

Appendix for Band 13

Product Name: Smart Light Controller
Model No: DNWC

Appendix A: Average Power Output Data

Test Result

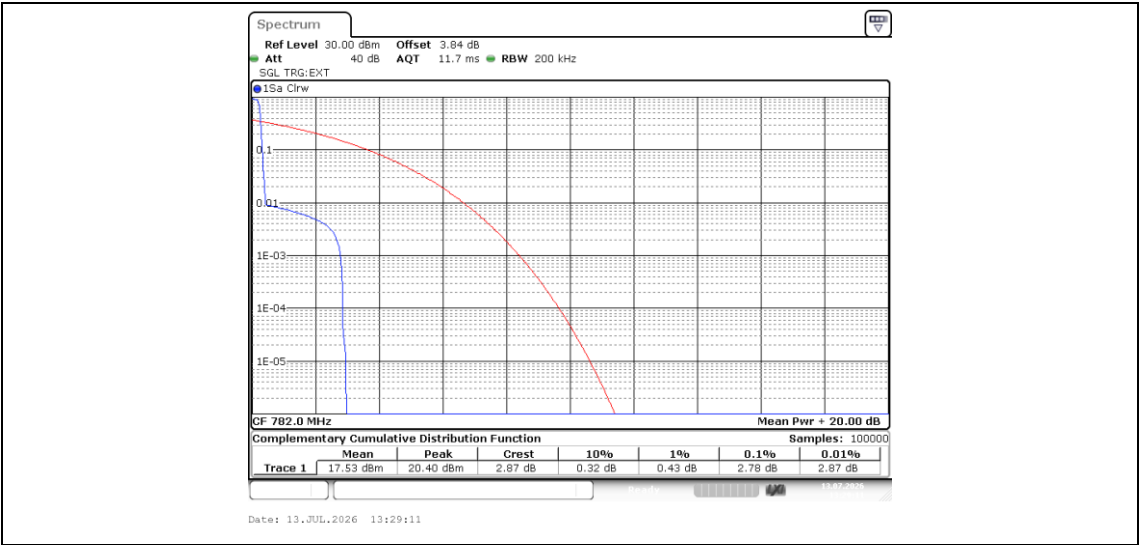
Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Verdict
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23181	1@0	20.85	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23181	1@47	20.94	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23230	1@0	20.46	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23230	1@47	20.56	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23279	1@0	20.39	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23279	1@47	20.35	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	20.89	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	20.79	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	20.56	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	20.50	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	20.45	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	20.40	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	21.01	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	20.72	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	20.52	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	20.48	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	20.41	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	20.30	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@0	20.88	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@11	20.82	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	3@3	20.45	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@0	20.47	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@11	20.40	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	3@3	20.13	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@0	20.41	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@11	20.34	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	3@3	20.10	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for NB1

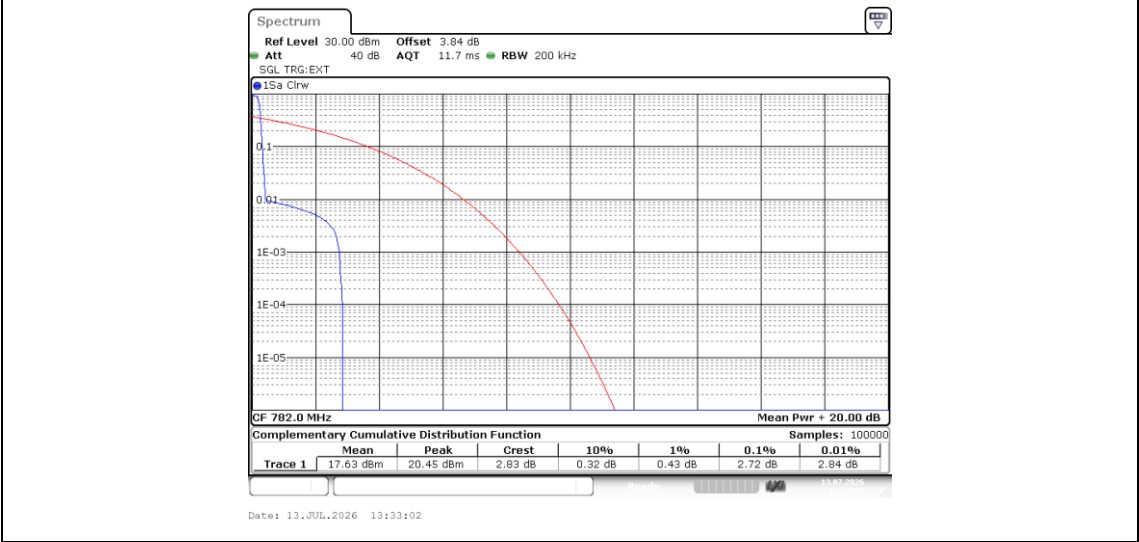
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Limit (dBm)	Verdict
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23230	1@0	2.78	<=13	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23230	1@47	2.72	<=13	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	2.43	<=13	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	2.41	<=13	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	2.32	<=13	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	2.35	<=13	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@0	3.71	<=13	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@11	3.77	<=13	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	3@3	7.57	<=13	PASS

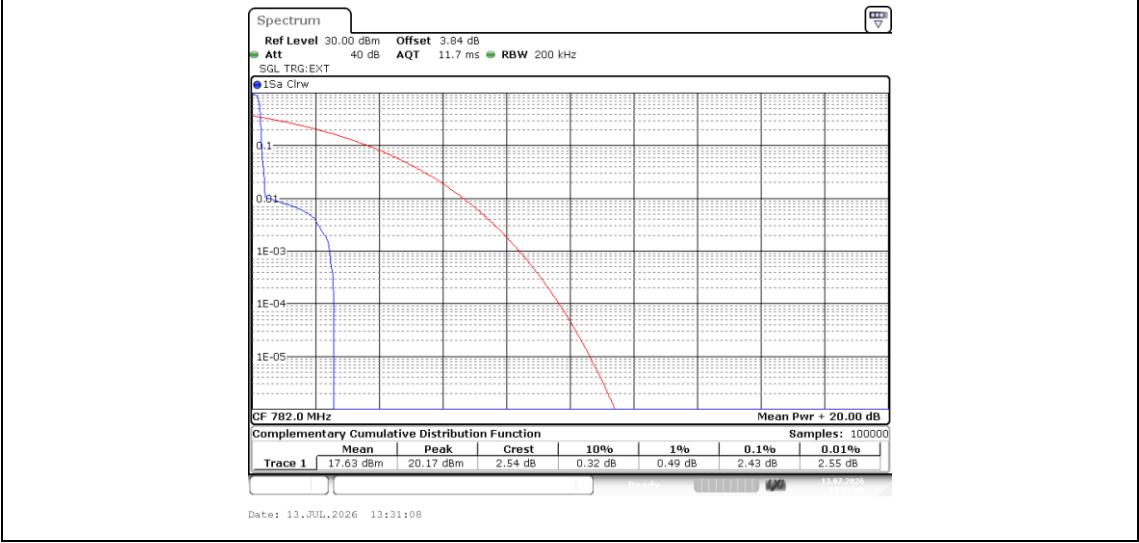
Test Graphs



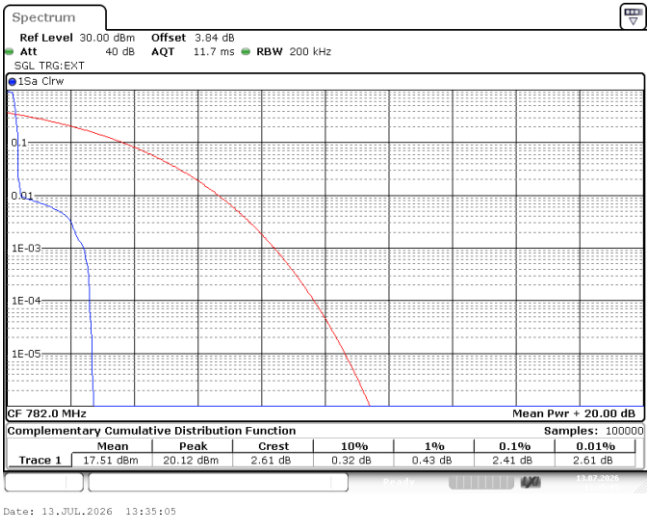
Band13-Stand-Alone-0.18-BPSK-23230-1@0-3.75kHz-2.78-<=13-PASS



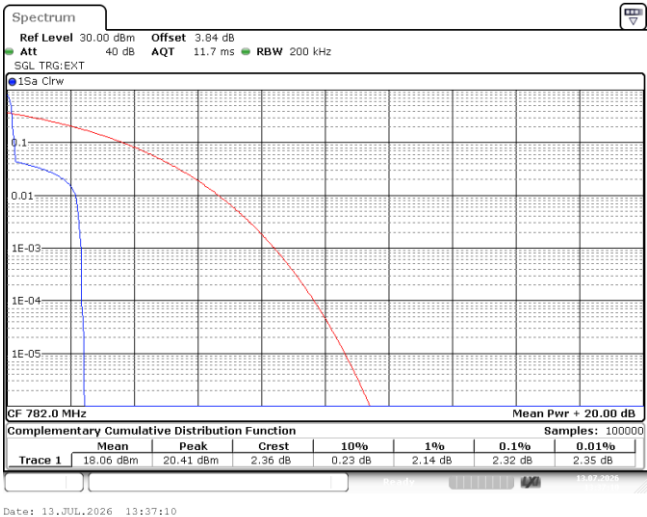
Band13-Stand-Alone-0.18-BPSK-23230-1@47-3.75kHz-2.72-<=13-PASS



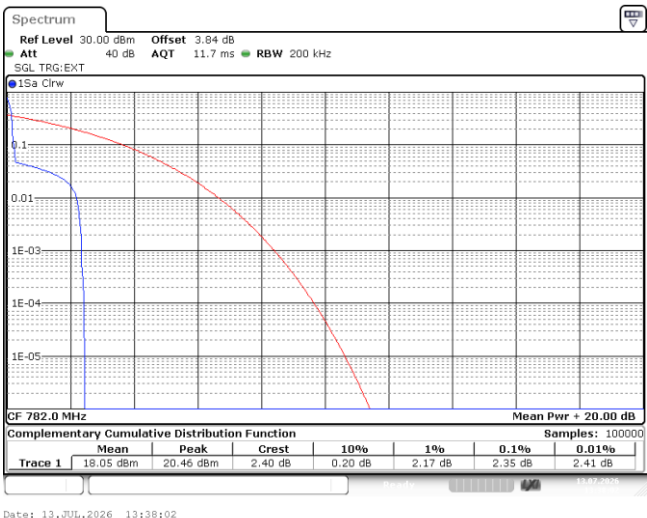
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-2.43-<=13-PASS



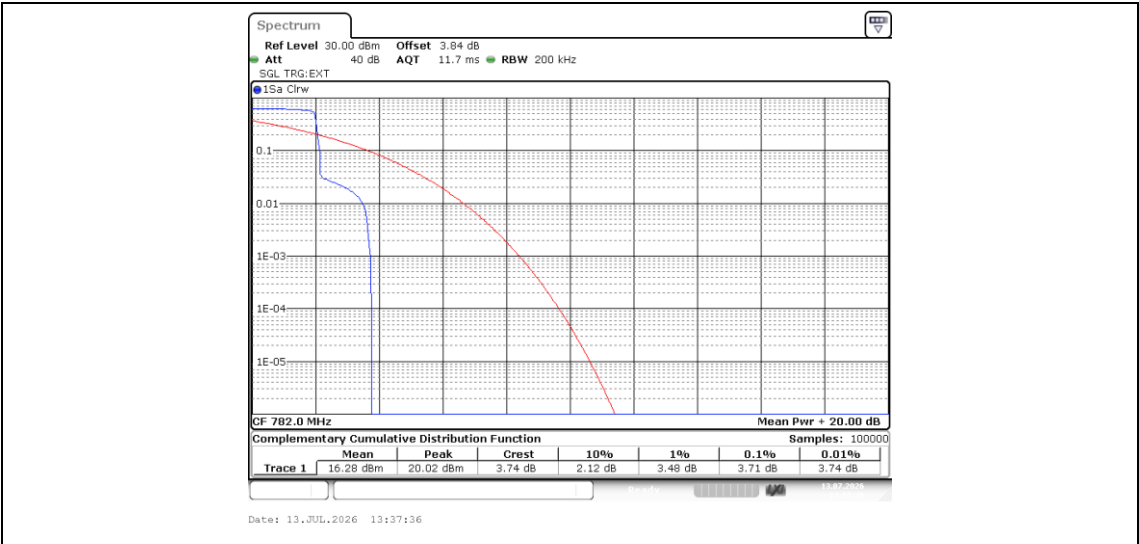
Band13-Stand-Alone-0.18-QPSK-23230-1@47-3.75kHz-2.41-<=13-PASS



