

Appendix for NB-IOT Band 13

Product Name: Remote Street Lighting Controller
Model No: AGIL LCU 302

Appendix A: Average Power Output Data

Test Result

Band	OpMode	SCS	BW	Modulation	Channel	Tones	Conducted POWER(dBm)	Verdict
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23181	1@0	21.24	PASS
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23181	1@47	21.21	PASS
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23230	1@0	21.10	PASS
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23230	1@47	20.96	PASS
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23279	1@0	21.05	PASS
Band 13	Stand-Al one	3.75kHz	NaN	BPSK	23279	1@47	21.00	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23181	1@0	21.31	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23181	1@47	21.23	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23230	1@0	21.17	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23230	1@47	21.00	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23279	1@0	21.18	PASS
Band 13	Stand-Al one	3.75kHz	NaN	QPSK	23279	1@47	21.03	PASS
Band 13	Stand-Al one	15kHz	NaN	BPSK	23181	1@0	21.38	PASS
Band 13	Stand-Al one	15kHz	NaN	BPSK	23181	1@11	21.35	PASS
Band 13	Stand-Al one	15kHz	NaN	BPSK	23230	1@0	21.30	PASS
Band 13	Stand-Al one	15kHz	NaN	BPSK	23230	1@11	21.28	PASS
Band 13	Stand-Al one	15kHz	NaN	BPSK	23279	1@0	21.26	PASS

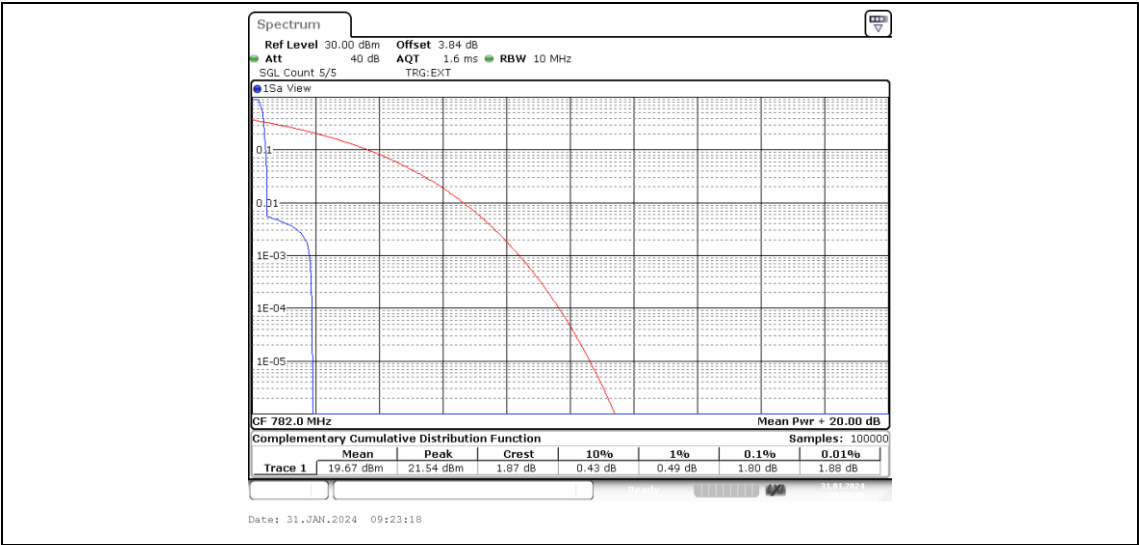
Band 13	Stand-Al one	15kHz	NaN	BPSK	23279	1@11	21.22	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23181	1@0	21.46	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23181	1@11	21.44	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23181	3@3	21.34	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23230	1@0	21.44	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23230	1@11	21.39	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23230	3@3	21.16	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23279	1@0	21.40	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23279	1@11	21.28	PASS
Band 13	Stand-Al one	15kHz	NaN	QPSK	23279	3@3	21.14	PASS

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

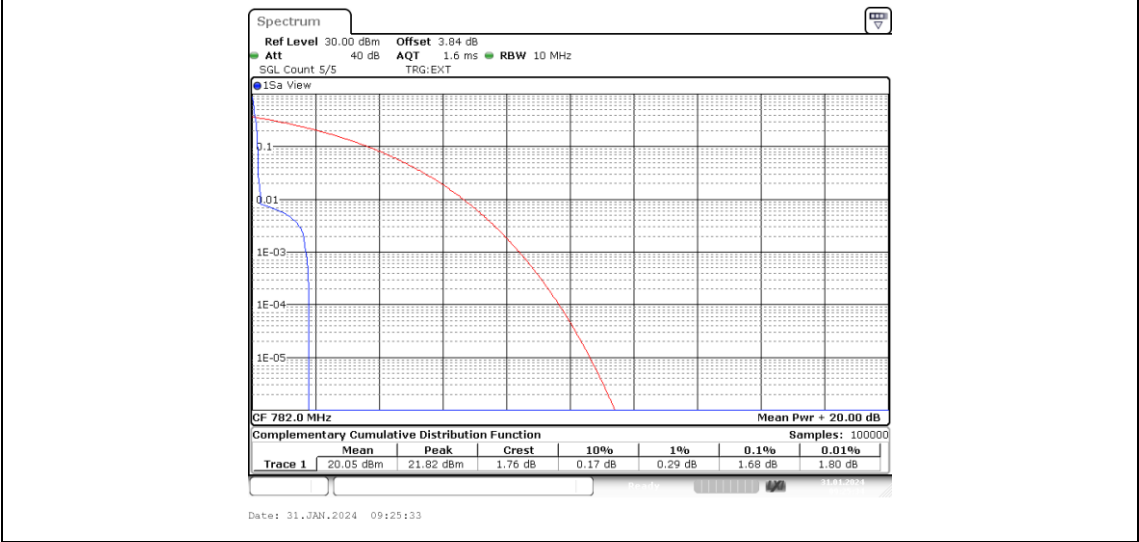
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Limit (dBm)	Verdict
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23230	1@0	1.8	<=13	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23230	1@47	1.68	<=13	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	1.51	<=13	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	1.39	<=13	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	1.33	<=13	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	1.45	<=13	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23230	1@0	1.42	<=13	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23230	1@11	1.48	<=13	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23230	3@3	3.42	<=13	PASS

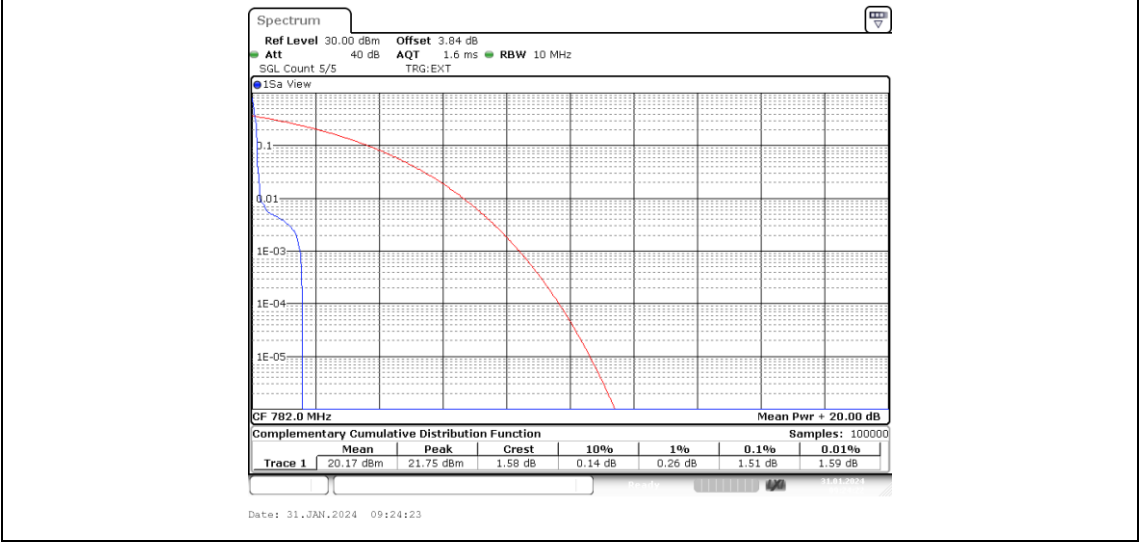
Test Graphs

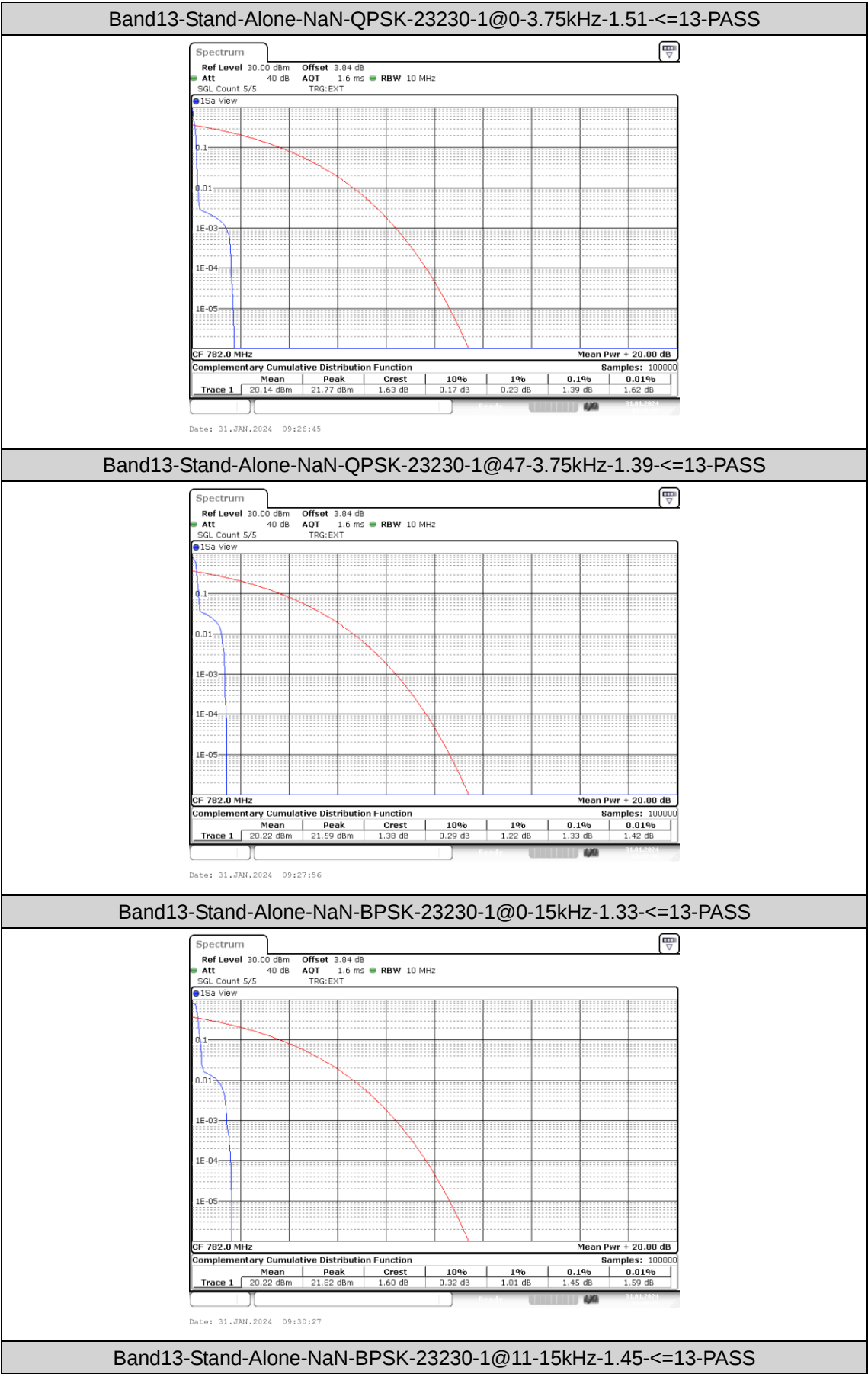


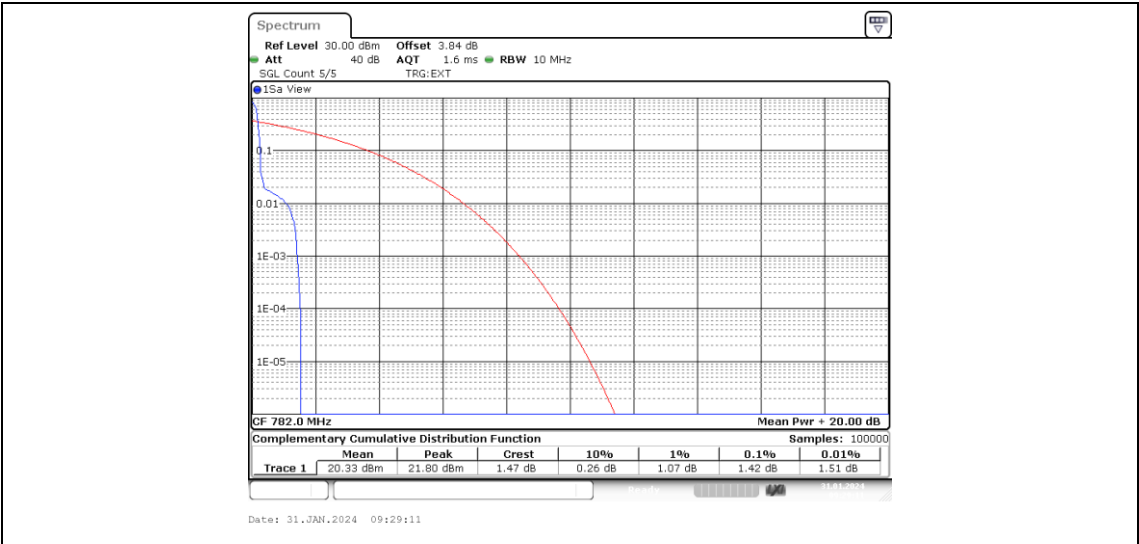
Band13-Stand-Alone-NaN-BPSK-23230-1@0-3.75kHz-1.8-<=13-PASS



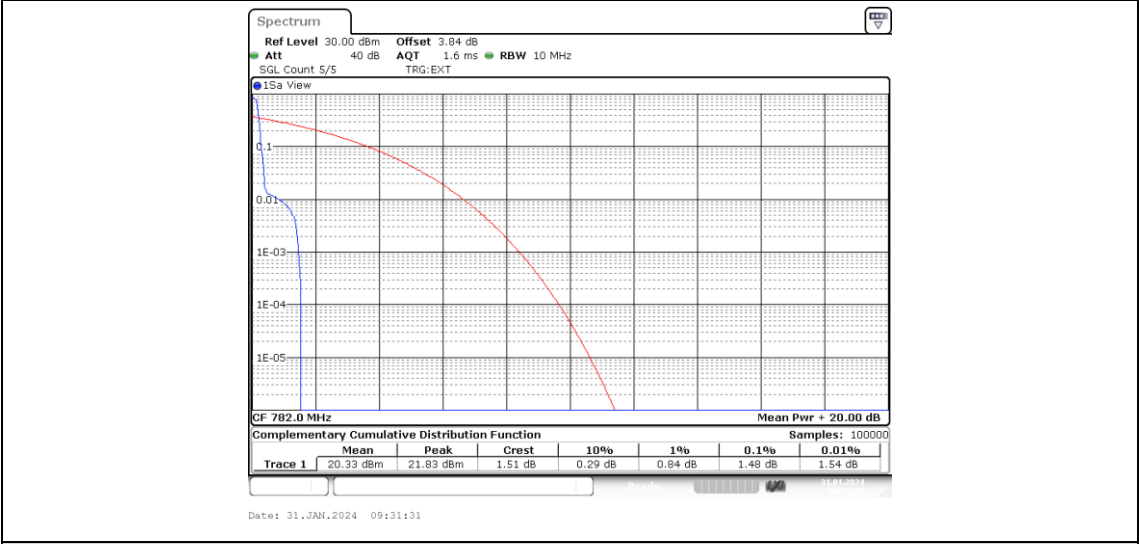
Band13-Stand-Alone-NaN-BPSK-23230-1@47-3.75kHz-1.68-<=13-PASS



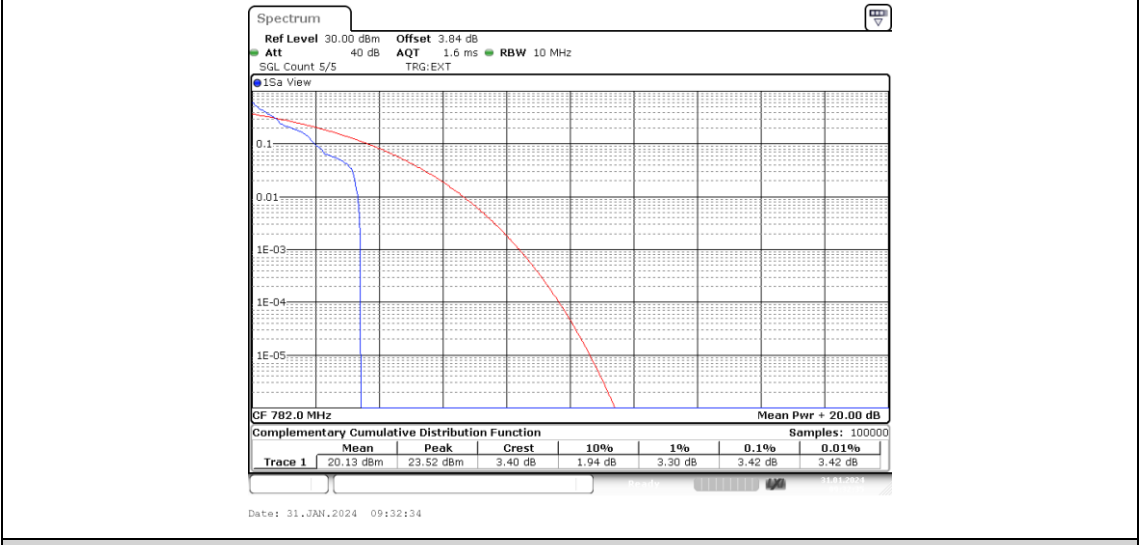




Band13-Stand-Alone-NaN-QPSK-23230-1@0-15kHz-1.42-<=13-PASS



Band13-Stand-Alone-NaN-QPSK-23230-1@11-15kHz-1.48-<=13-PASS



Band13-Stand-Alone-NaN-QPSK-23230-3@3-15kHz-3.42-<=13-PASS

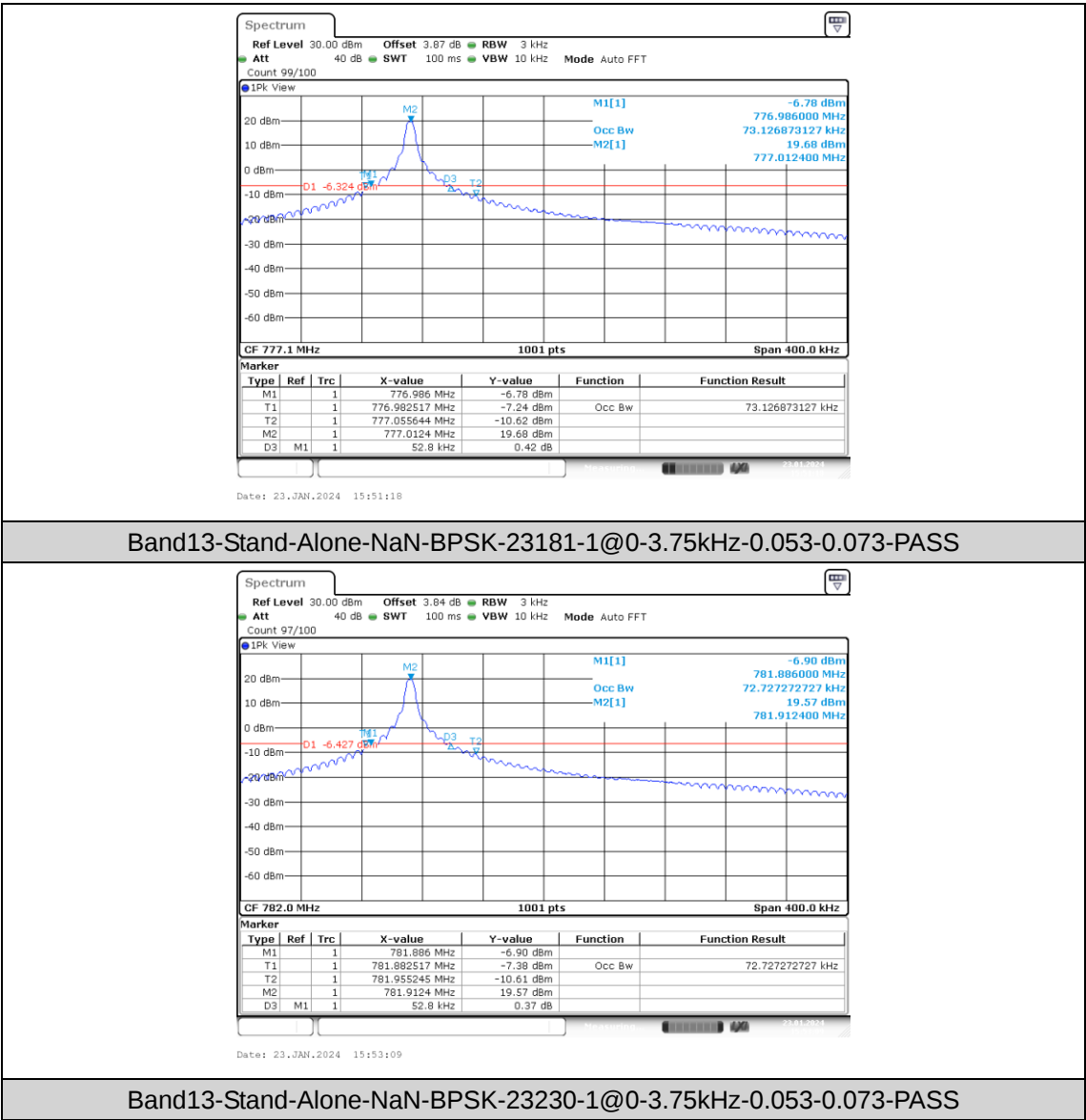
Appendix C: Emission Bandwidth

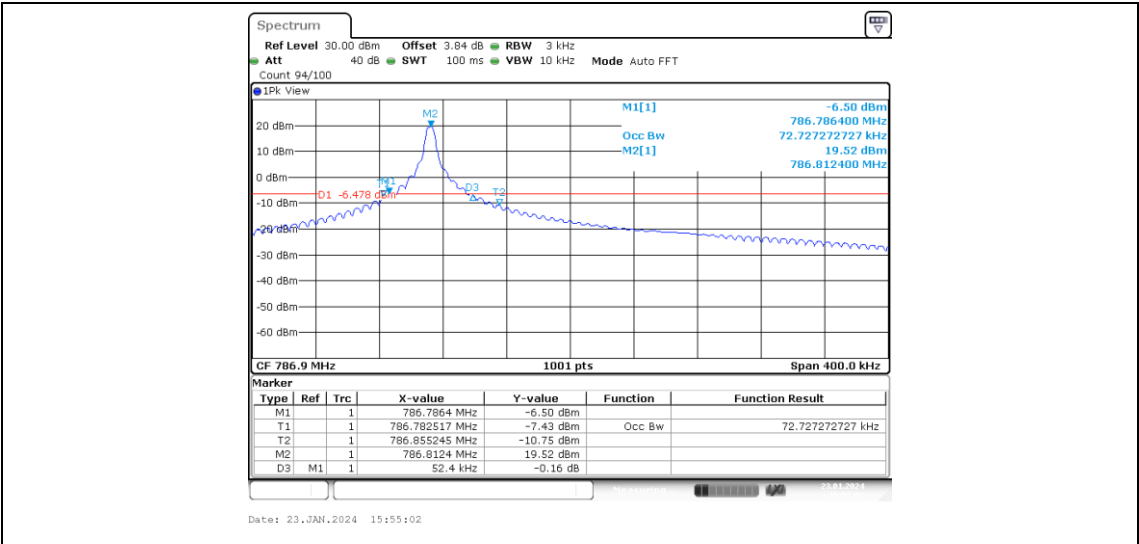
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	OBW(MHz)	EBW(MHz)	Verdict
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23181	1@0	0.073	0.053	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23230	1@0	0.073	0.053	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23279	1@0	0.073	0.052	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	0.087	0.054	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	0.087	0.054	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	0.087	0.054	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	0.133	0.108	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	12@0	0.184	0.250	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	0.133	0.108	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	12@0	0.184	0.250	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	0.133	0.108	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	12@0	0.184	0.250	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23181	1@0	0.13	0.118	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23181	12@0	0.184	0.250	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23230	1@0	0.13	0.118	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23230	12@0	0.184	0.250	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23279	1@0	0.13	0.118	PASS

