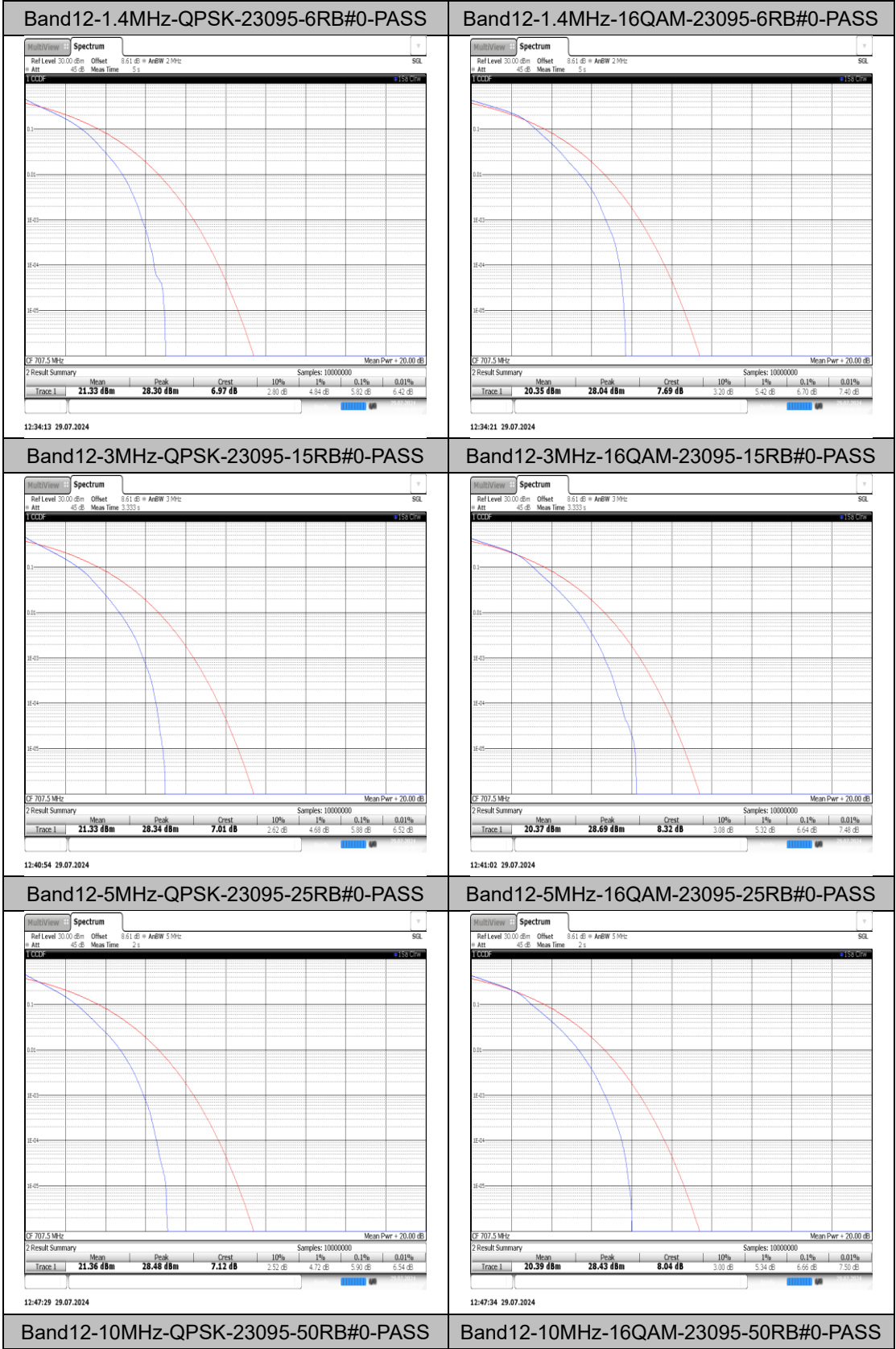


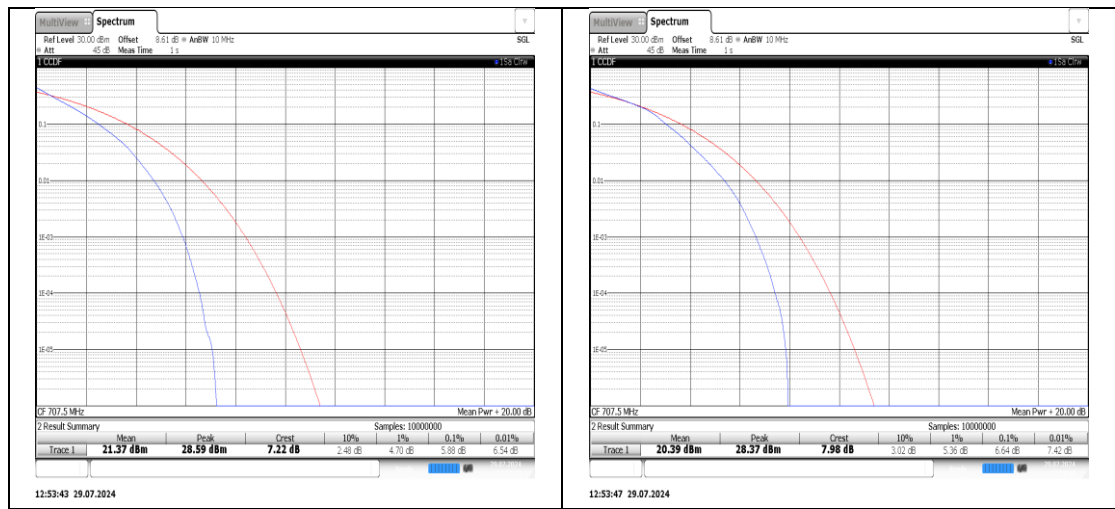
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	5.82	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.70	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.88	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.64	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.90	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.66	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.64	13	PASS

Test Graphs



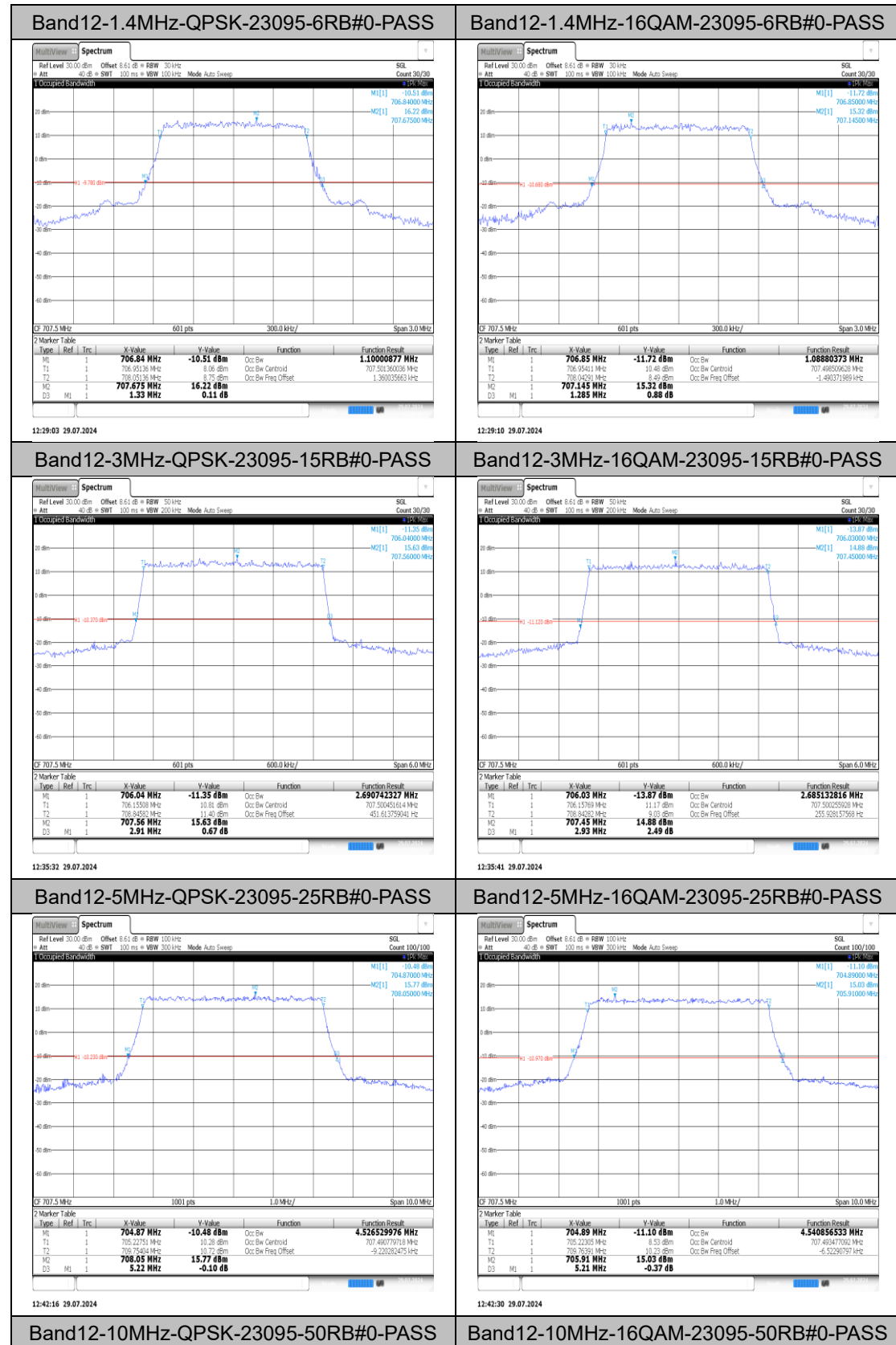


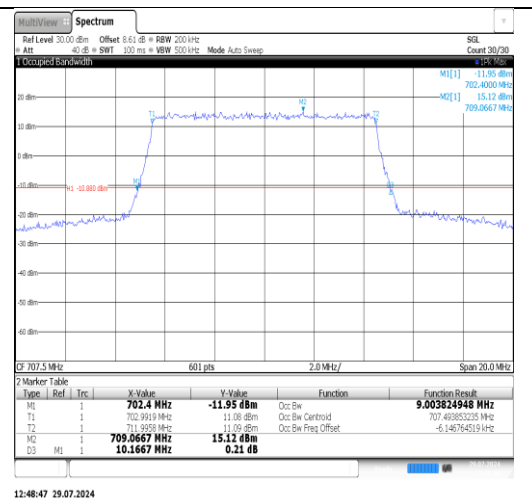
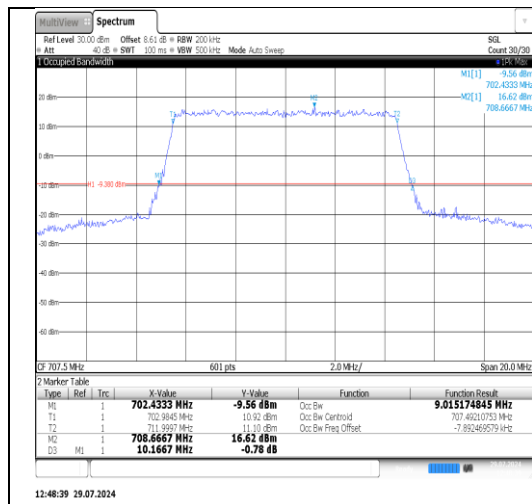
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.1	1.33	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.089	1.28	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.691	2.91	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.685	2.93	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.527	5.22	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.541	5.21	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.015	10.17	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.004	10.17	PASS