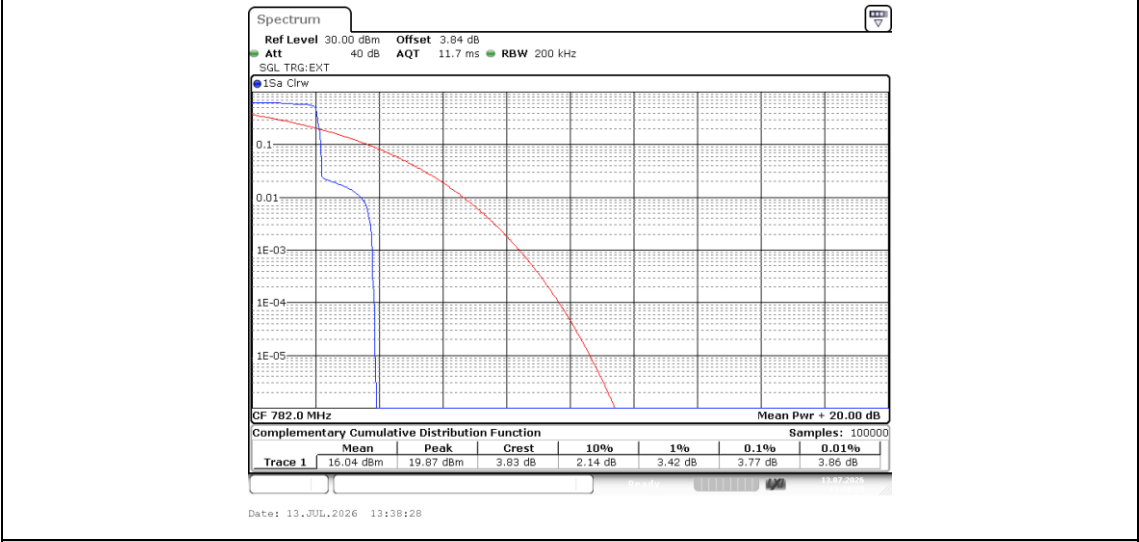
Band13-Stand-Alone-0.18-BPSK-23230-1@0-15kHz-2.32-<=13-PASS



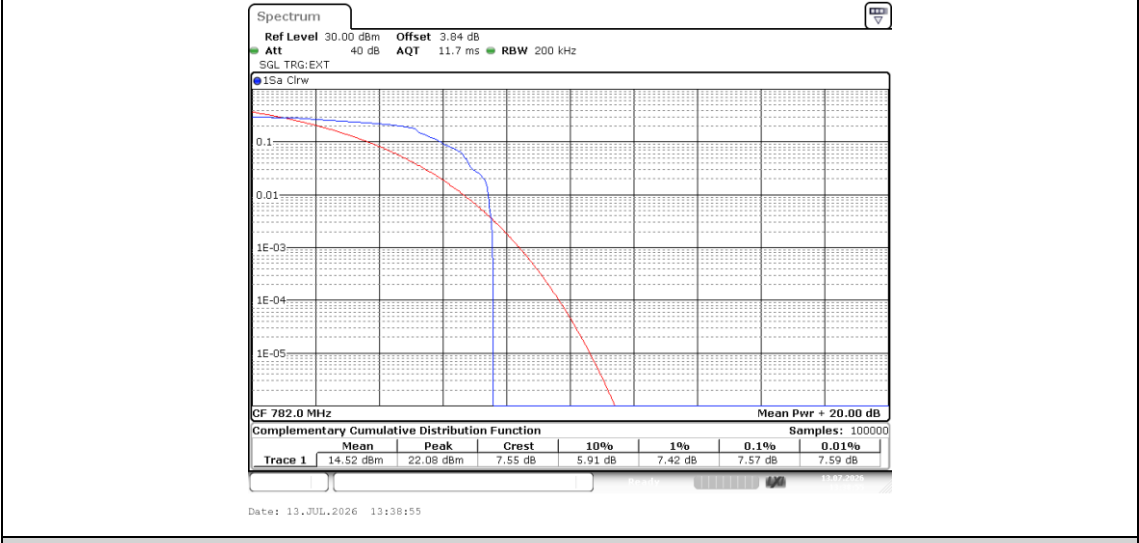
Band13-Stand-Alone-0.18-BPSK-23230-1@11-15kHz-2.35-<=13-PASS



Band13-Stand-Alone-0.18-QPSK-23230-1@0-15kHz-3.71-<=13-PASS



Band13-Stand-Alone-0.18-QPSK-23230-1@11-15kHz-3.77-<=13-PASS



Band13-Stand-Alone-0.18-QPSK-23230-3@3-15kHz-7.57-<=13-PASS

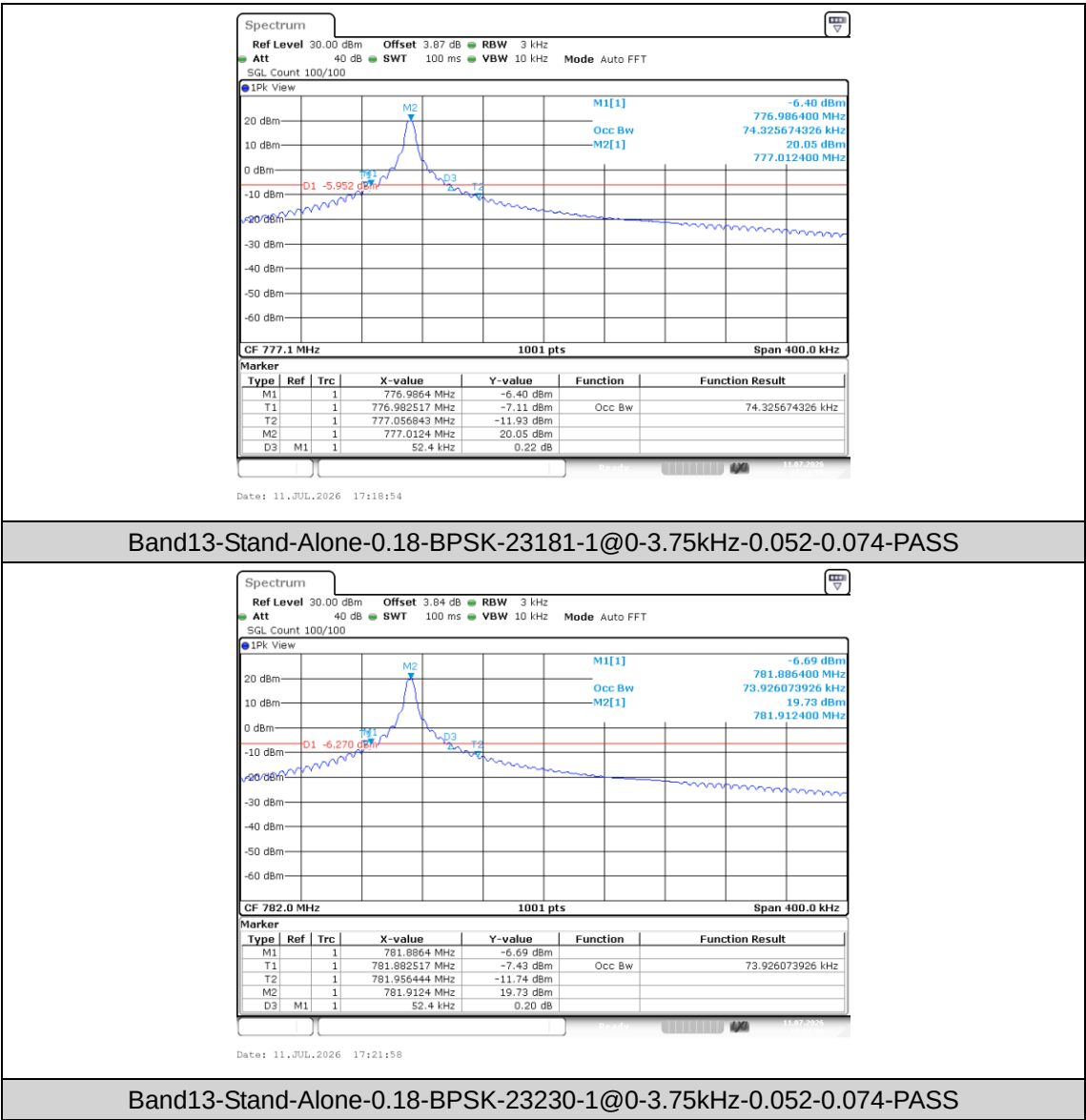
Appendix C: Emission Bandwidth for NB1

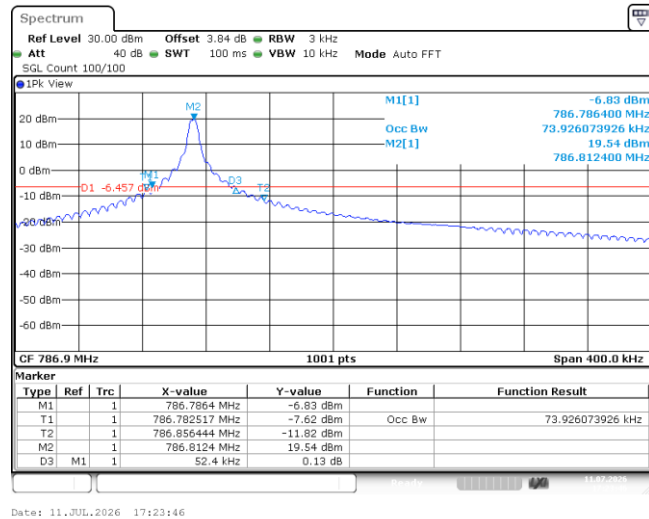
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	OBW(MHz)	EBW(MHz)	Verdict
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23181	1@0	0.074	0.052	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23230	1@0	0.074	0.052	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23279	1@0	0.074	0.052	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	0.092	0.053	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	0.092	0.053	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	0.091	0.054	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	0.132	0.107	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	12@0	0.185	0.254	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	0.131	0.107	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	12@0	0.184	0.254	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	0.132	0.107	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	12@0	0.184	0.254	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@0	0.133	0.119	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	0.185	0.254	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	1@0	0.132	0.119	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	0.184	0.254	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@0	0.132	0.119	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	0.184	0.254	PASS

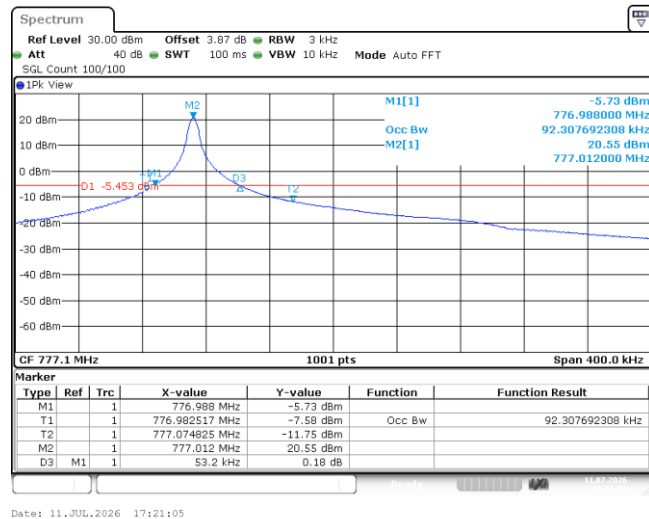
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Test Graphs

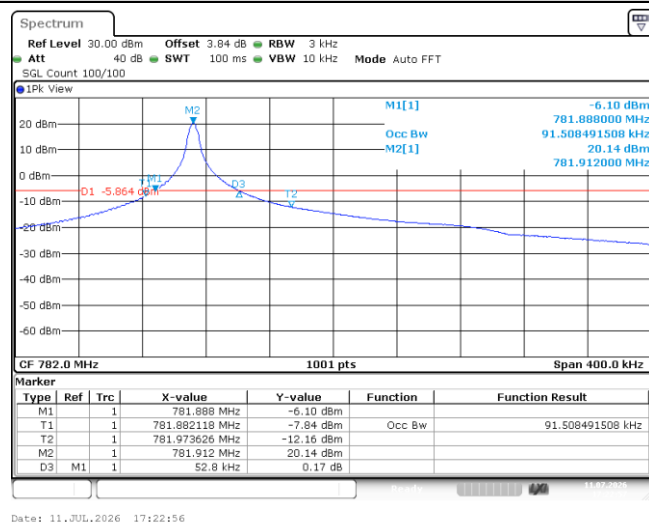




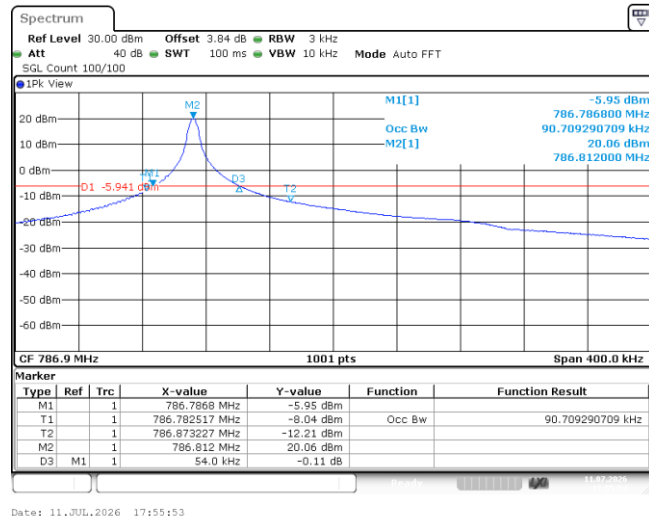
Band13-Stand-Alone-0.18-BPSK-23279-1@0-3.75kHz-0.052-0.074-PASS



