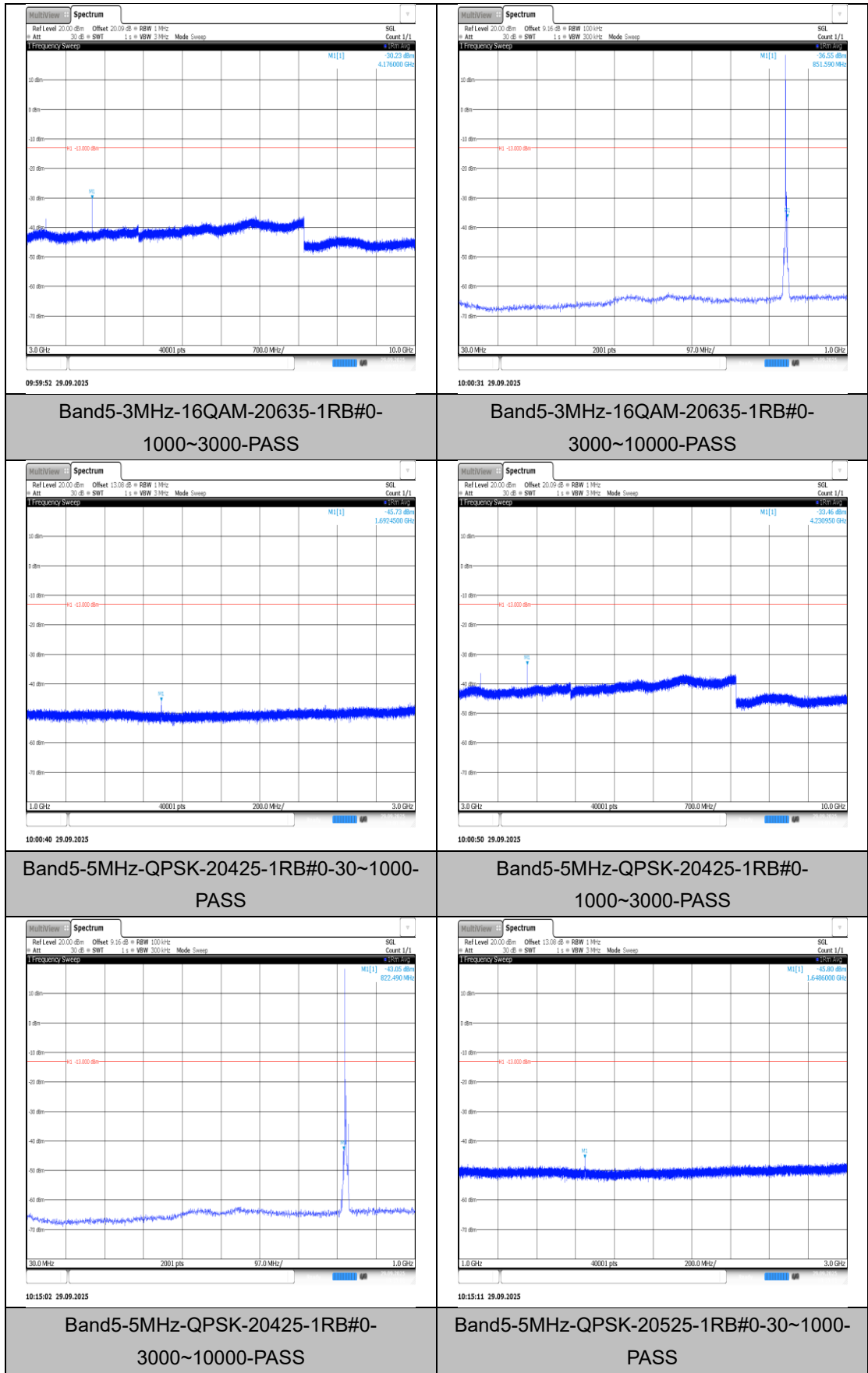


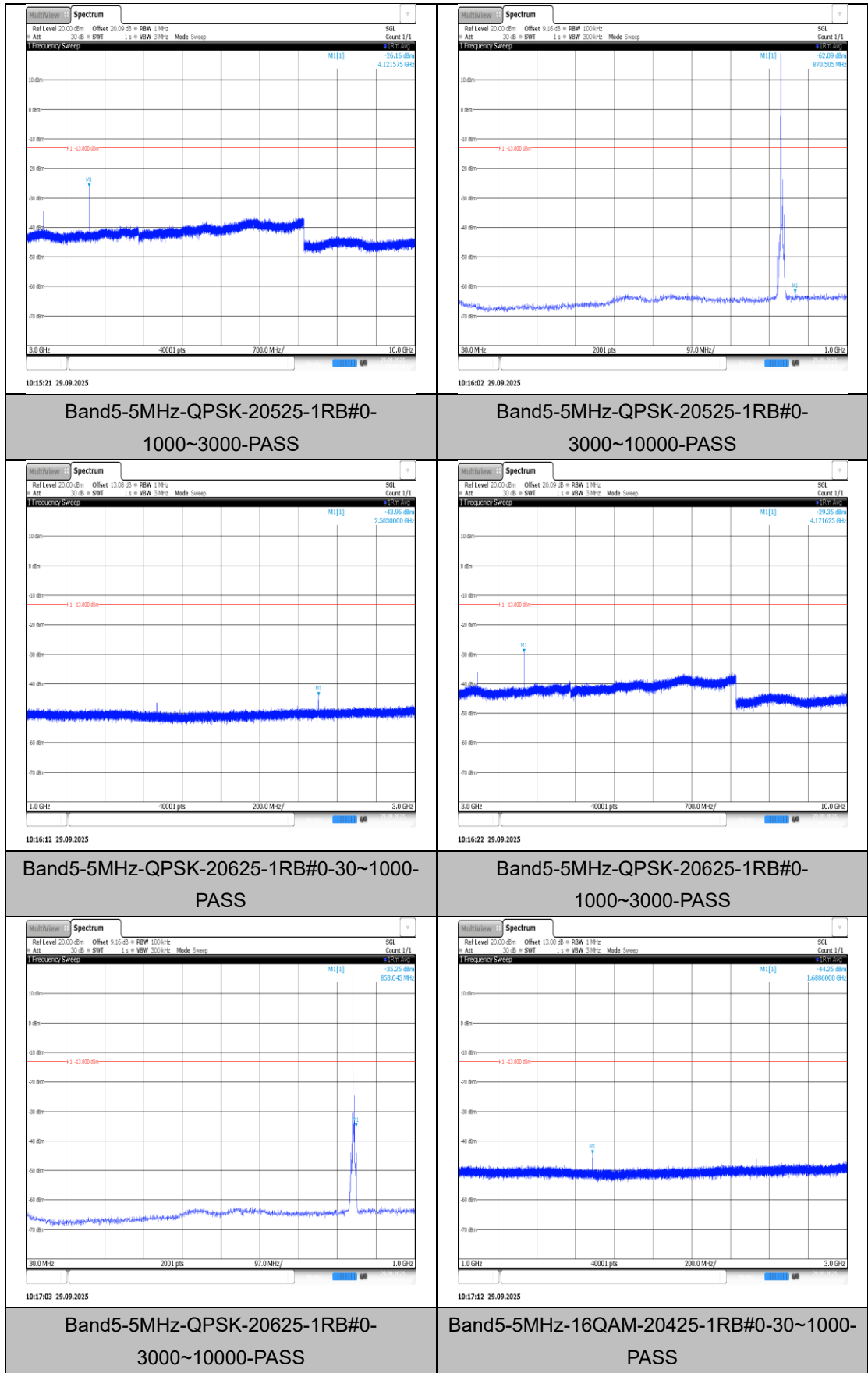


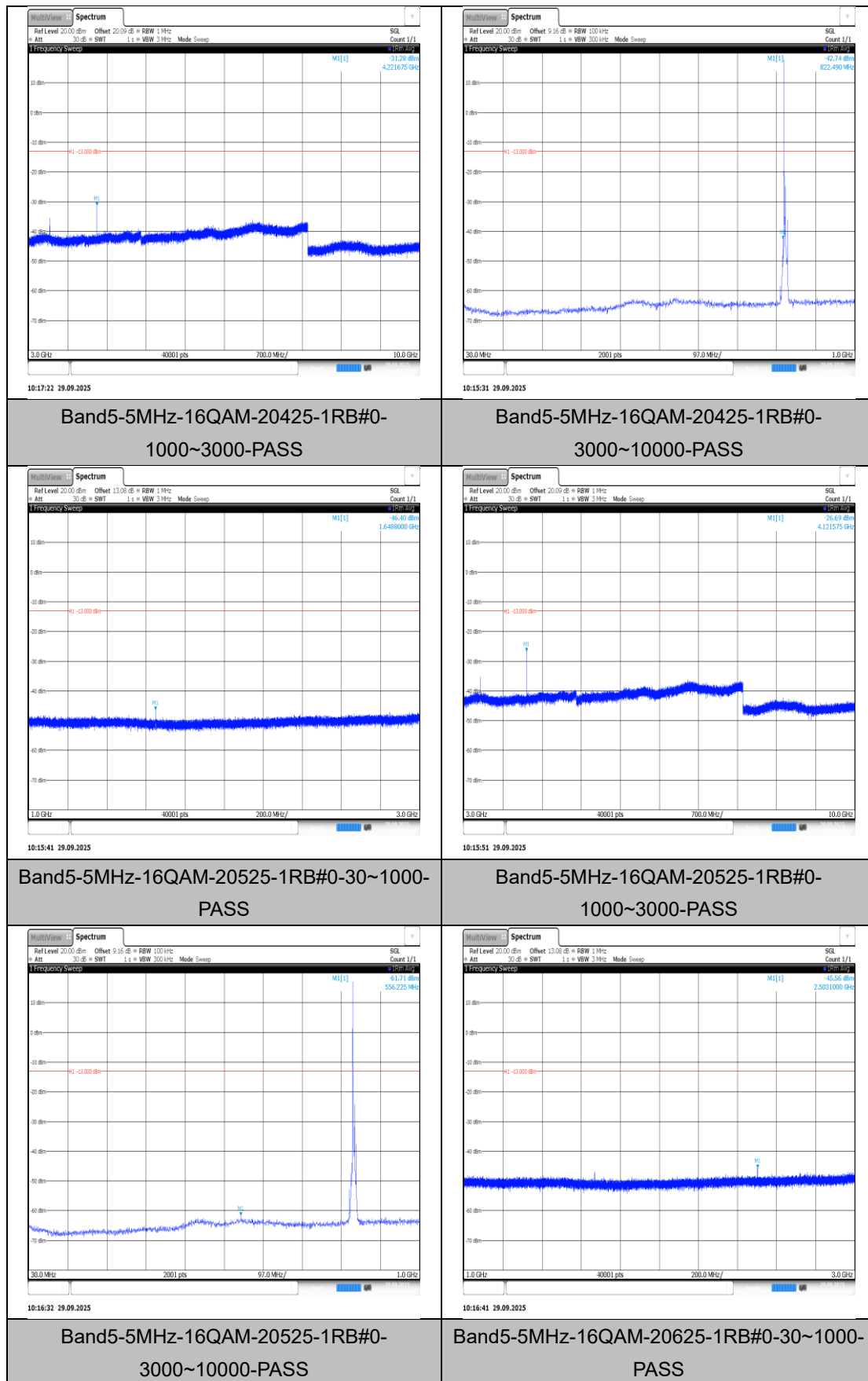


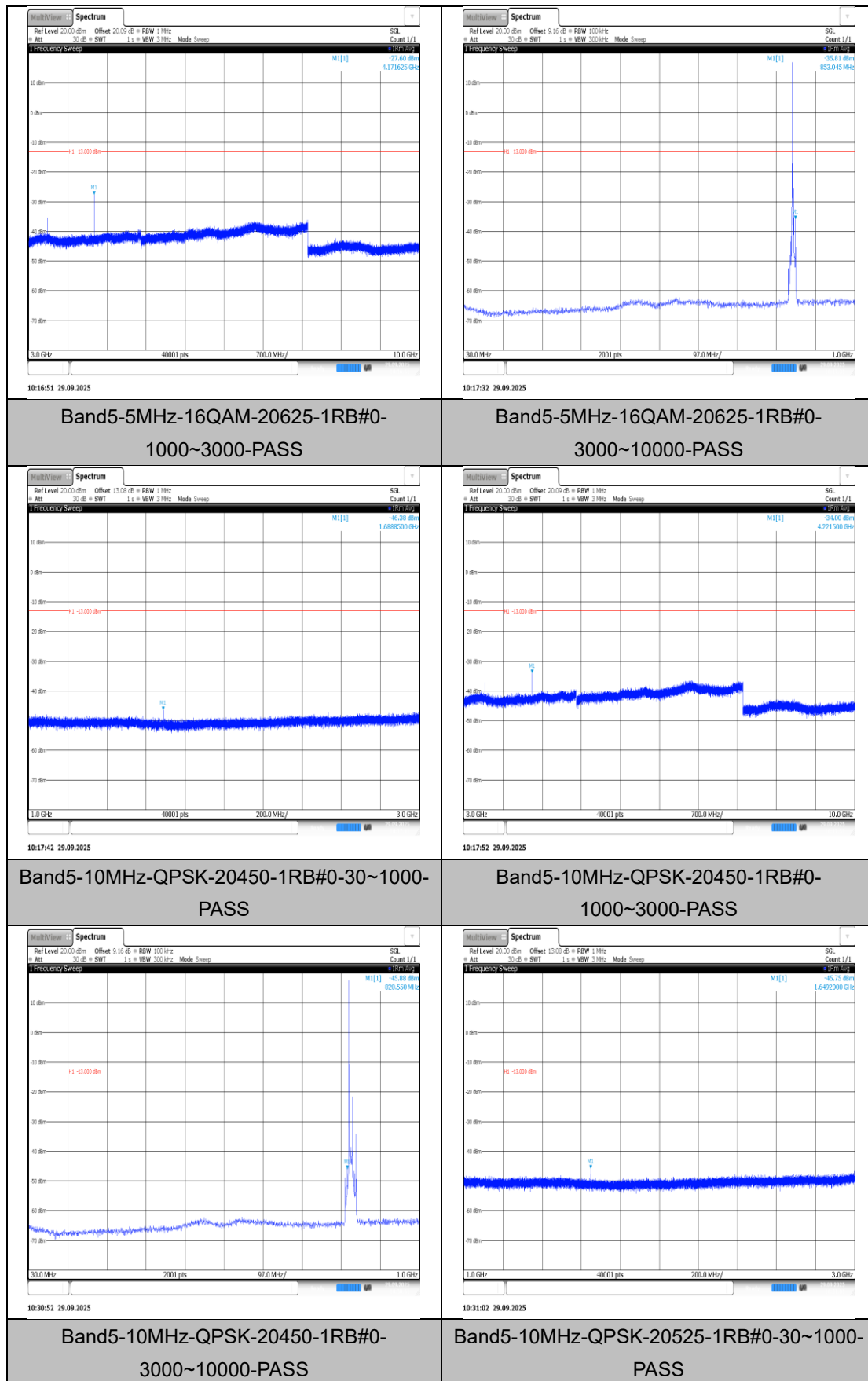


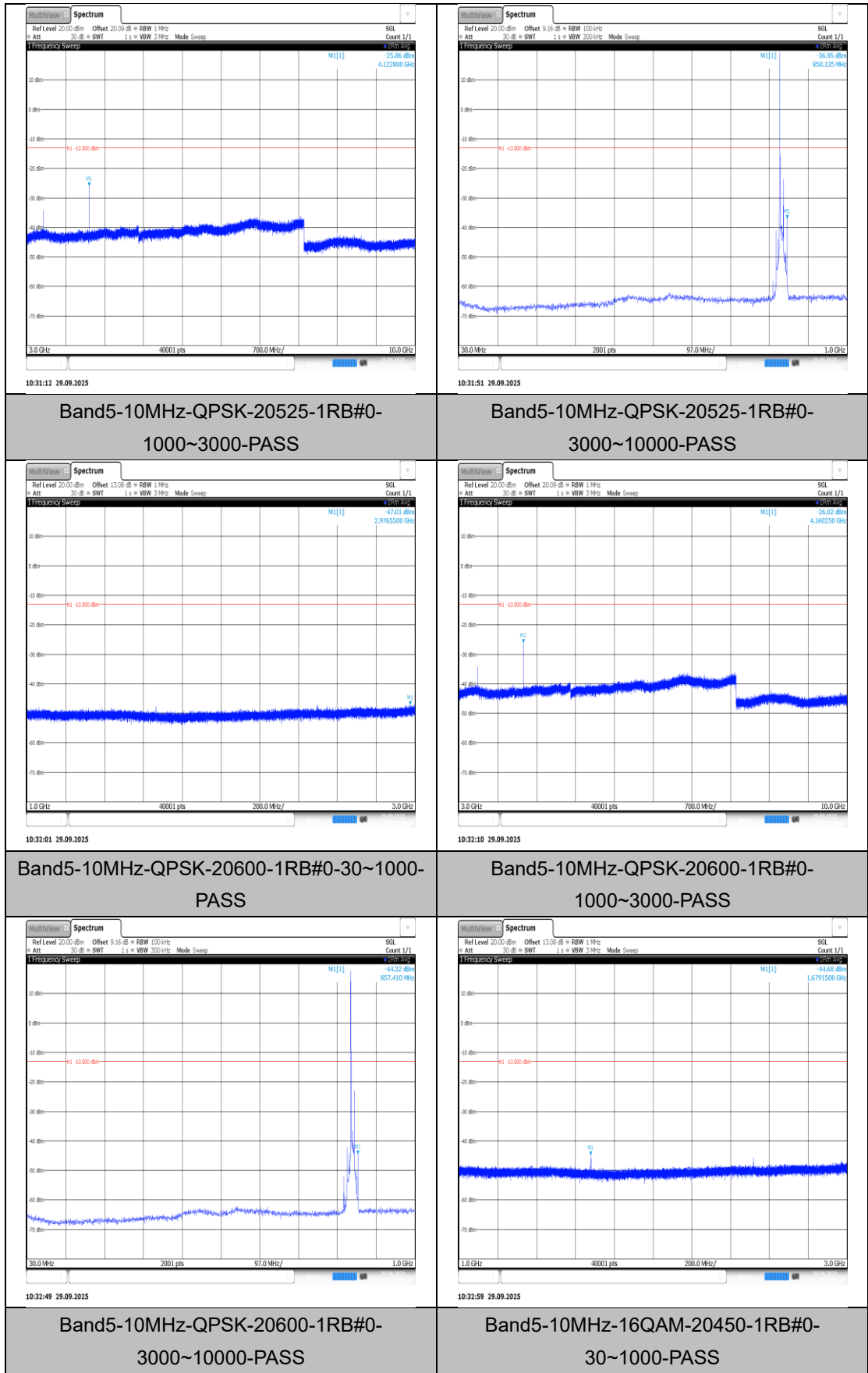


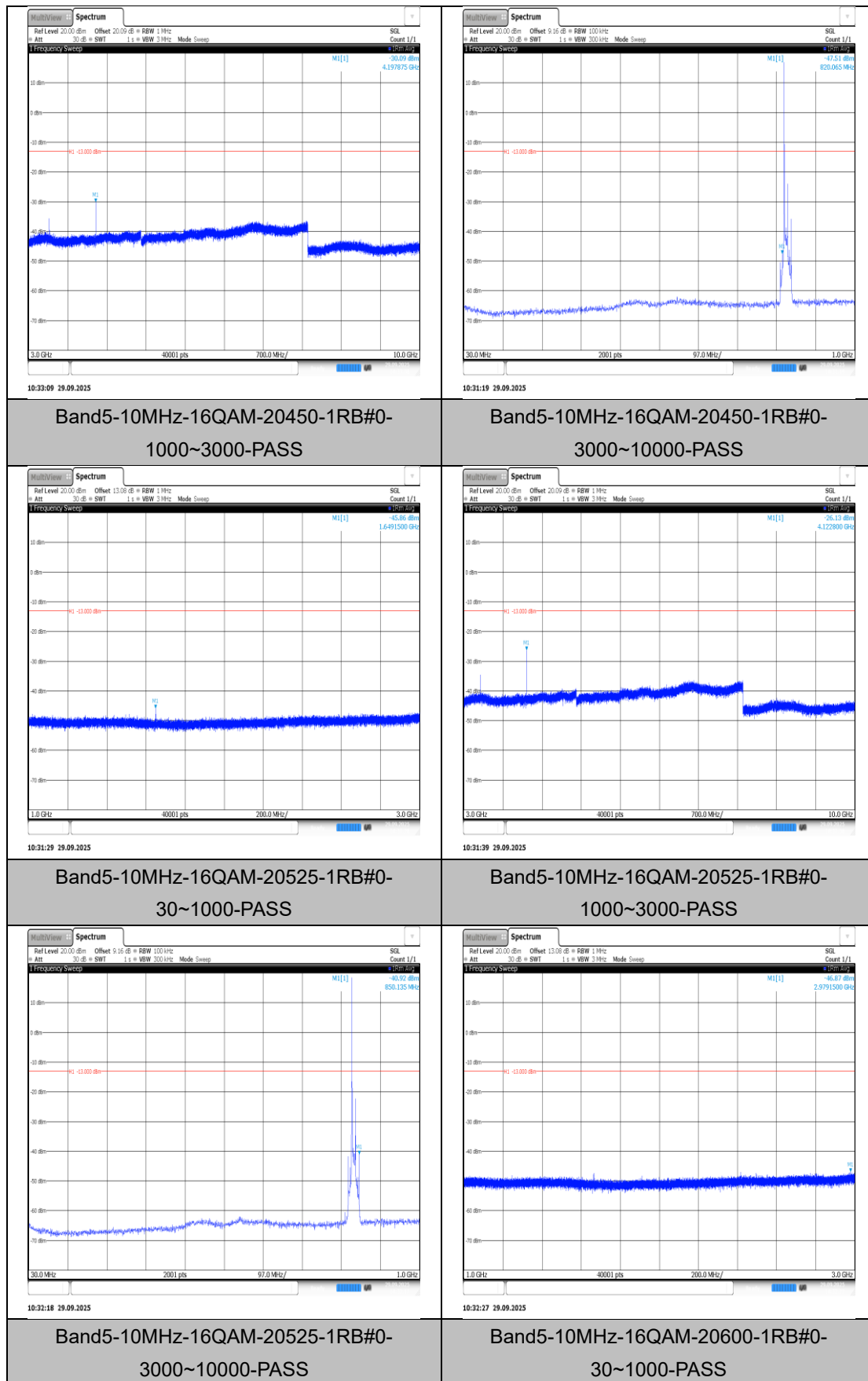


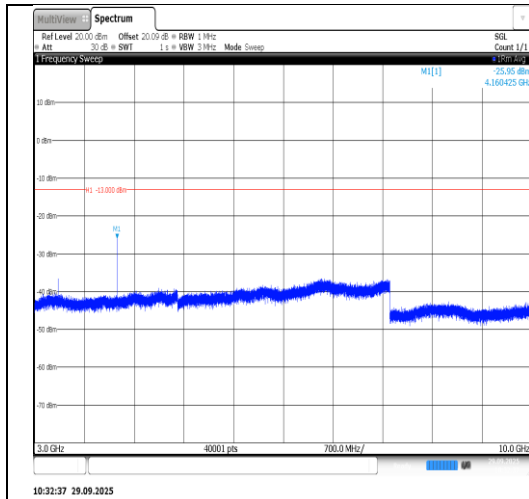




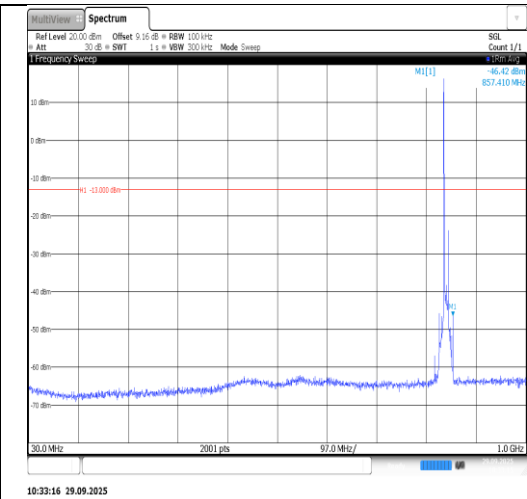




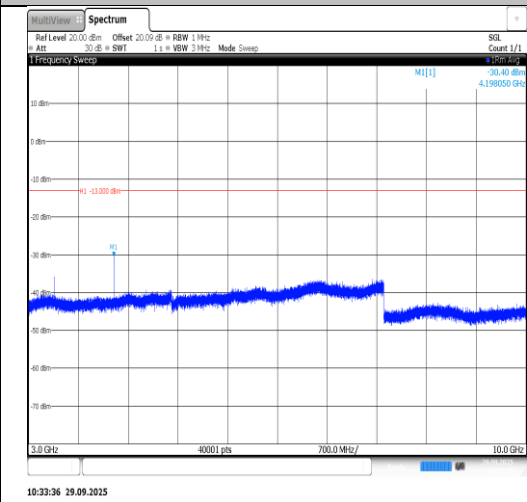
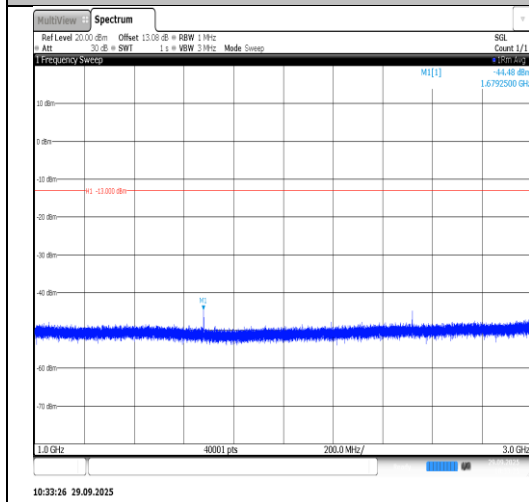




Band5-10MHz-16QAM-20600-1RB#0-
1000~3000-PASS



Band5-10MHz-16QAM-20600-1RB#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