Test Graphs





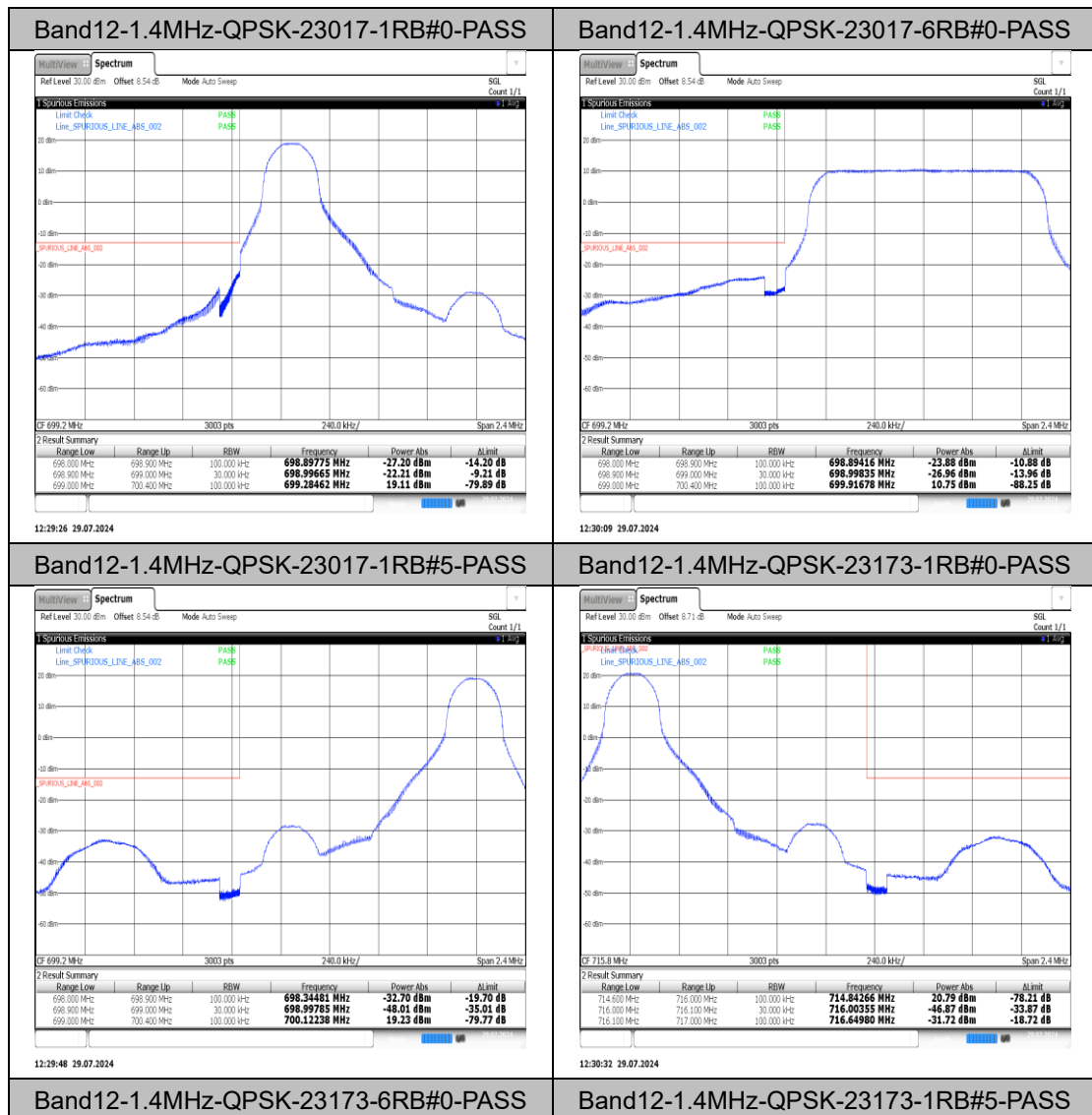
Appendix D: Band Edge

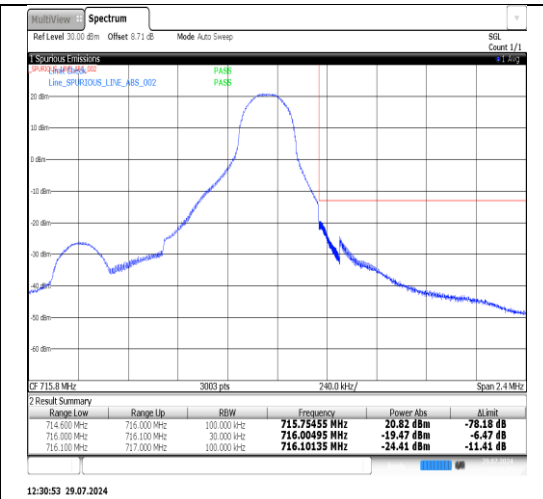
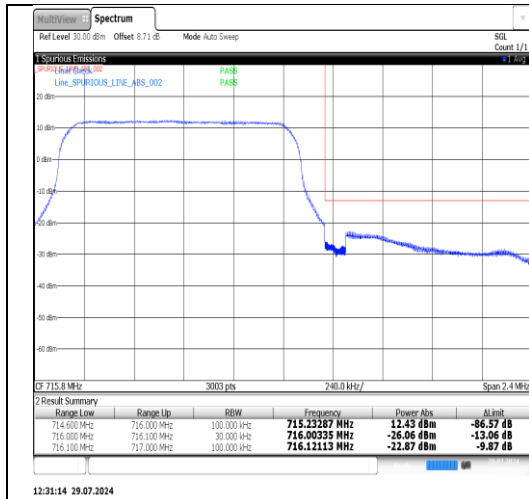
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-22.21	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-23.88	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-32.70	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-31.72	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.87	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-19.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-22.96	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-24.32	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-34.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-33.48	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-23.57	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-20.02	PASS
Band12	3MHz	QPSK	23025	1RB#0	-22.88	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.89	PASS
Band12	3MHz	QPSK	23025	1RB#14	-47.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	-47.01	PASS
Band12	3MHz	QPSK	23165	15RB#0	-26.82	PASS
Band12	3MHz	QPSK	23165	1RB#14	-19.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	-23.39	PASS
Band12	3MHz	16QAM	23025	15RB#0	-27.66	PASS
Band12	3MHz	16QAM	23025	1RB#14	-48.51	PASS
Band12	3MHz	16QAM	23165	1RB#0	-47.52	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.18	PASS
Band12	3MHz	16QAM	23165	1RB#14	-21.08	PASS
Band12	5MHz	QPSK	23035	1RB#0	-17.51	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.01	PASS
Band12	5MHz	QPSK	23035	1RB#24	-47.44	PASS
Band12	5MHz	QPSK	23155	1RB#0	-46.97	PASS
Band12	5MHz	QPSK	23155	25RB#0	-26.39	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.10	PASS
Band12	5MHz	16QAM	23035	1RB#0	-17.66	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.29	PASS
Band12	5MHz	16QAM	23035	1RB#24	-48.04	PASS
Band12	5MHz	16QAM	23155	1RB#0	-46.95	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.49	PASS
Band12	5MHz	16QAM	23155	1RB#24	-16.36	PASS
Band12	10MHz	QPSK	23060	1RB#0	-21.46	PASS

Band12	10MHz	QPSK	23060	50RB#0	-30.90	PASS
Band12	10MHz	QPSK	23060	1RB#49	-48.34	PASS
Band12	10MHz	QPSK	23130	1RB#0	-49.03	PASS
Band12	10MHz	QPSK	23130	50RB#0	-30.02	PASS
Band12	10MHz	QPSK	23130	1RB#49	-19.48	PASS
Band12	10MHz	16QAM	23060	1RB#0	-21.96	PASS
Band12	10MHz	16QAM	23060	50RB#0	-32.22	PASS
Band12	10MHz	16QAM	23060	1RB#49	-49.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	-49.48	PASS
Band12	10MHz	16QAM	23130	50RB#0	-30.58	PASS
Band12	10MHz	16QAM	23130	1RB#49	-20.59	PASS

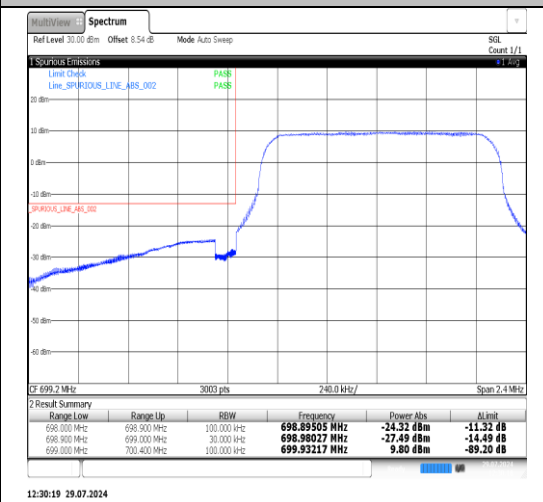
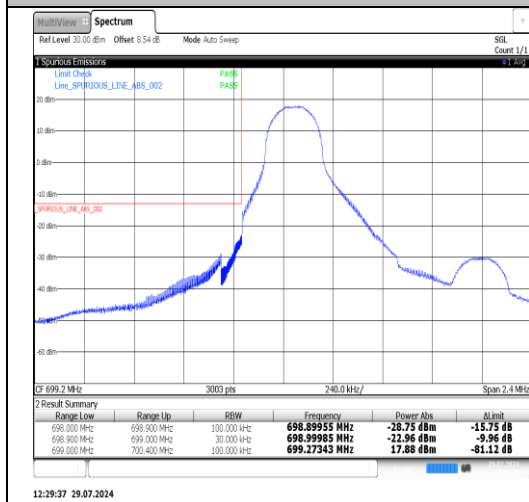
Test Graphs





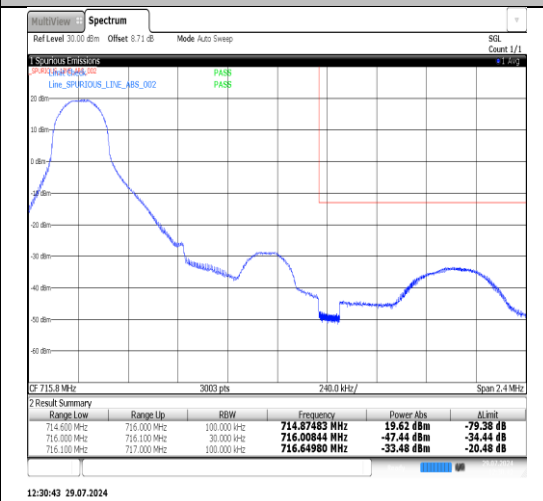
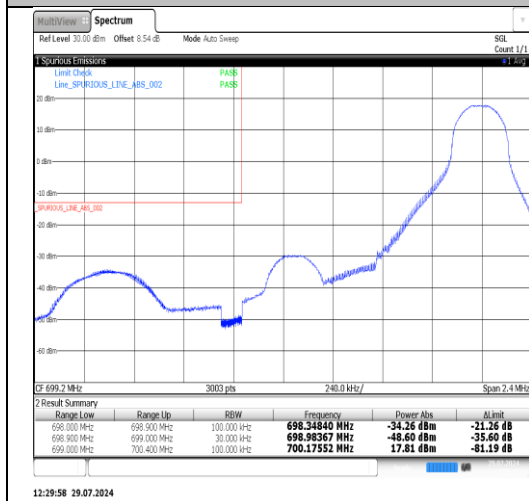
Band12-1.4MHz-16QAM-23017-1RB#0-PASS

Band12-1.4MHz-16QAM-23017-6RB#0-PASS



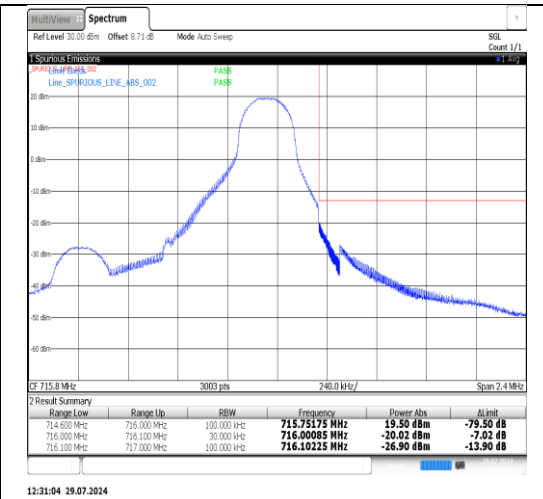
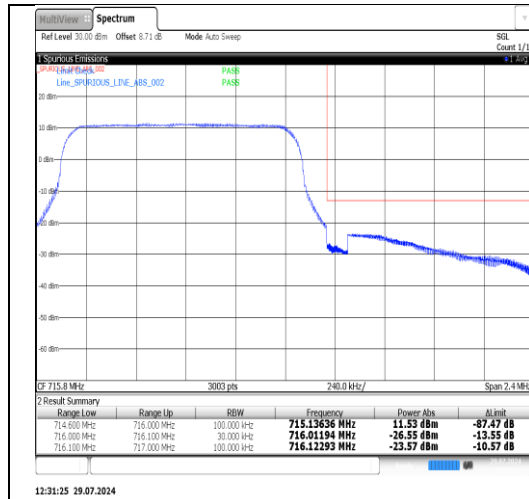
Band12-1.4MHz-16QAM-23017-1RB#5-PASS

Band12-1.4MHz-16QAM-23173-1RB#0-PASS



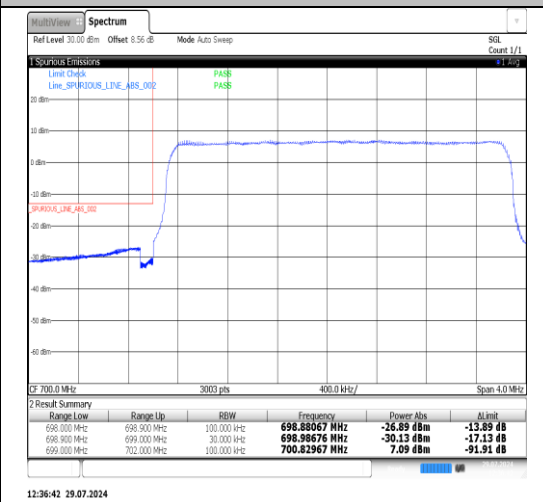
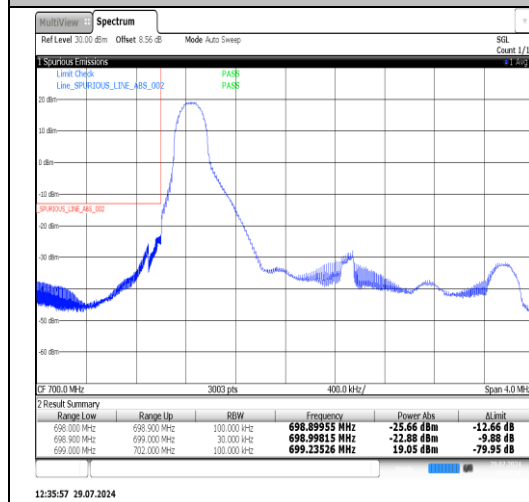
Band12-1.4MHz-16QAM-23173-6RB#0-PASS