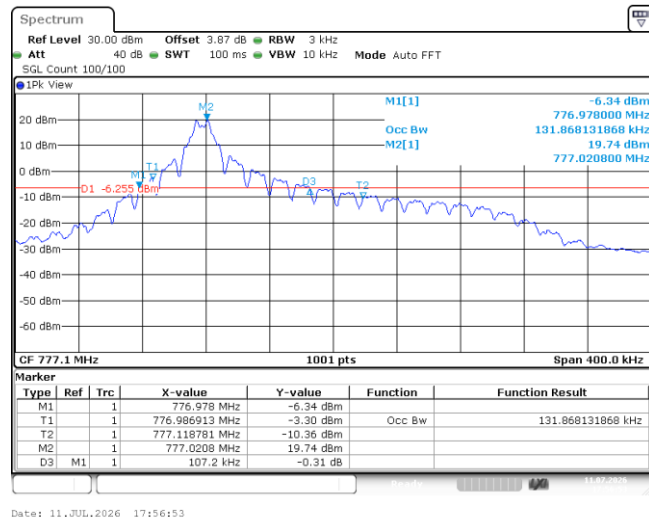
Band13-Stand-Alone-0.18-QPSK-23181-1@0-3.75kHz-0.053-0.092-PASS



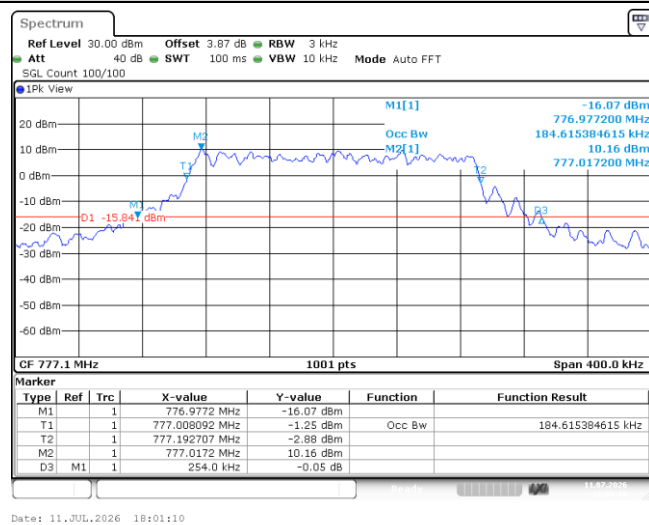
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-0.053-0.092-PASS



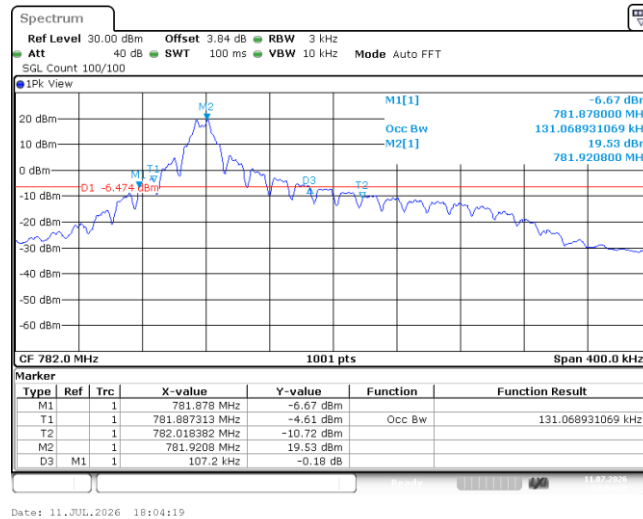
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-0.054-0.091-PASS



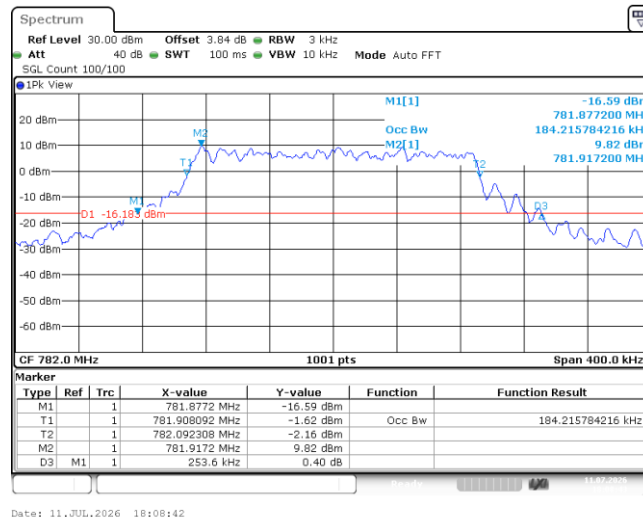
Band13-Stand-Alone-0.18-BPSK-23181-1@0-15kHz-0.107-0.132-PASS



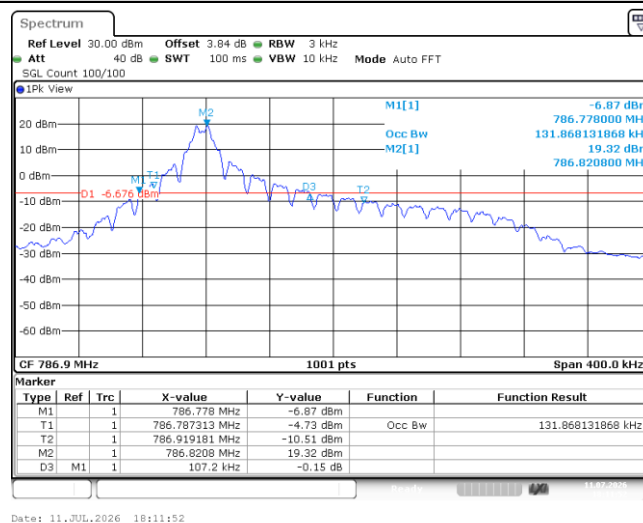
Band13-Stand-Alone-0.18-BPSK-23181-12@0-15kHz-0.254-0.185-PASS



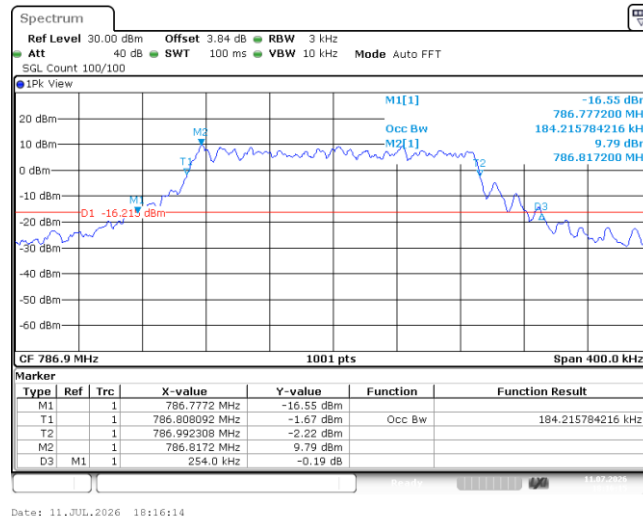
Band13-Stand-Alone-0.18-BPSK-23230-1@0-15kHz-0.107-0.131-PASS



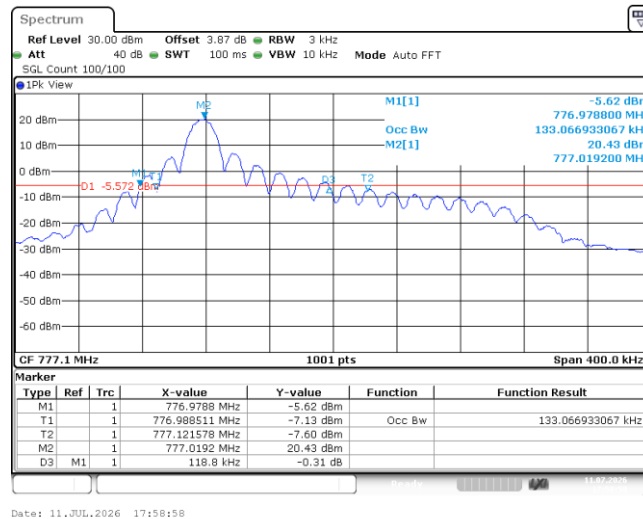
Band13-Stand-Alone-0.18-BPSK-23230-12@0-15kHz-0.254-0.184-PASS



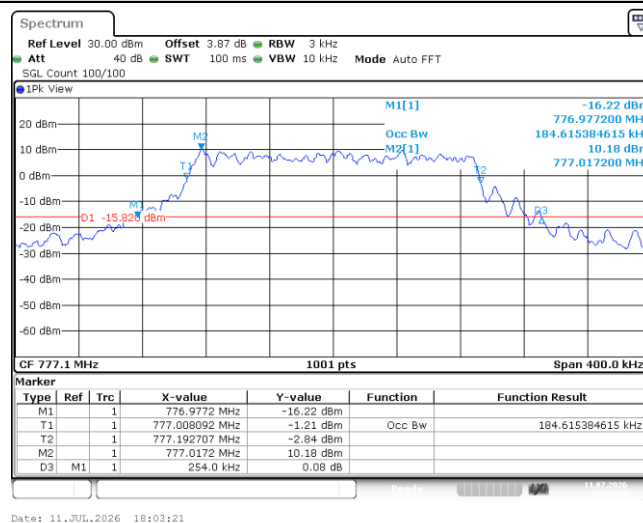
Band13-Stand-Alone-0.18-BPSK-23279-1@0-15kHz-0.107-0.132-PASS



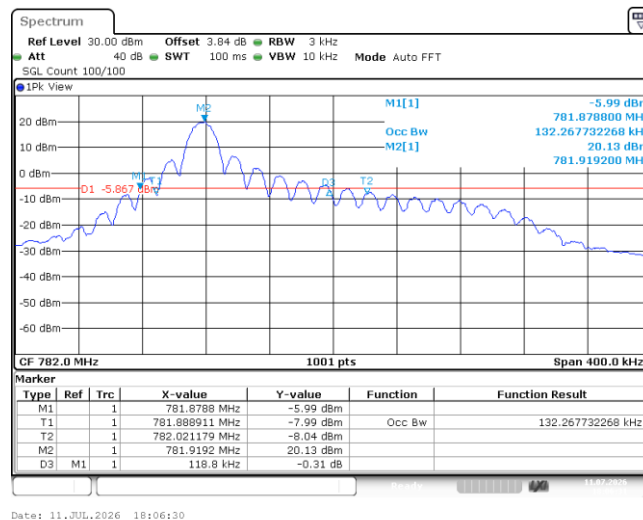
Band13-Stand-Alone-0.18-BPSK-23279-12@0-15kHz-0.254-0.184-PASS



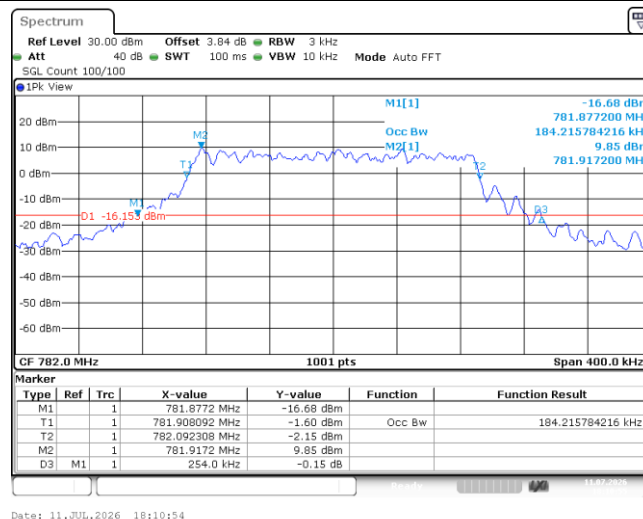
Band13-Stand-Alone-0.18-QPSK-23181-1@0-15kHz-0.119-0.133-PASS



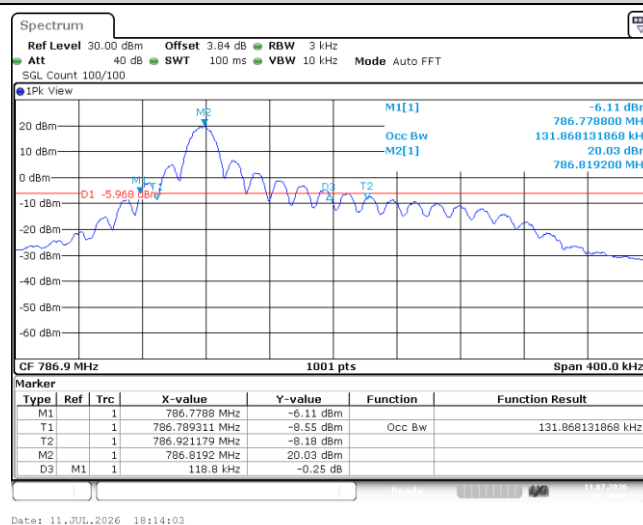
Band13-Stand-Alone-0.18-QPSK-23181-12@0-15kHz-0.254-0.185-PASS