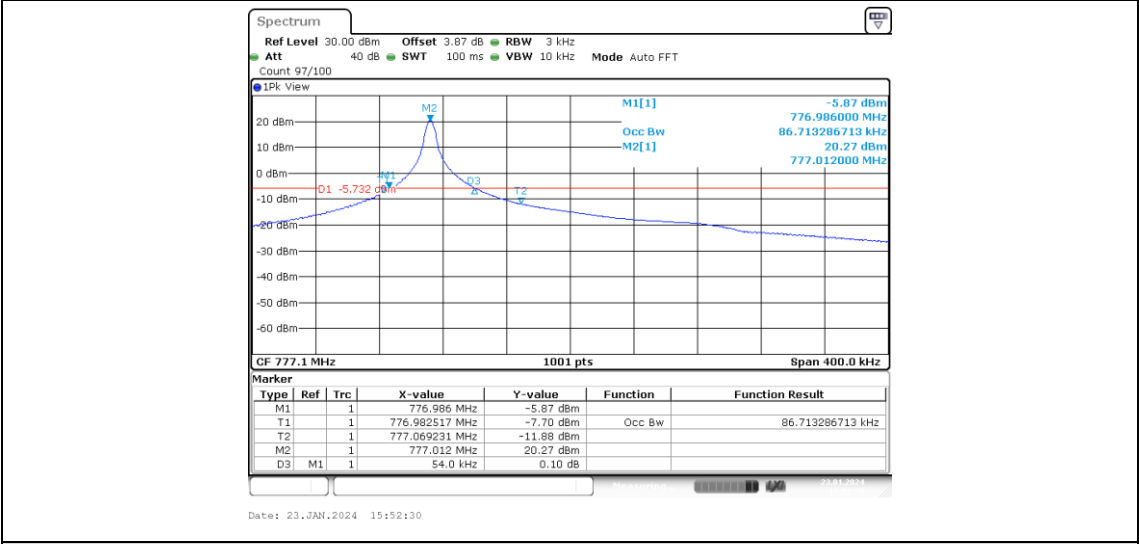
Band13	Stand-Al one	15kHz	NaN	QPSK	23279	12@0	0.184	0.250	PASS
--------	-----------------	-------	-----	------	-------	------	-------	-------	------

Test Graphs

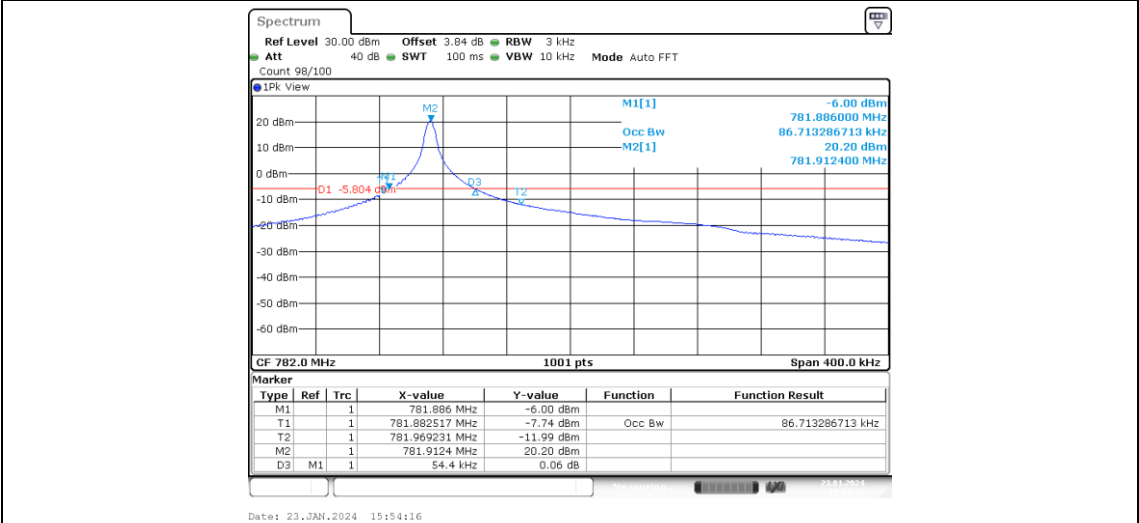




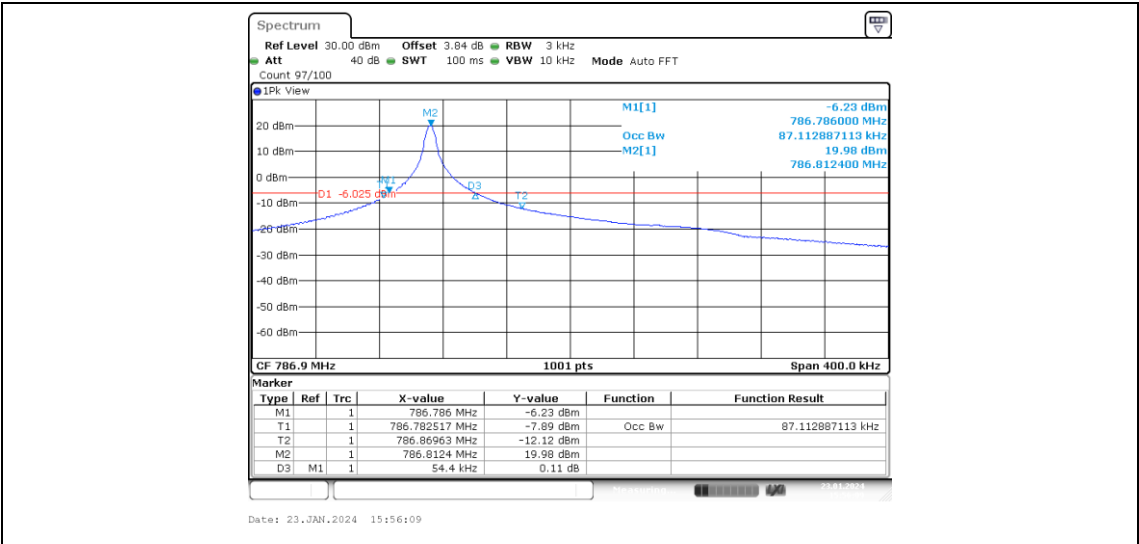
Band13-Stand-Alone-NaN-BPSK-23279-1@0-3.75kHz-0.052-0.073-PASS



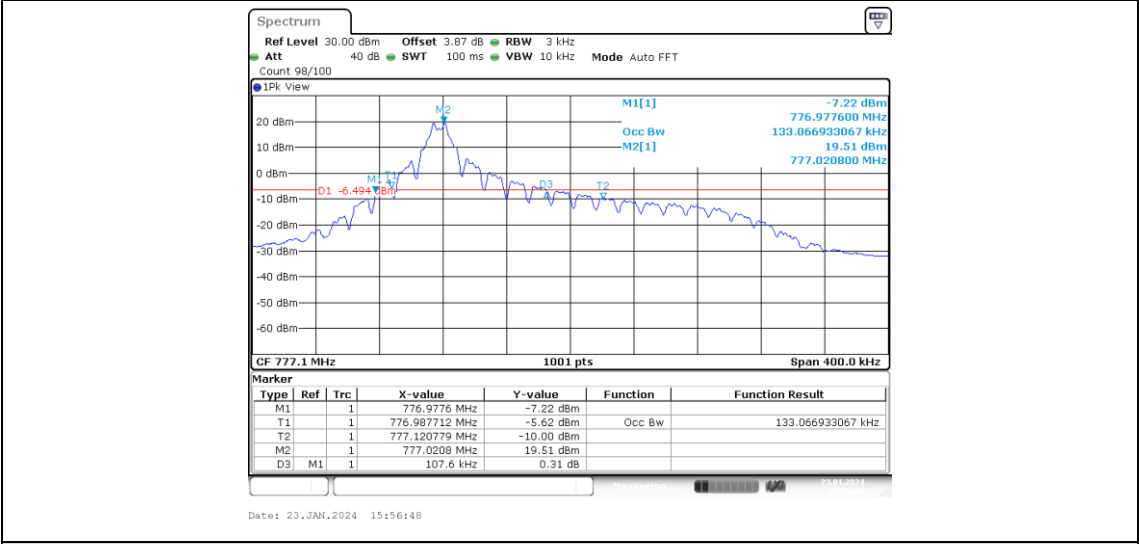
Band13-Stand-Alone-NaN-QPSK-23181-1@0-3.75kHz-0.054-0.087-PASS



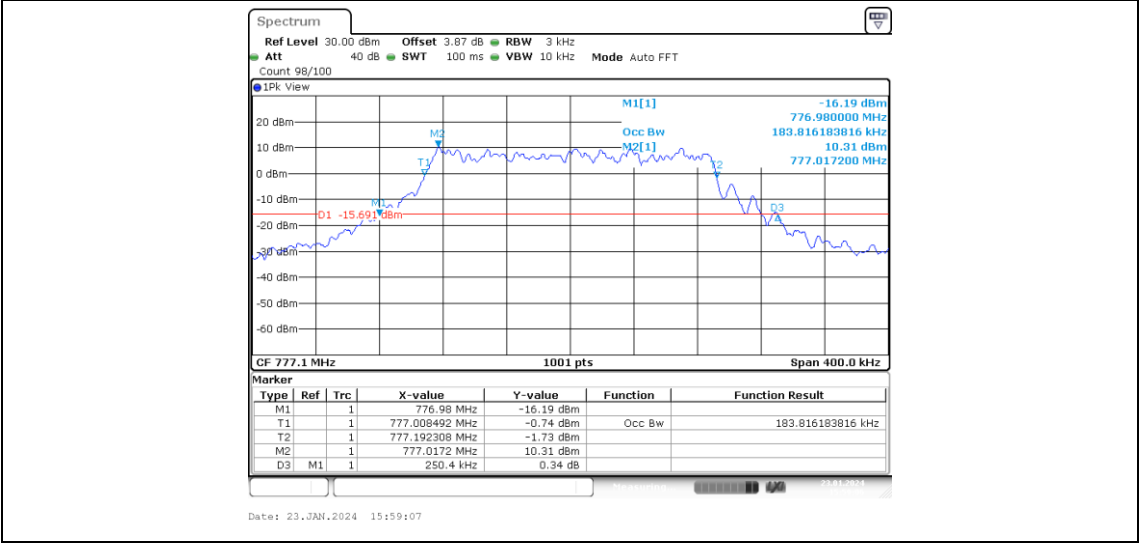
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-0.054-0.087-PASS



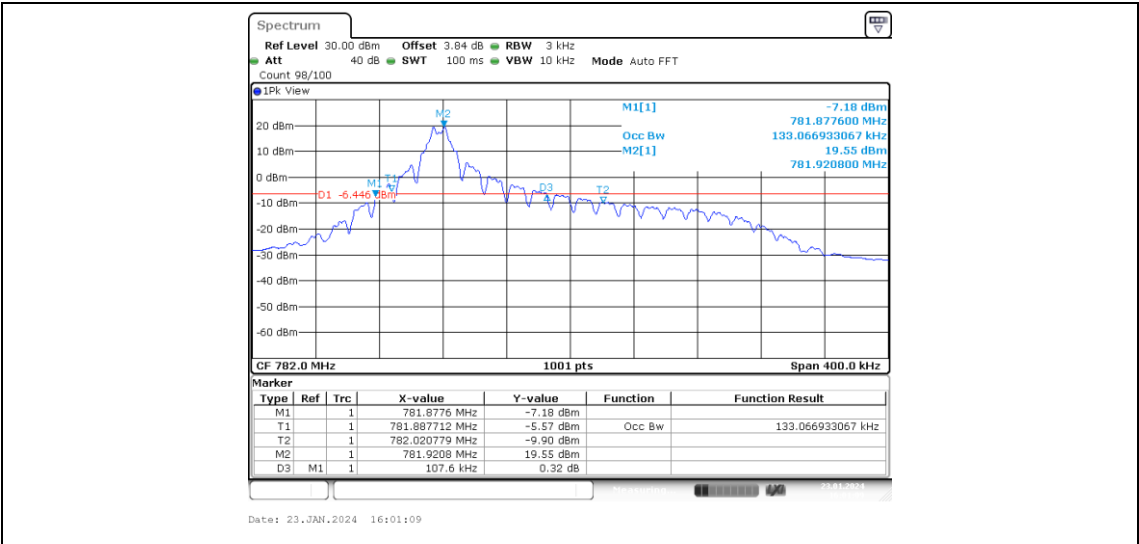
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-0.054-0.087-PASS



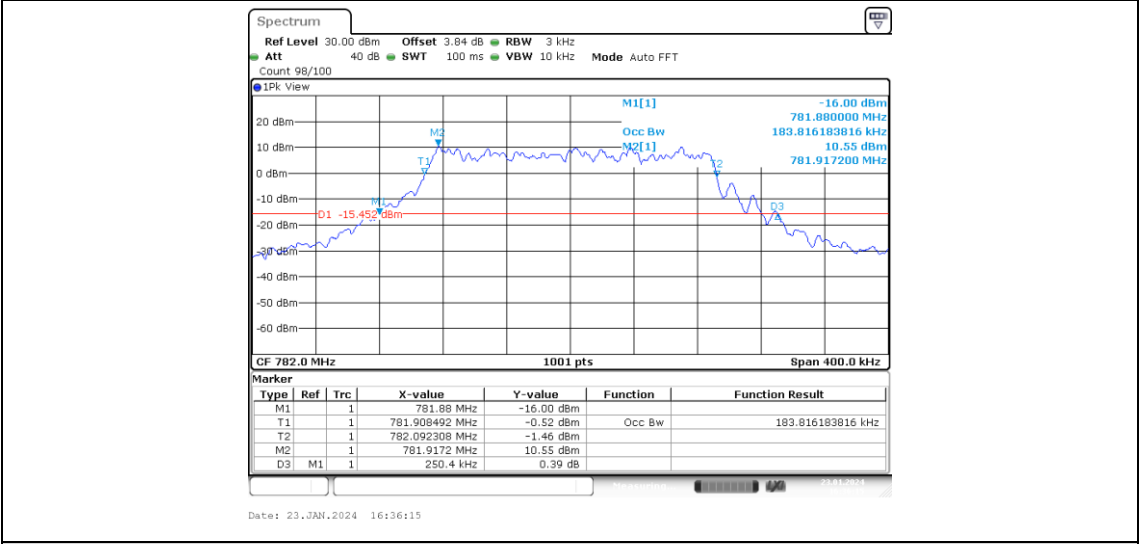
Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-0.108-0.133-PASS



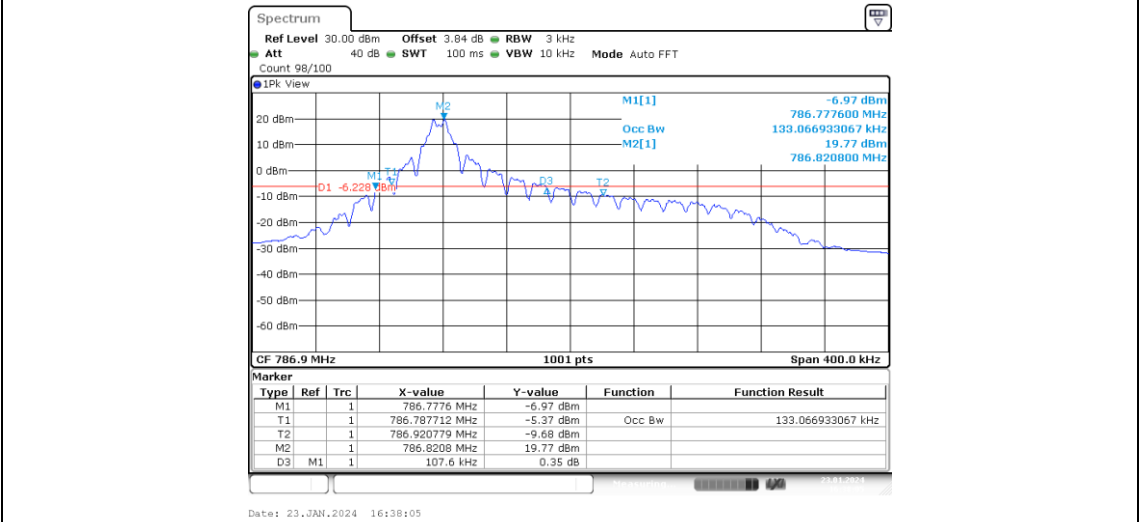
Band13-Stand-Alone-NaN-BPSK-23181-12@0-15kHz-0.250-0.184-PASS



Band13-Stand-Alone-NaN-BPSK-23230-1@0-15kHz-0.108-0.133-PASS



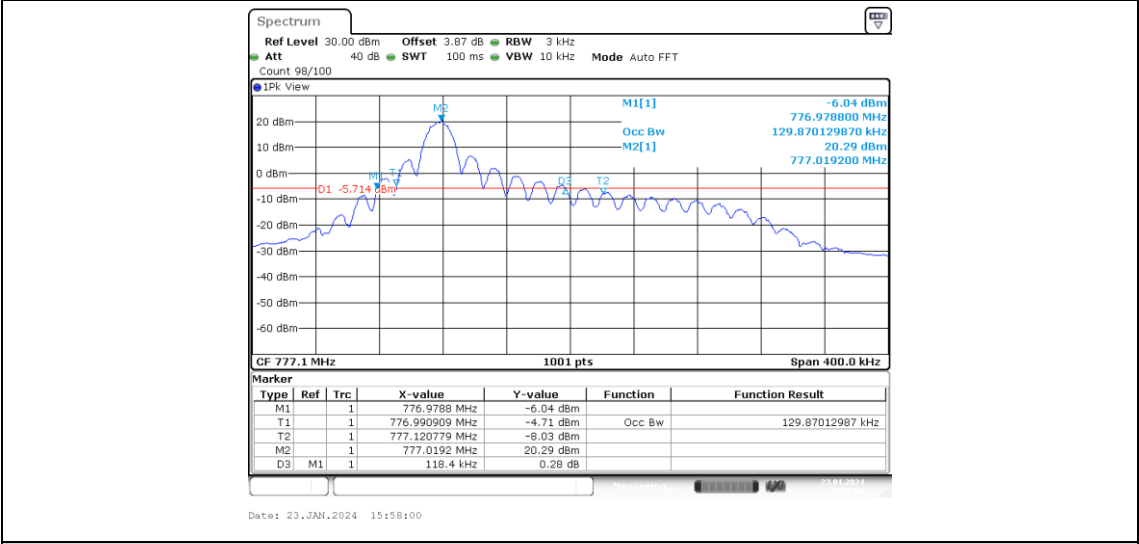
Band13-Stand-Alone-NaN-BPSK-23230-12@0-15kHz-0.250-0.184-PASS



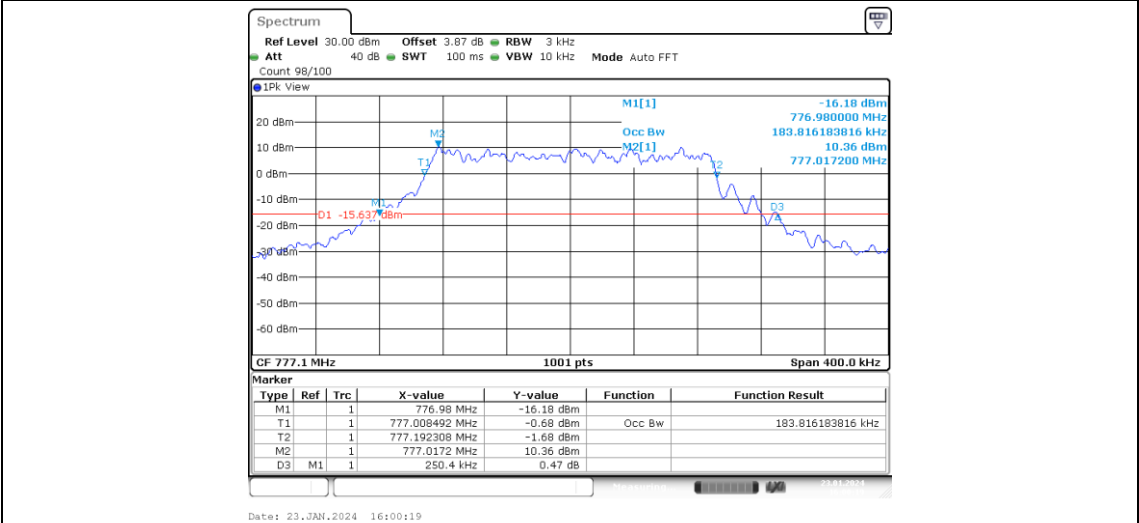
Band13-Stand-Alone-NaN-BPSK-23279-1@0-15kHz-0.108-0.133-PASS