Band12-1.4MHz-16QAM-23173-1RB#5-PASS



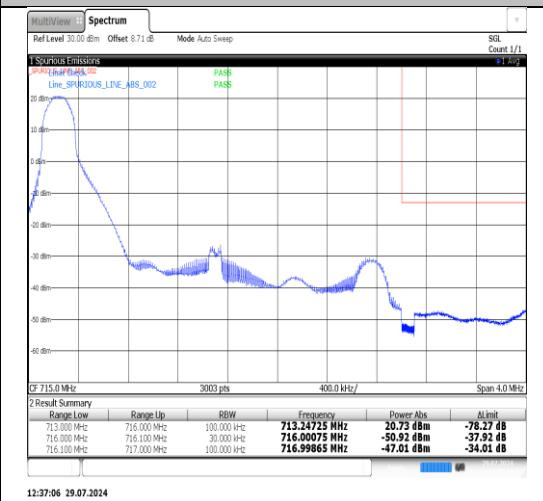
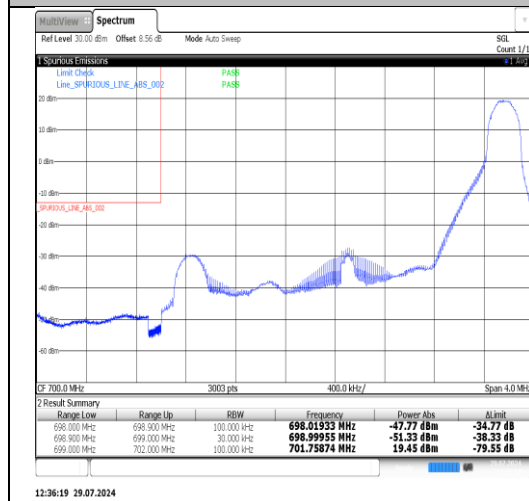
Band12-3MHz-QPSK-23025-1RB#0-PASS

Band12-3MHz-QPSK-23025-15RB#0-PASS



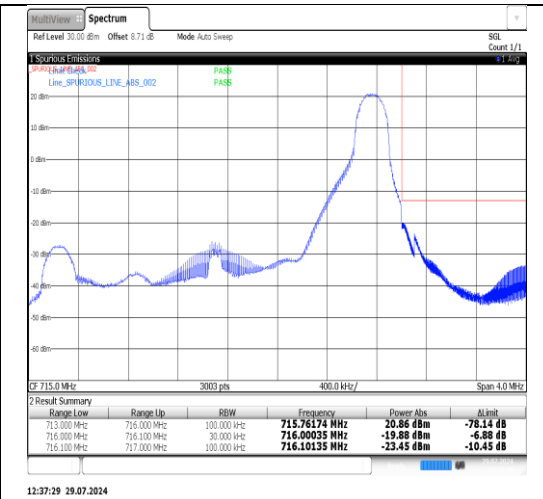
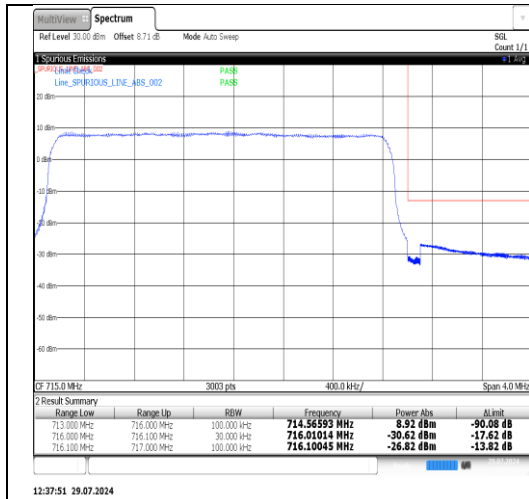
Band12-3MHz-QPSK-23025-1RB#14-PASS

Band12-3MHz-QPSK-23165-1RB#0-PASS

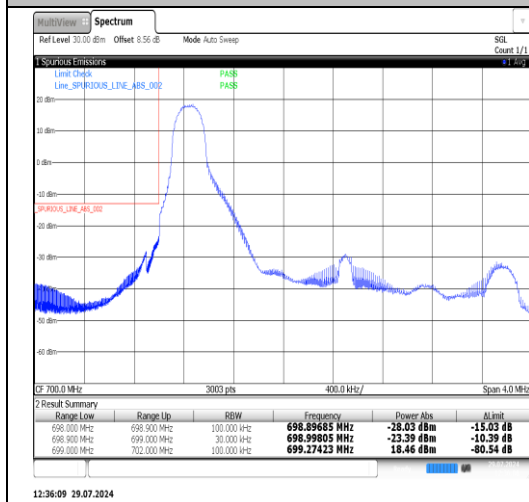


Band12-3MHz-QPSK-23165-15RB#0-PASS

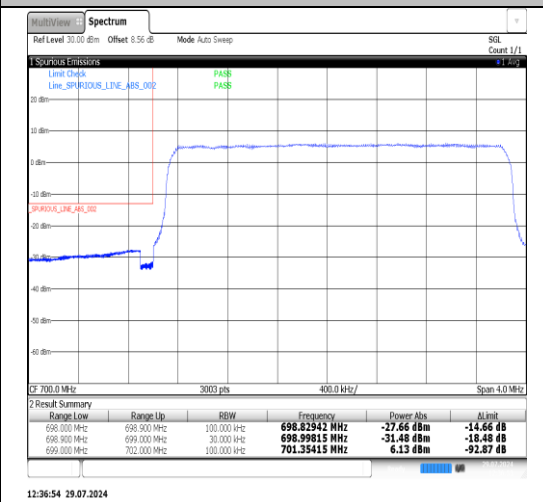
Band12-3MHz-QPSK-23165-1RB#14-PASS



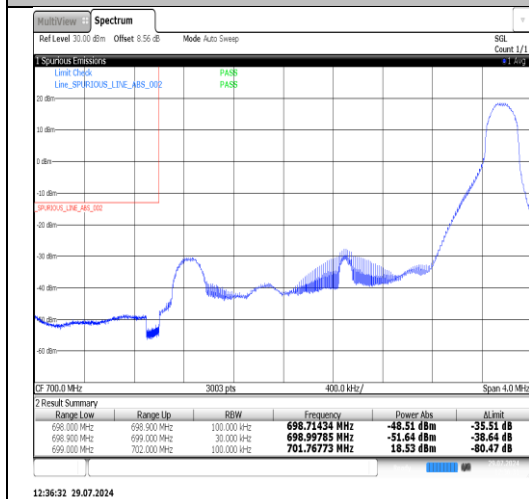
Band12-3MHz-16QAM-23025-1RB#0-PASS



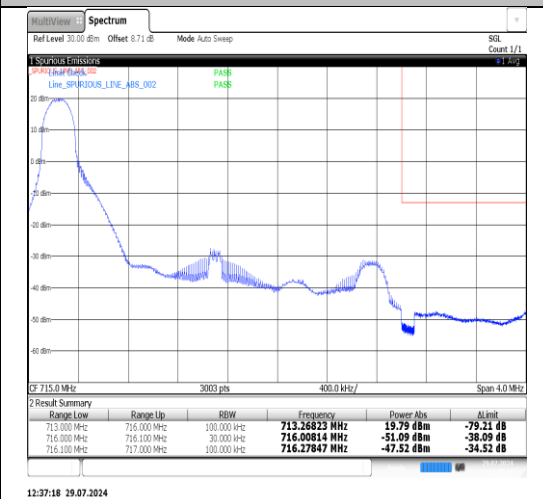
Band12-3MHz-16QAM-23025-15RB#0-PASS



Band12-3MHz-16QAM-23025-1RB#14-PASS

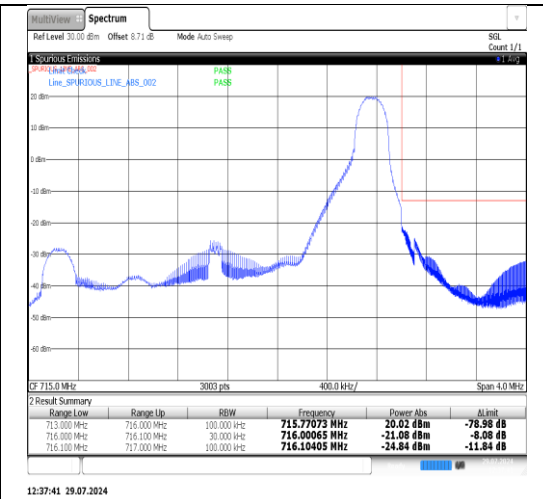
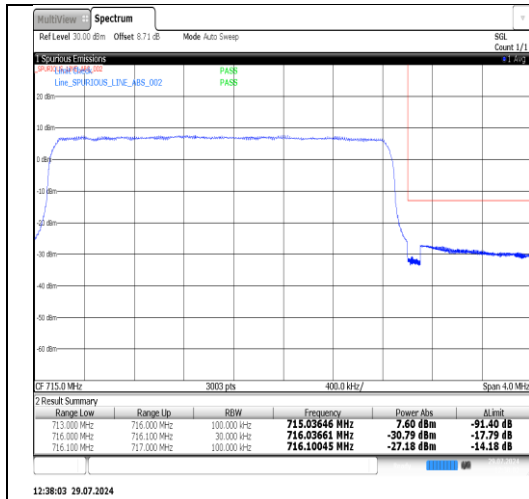


Band12-3MHz-16QAM-23165-1RB#0-PASS

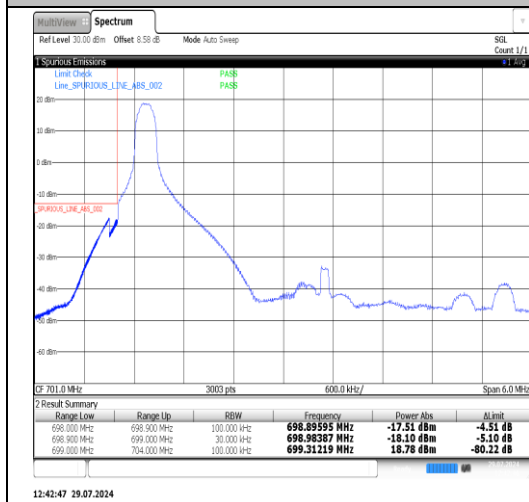


Band12-3MHz-16QAM-23165-15RB#0-PASS

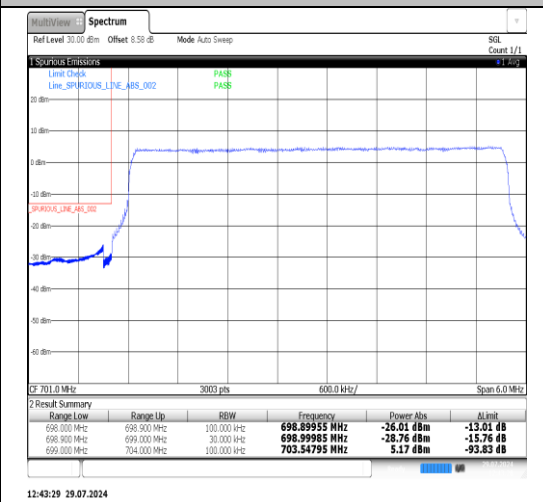
Band12-3MHz-16QAM-23165-1RB#14-PASS



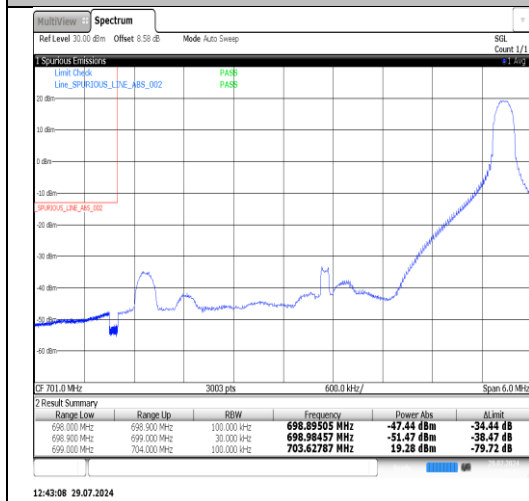
Band12-5MHz-QPSK-23035-1RB#0-PASS



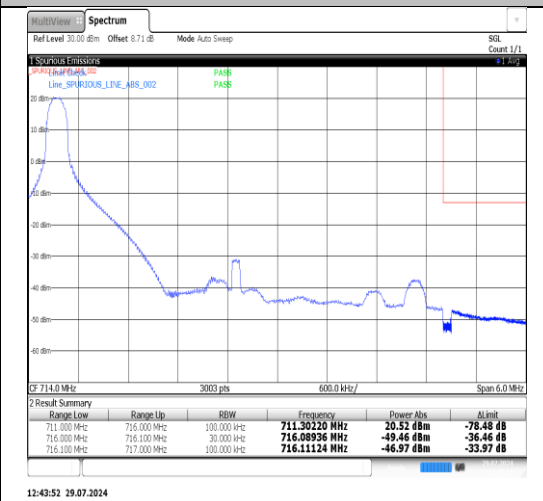
Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-QPSK-23035-1RB#24-PASS

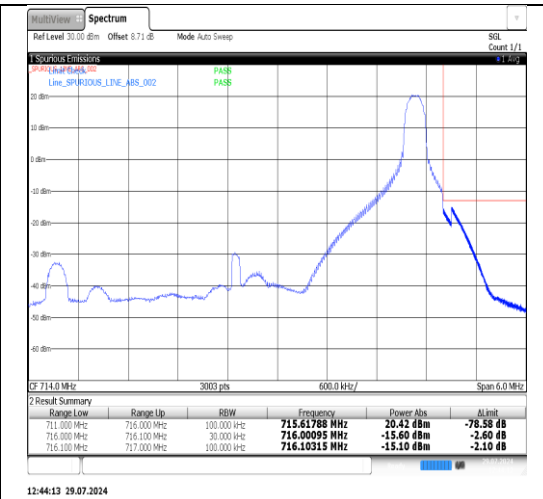
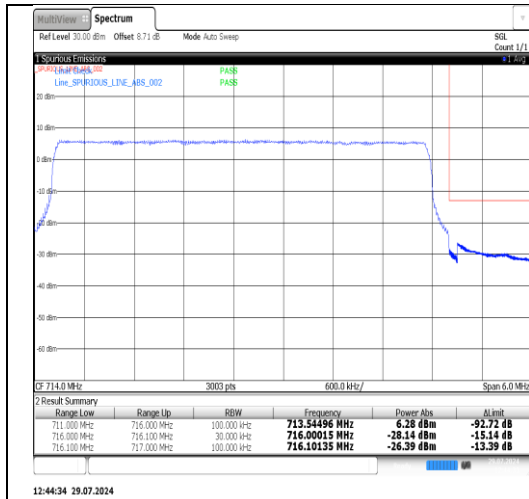