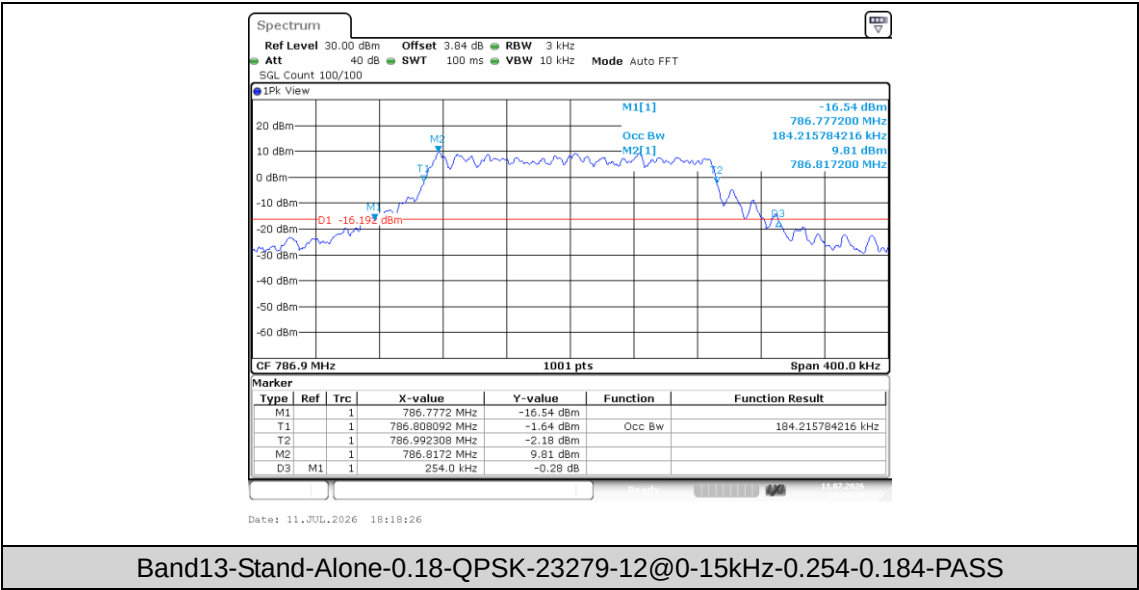
Band13-Stand-Alone-0.18-QPSK-23230-1@0-15kHz-0.119-0.132-PASS



Band13-Stand-Alone-0.18-QPSK-23230-12@0-15kHz-0.254-0.184-PASS



Band13-Stand-Alone-0.18-QPSK-23279-1@0-15kHz-0.119-0.132-PASS

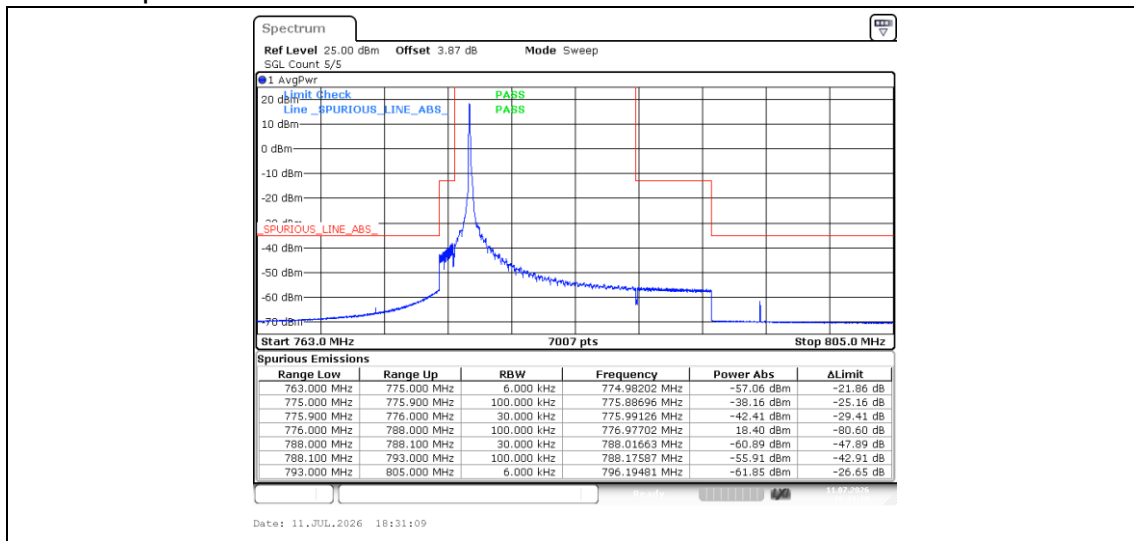


Appendix D: Band Edge for NB1

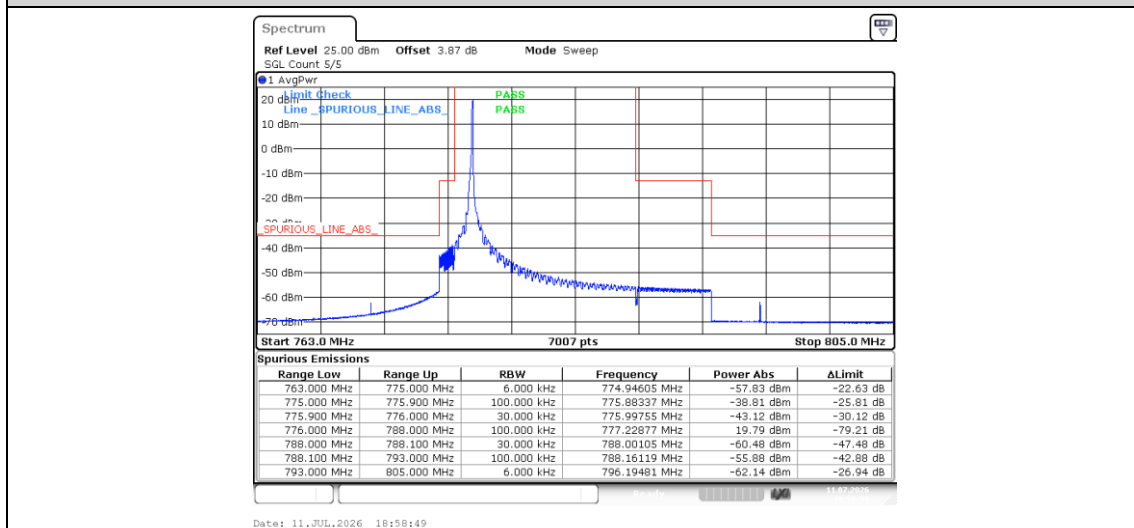
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Verdict
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23181	1@0	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23181	1@47	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23279	1@0	PASS
Band13	Stand-Alone	3.75kHz	0.18	BPSK	23279	1@47	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	12@0	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	12@0	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@0	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	1@11	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@0	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	1@11	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	PASS

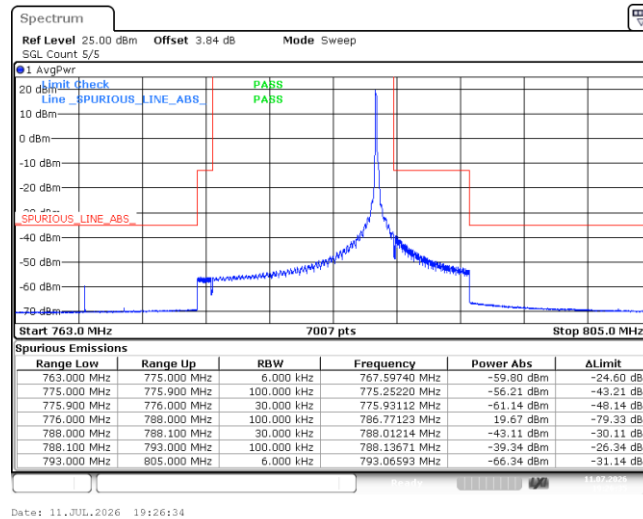
Test Graphs



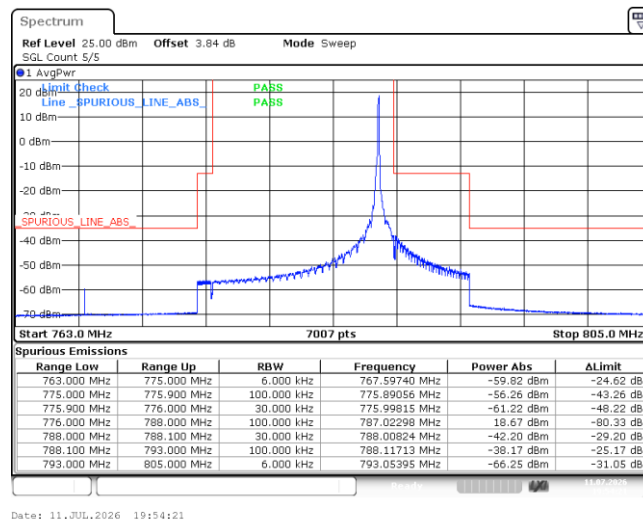
Band13_Stand-Alone_0.18_BPSK_23181_1@0_3.75kHz-Band13-Stand-Alone-0.18-BPSK-2
 3181-1@0-3.75kHz-774.98--57.06-21.86-PASS



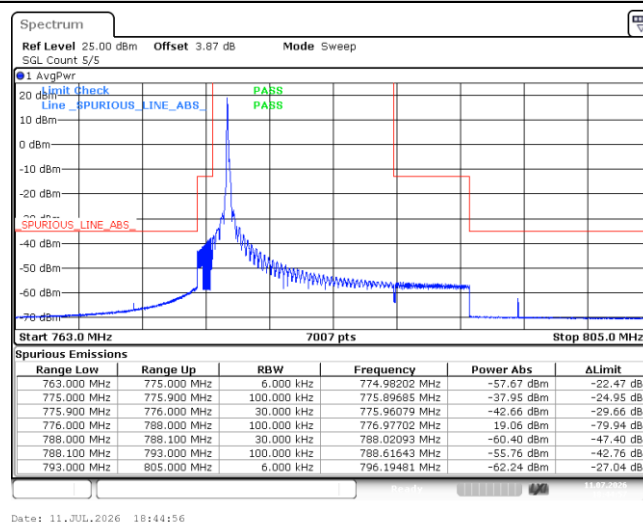
Band13_Stand-Alone_0.18_BPSK_23181_1@47_3.75kHz-Band13-Stand-Alone-0.18-BPSK-
 23181-1@47-3.75kHz-774.95--57.83-22.63-PASS



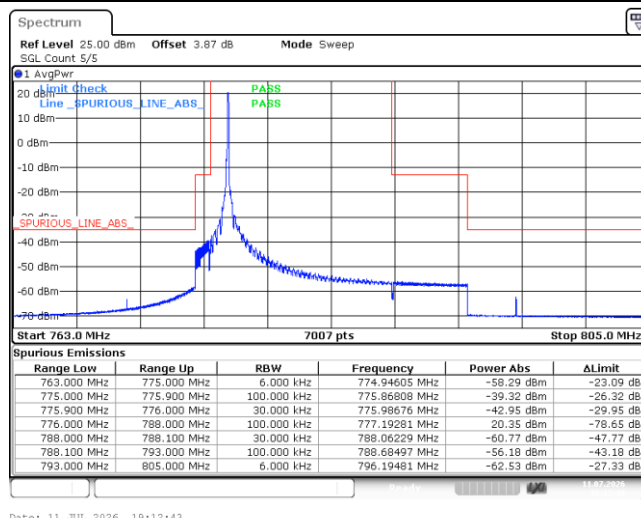
Band13_Stand-Alone_0.18_BPSK_23279_1@0_3.75kHz-Band13-Stand-Alone-0.18-BPSK-2
3279-1@0-3.75kHz-767.60--59.80-24.60-PASS



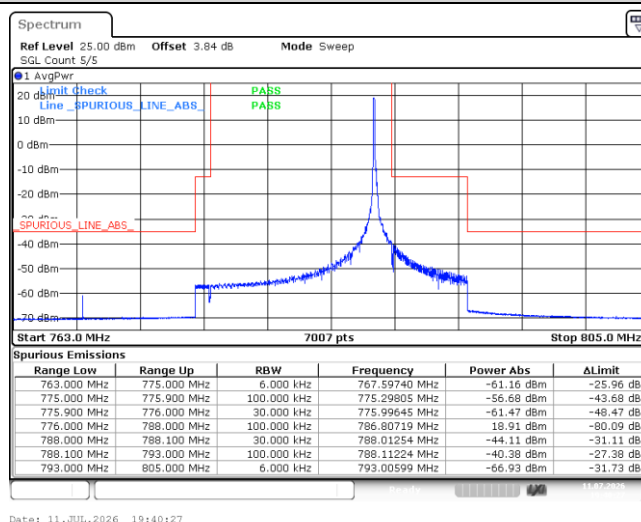
Band13_Stand-Alone_0.18_BPSK_23279_1@47_3.75kHz-Band13-Stand-Alone-0.18-BPSK-
23279-1@47-3.75kHz-767.60--59.82-24.62-PASS



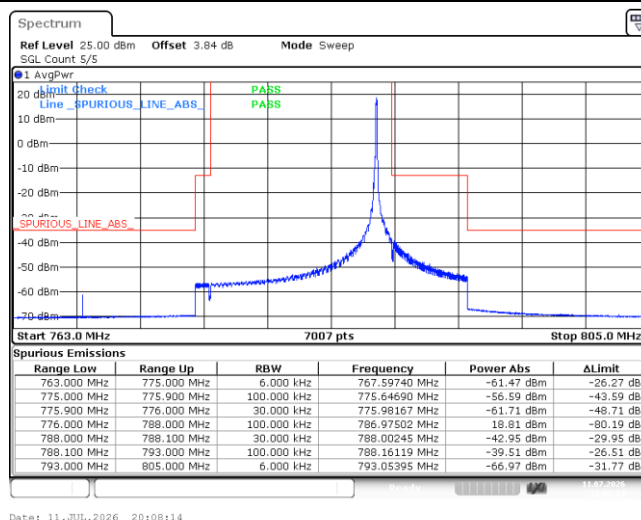
Band13_Stand-Alone_0.18_QPSK_23181_1@0_3.75kHz-Band13-Stand-Alone-0.18-QPSK-2
3181-1@0-3.75kHz-774.98--57.67-22.47-PASS