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-7.50	-0.008966	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-4.13	-0.004937	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-3.83	-0.004579	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-14.92	-0.017836	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-4.85	-0.005798	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-9.63	-0.011512	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-12.86	-0.015374	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-7.88	-0.009420	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-4.33	-0.005176	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-12.93	-0.015457	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-9.66	-0.011548	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-6.65	-0.007950	±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	-5.09	-0.006085	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-8.50	-0.010161	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-7.81	-0.009337	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-5.58	-0.006671	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-3.23	-0.003861	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-8.10	-0.009683	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-5.62	-0.006718	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-10.89	-0.013019	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-4.36	-0.005212	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-7.32	-0.008751	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-3.52	-0.004208	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-7.55	-0.009026	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-6.69	-0.007998	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-5.29	-0.006324	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.25	-0.003885	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-10.73	-0.012827	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-8.11	-0.009695	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-7.62	-0.009109	±2.5	PASS

Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-4.49	-0.005368	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-8.85	-0.010580	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-9.73	-0.011632	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-9.71	-0.011608	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-9.84	-0.011763	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-10.77	-0.012875	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-14.10	-0.016856	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-8.67	-0.010365	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-8.17	-0.009767	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-10.54	-0.012600	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-9.91	-0.011847	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-5.18	-0.006192	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-5.59	-0.006683	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-5.51	-0.006587	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.40	-0.004065	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-11.22	-0.013413	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-8.61	-0.010293	±2.5	PASS