Band12-5MHz-QPSK-23155-1RB#0-PASS



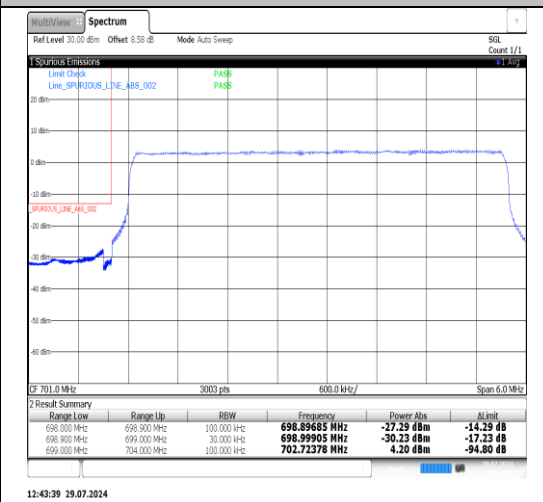
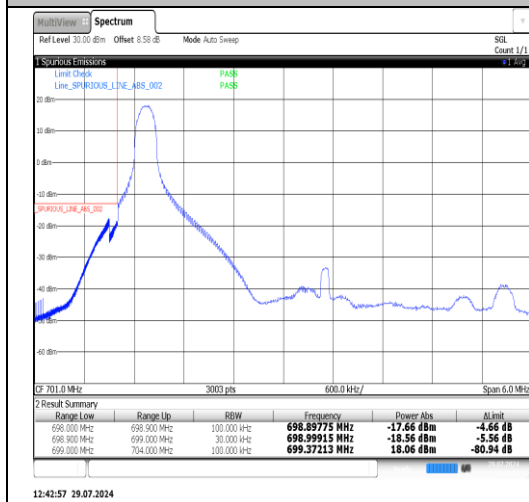
Band12-5MHz-QPSK-23155-25RB#0-PASS

Band12-5MHz-QPSK-23155-1RB#24-PASS



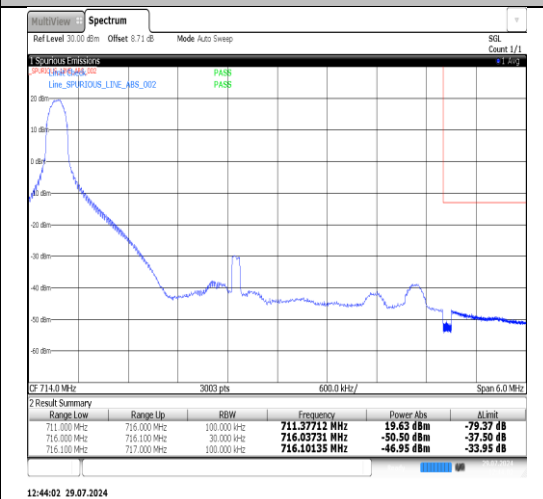
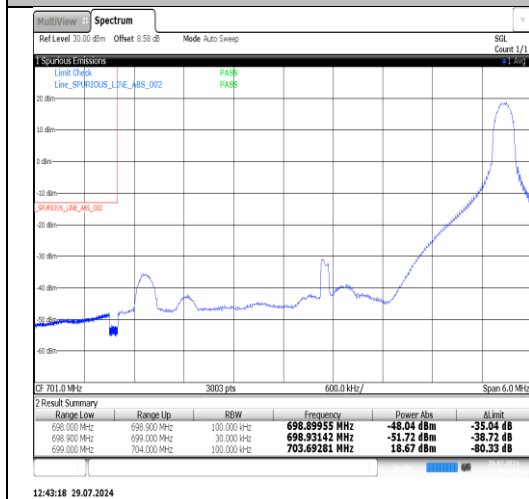
Band12-5MHz-16QAM-23035-1RB#0-PASS

Band12-5MHz-16QAM-23035-25RB#0-PASS



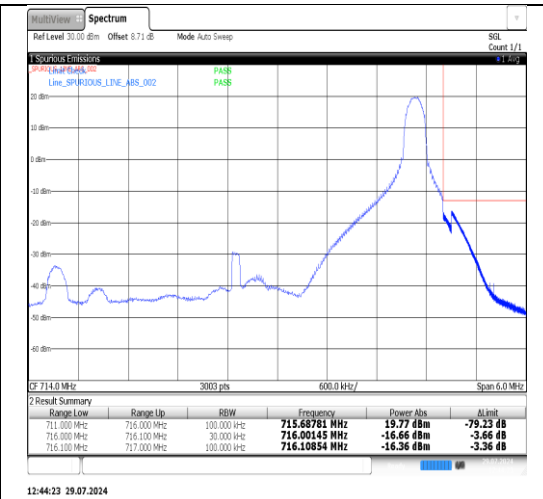
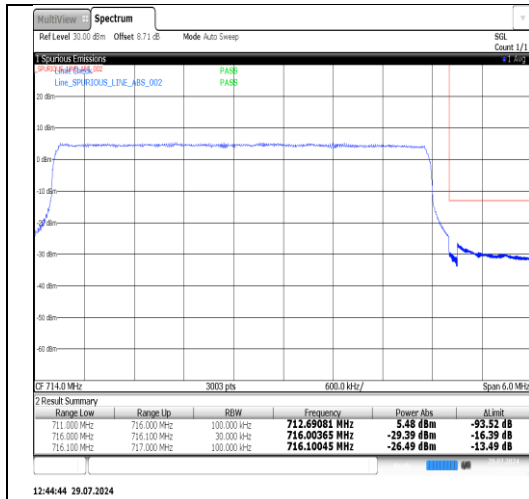
Band12-5MHz-16QAM-23035-1RB#24-PASS

Band12-5MHz-16QAM-23155-1RB#0-PASS



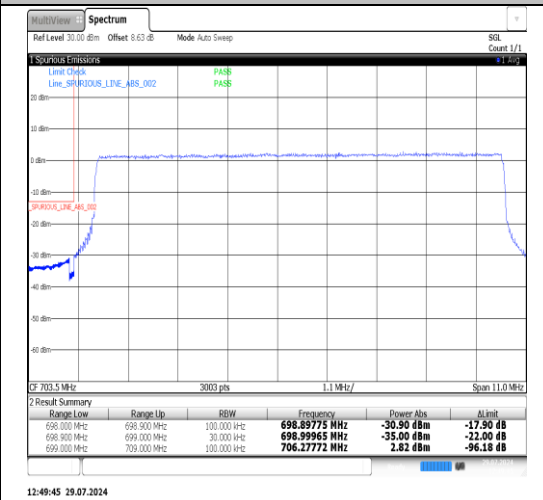
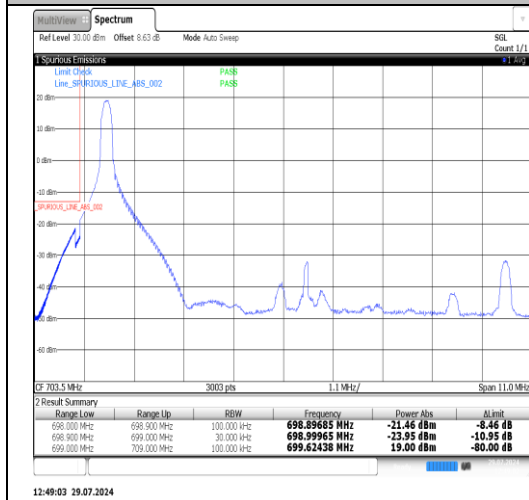
Band12-5MHz-16QAM-23155-25RB#0-PASS

Band12-5MHz-16QAM-23155-1RB#24-PASS



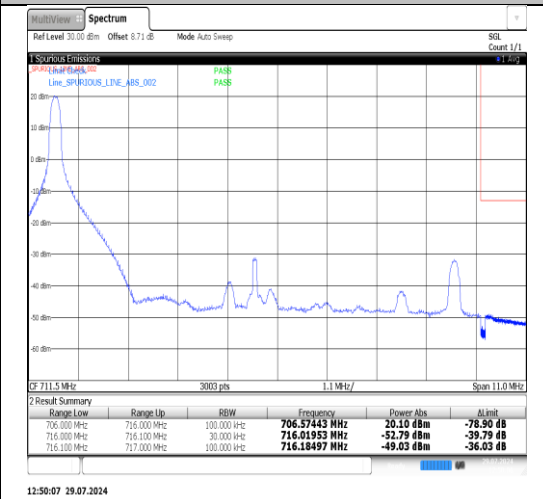
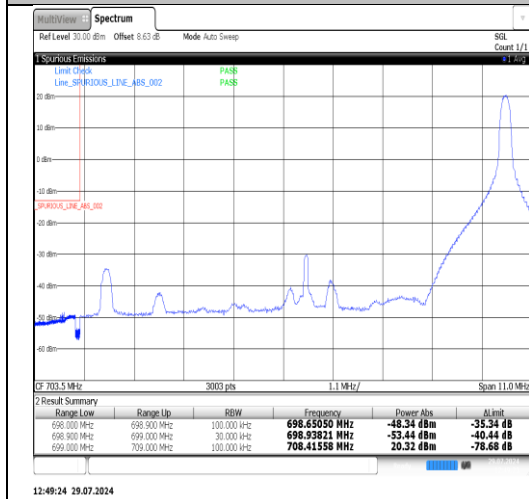
Band12-10MHz-QPSK-23060-1RB#0-PASS

Band12-10MHz-QPSK-23060-50RB#0-PASS



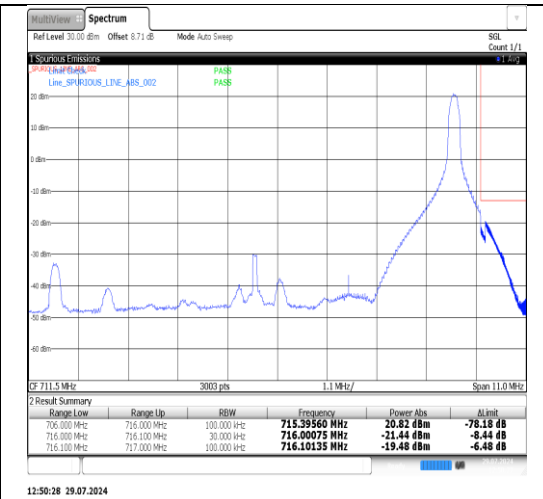
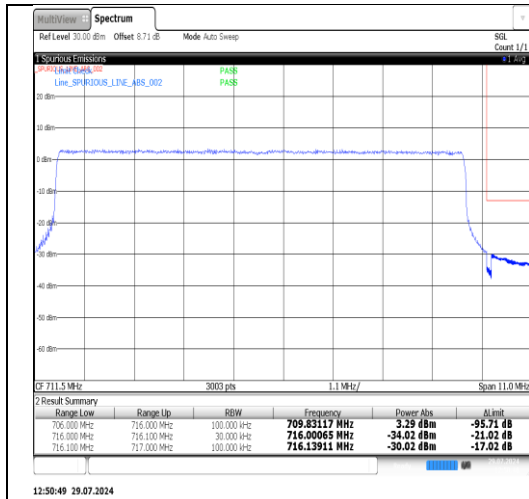
Band12-10MHz-QPSK-23060-1RB#49-PASS

Band12-10MHz-QPSK-23130-1RB#0-PASS



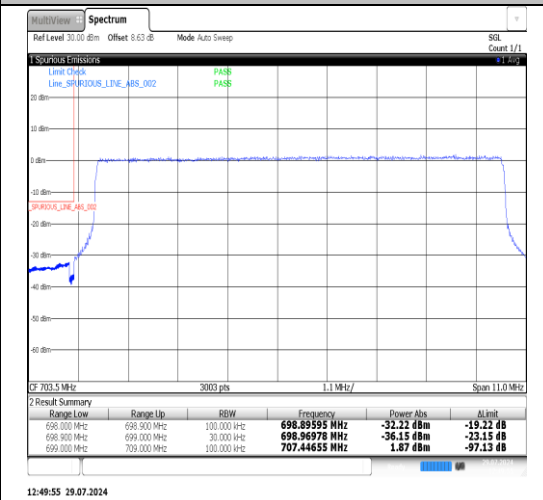
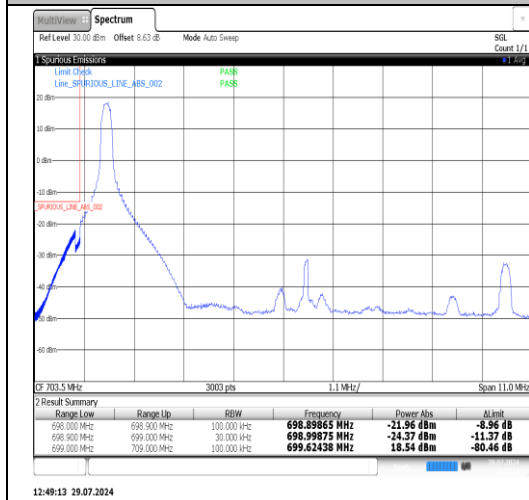
Band12-10MHz-QPSK-23130-50RB#0-PASS