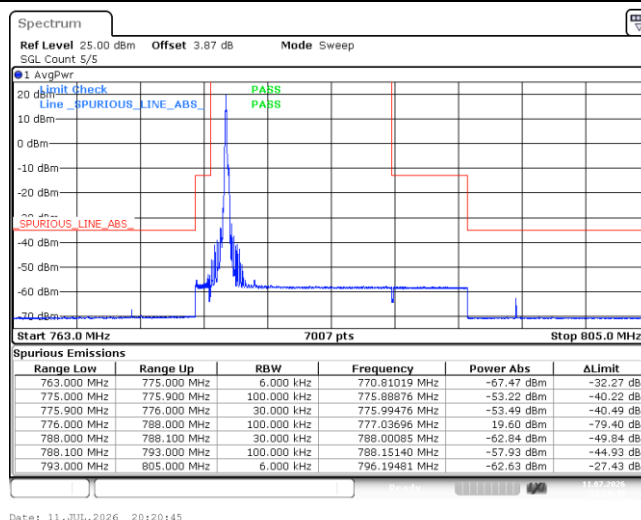
Band13_Stand-Alone_0.18_QPSK_23181_1@47_3.75kHz-Band13-Stand-Alone-0.18-QPSK-
23181-1@47-3.75kHz-774.95--58.29-23.09-PASS



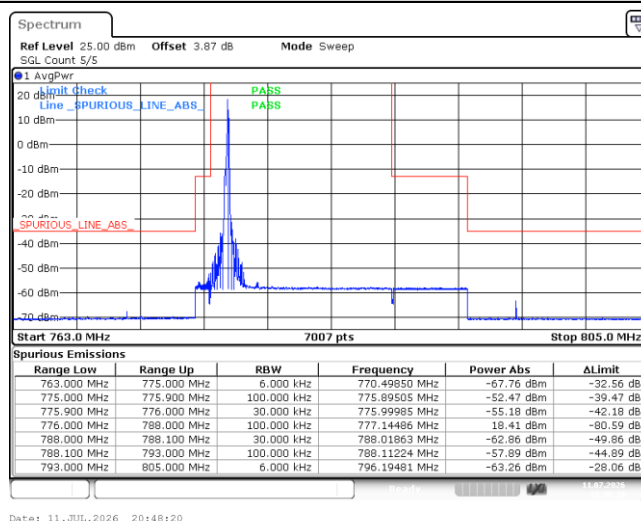
Band13_Stand-Alone_0.18_QPSK_23279_1@0_3.75kHz-Band13-Stand-Alone-0.18-QPSK-2
3279-1@0-3.75kHz-767.60--61.16-25.96-PASS



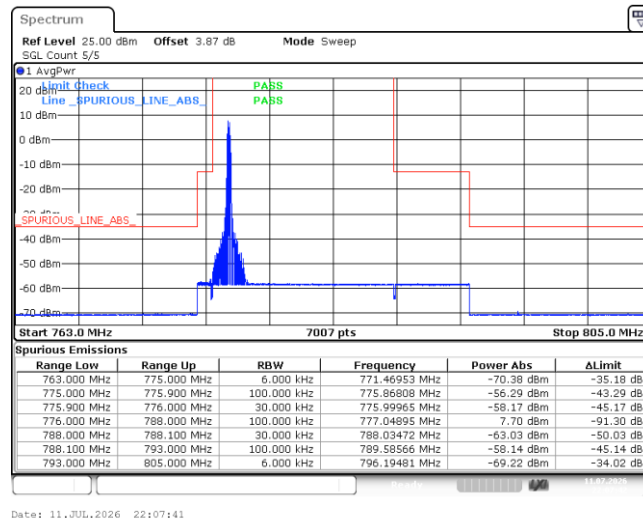
Band13_Stand-Alone_0.18_QPSK_23279_1@47_3.75kHz-Band13-Stand-Alone-0.18-QPSK-23279-1@47-3.75kHz-767.60--61.47-26.27-PASS



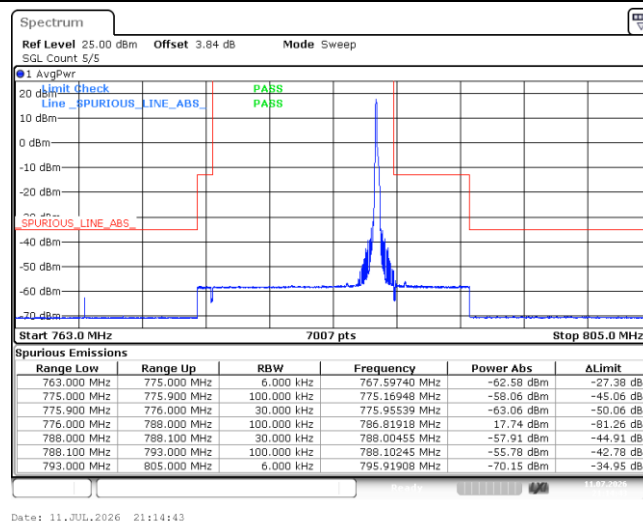
Band13_Stand-Alone_0.18_BPSK_23181_1@0_15kHz-Band13-Stand-Alone-0.18-BPSK-23181-1@0-15kHz-796.19--62.63-27.43-PASS



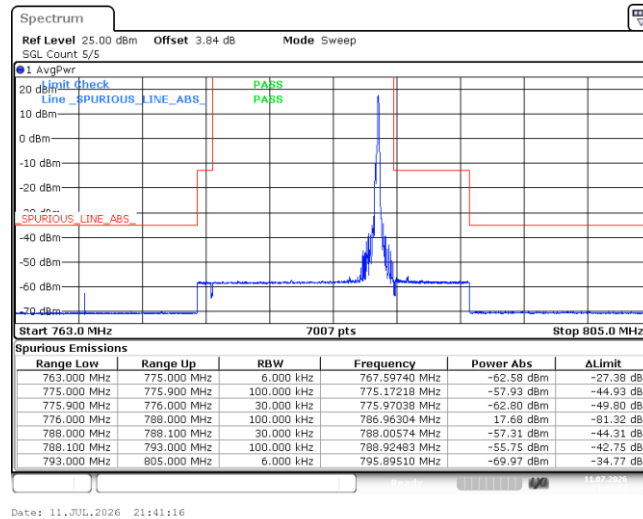
Band13_Stand-Alone_0.18_BPSK_23181_1@11_15kHz-Band13-Stand-Alone-0.18-BPSK-23181-1@11-15kHz-796.19--63.26-28.06-PASS



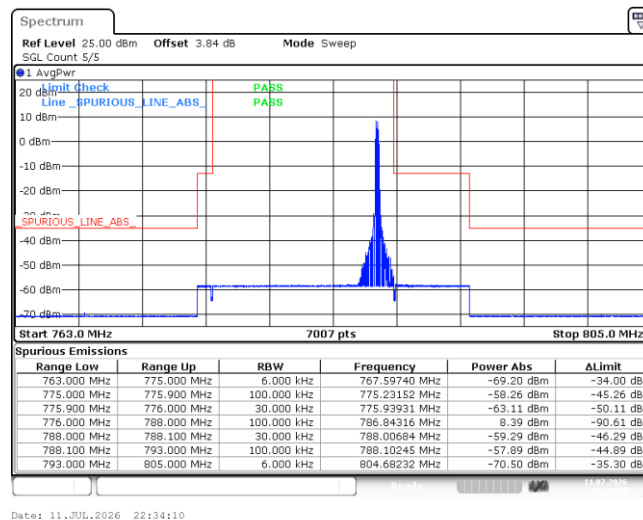
Band13_Stand-Alone_0.18_BPSK_23181_12@0_15kHz-Band13-Stand-Alone-0.18-BPSK-23181-12@0-15kHz-796.19--69.22-34.02-PASS



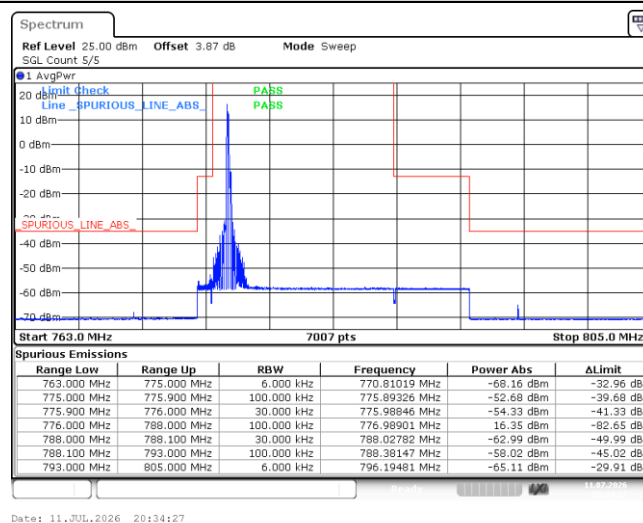
Band13_Stand-Alone_0.18_BPSK_23279_1@0_15kHz-Band13-Stand-Alone-0.18-BPSK-23279-1@0-15kHz-767.60--62.58-27.38-PASS



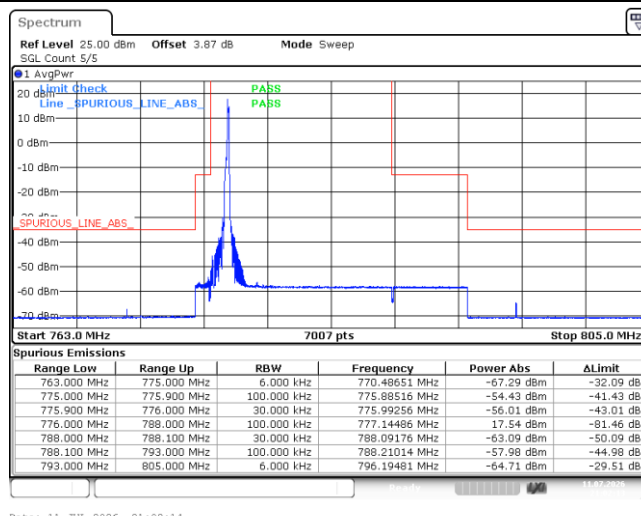
Band13_Stand-Alone_0.18_BPSK_23279_1@11_15kHz-Band13-Stand-Alone-0.18-BPSK-23279-1@11-15kHz-767.60--62.58-27.38-PASS



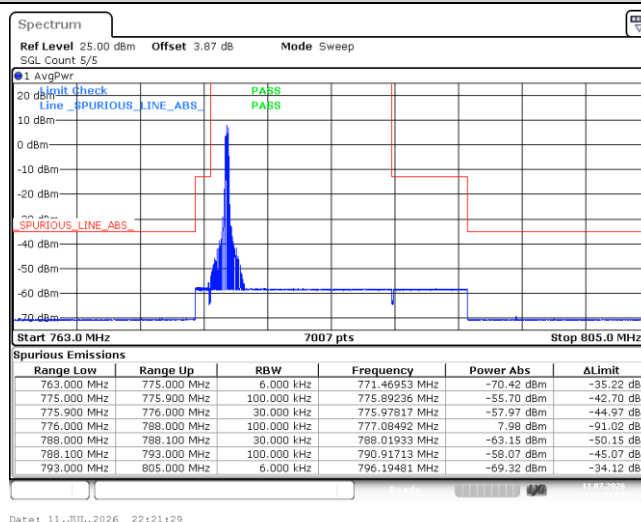
Band13_Stand-Alone_0.18_BPSK_23279_12@0_15kHz-Band13-Stand-Alone-0.18-BPSK-23279-12@0-15kHz-767.60--69.20-34.00-PASS



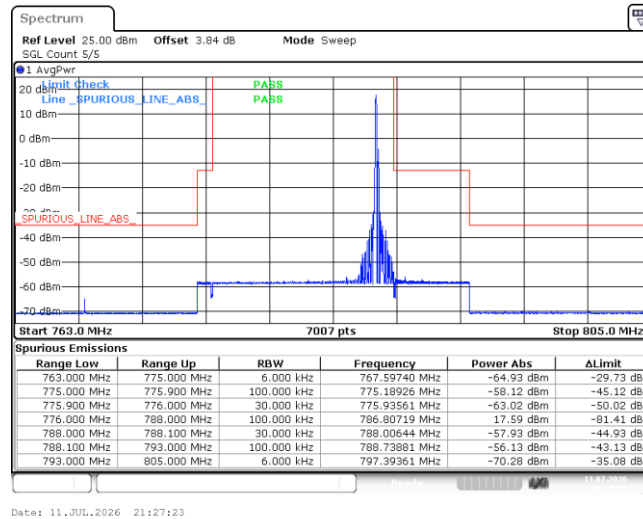
Band13_Stand-Alone_0.18_QPSK_23181_1@0_15kHz-Band13-Stand-Alone-0.18-QPSK-23181-1@0-15kHz-796.19--65.11-29.91-PASS



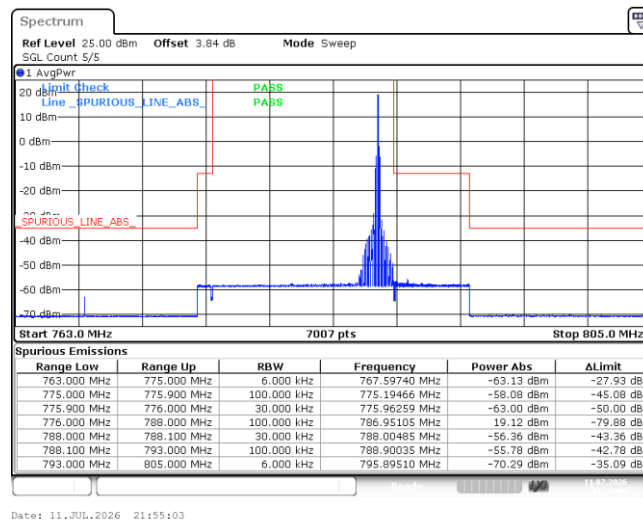
Band13_Stand-Alone_0.18_QPSK_23181_1@11_15kHz-Band13-Stand-Alone-0.18-QPSK-23181-1@11-15kHz-796.19--64.71-29.51-PASS