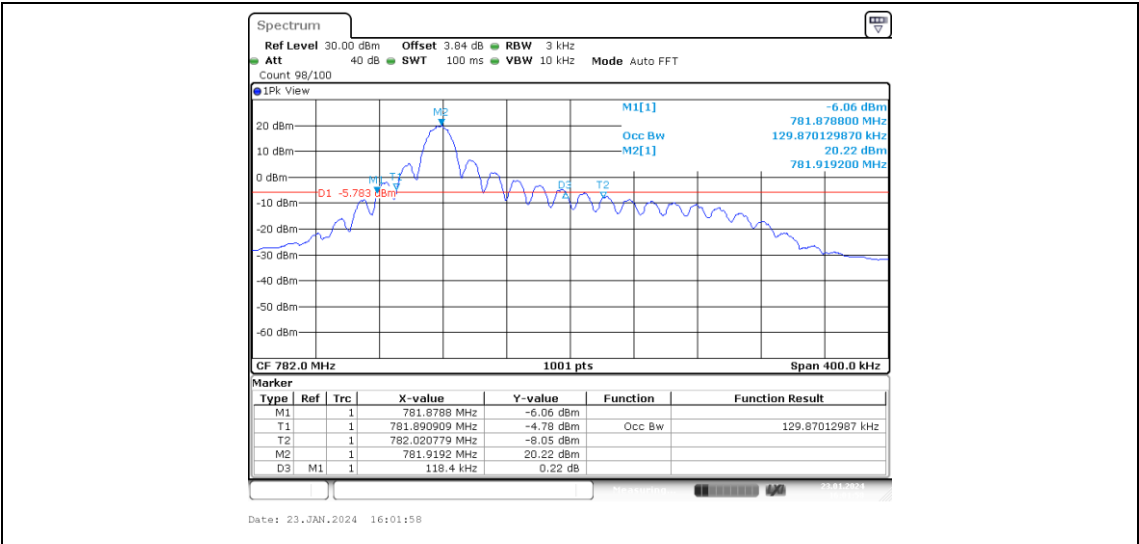
Band13-Stand-Alone-NaN-BPSK-23279-12@0-15kHz-0.250-0.184-PASS



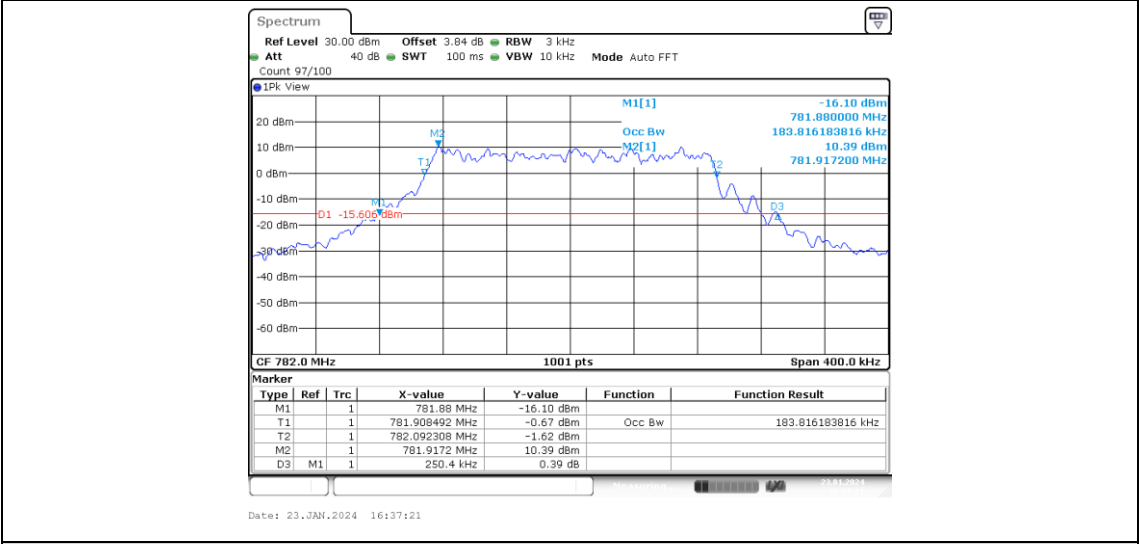
Band13-Stand-Alone-NaN-QPSK-23181-1@0-15kHz-0.118-0.13-PASS



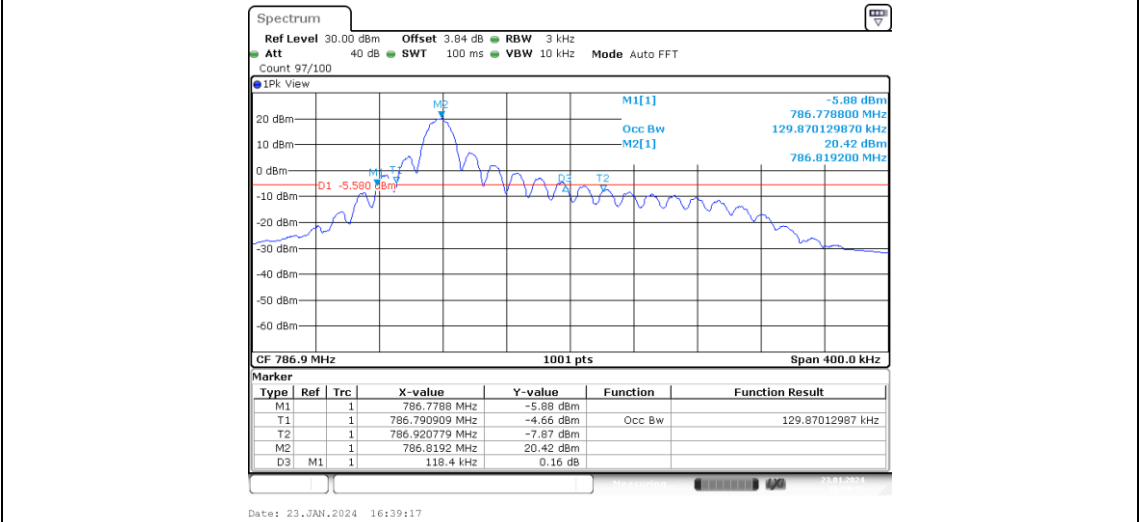
Band13-Stand-Alone-NaN-QPSK-23181-12@0-15kHz-0.250-0.184-PASS



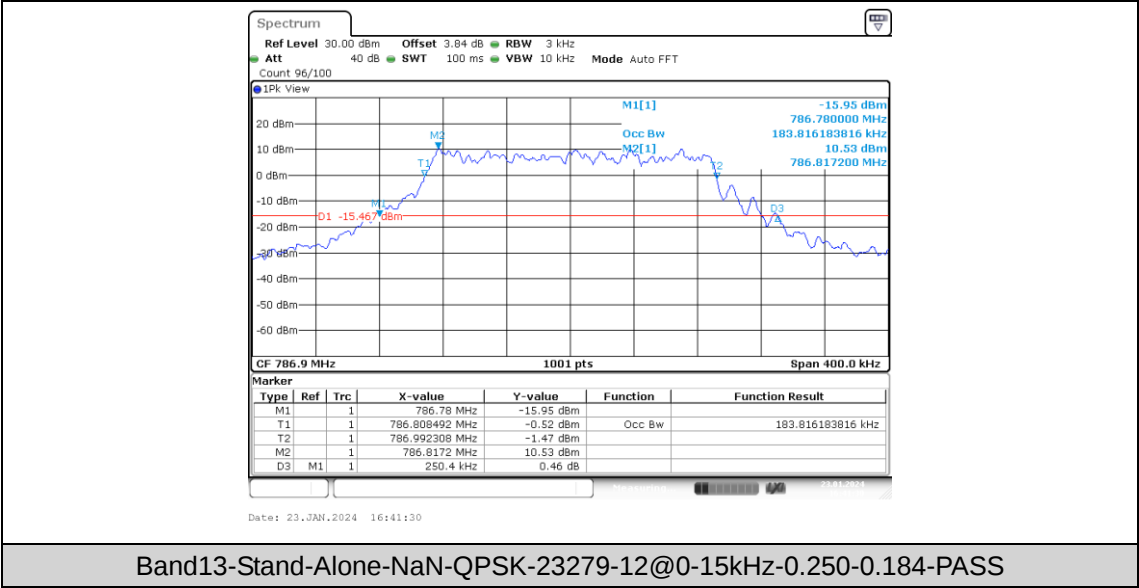
Band13-Stand-Alone-NaN-QPSK-23230-1@0-15kHz-0.118-0.13-PASS



Band13-Stand-Alone-NaN-QPSK-23230-12@0-15kHz-0.250-0.184-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@0-15kHz-0.118-0.13-PASS



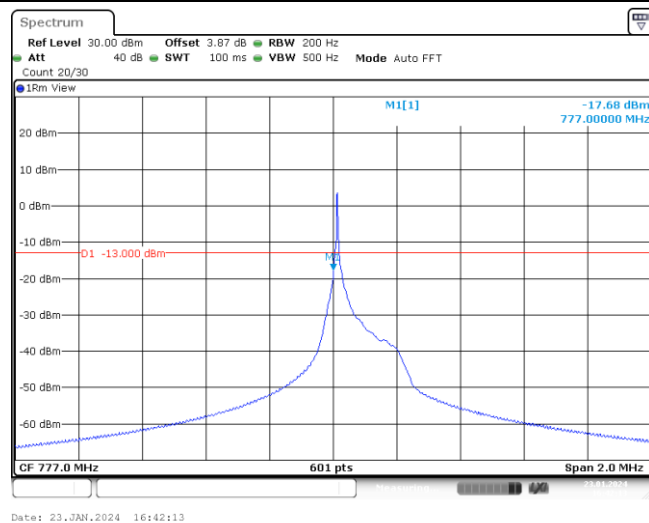
Appendix D: Band Edge

Test Result

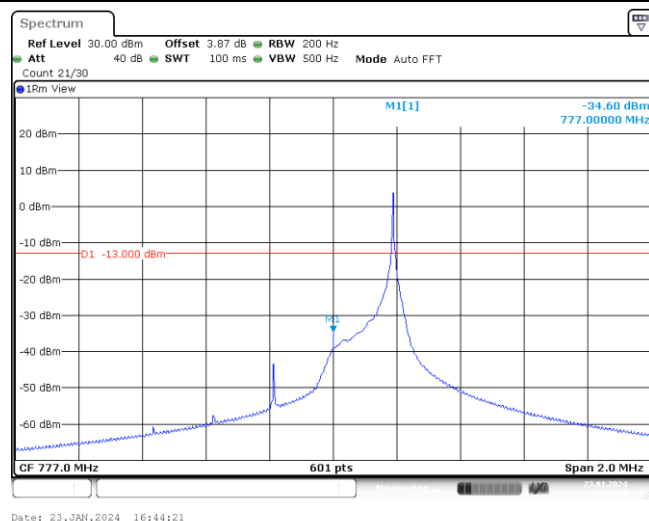
Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Verdict
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23181	1@0	-17.68	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23181	1@47	-34.60	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23279	1@0	-39.58	PASS
Band13	Stand-Alone	3.75kHz	NaN	BPSK	23279	1@47	-18.09	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	-19.42	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	-35.27	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	-41.06	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	-19.04	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	-16.33	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	-35.59	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	12@0	-25.74	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	-35.68	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@11	-17.02	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	12@0	-26.56	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23181	1@0	-18.37	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23181	1@11	-36.44	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23181	12@0	-24.9	PASS

							3	
Band13	Stand-Alone	15kHz	NaN	QPSK	23279	1@0	-36.3 6	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23279	1@11	-17.8 8	PASS
Band13	Stand-Alone	15kHz	NaN	QPSK	23279	12@0	-24.7 1	PASS

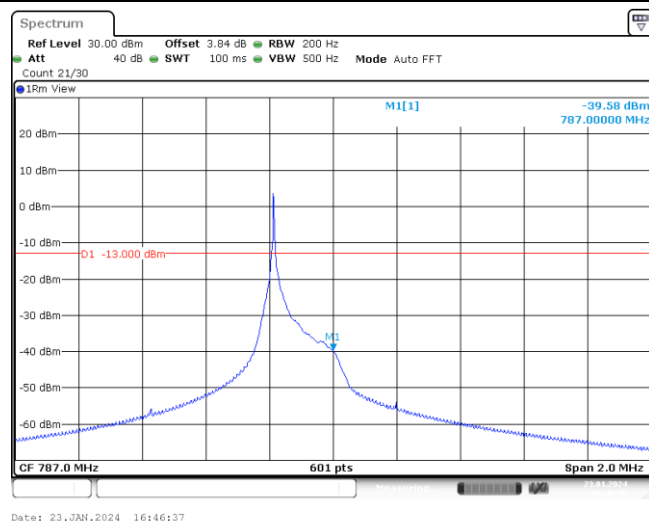
Test Graphs



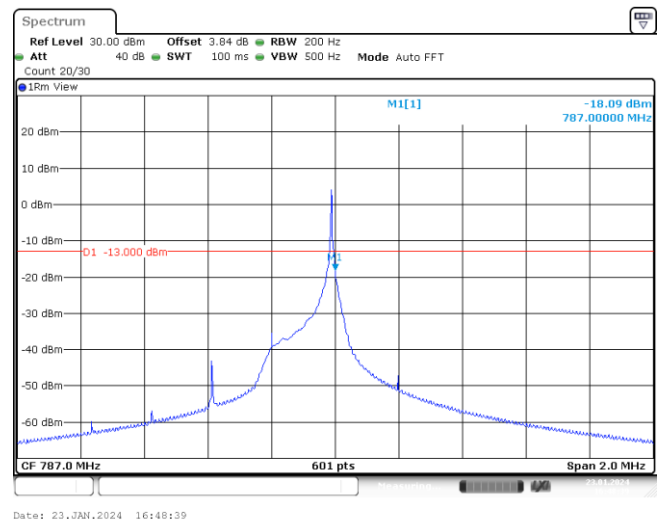
Band13-Stand-Alone-NaN-BPSK-23181-1@0-3.75kHz--17.68-PASS



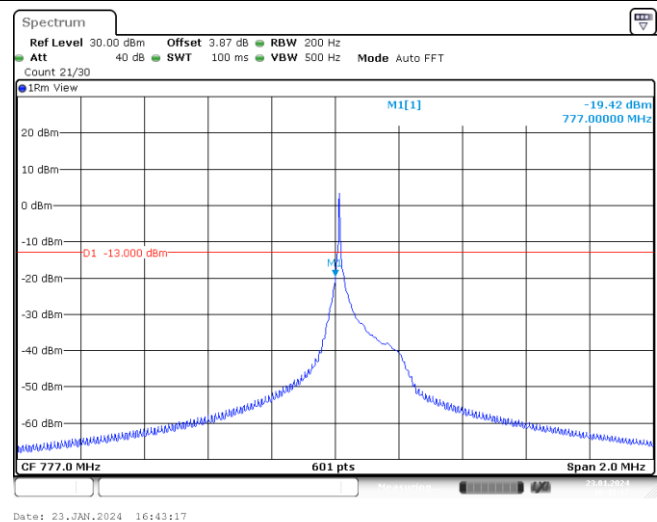
Band13-Stand-Alone-NaN-BPSK-23181-1@47-3.75kHz--34.60-PASS



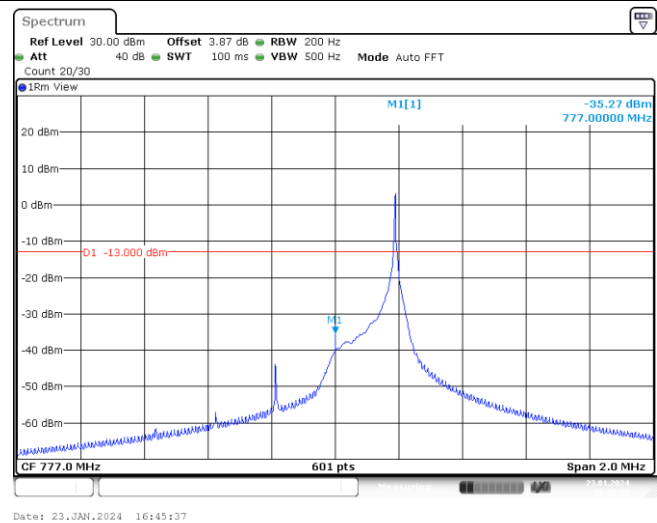
Band13-Stand-Alone-NaN-BPSK-23279-1@0-3.75kHz--39.58-PASS



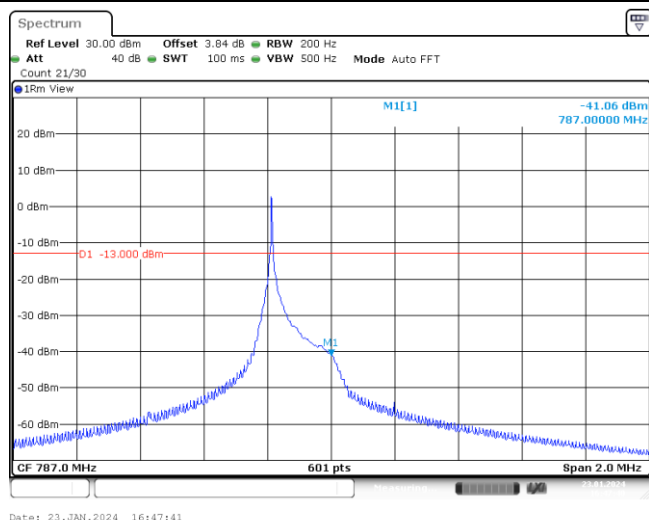
Band13-Stand-Alone-NaN-BPSK-23279-1@47-3.75kHz--18.09-PASS



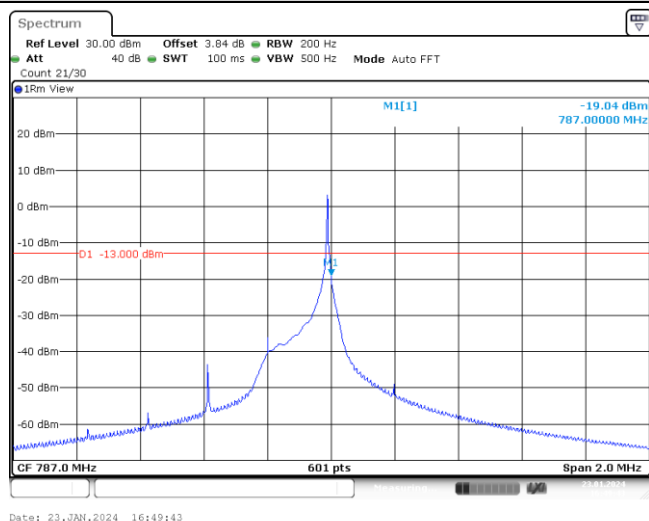
Band13-Stand-Alone-NaN-QPSK-23181-1@0-3.75kHz--19.42-PASS



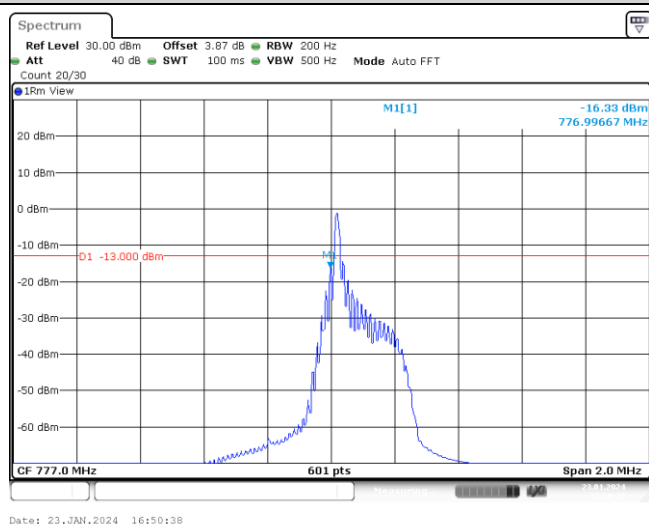
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz--35.27-PASS



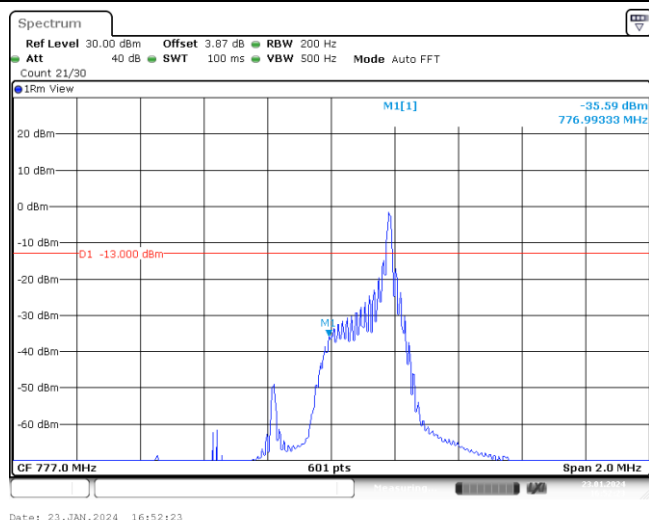
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz--41.06-PASS



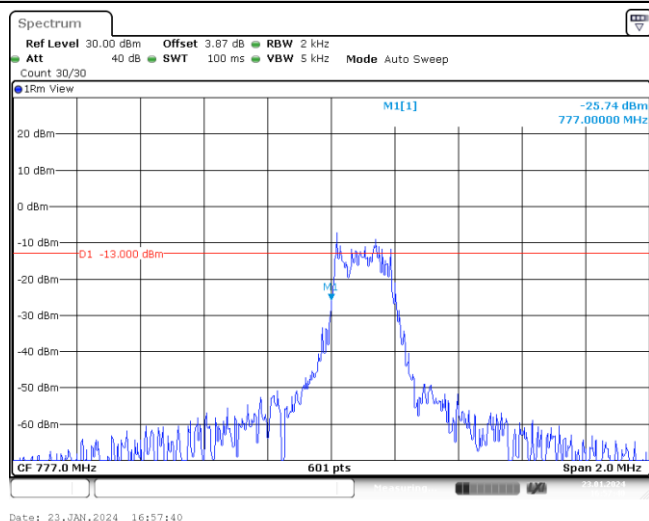
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz--19.04-PASS