Band12-10MHz-QPSK-23130-1RB#49-PASS



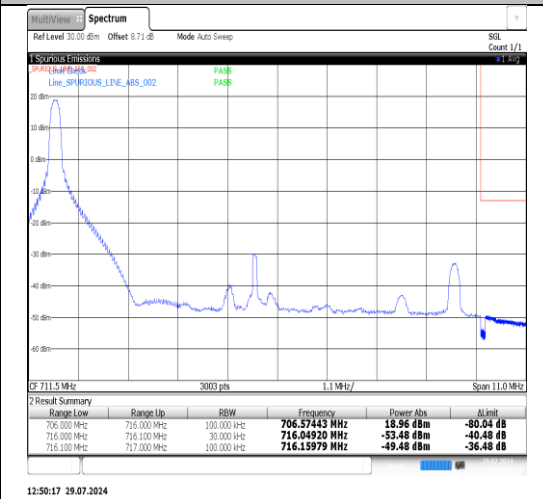
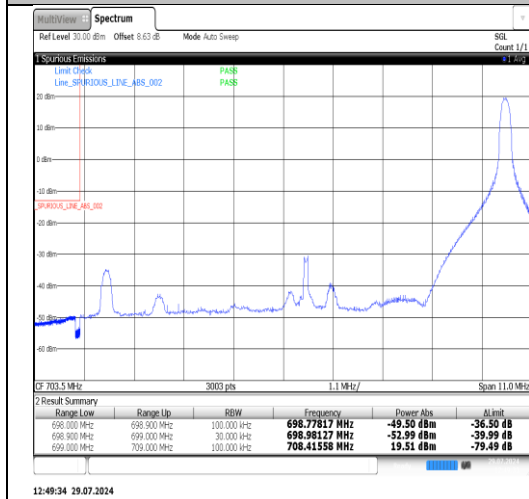
Band12-10MHz-16QAM-23060-1RB#0-PASS

Band12-10MHz-16QAM-23060-50RB#0-PASS



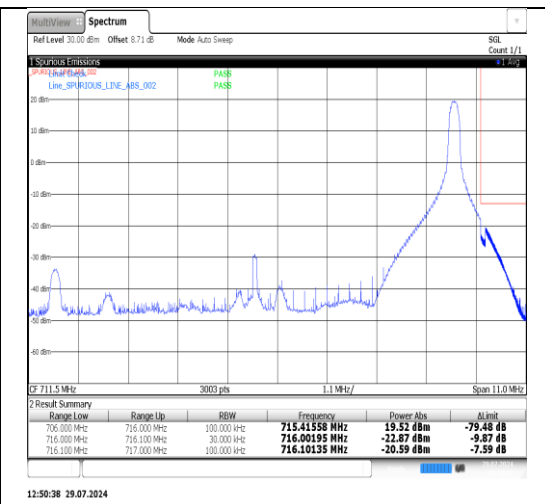
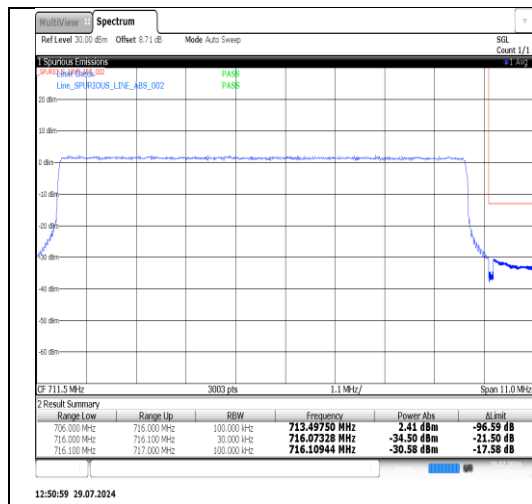
Band12-10MHz-16QAM-23060-1RB#49-PASS

Band12-10MHz-16QAM-23130-1RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS

Band12-10MHz-16QAM-23130-1RB#49-PASS



Appendix E: Conducted Spurious Emission

Test Result

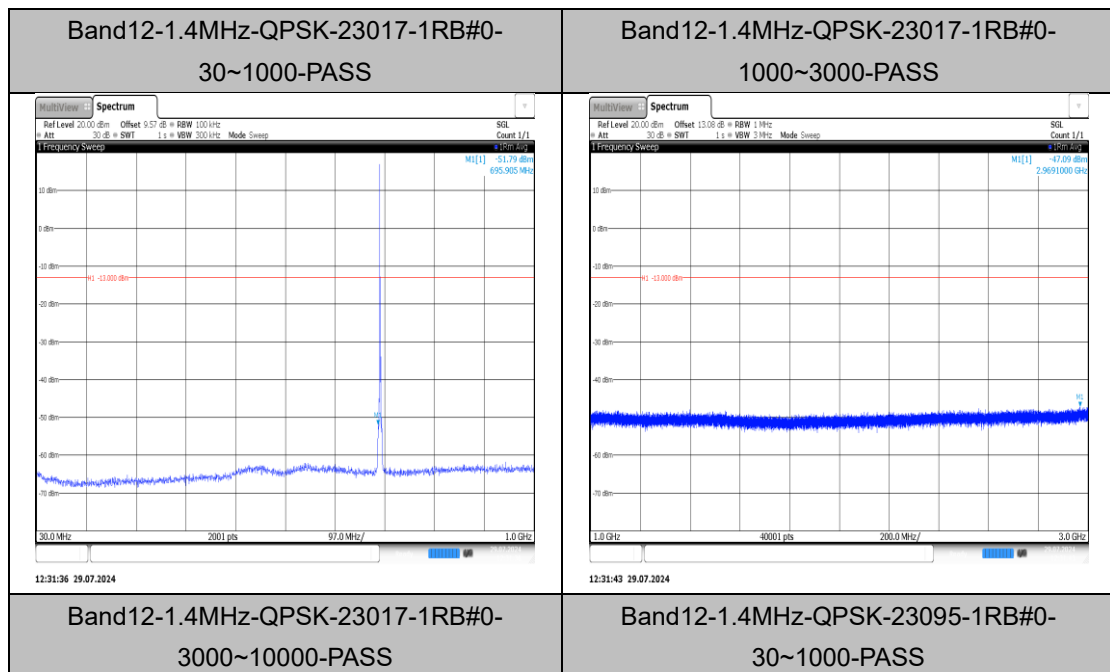
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	- 51.79	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	- 47.09	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	- 37.03	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	- 50.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	- 47.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	- 36.82	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	- 50.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	- 47.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	- 37.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	- 52.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	- 47.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	- 37.19	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	- 51.96	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	- 46.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	- 37.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	- 50.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	- 47.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	- 36.83	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-	PASS

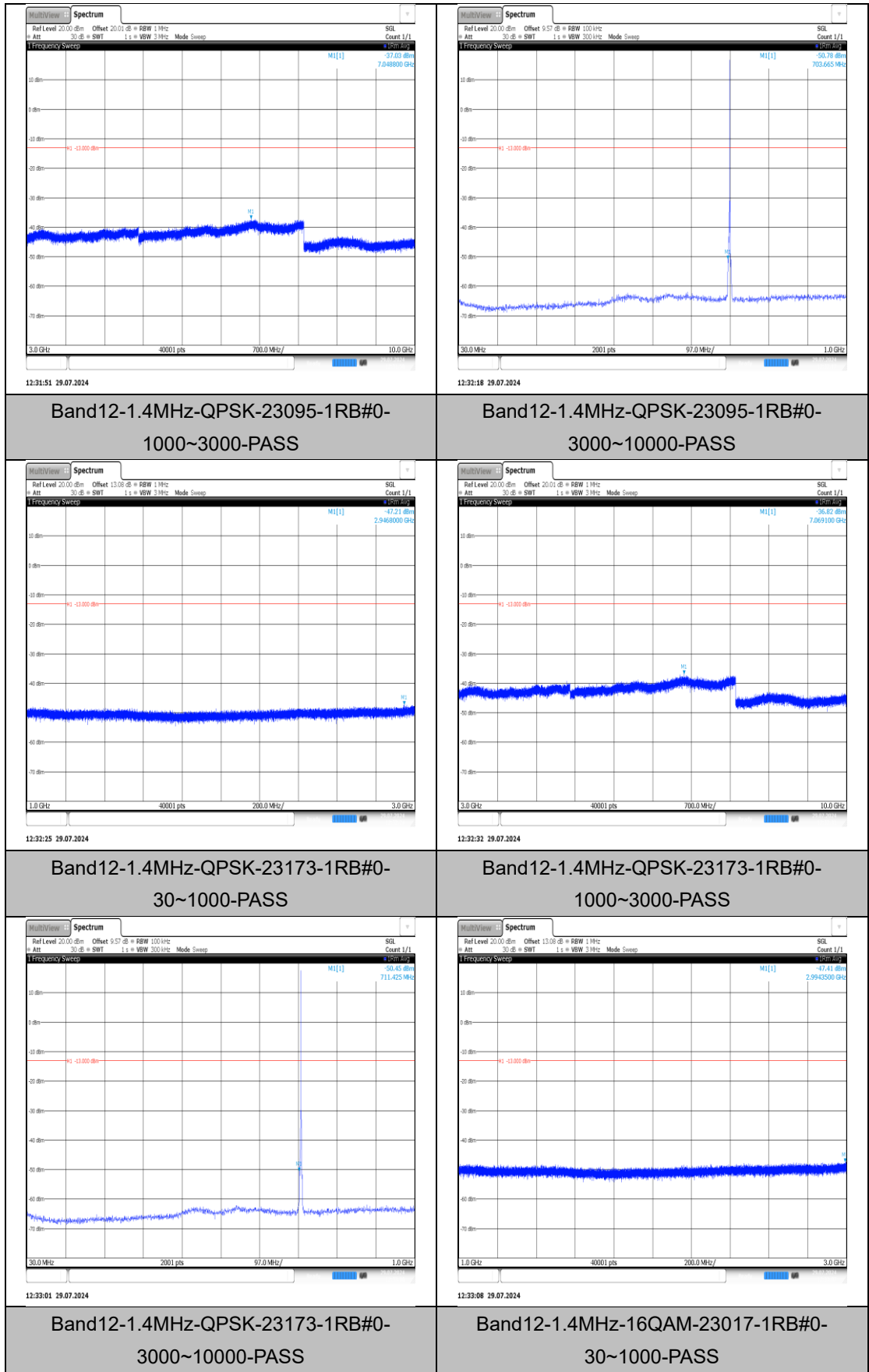
						58.23	
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	- 46.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	- 37.06	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	- 59.51	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	- 47.17	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	- 37.16	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	- 60.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	- 47.43	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	- 36.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	- 58.71	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	- 47.17	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	- 36.56	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	- 59.02	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	- 47.30	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	- 36.82	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	- 60.18	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	- 47.01	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	- 36.66	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	- 62.26	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	- 47.31	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	- 36.89	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	- 61.98	PASS

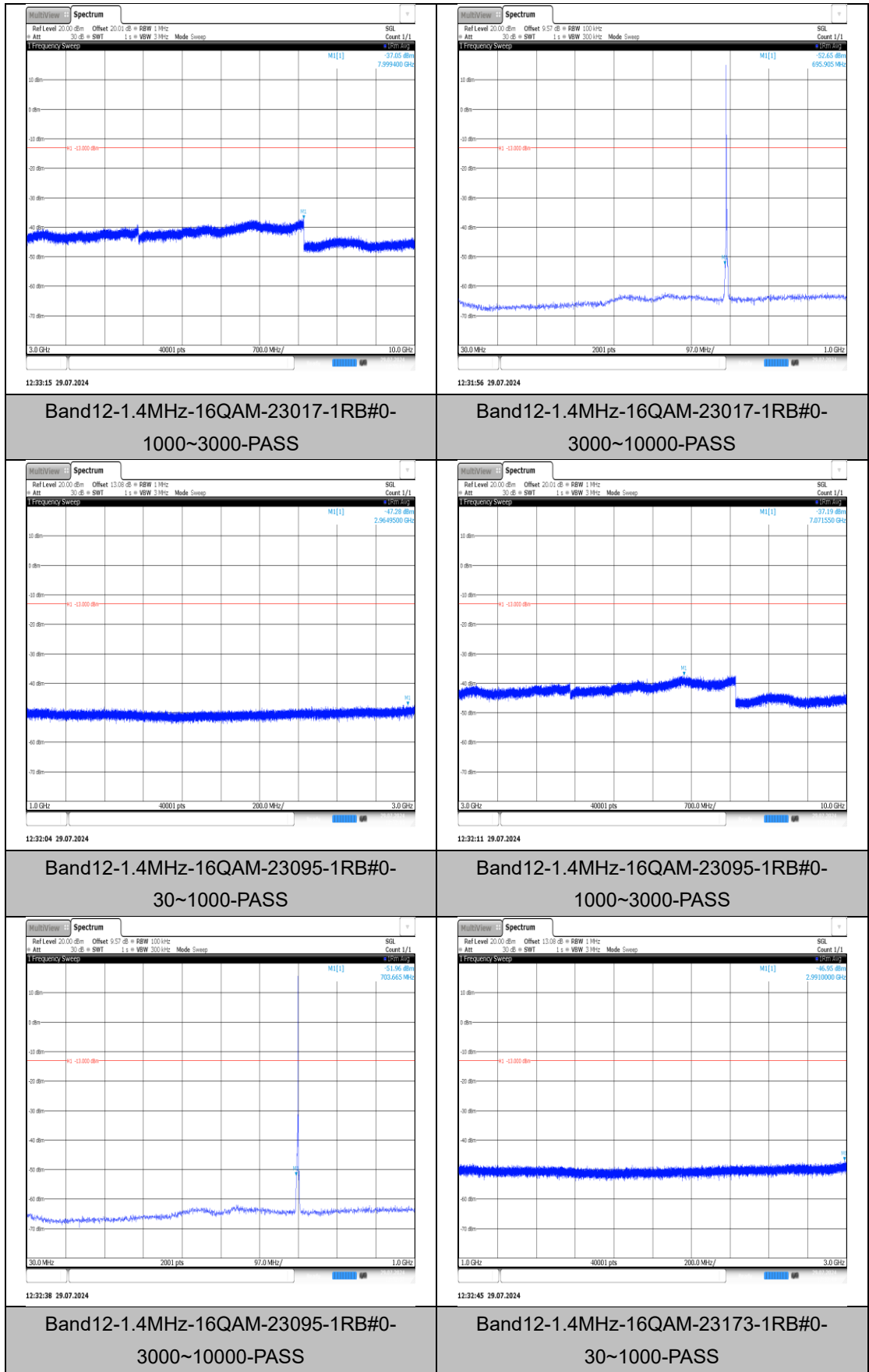
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	- 47.14	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	- 37.07	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	- 62.01	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	- 47.08	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	- 36.89	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	- 62.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	- 47.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	- 36.92	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	- 61.91	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	- 47.30	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	- 36.58	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	- 62.20	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	- 47.13	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	- 36.99	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	- 61.86	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	- 47.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	- 37.13	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	- 62.05	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	- 47.34	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	- 36.79	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	- 61.45	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	- 47.27	PASS