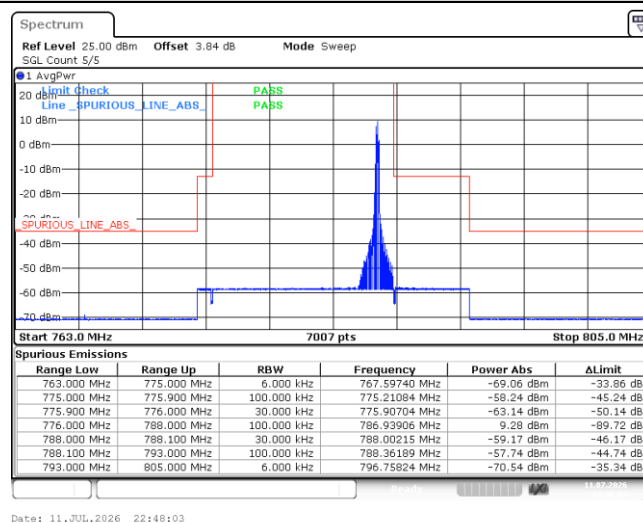
Band13_Stand-Alone_0.18_QPSK_23181_12@0_15kHz-Band13-Stand-Alone-0.18-QPSK-23181-12@0-15kHz-796.19--69.32-34.12-PASS



Band13_Stand-Alone_0.18_QPSK_23279_1@0_15kHz-Band13-Stand-Alone-0.18-QPSK-23279-1@0-15kHz-767.60--64.93-29.73-PASS



Band13_Stand-Alone_0.18_QPSK_23279_1@11_15kHz-Band13-Stand-Alone-0.18-QPSK-23279-1@11-15kHz-767.60--63.13-27.93-PASS



Band13_Stand-Alone_0.18_QPSK_23279_12@0_15kHz-Band13-Stand-Alone-0.18-QPSK-2
3279-12@0-15kHz-767.60--69.06-33.86-PASS

Appendix E: Conducted Spurious Emission for NB1

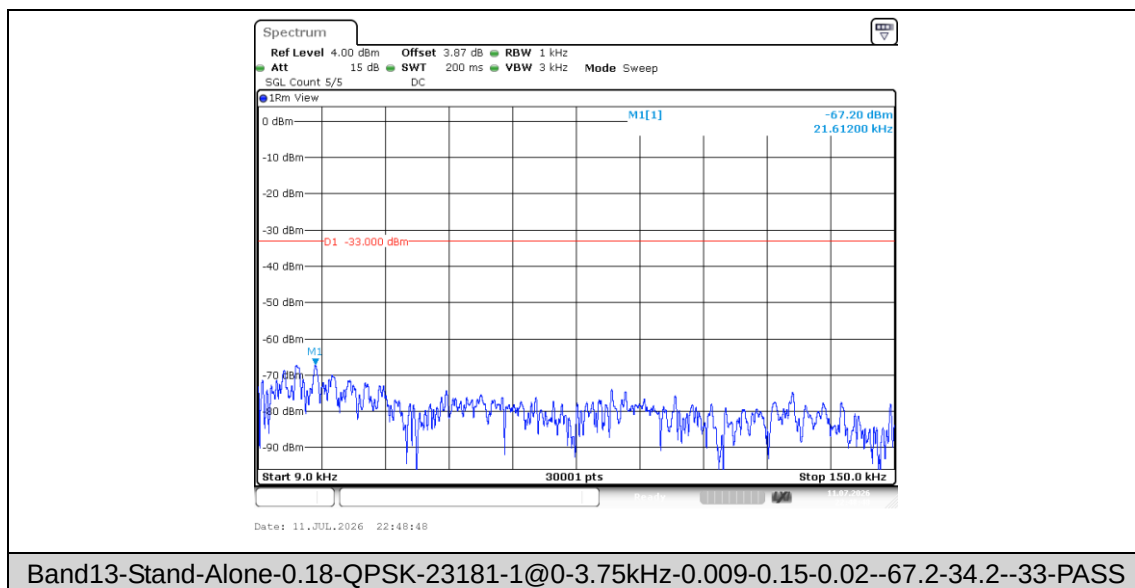
Test Result

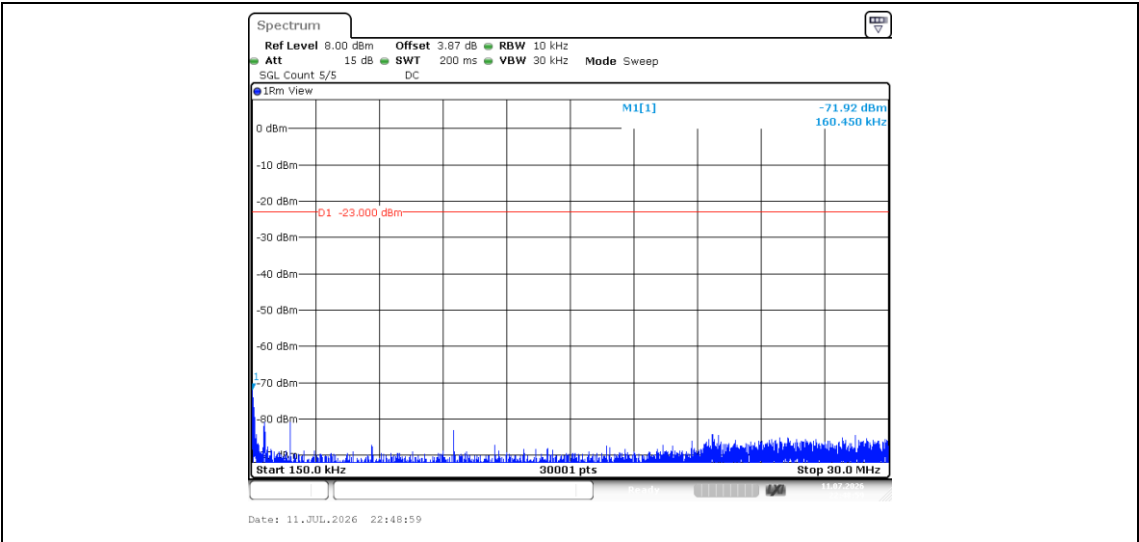
Band	OpMode	SCS	BW	Modu	Channel	Tones	Freq Start [MHz]	Freq Stop [MHz]	Verdict
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	793	805	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23181	1@47	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	793	805	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23230	1@47	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	763	775	PASS
Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	793	805	PASS

Band13	Stand-Alone	3.75kHz	0.18	QPSK	23279	1@47	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23181	1@11	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23230	1@11	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	BPSK	23279	1@11	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	793	805	PASS

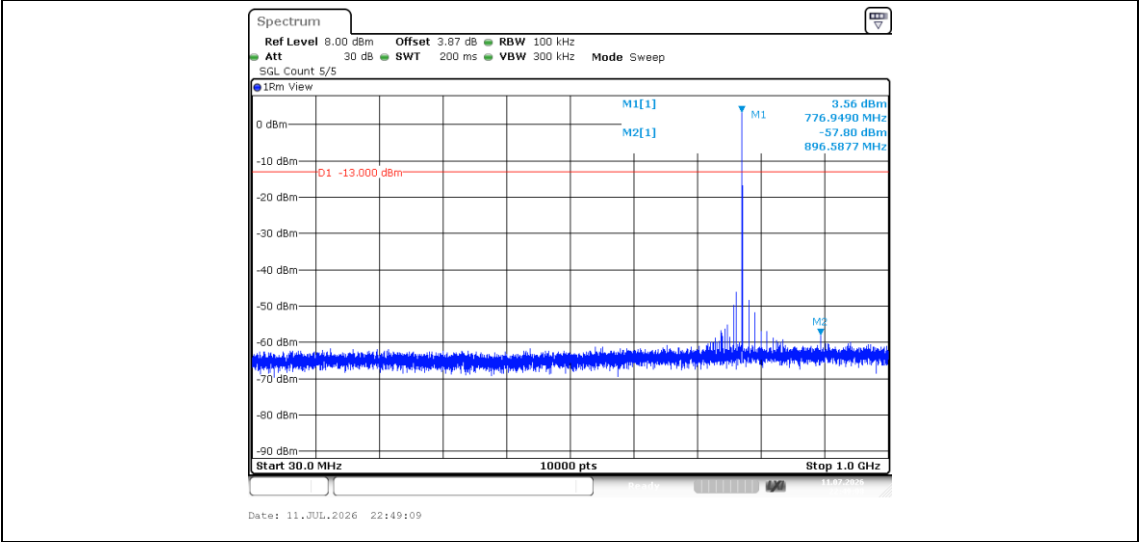
Band13	Stand-Alone	15kHz	0.18	QPSK	23181	12@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23230	12@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	30	1000	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	763	775	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	793	805	PASS
Band13	Stand-Alone	15kHz	0.18	QPSK	23279	12@0	1000	10000	PASS

Test Graphs

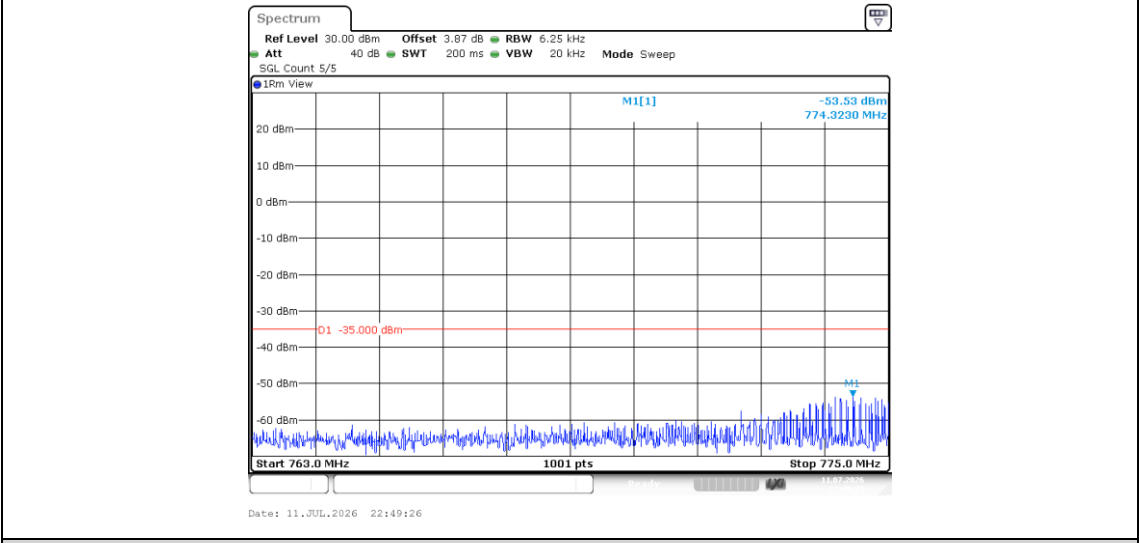




Band13-Stand-Alone-0.18-QPSK-23181-1@0-3.75kHz-0.15-30-0.16--71.92-48.92--23-PASS

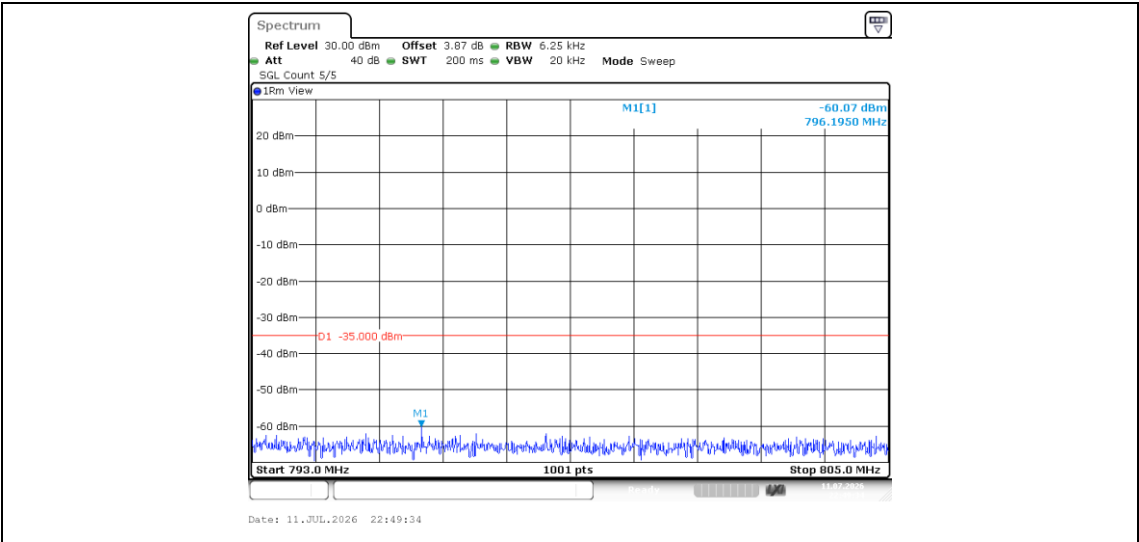


Band13-Stand-Alone-0.18-QPSK-23181-1@0-3.75kHz-30-1000-896.59--57.8-44.8--13-PASS