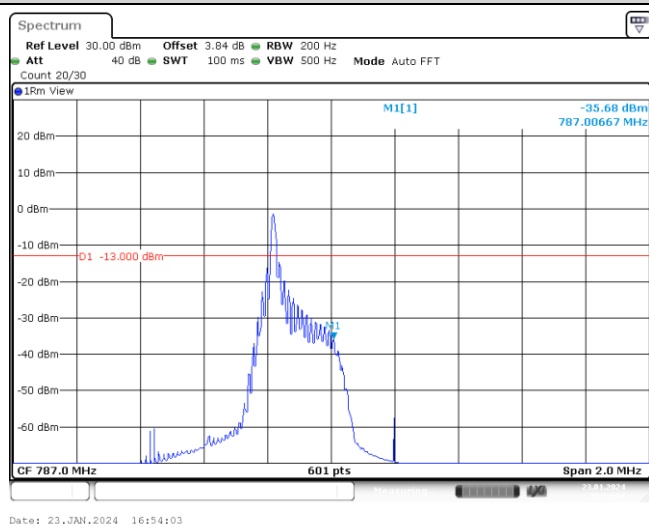
Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz--16.33-PASS



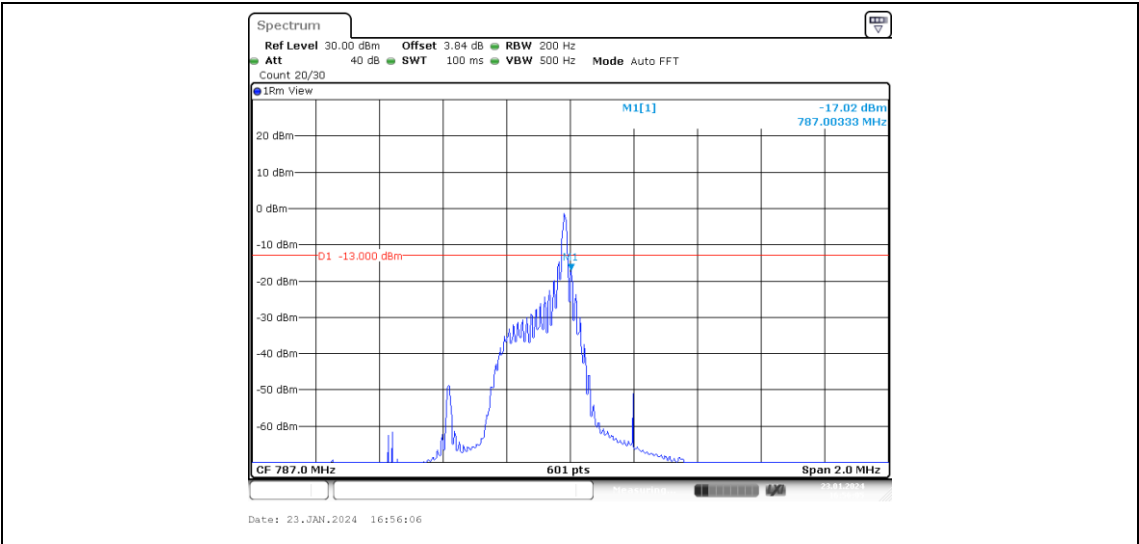
Band13-Stand-Alone-NaN-BPSK-23181-1@11-15kHz--35.59-PASS



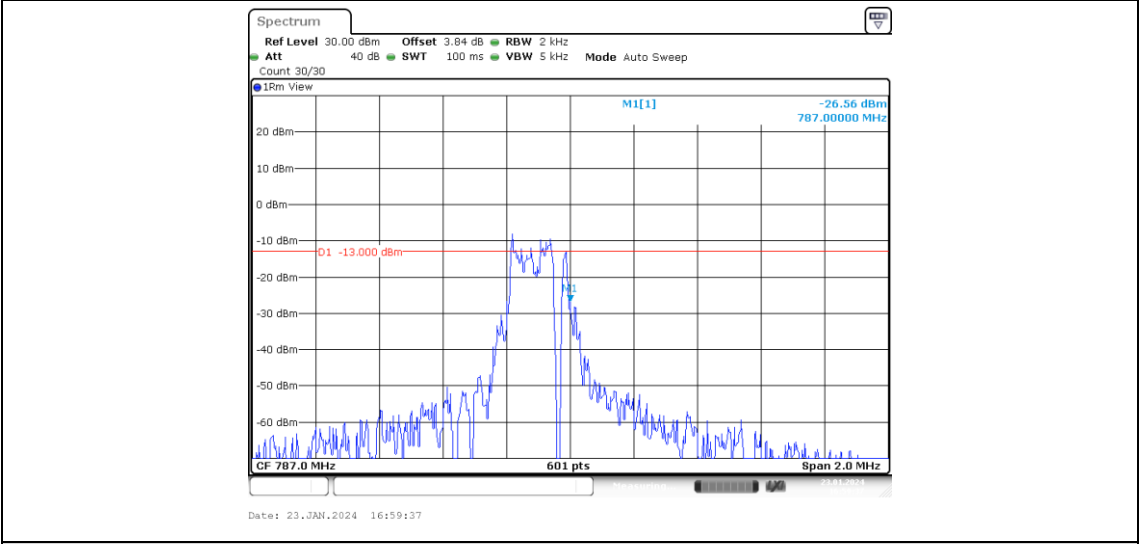
Band13-Stand-Alone-NaN-BPSK-23181-12@0-15kHz--25.74-PASS



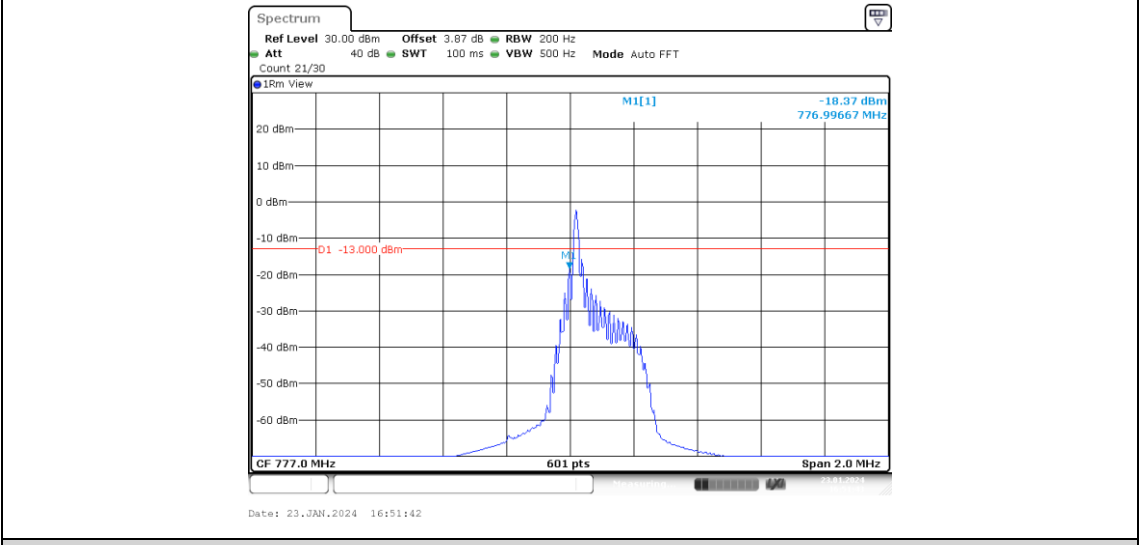
Band13-Stand-Alone-NaN-BPSK-23279-1@0-15kHz--35.68-PASS



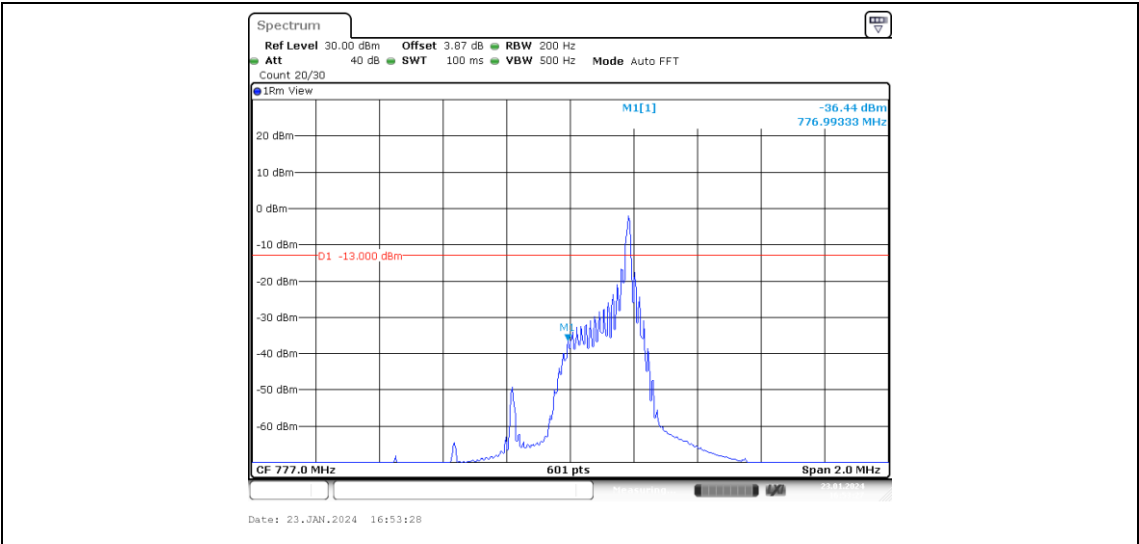
Band13-Stand-Alone-NaN-BPSK-23279-1@11-15kHz--17.02-PASS



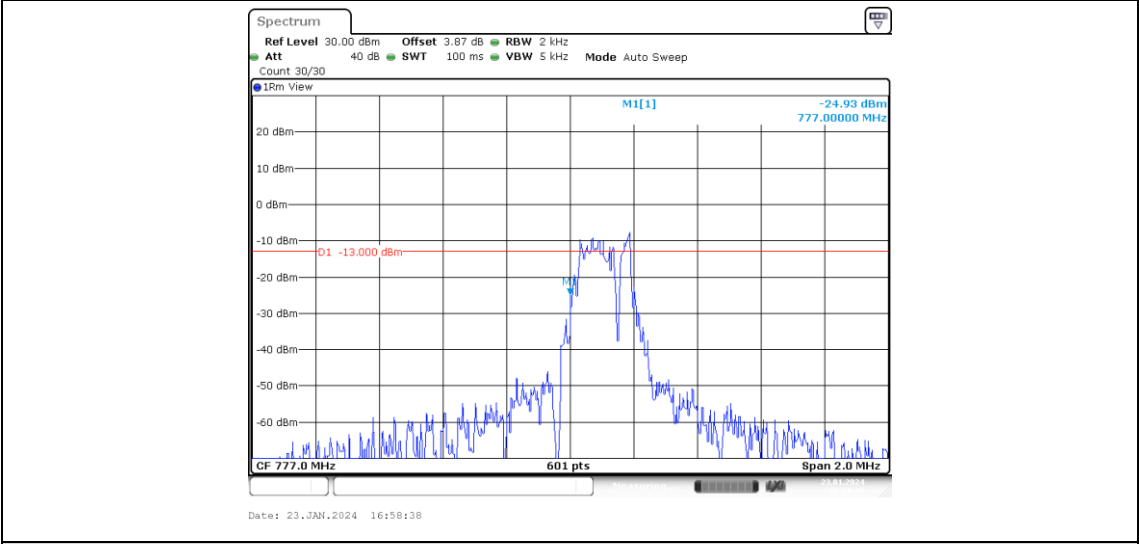
Band13-Stand-Alone-NaN-BPSK-23279-12@0-15kHz--26.56-PASS



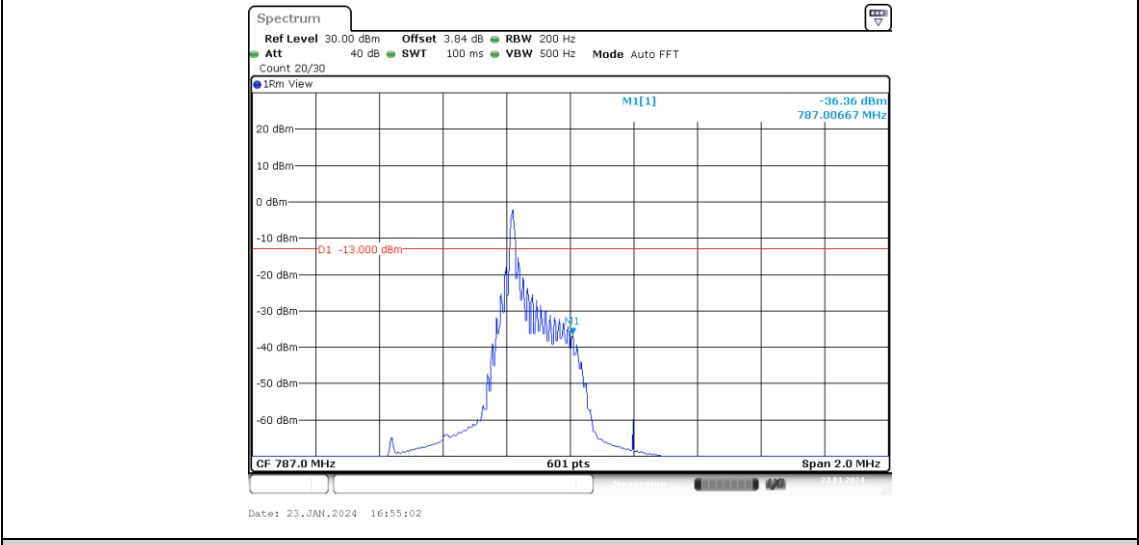
Band13-Stand-Alone-NaN-QPSK-23181-1@0-15kHz--18.37-PASS



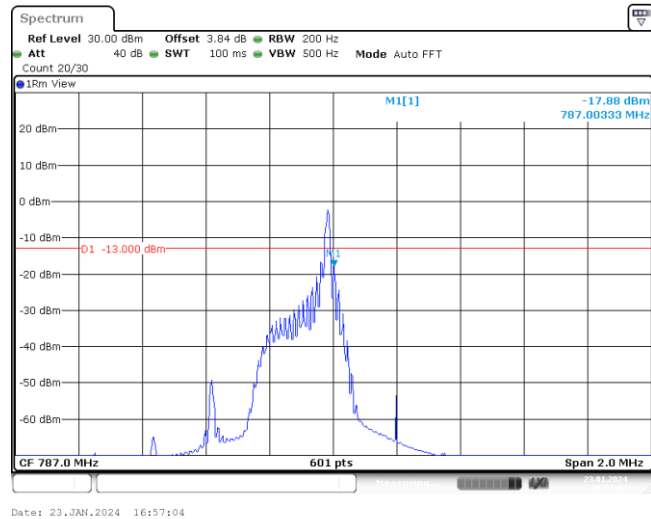
Band13-Stand-Alone-NaN-QPSK-23181-1@11-15kHz--36.44-PASS



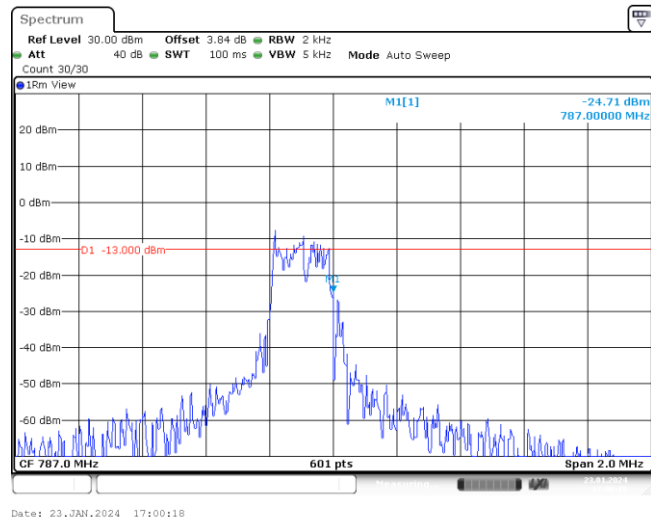
Band13-Stand-Alone-NaN-QPSK-23181-12@0-15kHz--24.93-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@0-15kHz--36.36-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@11-15kHz--17.88-PASS



Band13-Stand-Alone-NaN-QPSK-23279-12@0-15kHz--24.71-PASS

Appendix E: Conducted Spurious Emission

Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Freq Start [MHz]	Freq Stop [MHz]	Result (dBm)	Limit (dBm)	Verdict
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	0.009	0.15	-76.72	-33	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	0.15	30	-75.84	-23	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	30	1000	-64.62	-13	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	763	775	-54.29	-35	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	793	805	-61.77	-35	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	1000	1000 0	-50.16	-13	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	1559	1610	-51.49	-50	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	0.009	0.15	-74.86	-33	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	0.15	30	-73.79	-23	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	30	1000	-64.43	-13	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	763	775	-53.87	-35	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	793	805	-62.5	-35	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	1000	1000 0	-50.24	-13	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	1559	1610	-51.49	-50	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	0.009	0.15	-76.65	-33	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	0.15	30	-71.92	-23	PASS
Band1 3	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	30	1000	-64.87	-13	PASS

Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@0	763	775	-63.01	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@0	793	805	-63.25	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@0	1000	1000 0	-50.12	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@0	1559	1610	-51.54	-50	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	0.009	0.15	-75.45	-33	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	0.15	30	-75.65	-23	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	30	1000	-64.96	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	763	775	-63.97	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	793	805	-63.5	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	1000	1000 0	-50.37	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23230	1@47	1559	1610	-51.47	-50	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	0.009	0.15	-76.81	-33	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	0.15	30	-75.36	-23	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	30	1000	-64.84	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	763	775	-63.95	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	793	805	-61.08	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	1000	1000 0	-50.42	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@0	1559	1610	-51.08	-50	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	0.009	0.15	-74.09	-33	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	0.15	30	-75.73	-23	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	30	1000	-64.88	-13	PASS
Band1	Stand-Alon	3.75kHz	NaN	QPSK	23279	1@47	763	775	-63.07	-35	PASS

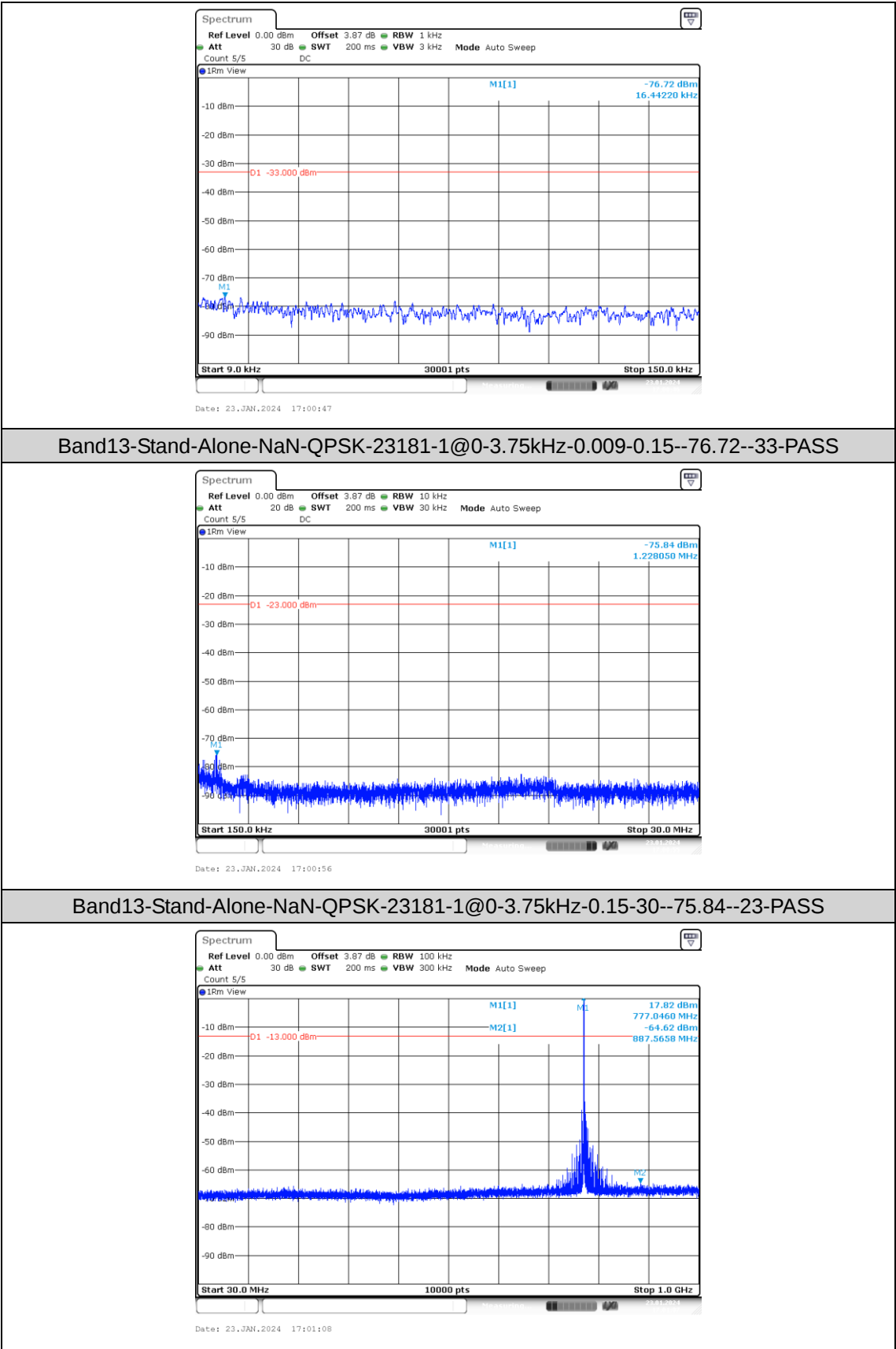
3	e										
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	793	805	-61.88	-35	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	1000	1000 0	-50.29	-13	PASS
Band1 3	Stand-Alon e	3.75kHz	NaN	QPSK	23279	1@47	1559	1610	-51.07	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	0.009	0.15	-76.29	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	0.15	30	-77.07	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	30	1000	-63.78	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	763	775	-66.27	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	793	805	-64	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	1000	1000 0	-50.31	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@0	1559	1610	-51.48	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	0.009	0.15	-75.88	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	0.15	30	-68.99	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	30	1000	-62.5	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	763	775	-66.76	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	793	805	-64.09	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	1000	1000 0	-50.24	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23181	1@11	1559	1610	-51.49	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	0.009	0.15	-76.26	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	0.15	30	-75.2	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	30	1000	-60.6	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	763	775	-66.64	-35	PASS