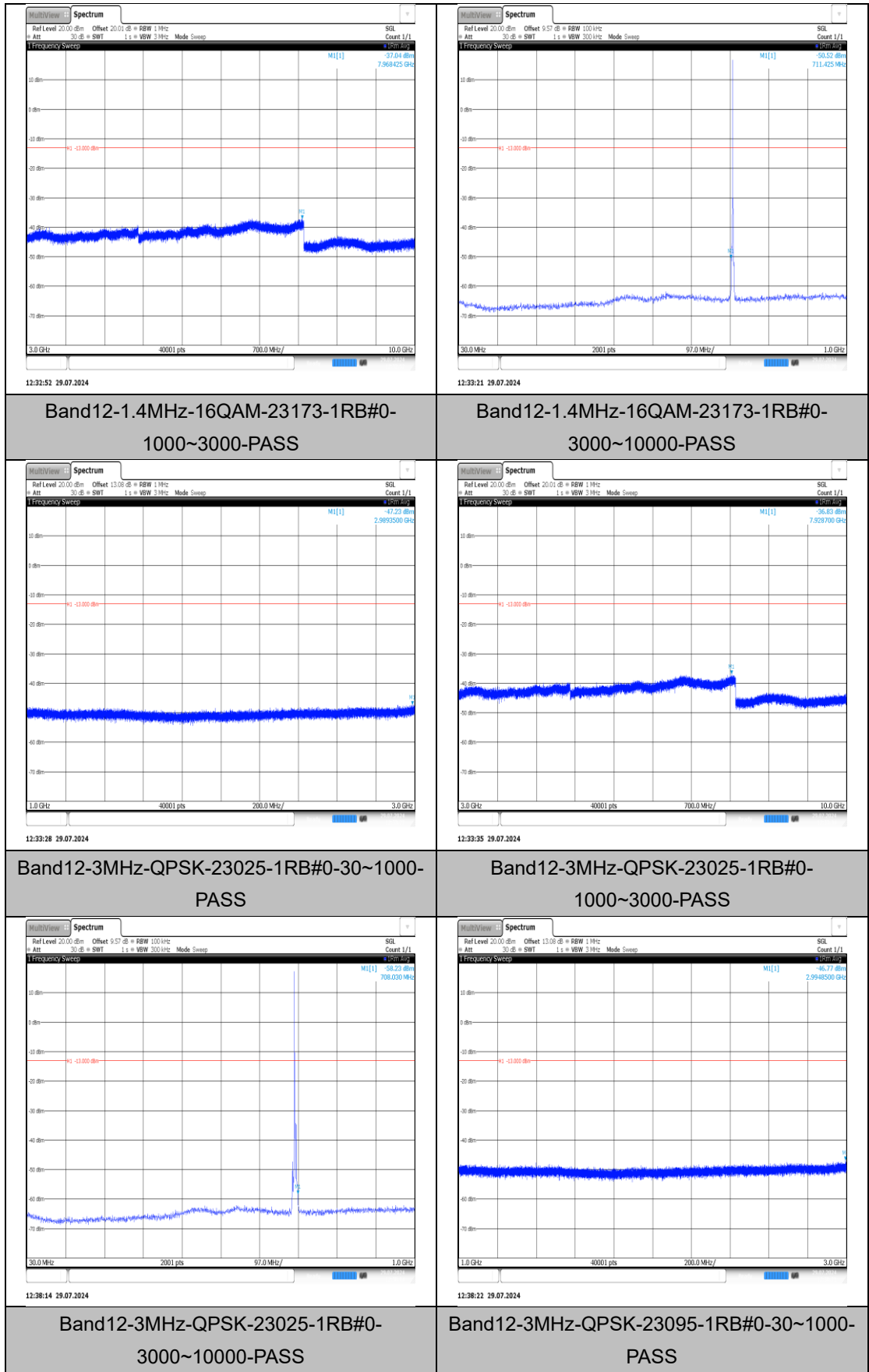
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	- 36.38	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	- 61.84	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	- 47.24	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	- 37.31	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	- 62.02	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	- 46.96	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	- 37.06	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	- 62.03	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	- 46.49	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	- 36.80	PASS