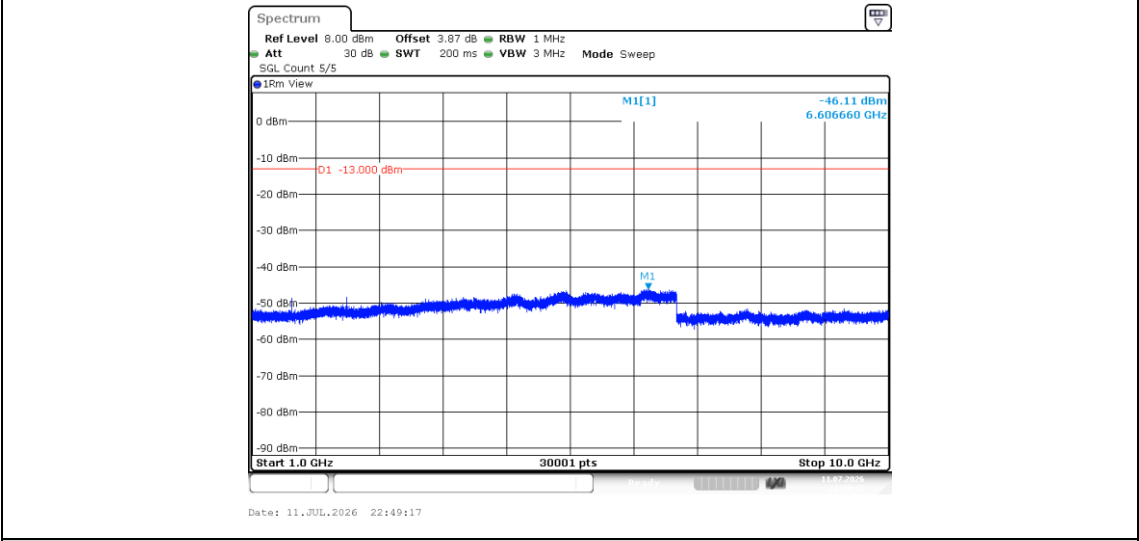


Band13-Stand-Alone-0.18-QPSK-23181-1@0-3.75kHz-763-775-774.32--53.53-18.53--35-PA

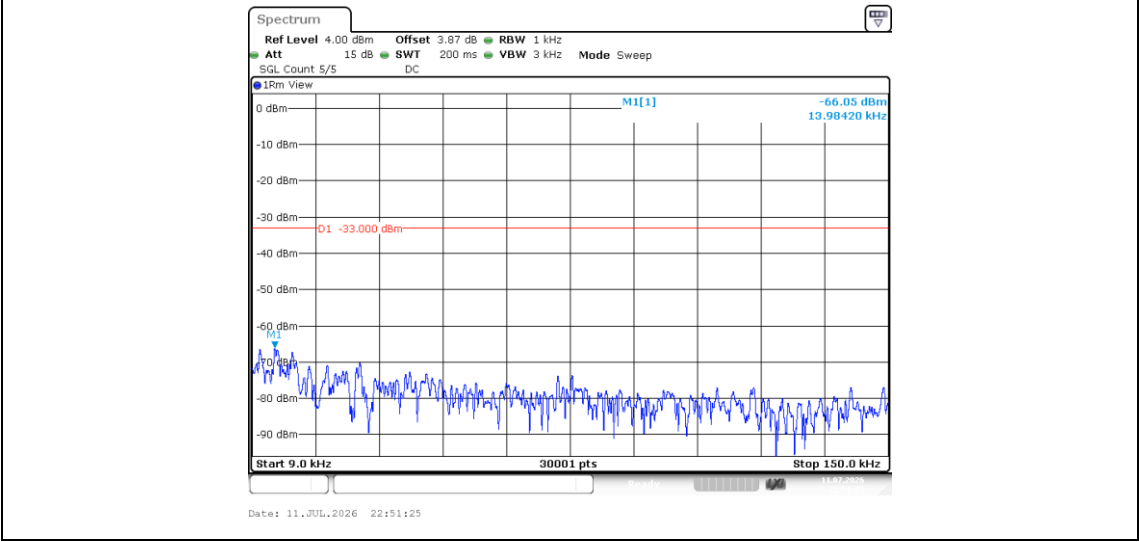
SS

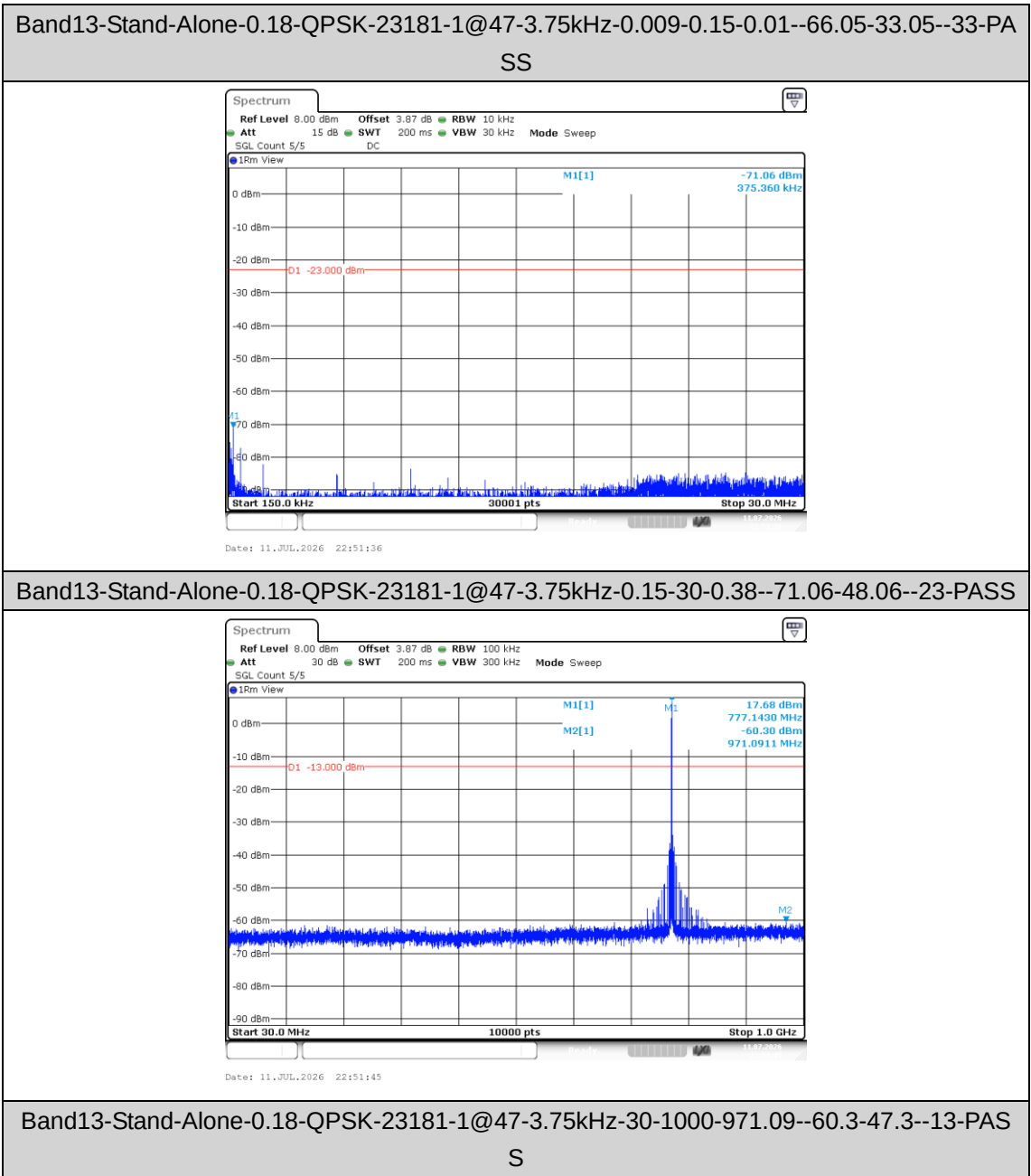


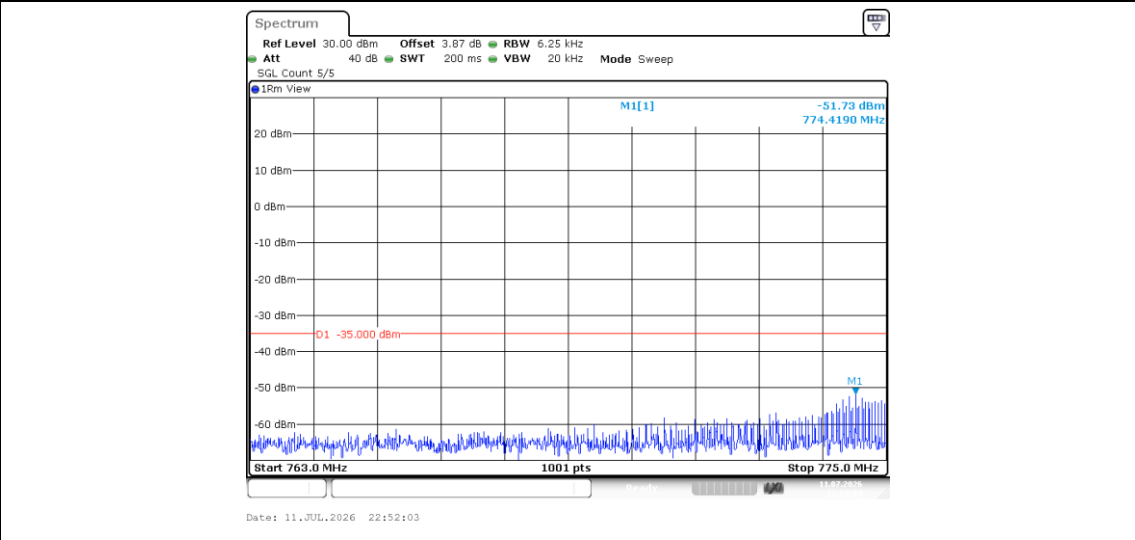
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SS



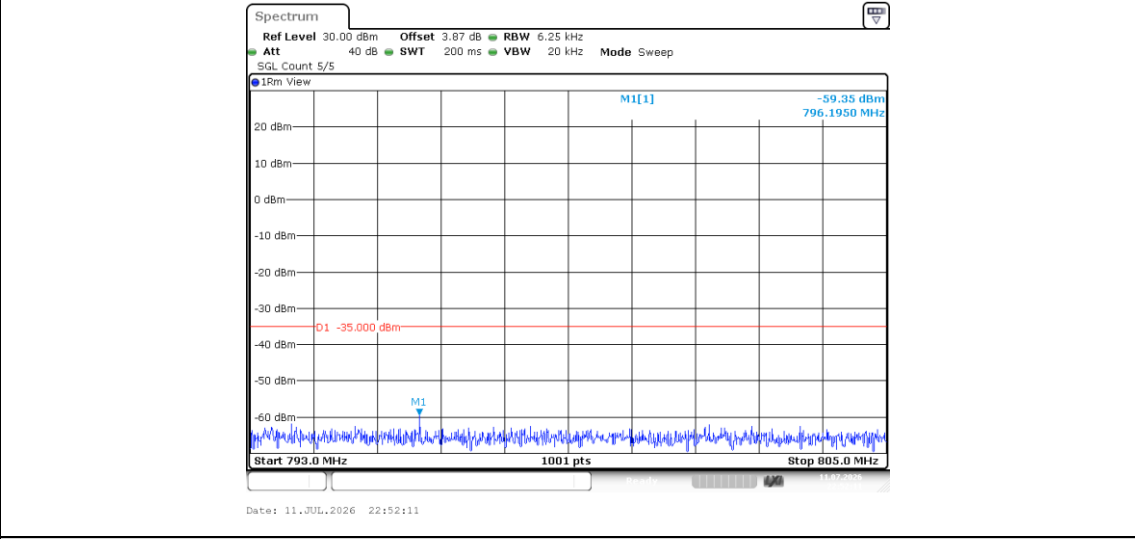
Band13-Stand-Alone-0.18-QPSK-23181-1@0-3.75kHz-1000-10000-6606.66--46.11-33.11--13
-PASS



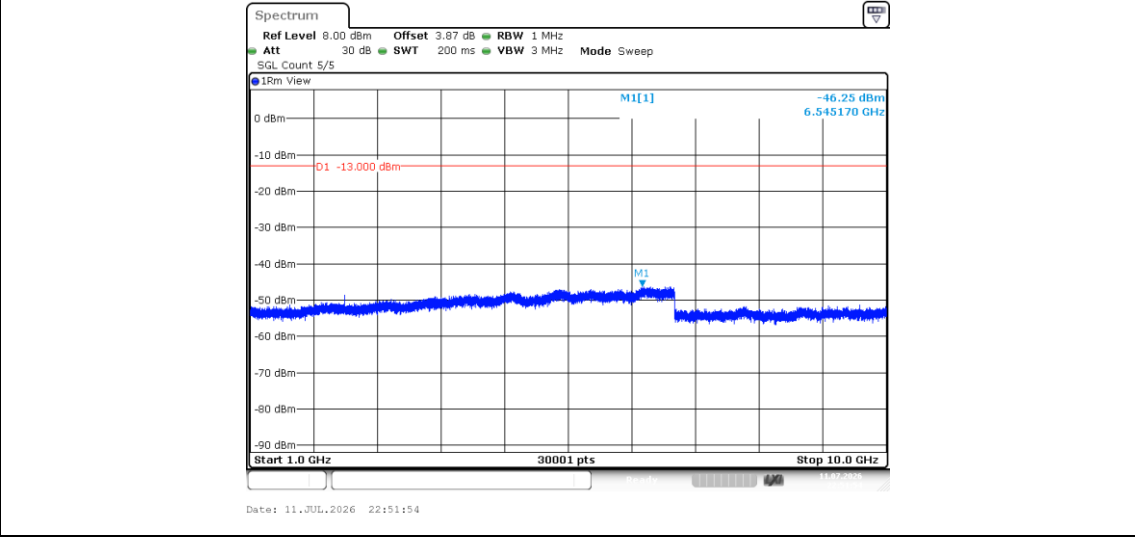




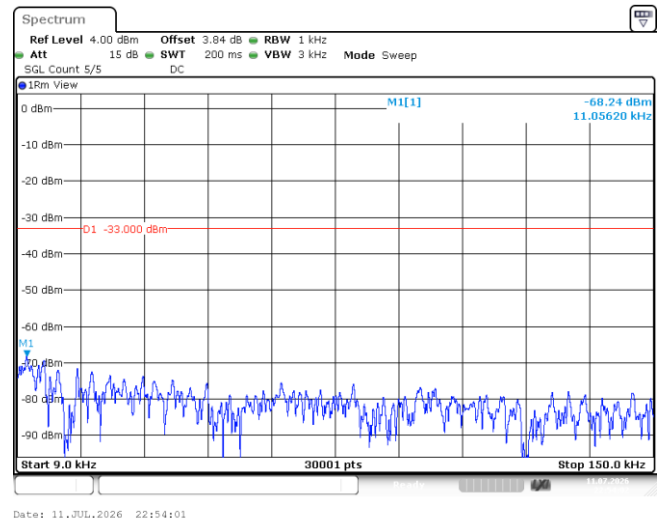
Band13-Stand-Alone-0.18-QPSK-23181-1@47-3.75kHz-763-775-774.42--51.73-16.73--35-PA
SS