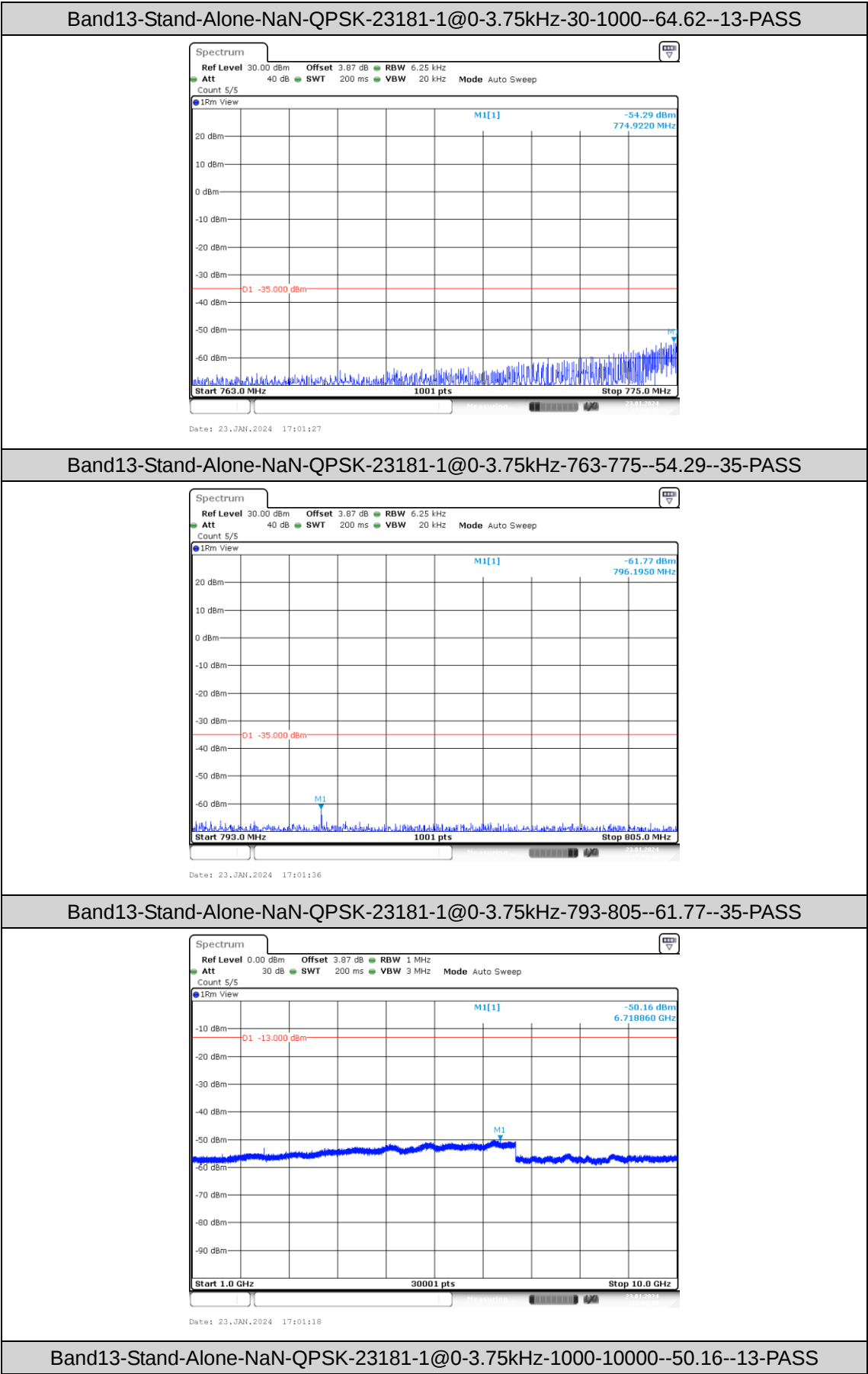
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	793	805	-63.81	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	1000	1000 0	-50.43	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@0	1559	1610	-51.53	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	0.009	0.15	-75.57	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	0.15	30	-72.69	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	30	1000	-64.77	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	763	775	-66.63	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	793	805	-63.14	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	1000	1000 0	-50.37	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23230	1@11	1559	1610	-51.46	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	0.009	0.15	-75.11	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	0.15	30	-74.21	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	30	1000	-58.76	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	763	775	-64.53	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	793	805	-66.26	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	1000	1000 0	-50.06	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@0	1559	1610	-51.42	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	0.009	0.15	-76.43	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	0.15	30	-68.44	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	30	1000	-64.01	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	763	775	-61.74	-35	PASS
Band1	Stand-Alon	15kHz	NaN	BPSK	23279	1@11	793	805	-66.88	-35	PASS

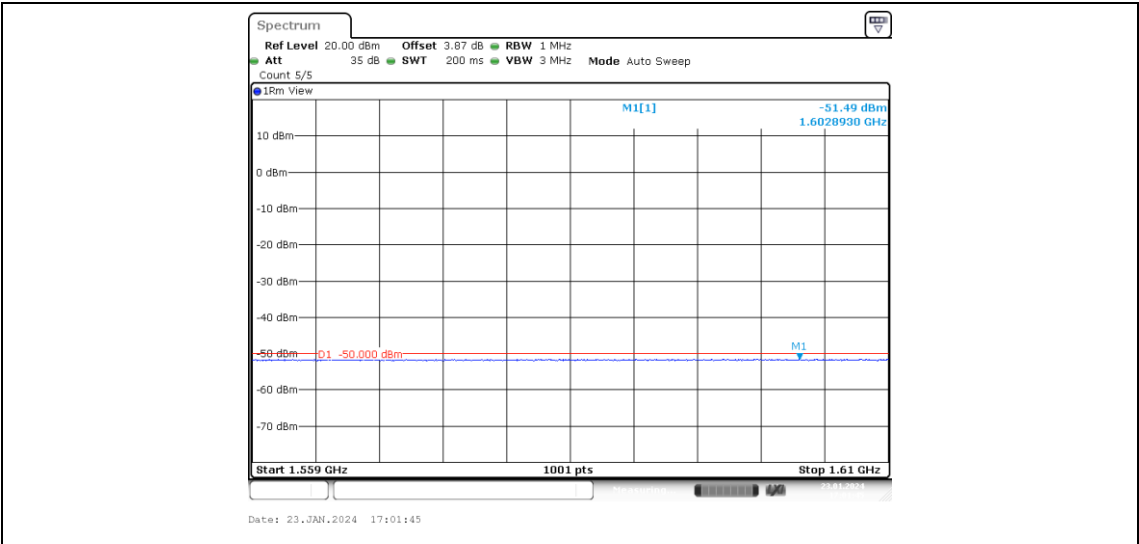
3	e										
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	1000	1000 0	-50.2	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	BPSK	23279	1@11	1559	1610	-51.55	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	0.009	0.15	-74.93	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	0.15	30	-71.84	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	30	1000	-64.89	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	763	775	-66.49	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	793	805	-66.61	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	1000	1000 0	-50.05	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23181	12@0	1559	1610	-51.49	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	0.009	0.15	-76.11	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	0.15	30	-71.3	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	30	1000	-65.01	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	763	775	-66.45	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	793	805	-66.55	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	1000	1000 0	-50.27	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23230	12@0	1559	1610	-51.41	-50	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	0.009	0.15	-75.78	-33	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	0.15	30	-76.06	-23	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	30	1000	-65.04	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	763	775	-66.44	-35	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	793	805	-66.33	-35	PASS

Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	1000	1000 0	-50.42	-13	PASS
Band1 3	Stand-Alon e	15kHz	NaN	QPSK	23279	12@0	1559	1610	-51.51	-50	PASS

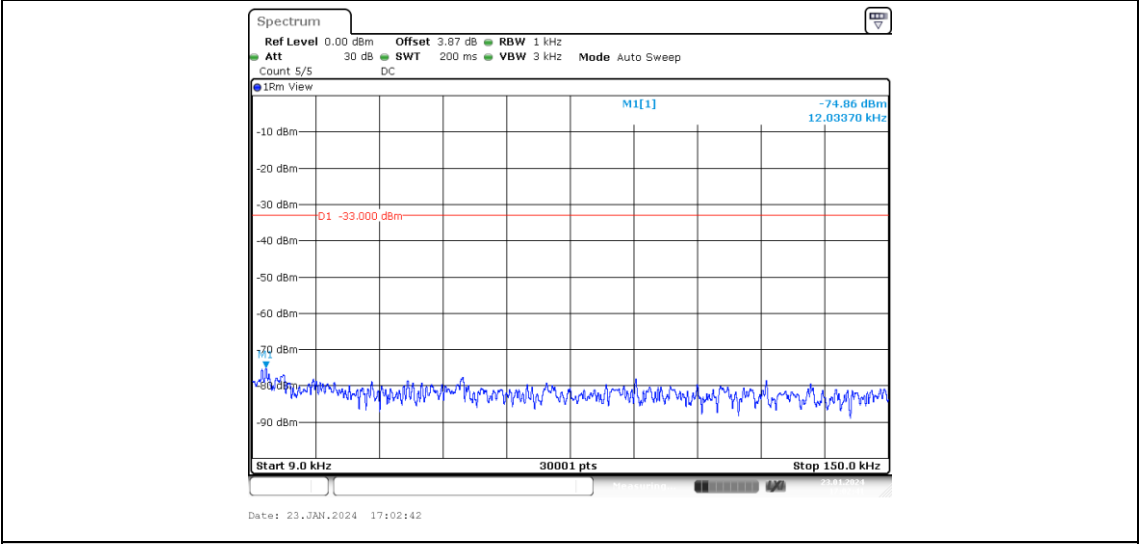
Test Graphs



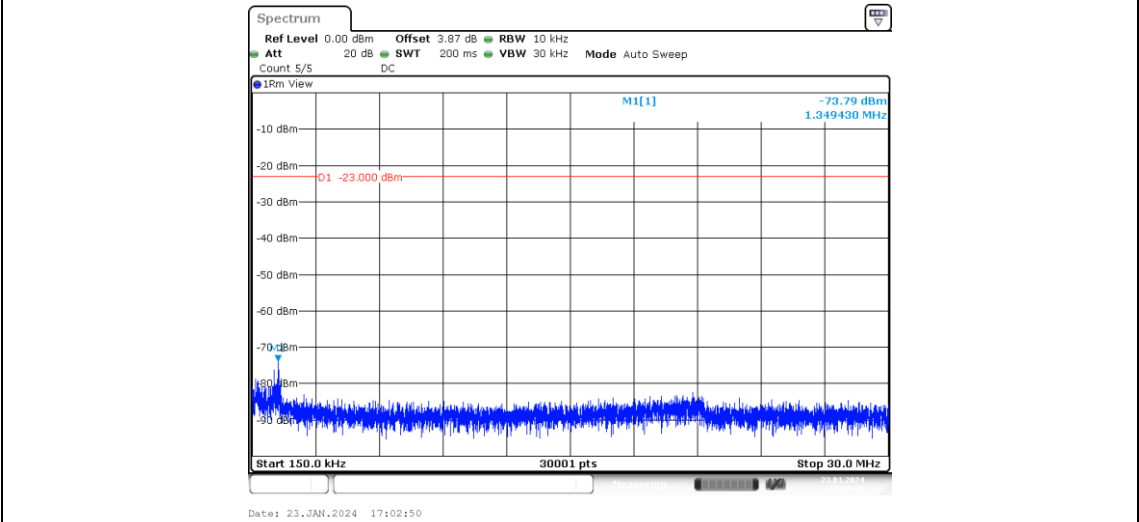




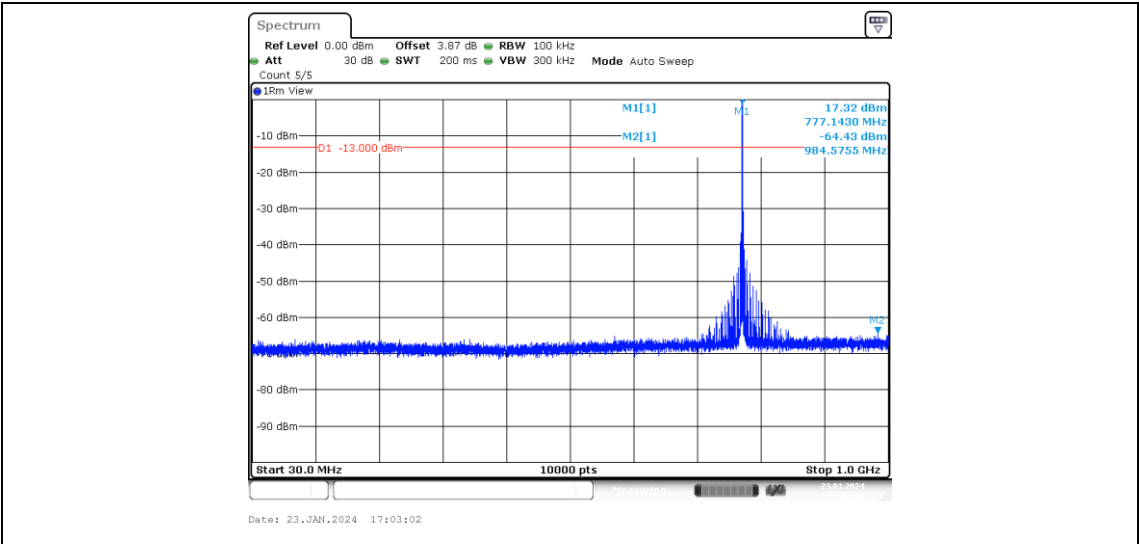
Band13-Stand-Alone-NaN-QPSK-23181-1@0-3.75kHz-1559-1610--51.49--50-PASS



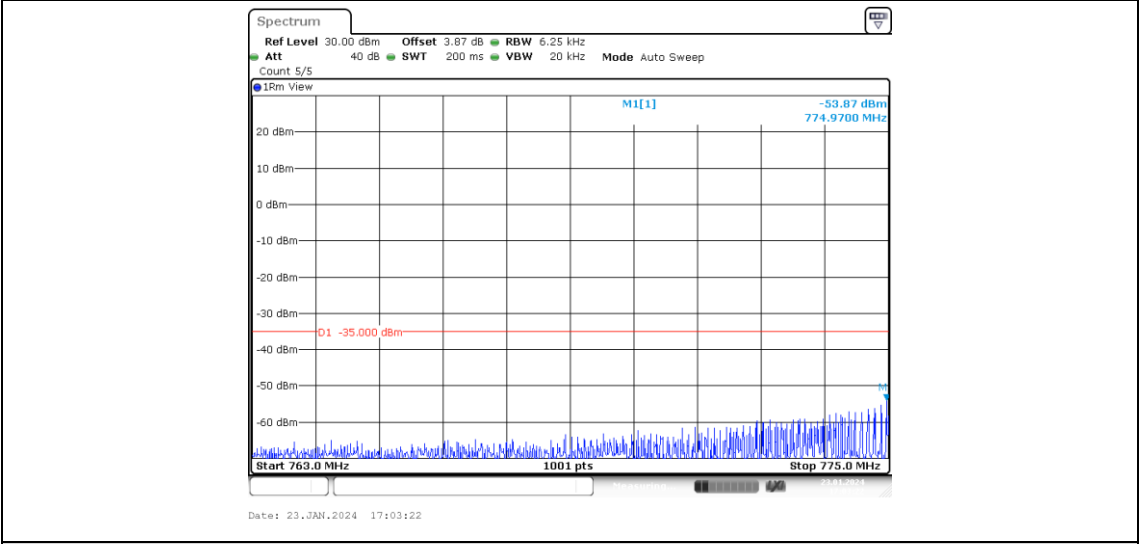
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-0.009-0.15--74.86--33-PASS



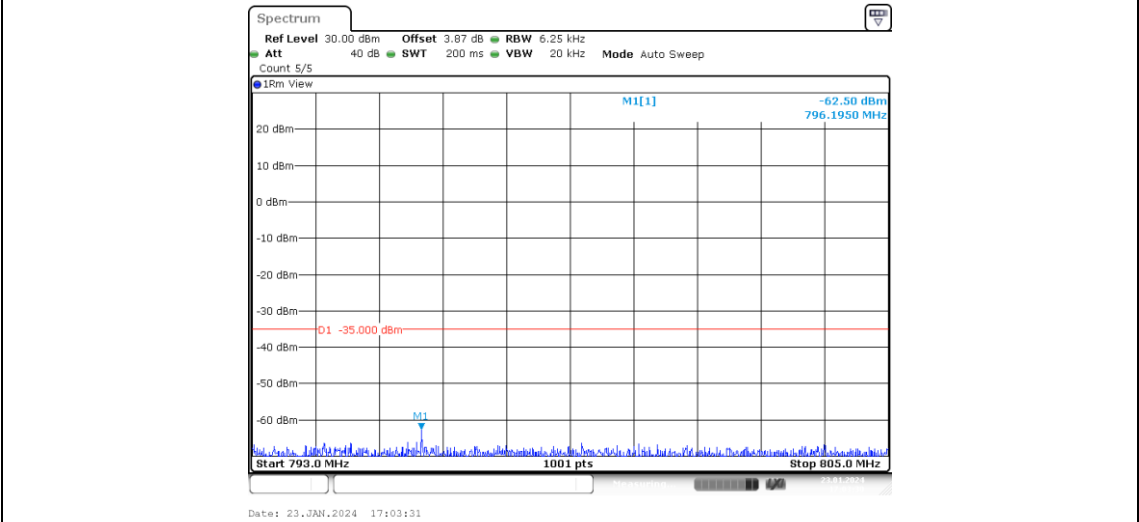
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-0.15-30--73.79--23-PASS



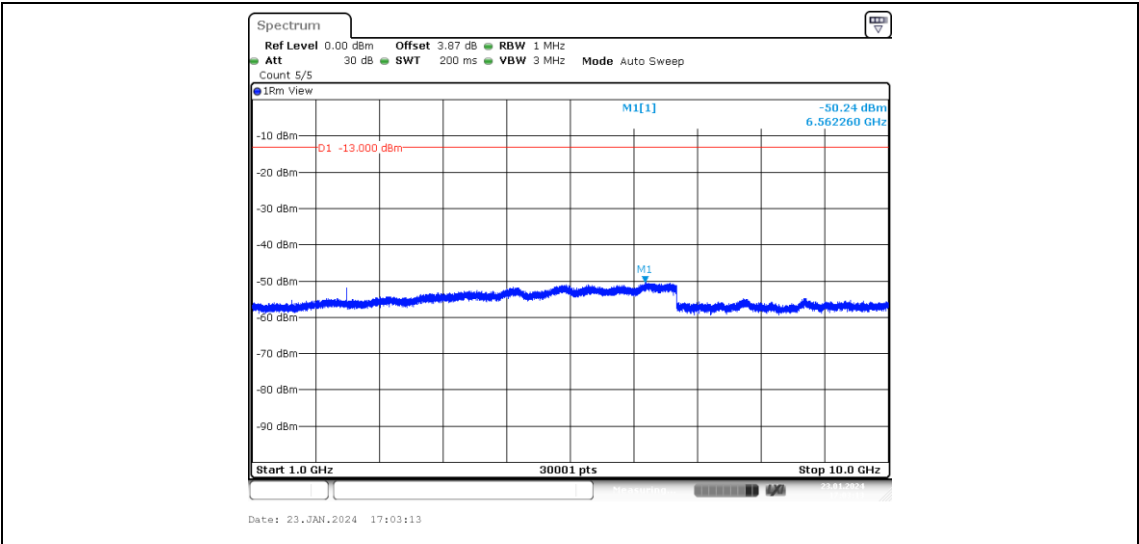
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-30-1000--64.43--13-PASS



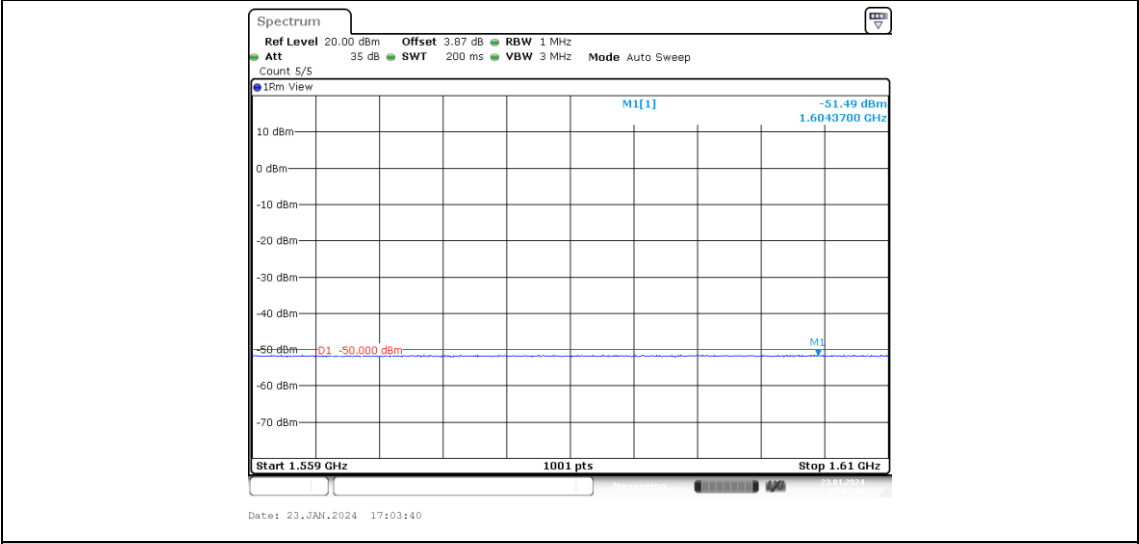
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-763-775--53.87--35-PASS



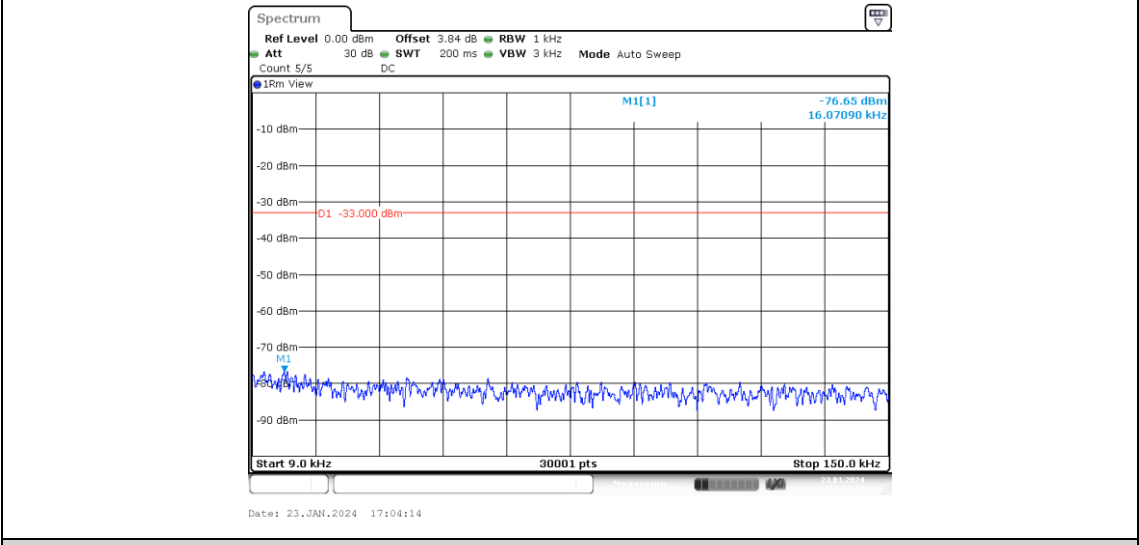
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-793-805--62.5--35-PASS