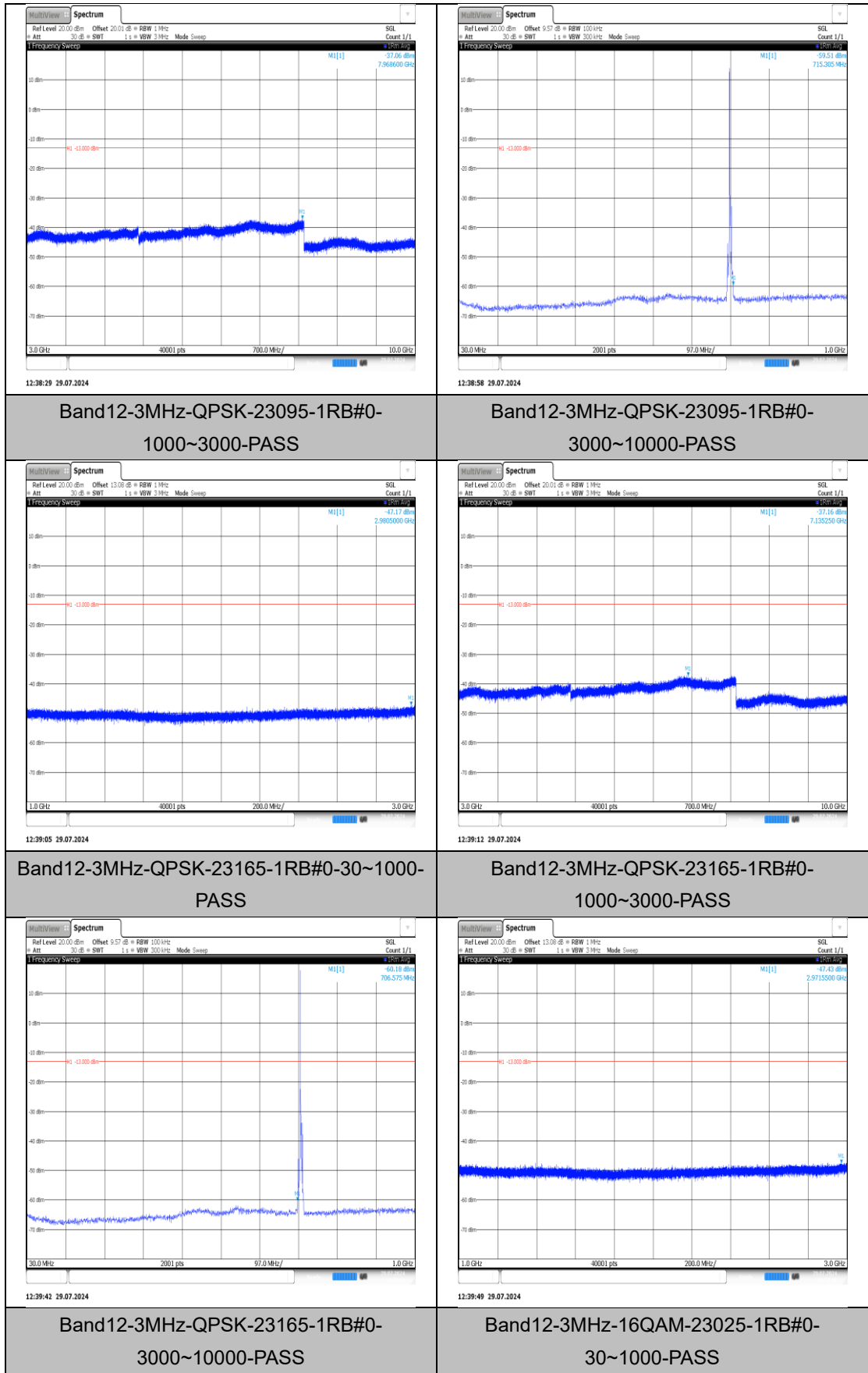
Test Graphs

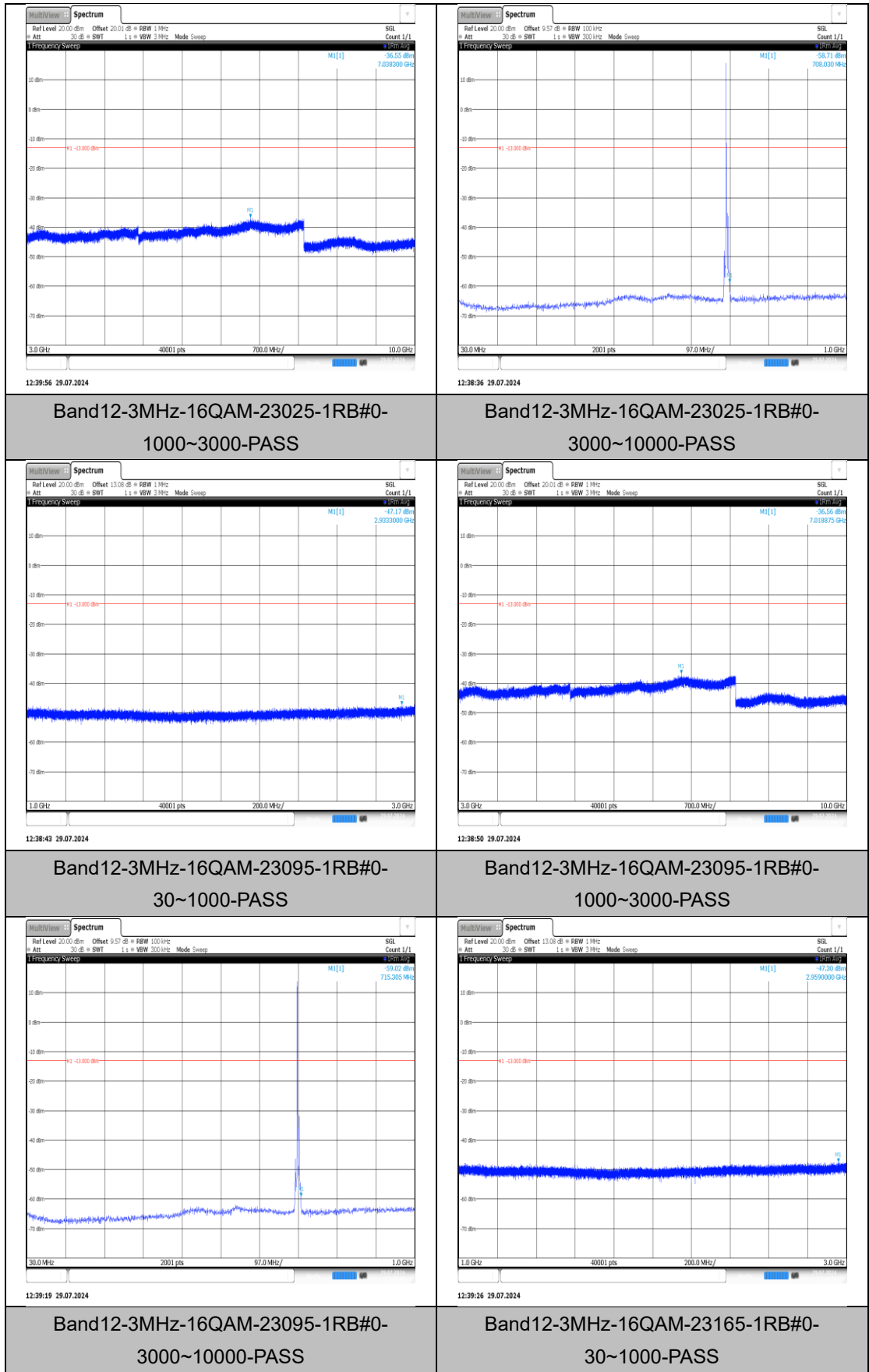


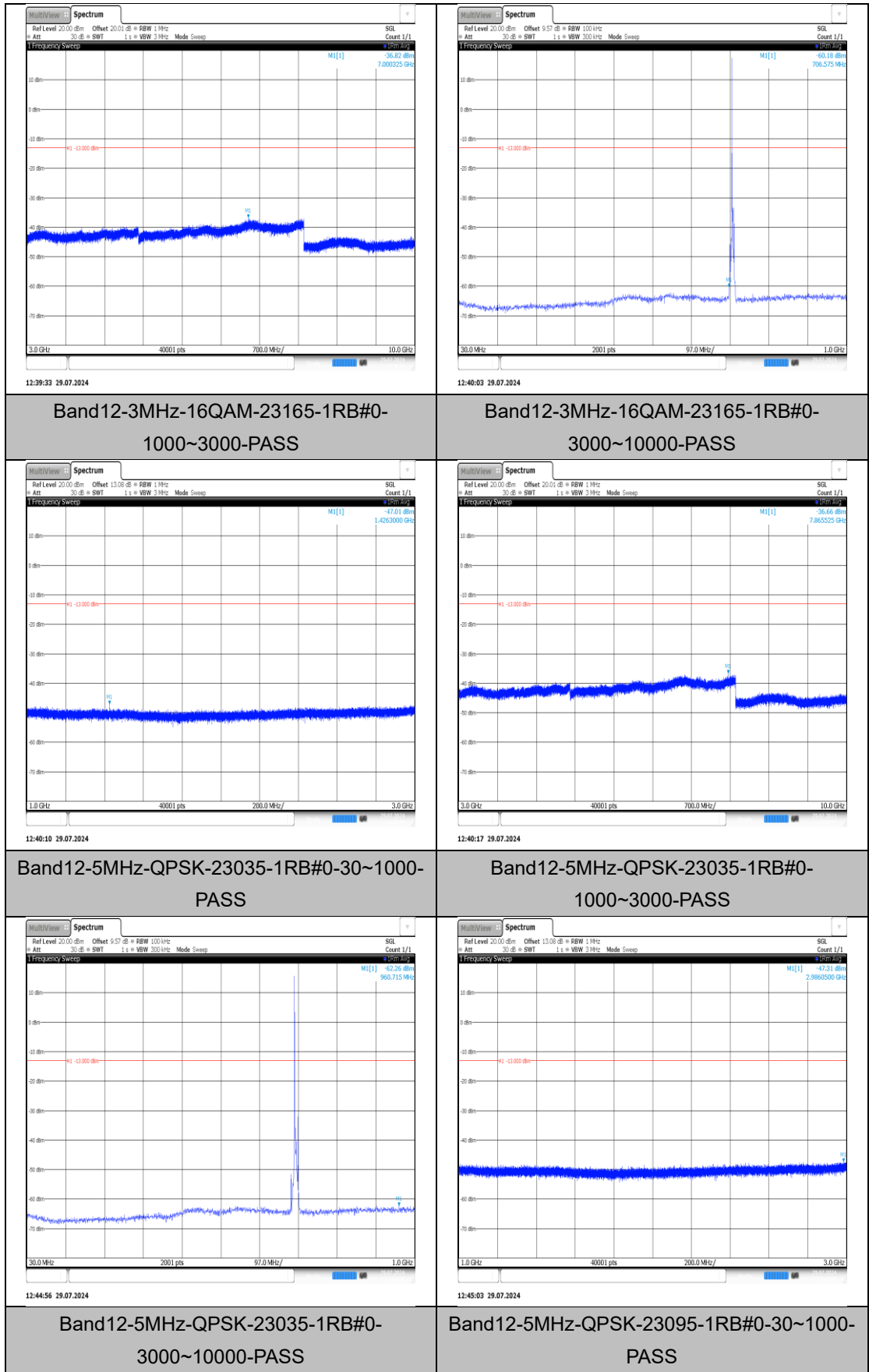


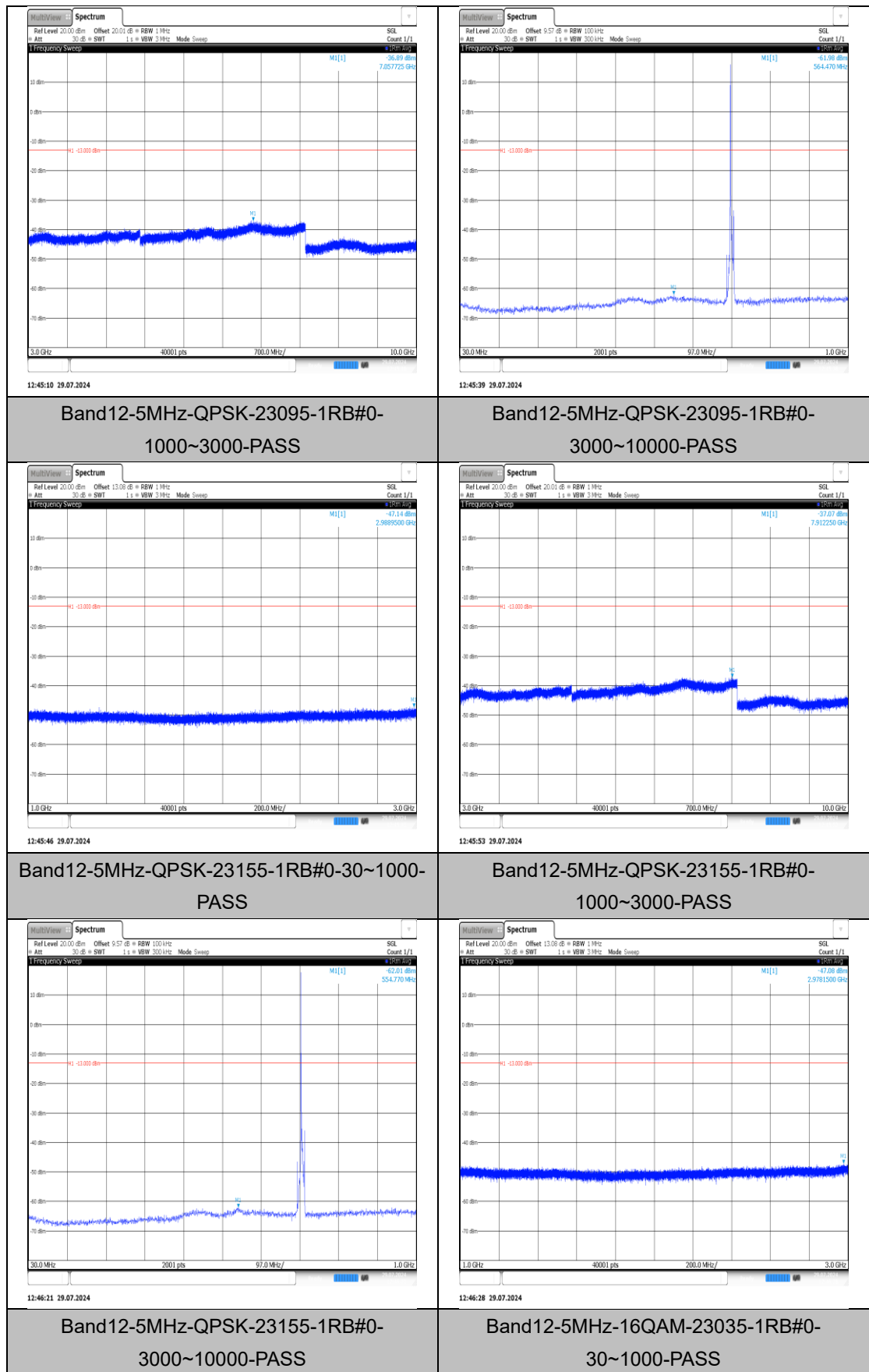


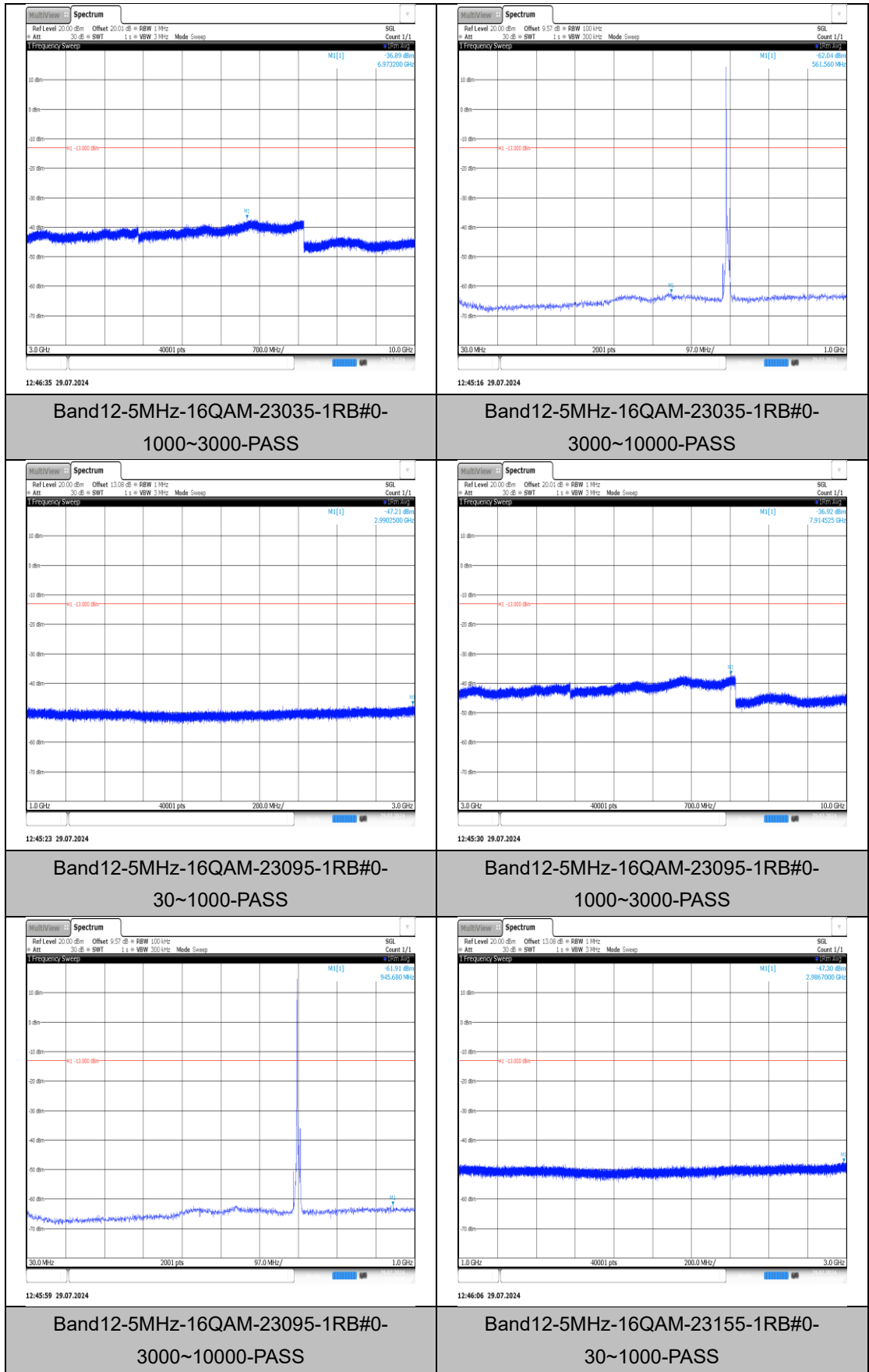


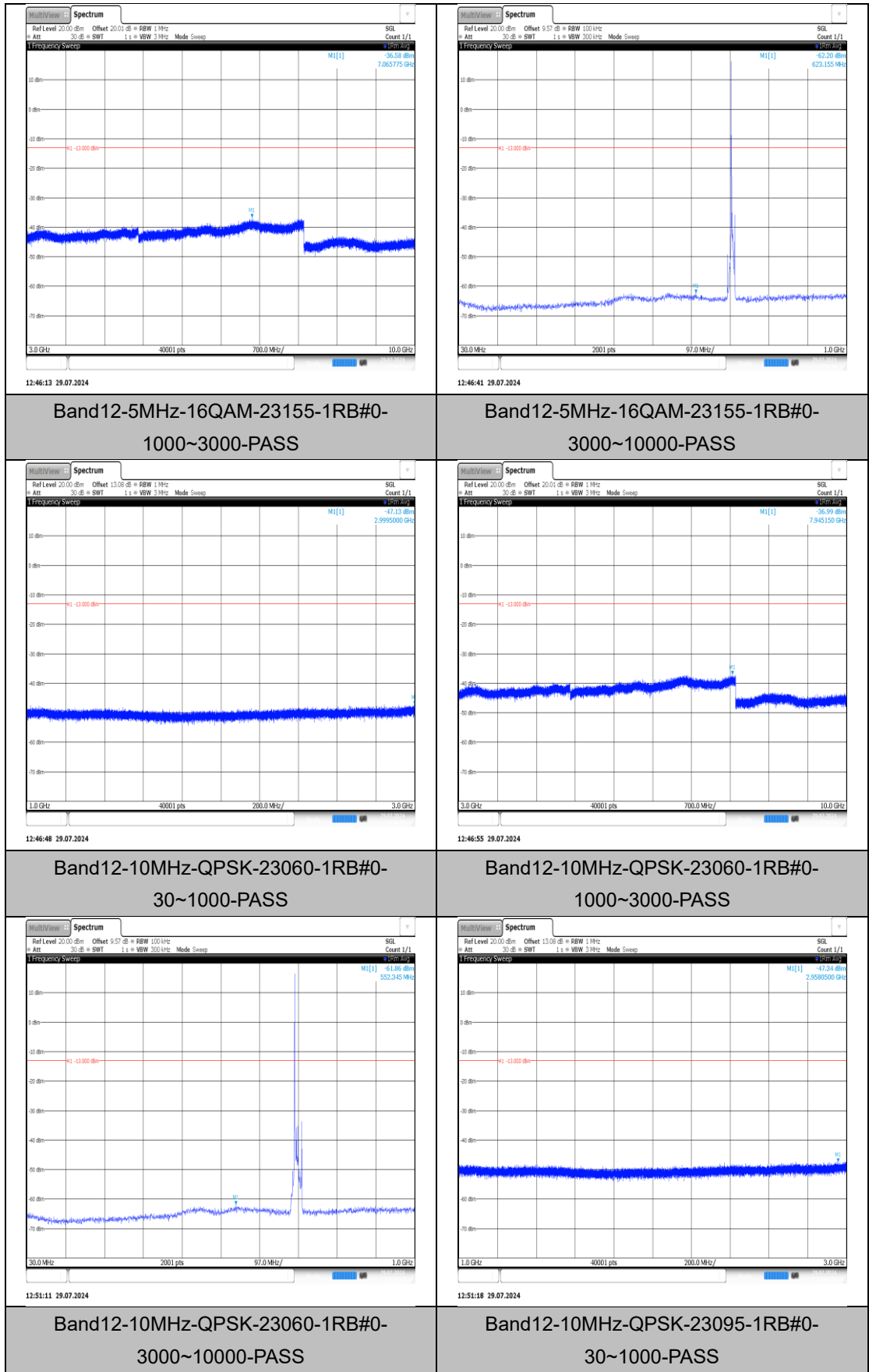


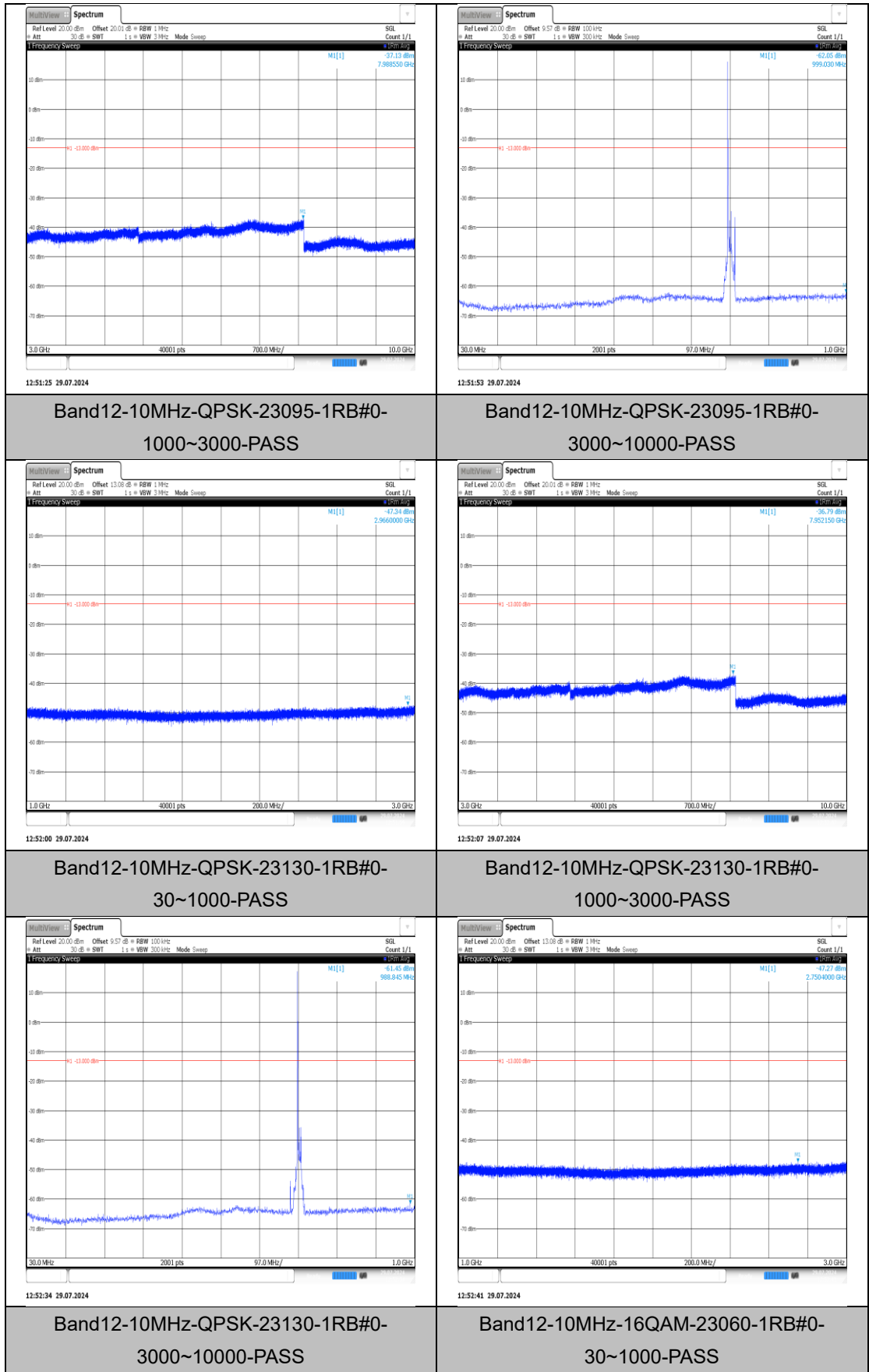


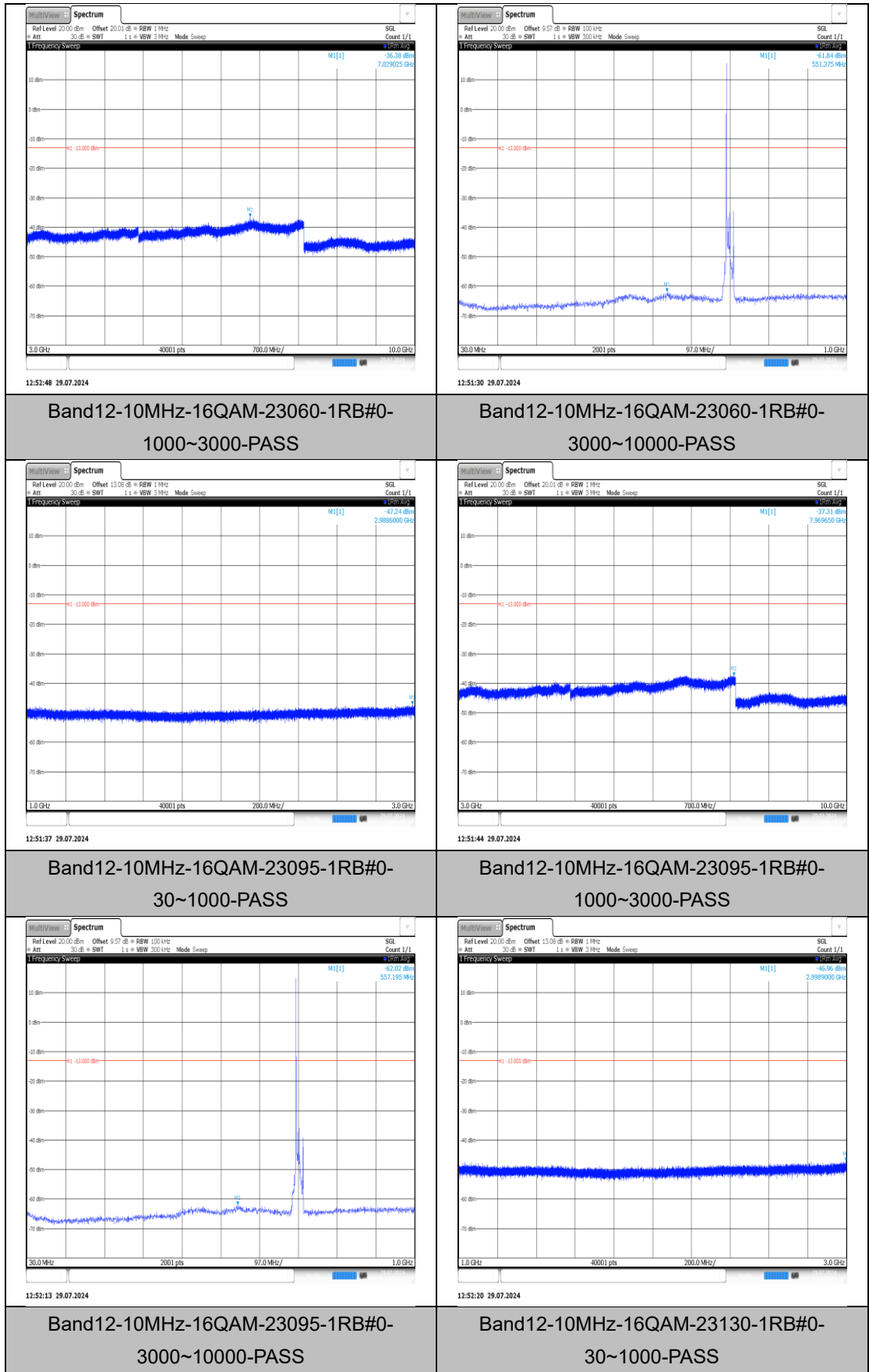


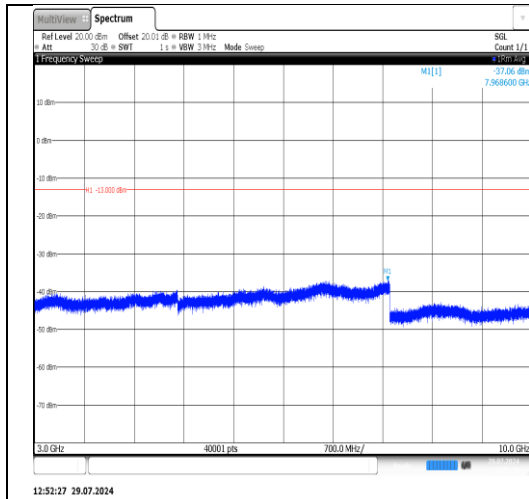




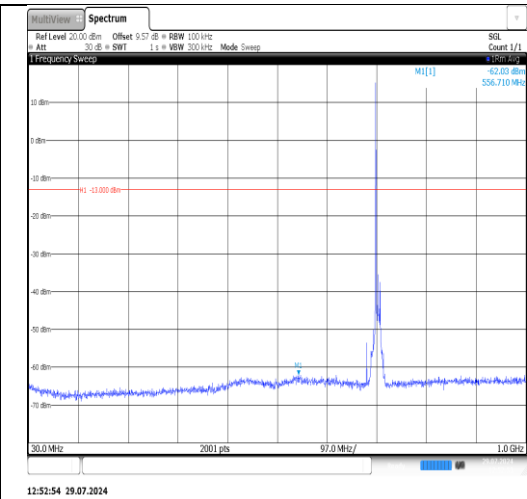




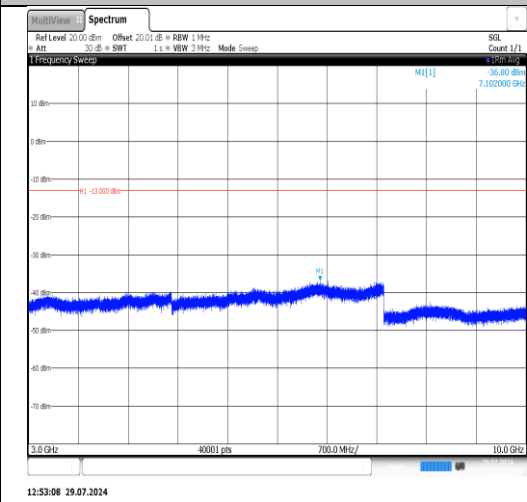
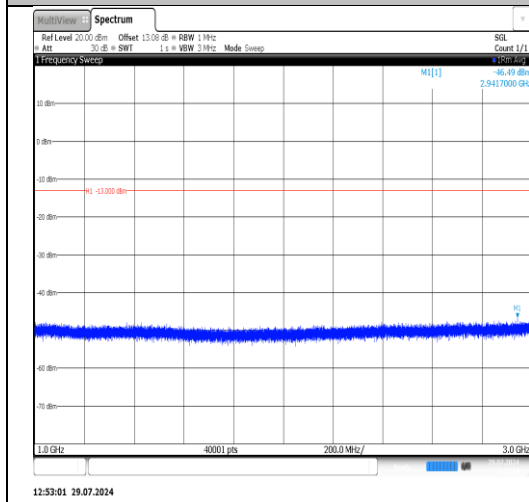




Band12-10MHz-16QAM-23130-1RB#0-
1000~3000-PASS



Band12-10MHz-16QAM-23130-1RB#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
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-8.48	-0.011986	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-9.10	-0.012862	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-14.39	-0.020339	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-16.61	-0.023477	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-3.26	-0.004608	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-6.48	-0.009159	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-8.74	-0.012353	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-8.96	-0.012664	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-9.17	-0.012961	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-10.84	-0.015322	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-9.21	-0.013018	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-9.21	-0.013018	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-10.69	-0.015110	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	1.73	0.002445	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-8.94	-0.012636	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-3.35	-0.004735	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-9.38	-0.013258	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-13.78	-0.019477	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-12.40	-0.017527	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.65	-0.005159	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-6.74	-0.009527	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-6.44	-0.009102	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-5.48	-0.007746	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-11.47	-0.016212	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-6.82	-0.009640	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-7.74	-0.010940	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-8.33	-0.011774	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-8.05	-0.011378	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-7.41	-0.010473	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-10.24	-0.014473	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-8.05	-0.011378	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-1.80	-0.002544	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-5.92	-0.008367	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-2.25	-0.003180	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-5.04	-0.007124	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-9.91	-0.014007	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-13.26	-0.018742	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-11.63	-0.016438	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	-6.49	-0.009173	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-11.52	-0.016283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-11.22	-0.015859	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-3.96	-0.005597	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-6.34	-0.008961	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-3.03	-0.004283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-9.78	-0.013823	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-11.27	-0.015929	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-9.94	-0.014049	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-10.39	-0.014686	±2.5	PASS