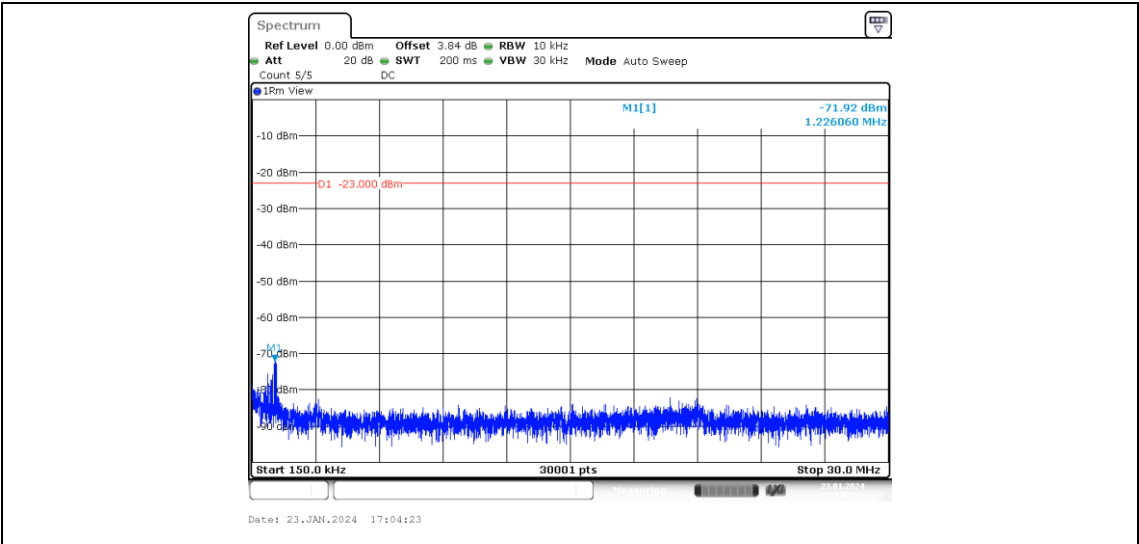
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-1000-10000--50.24--13-PASS



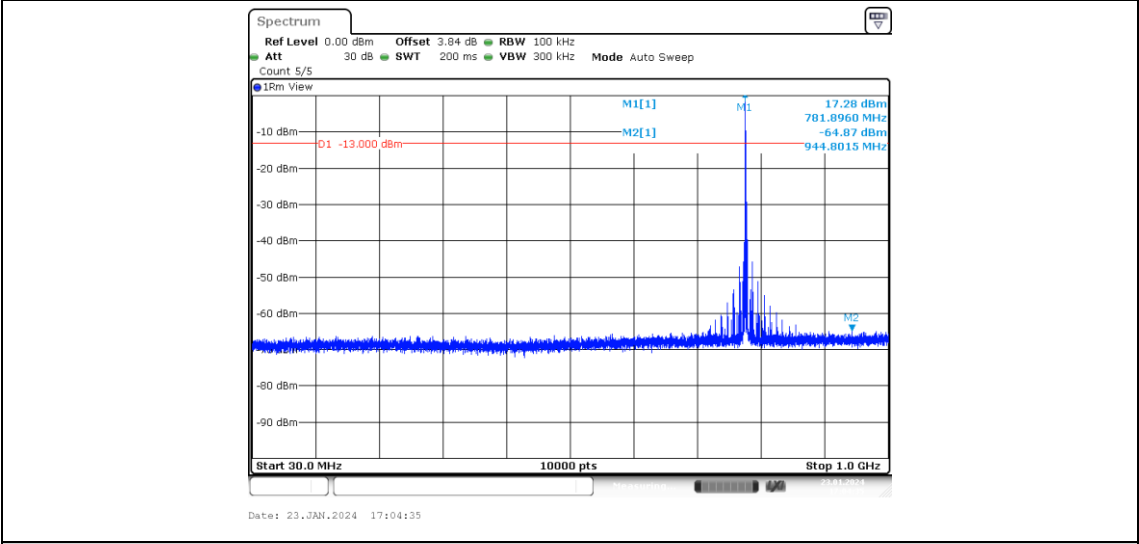
Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz-1559-1610--51.49--50-PASS



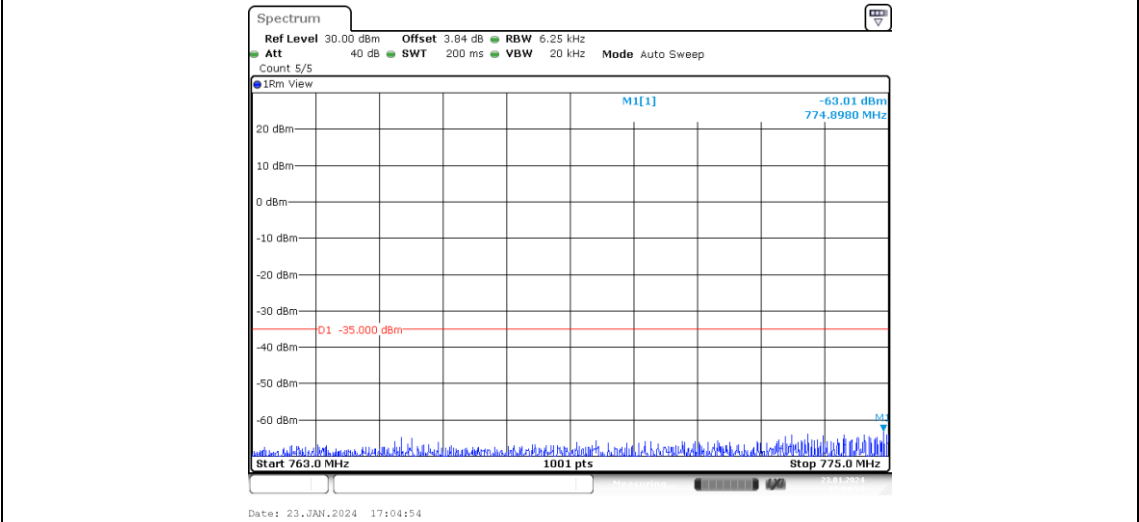
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-0.009-0.15--76.65--33-PASS



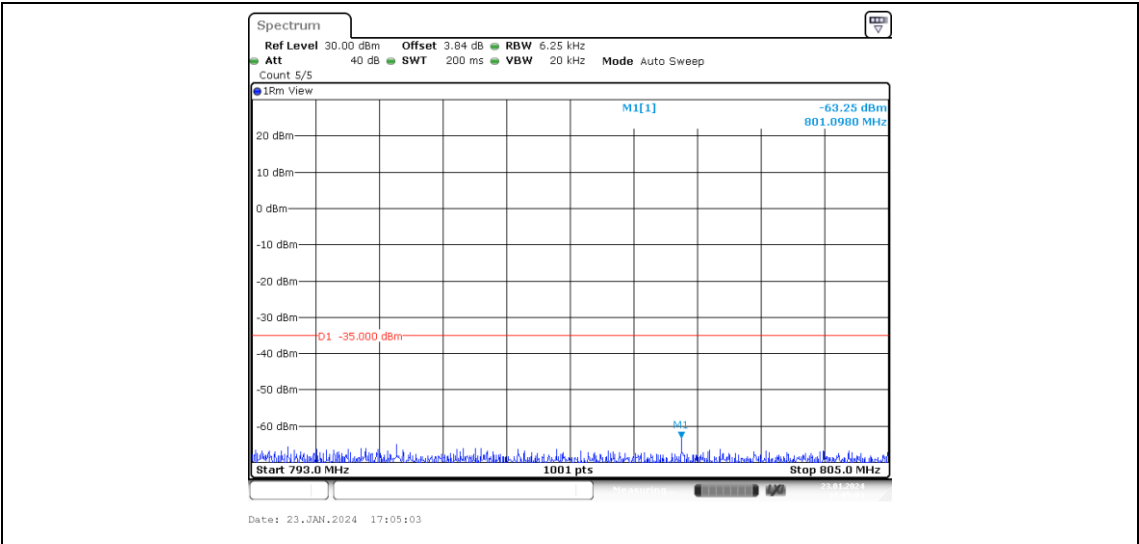
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-0.15-30--71.92--23-PASS



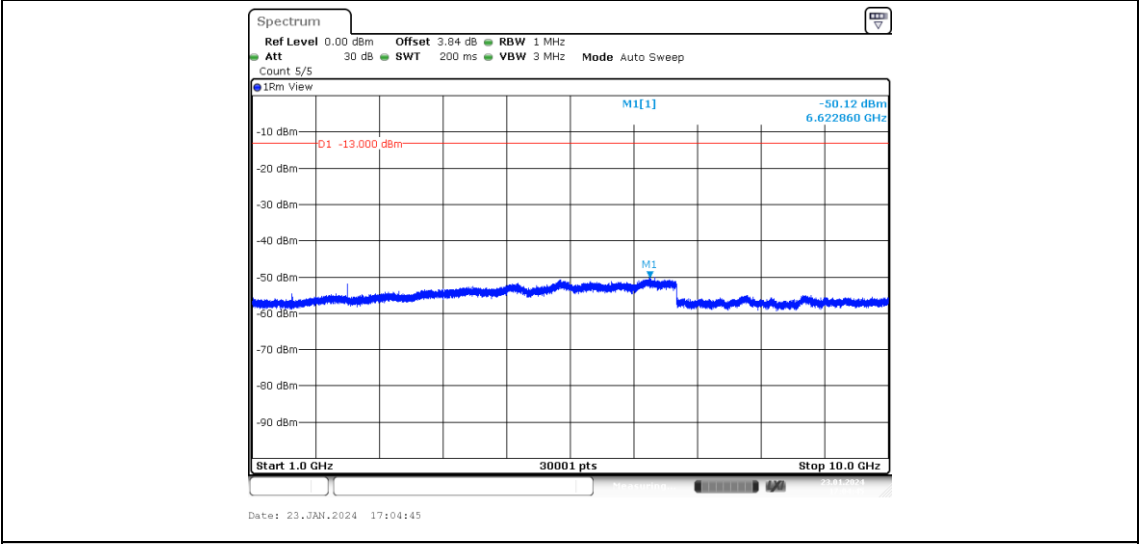
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-30-1000--64.87--13-PASS



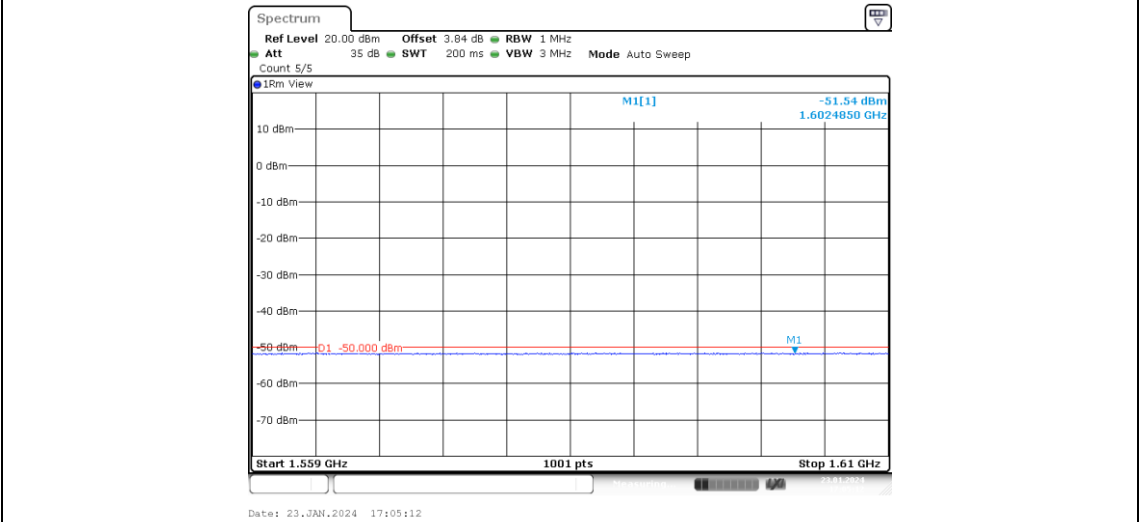
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-763-775--63.01--35-PASS



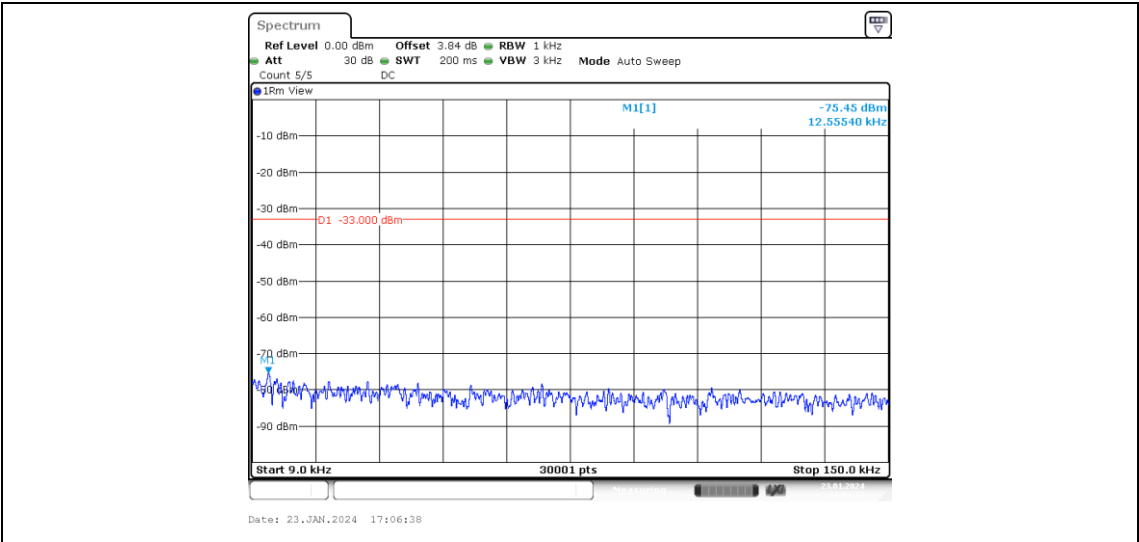
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-793-805--63.25--35-PASS



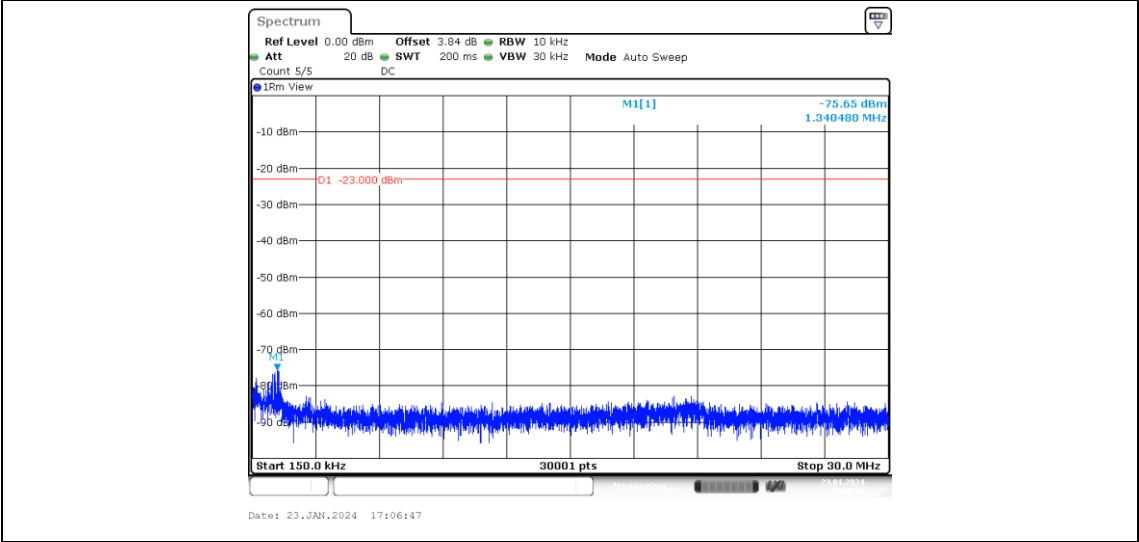
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-1000-10000--50.12--13-PASS



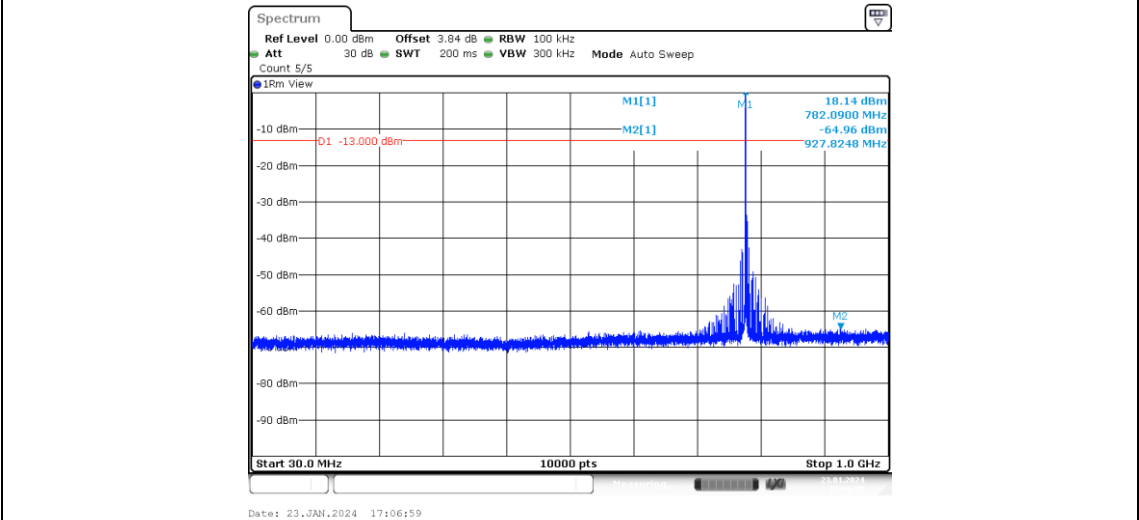
Band13-Stand-Alone-NaN-QPSK-23230-1@0-3.75kHz-1559-1610--51.54--50-PASS



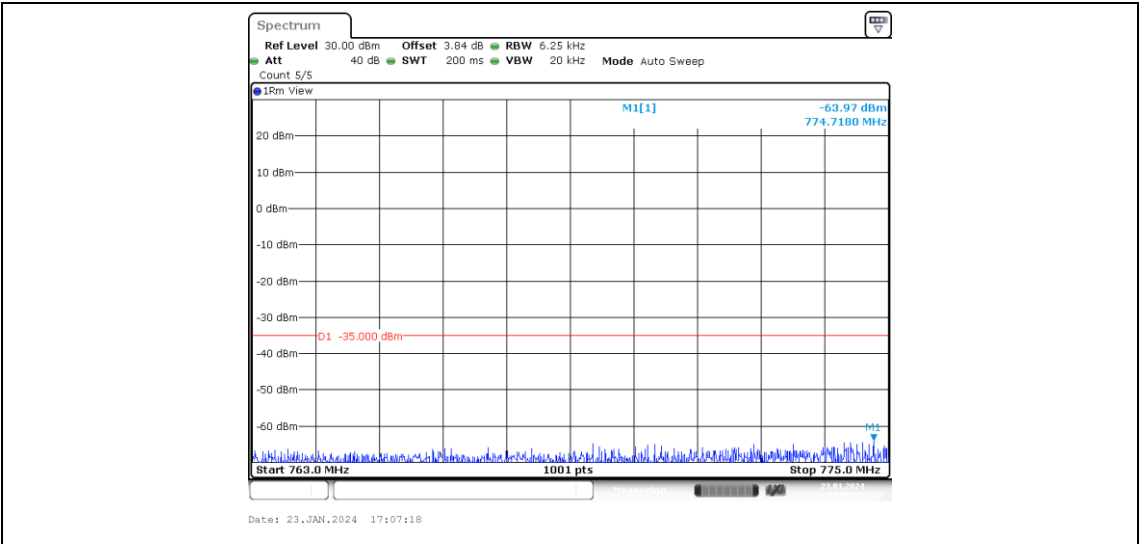
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-0.009-0.15--75.45--33-PASS



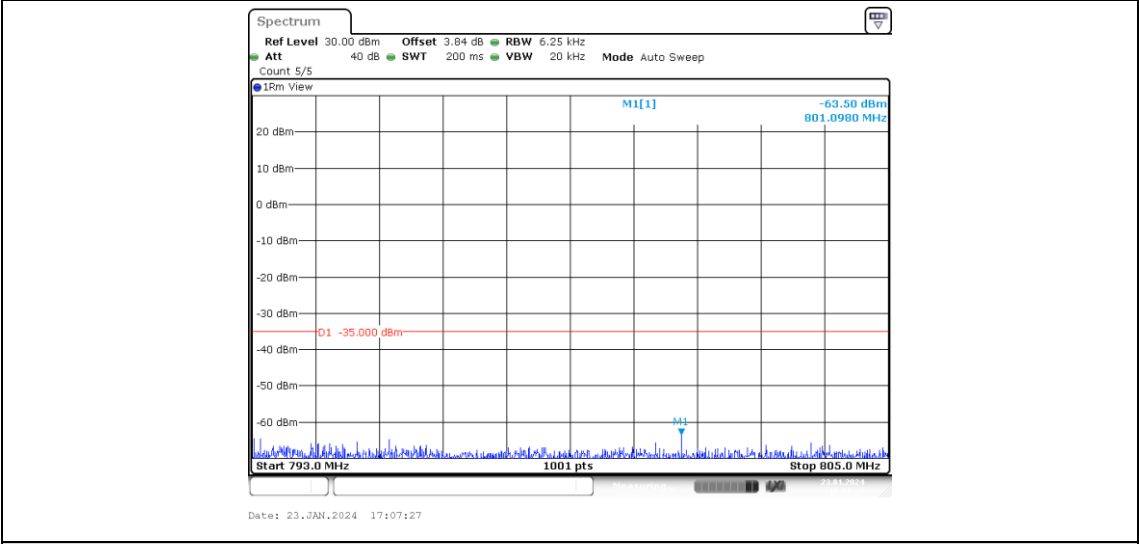
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-0.15-30--75.65--23-PASS



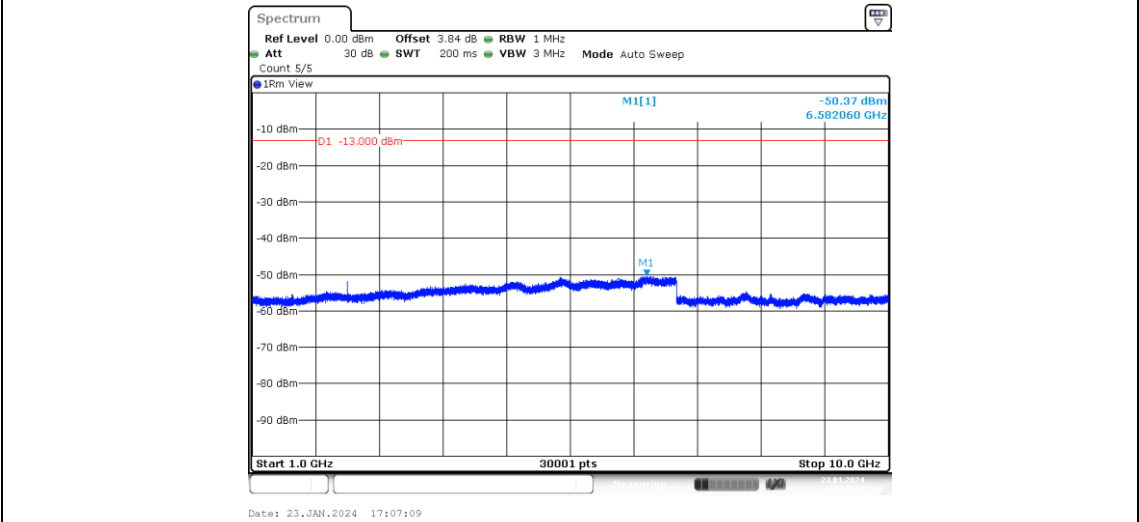
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-30-1000--64.96--13-PASS



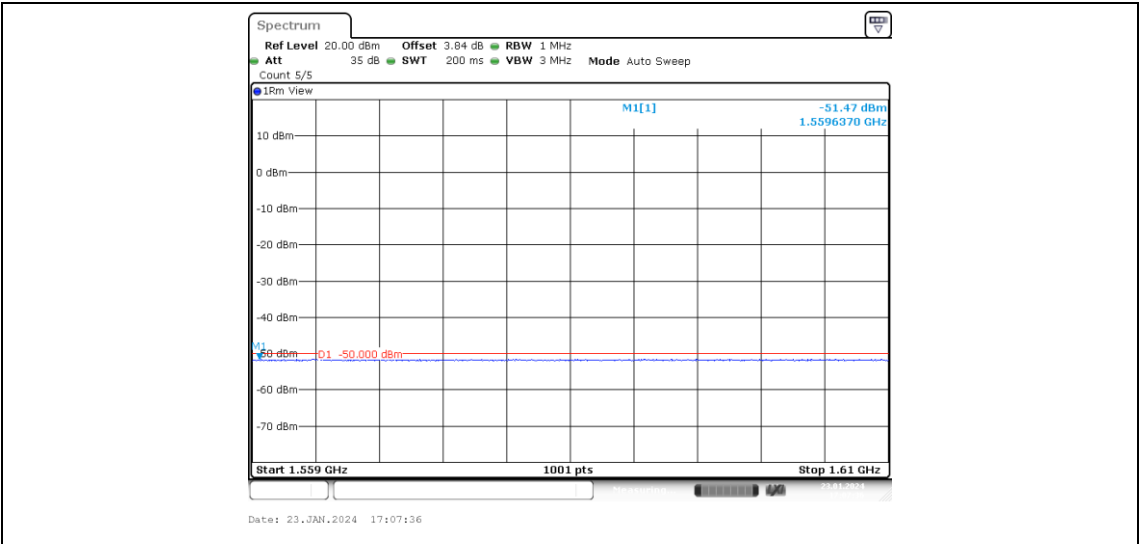
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-763-775--63.97--35-PASS



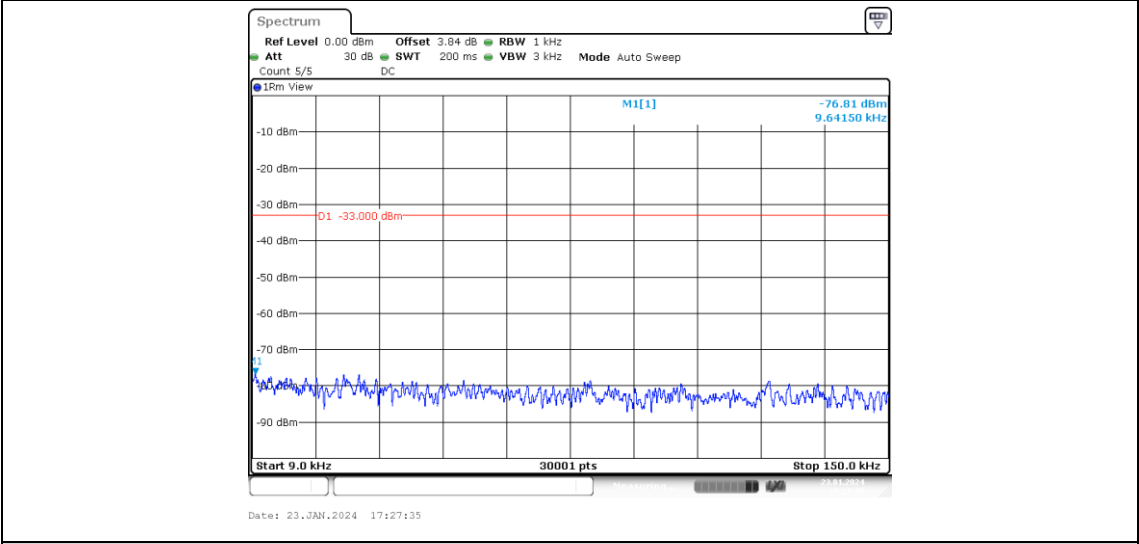
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-793-805--63.50--35-PASS



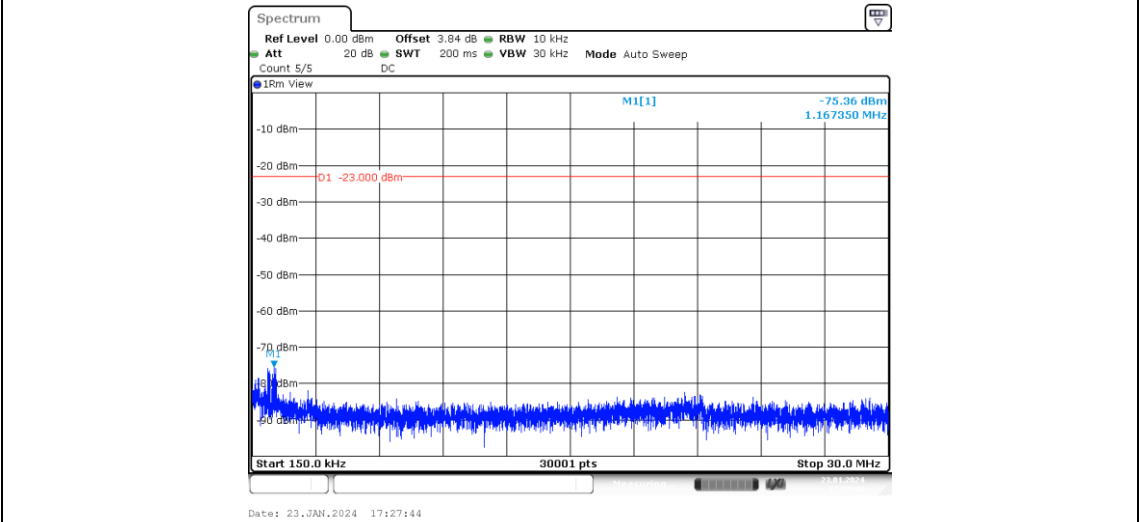
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-1000-10000--50.37--13-PASS



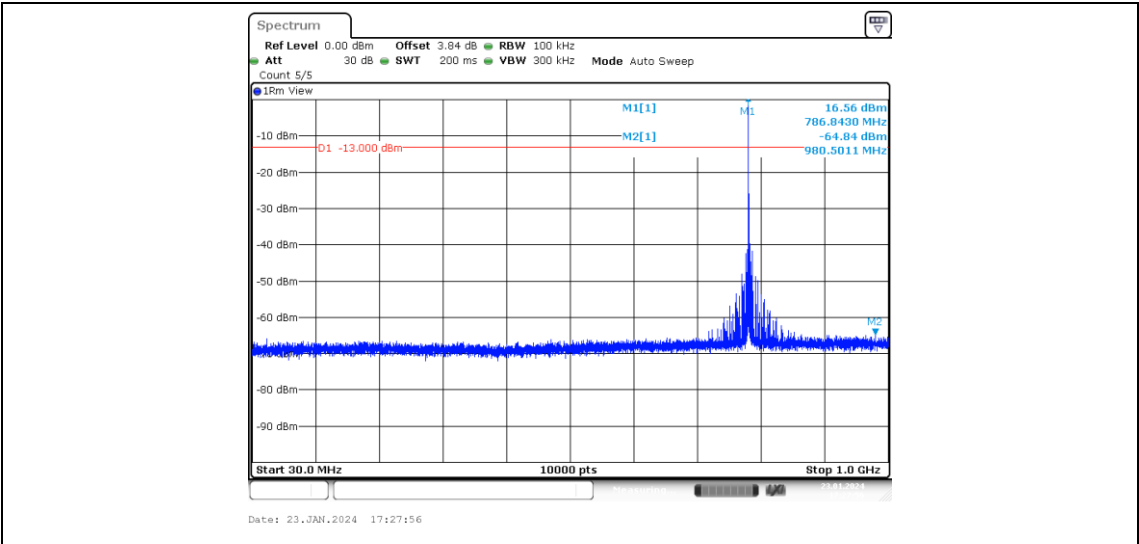
Band13-Stand-Alone-NaN-QPSK-23230-1@47-3.75kHz-1559-1610--51.47--50-PASS



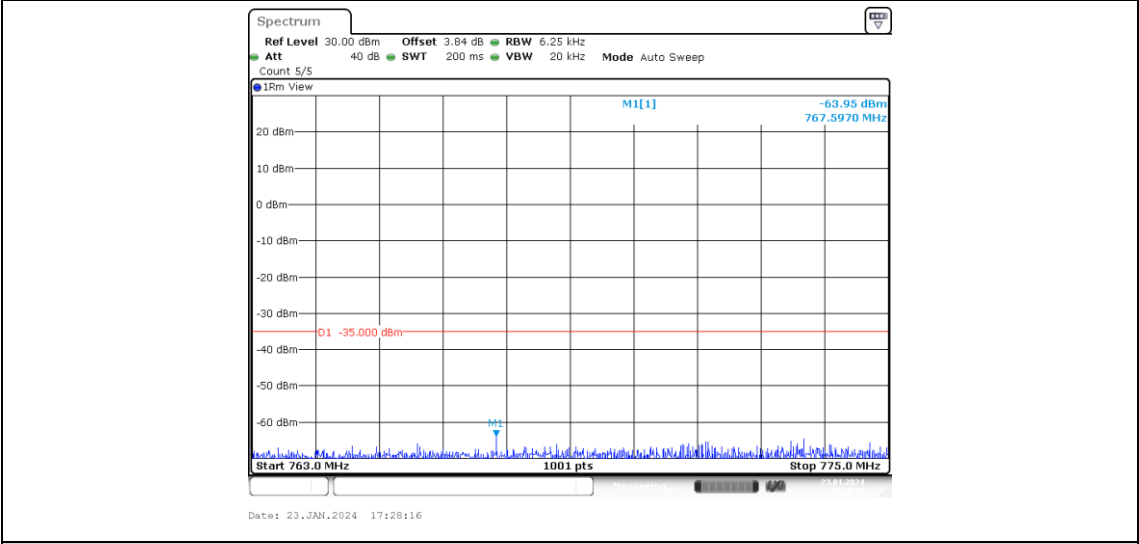
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-0.009-0.15--76.81--33-PASS



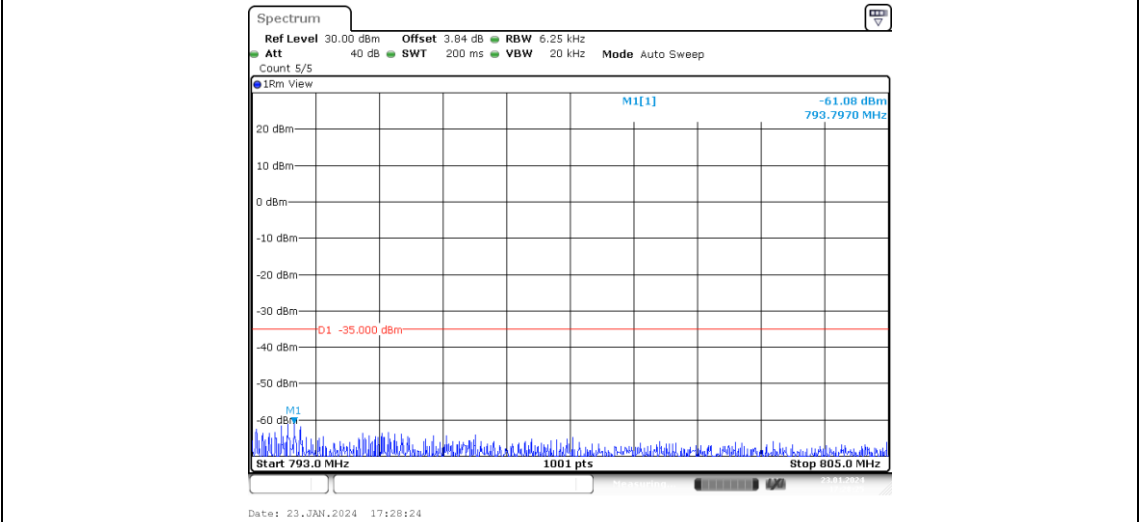
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-0.15-30--75.36--23-PASS



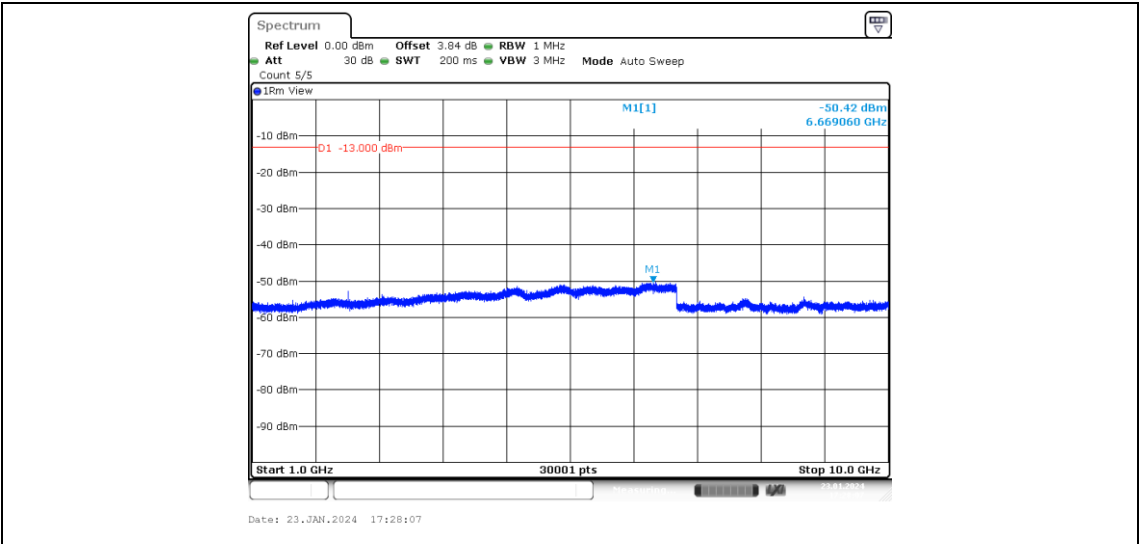
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-30-1000--64.84--13-PASS



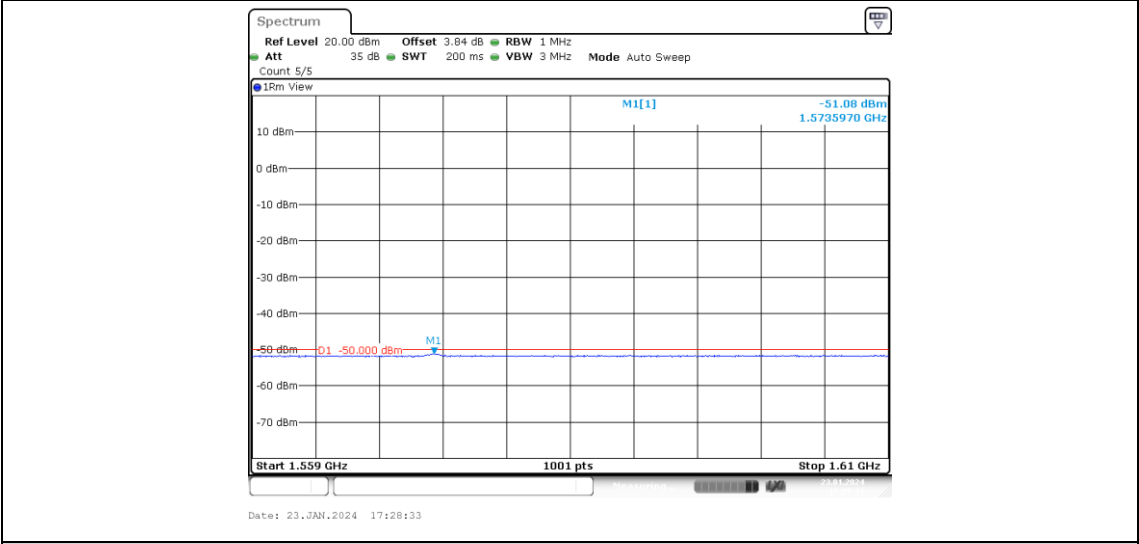
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-763-775--63.95--35-PASS



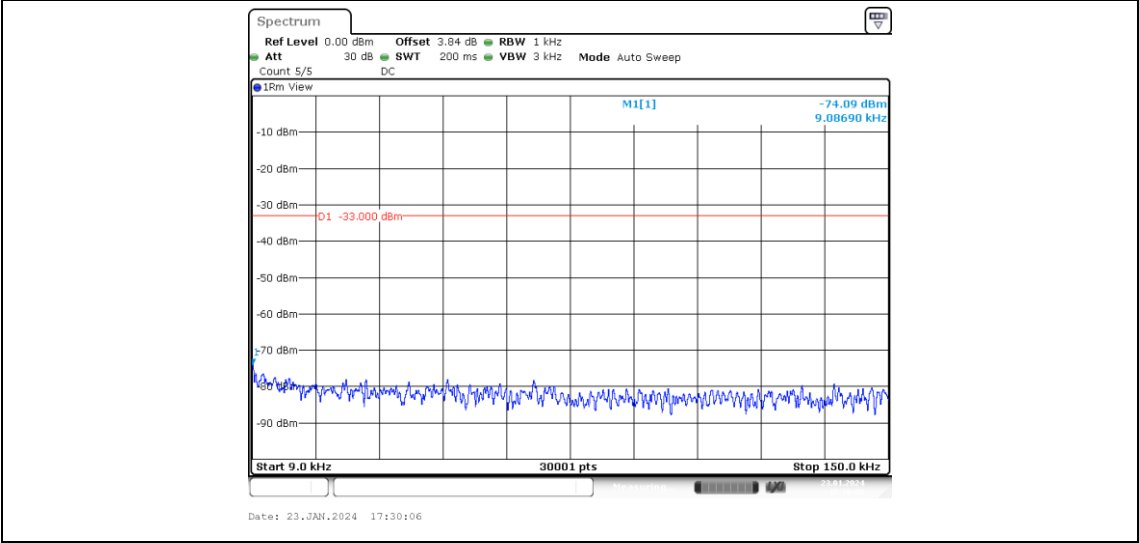
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-793-805--61.08--35-PASS



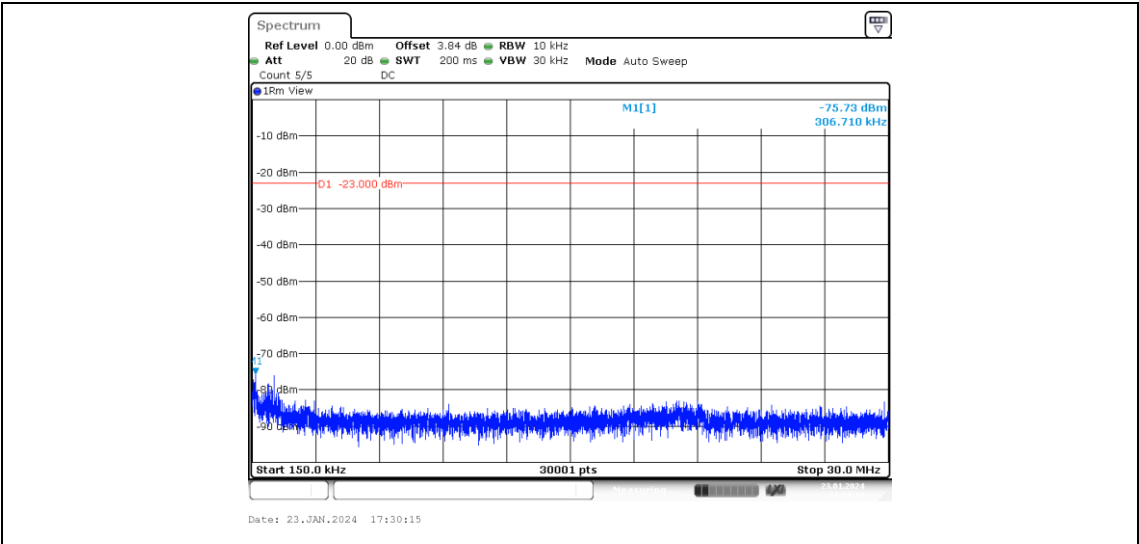
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-1000-10000--50.42--13-PASS



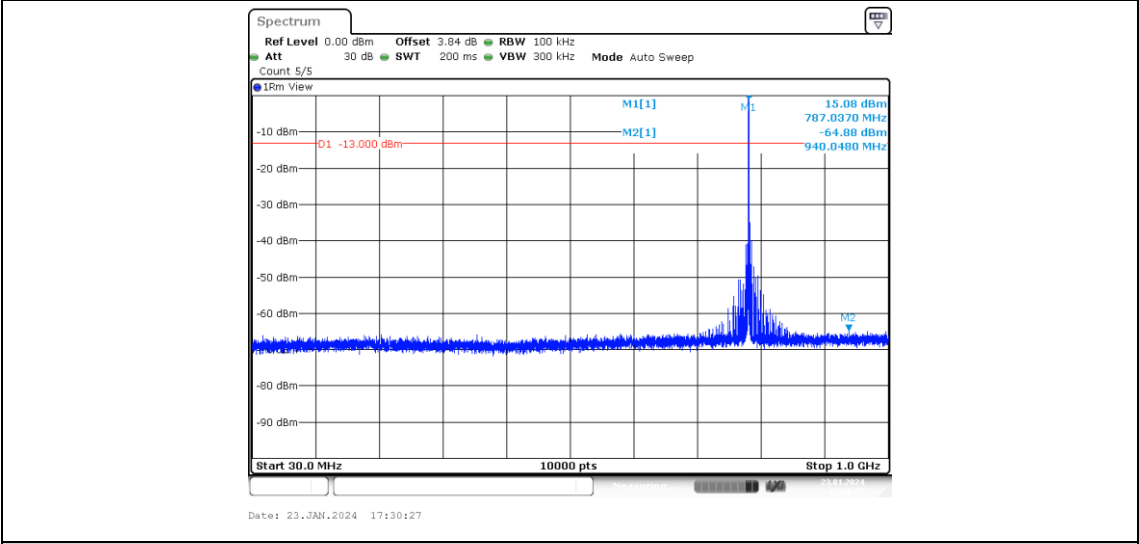
Band13-Stand-Alone-NaN-QPSK-23279-1@0-3.75kHz-1559-1610--51.08--50-PASS



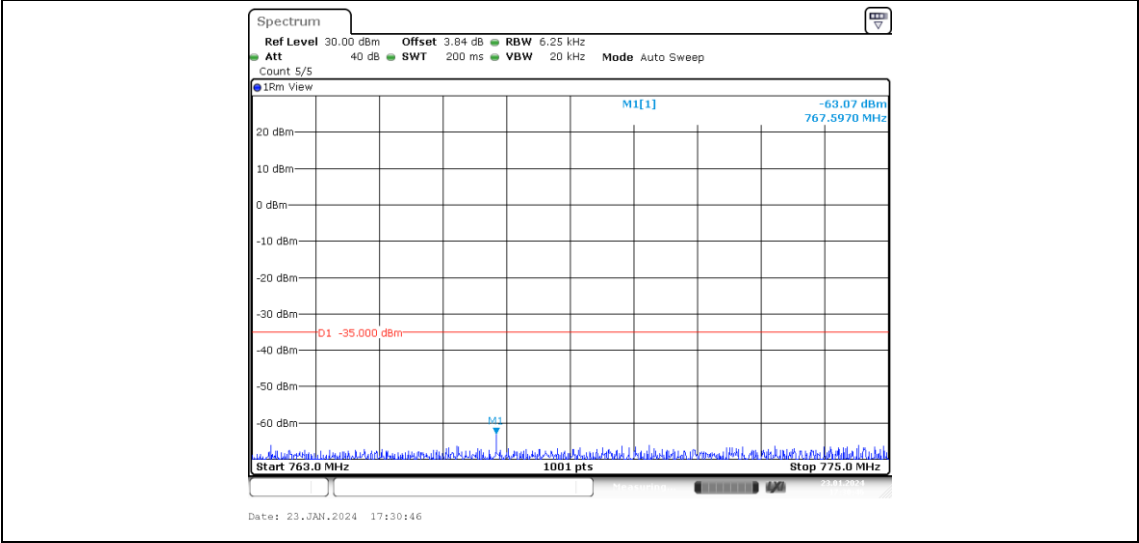
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-0.009-0.15--74.09--33-PASS



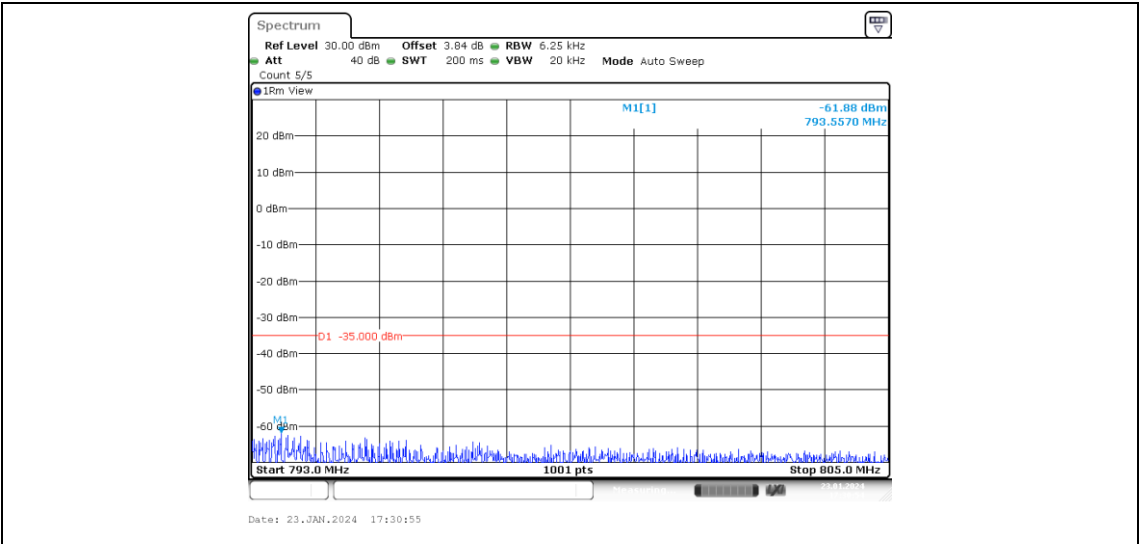
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-0.15-30--75.73--23-PASS



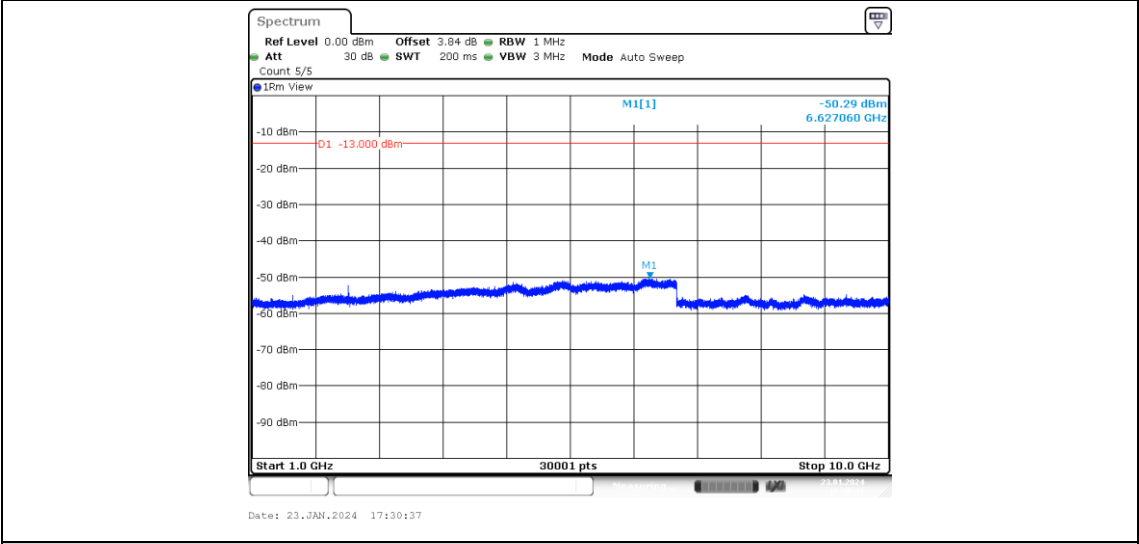
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-30-1000--64.88--13-PASS



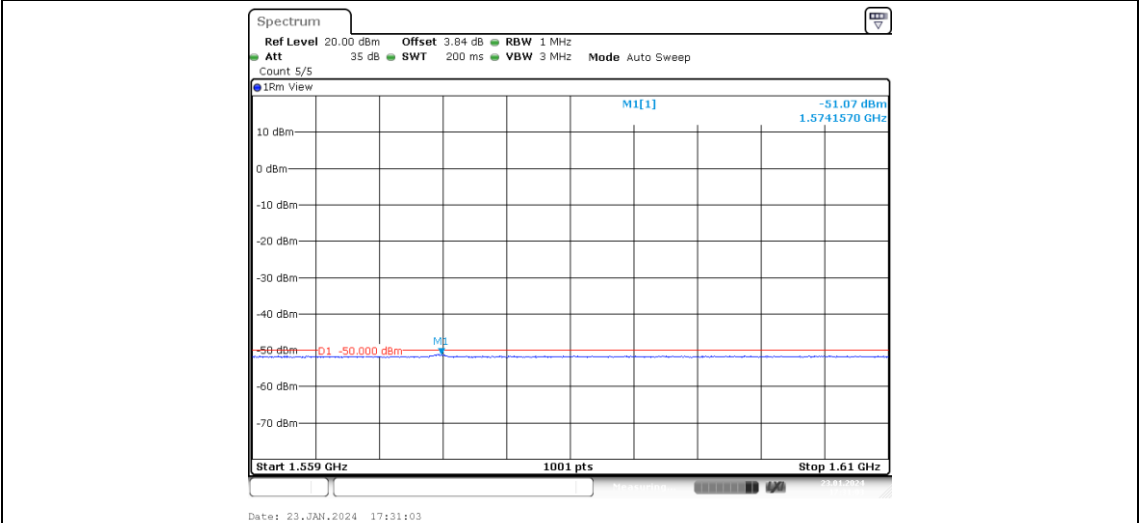
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-763-775--63.07--35-PASS



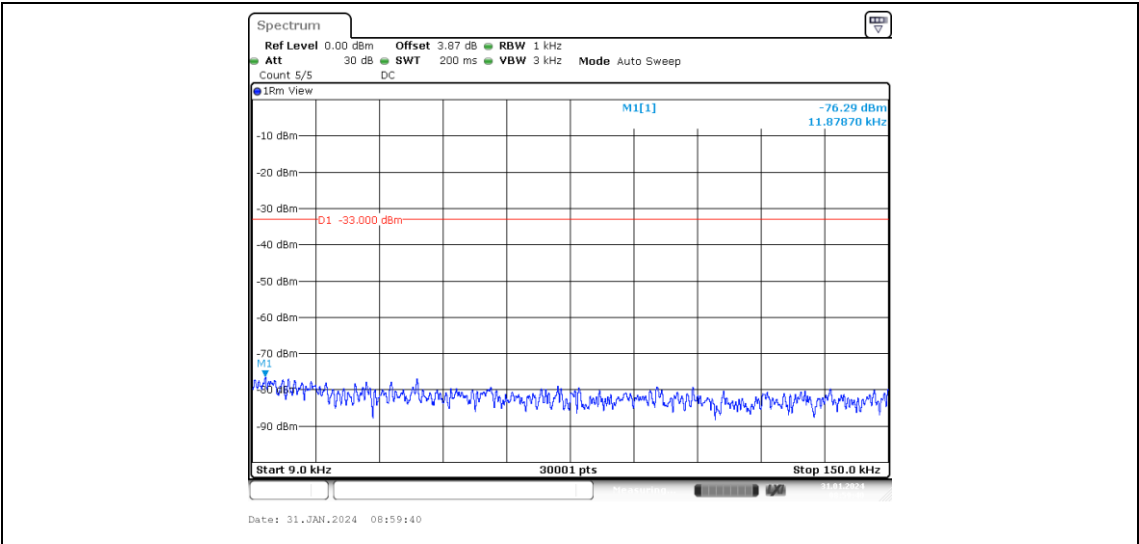
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-793-805--61.88--35-PASS



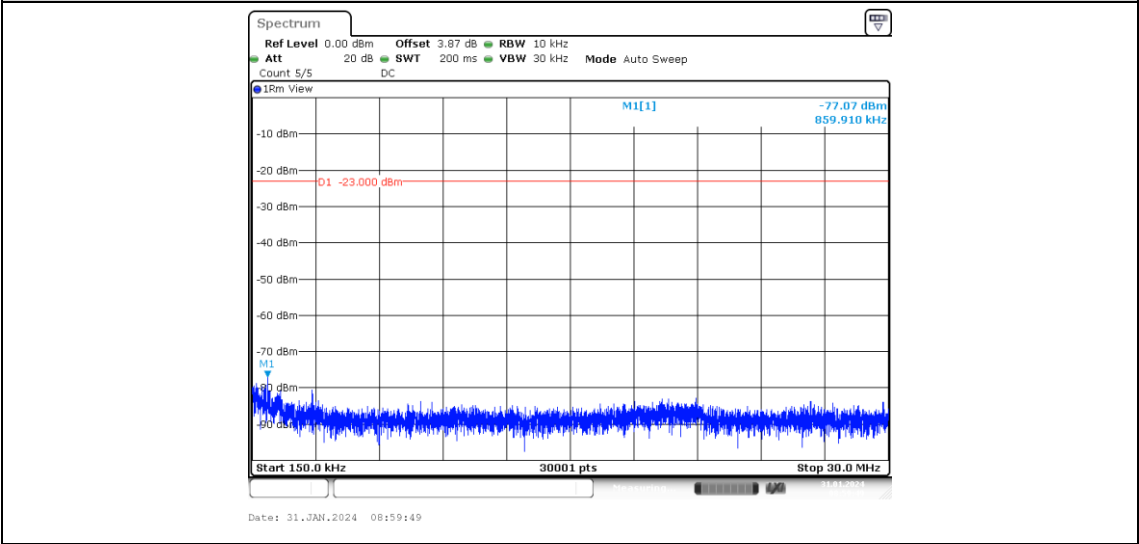
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-1000-10000--50.29--13-PASS



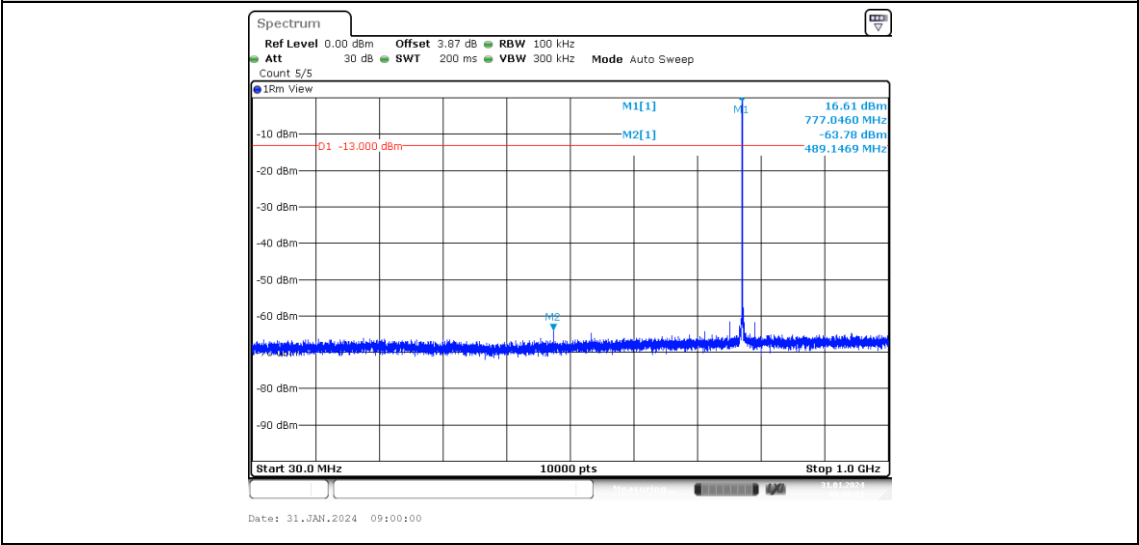
Band13-Stand-Alone-NaN-QPSK-23279-1@47-3.75kHz-1559-1610--51.07--50-PASS



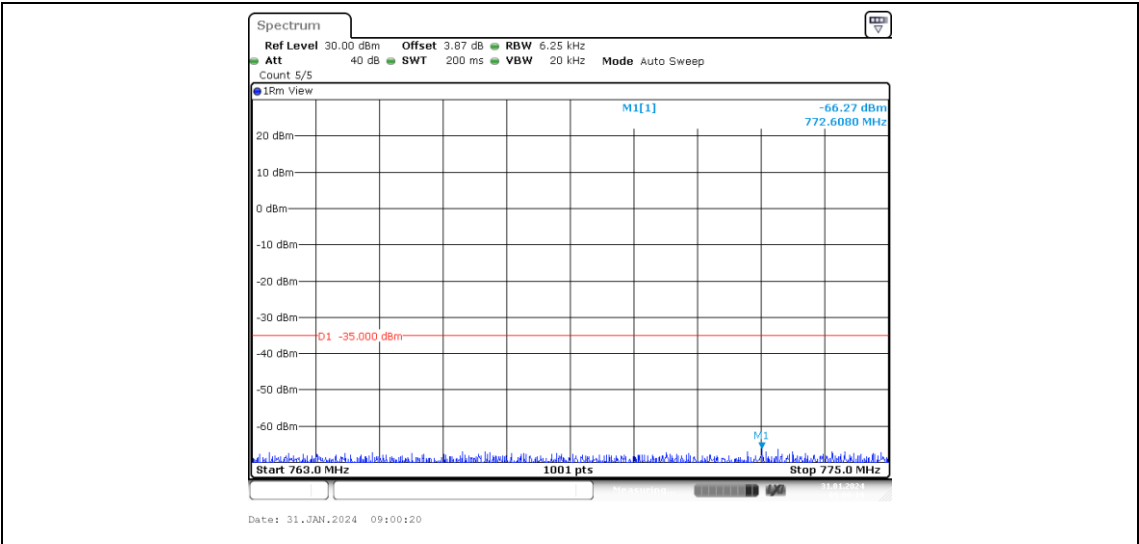
Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-0.009-0.15--76.29--33-PASS



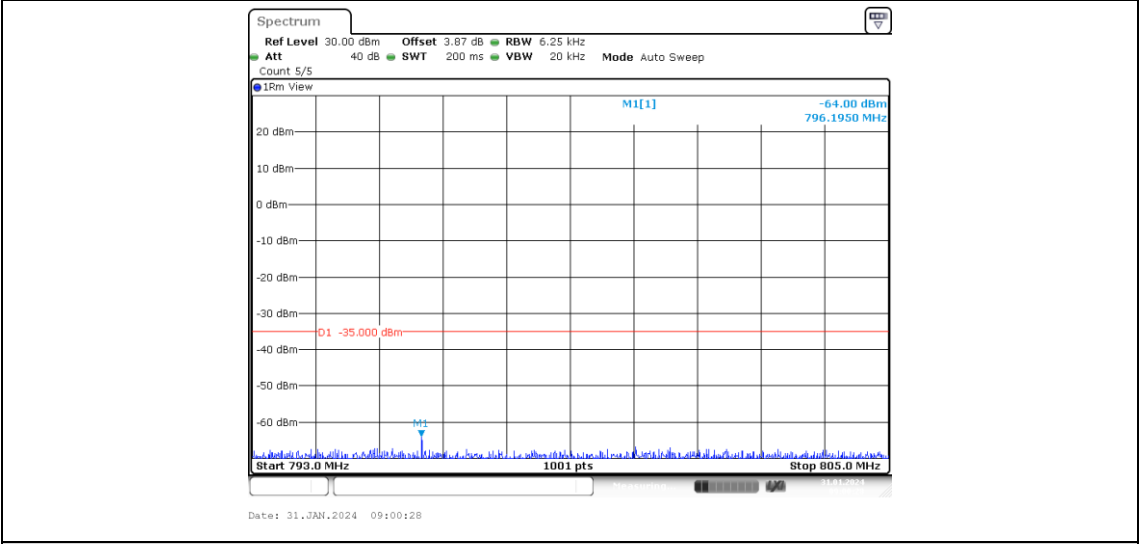
Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-0.15-30--77.07--23-PASS



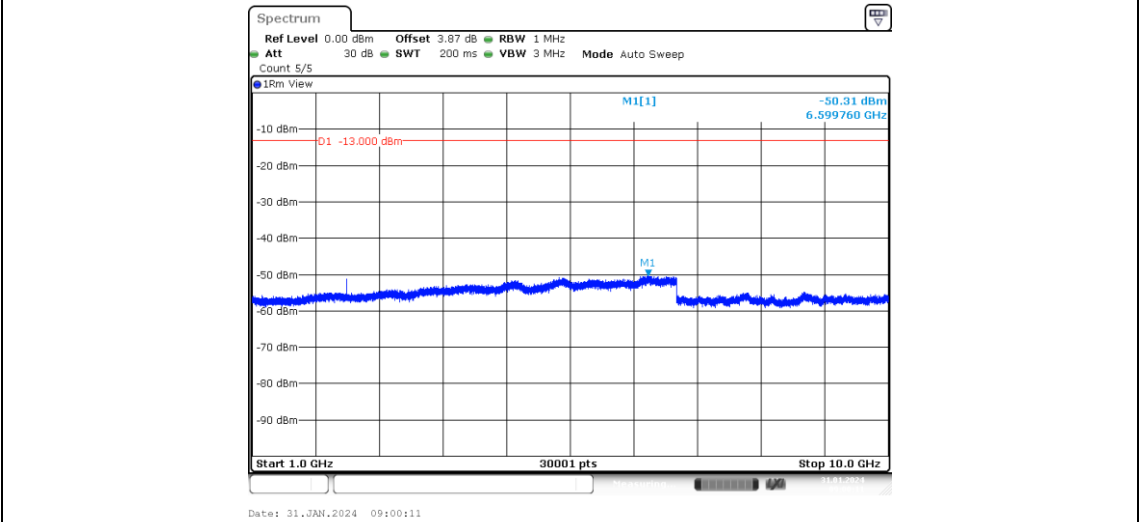
Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-30-1000--63.78--13-PASS



Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-763-775--66.27--35-PASS



Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-793-805--64--35-PASS



Band13-Stand-Alone-NaN-BPSK-23181-1@0-15kHz-1000-10000--50.31--13-PASS