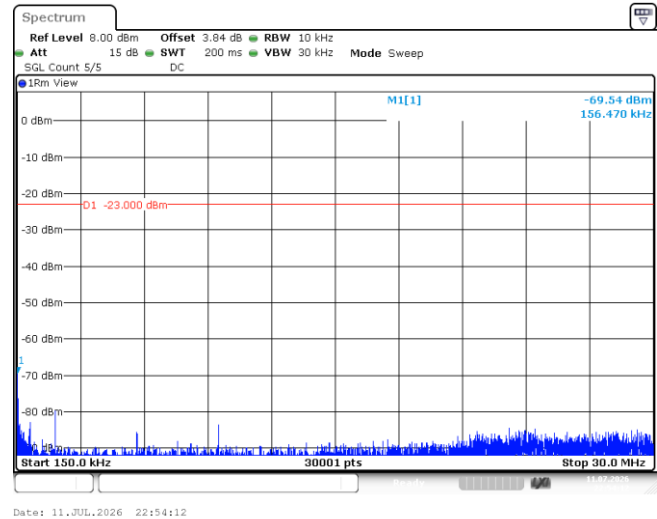
Band13-Stand-Alone-0.18-QPSK-23181-1@47-3.75kHz-793-805-796.20--59.35-24.35--35-PA
SS



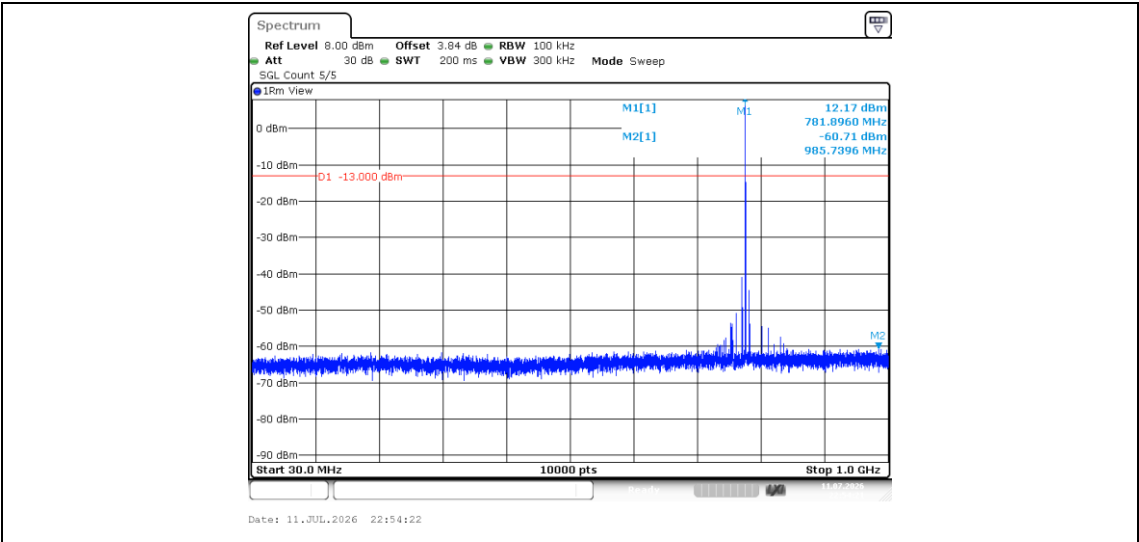
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13-PASS



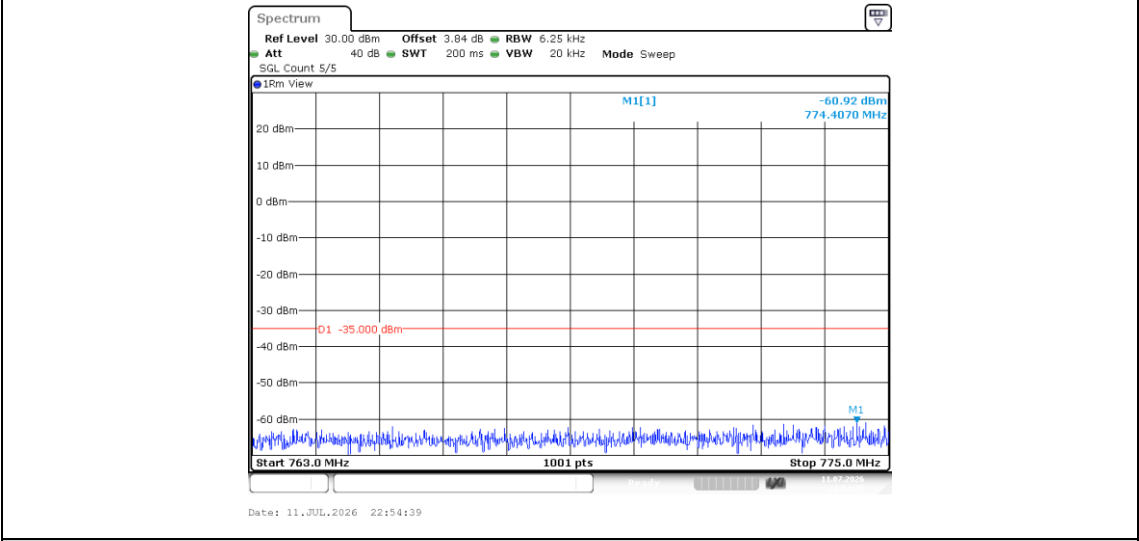
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-0.009-0.15-0.01--68.24-35.24--33-PA
SS



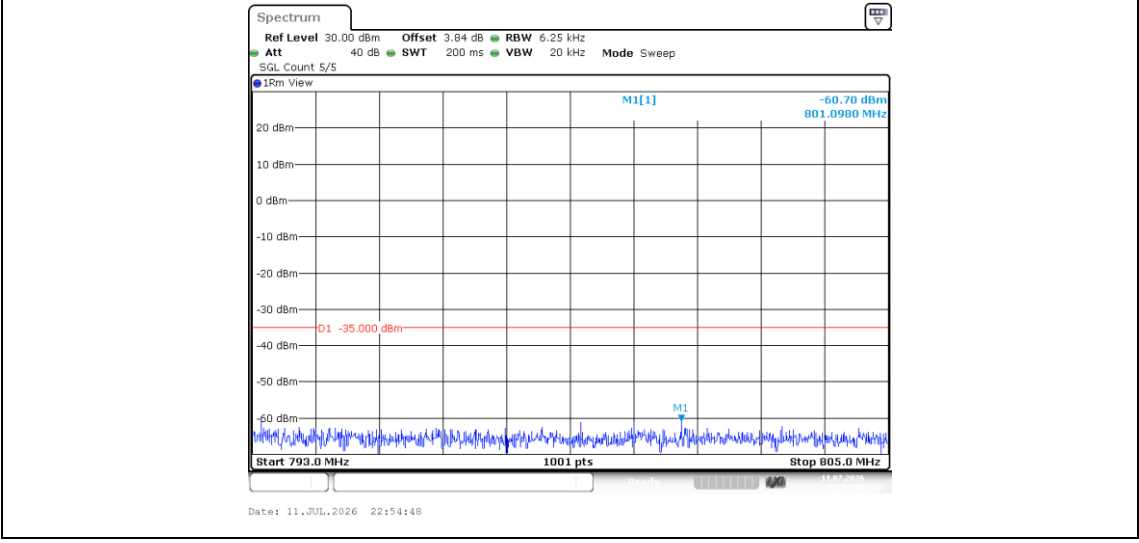
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-0.15-30-0.16--69.54-46.54--23-PASS



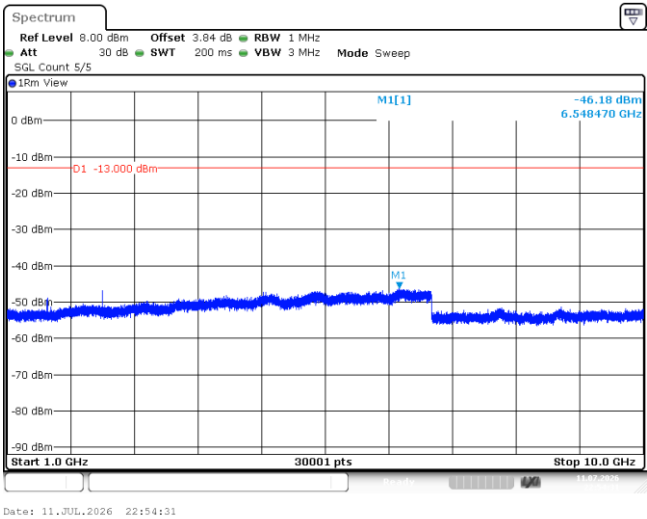
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-30-1000-985.74--60.71-47.71--13-PA
SS



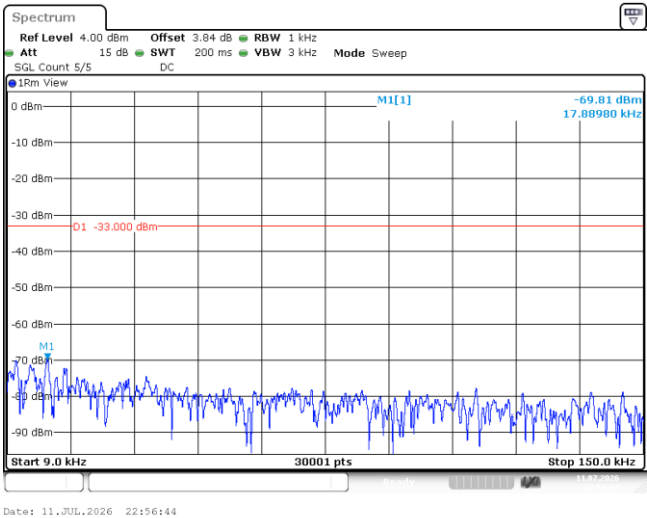
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-763-775-774.41--60.92-25.92--35-PA
SS



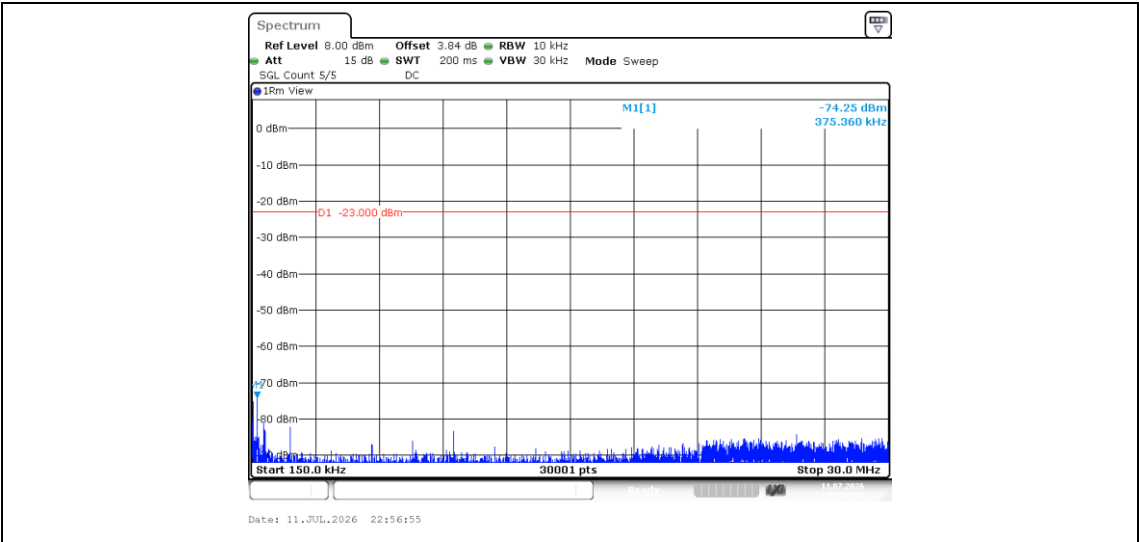
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-793-805-801.10--60.7-25.7--35-PASS



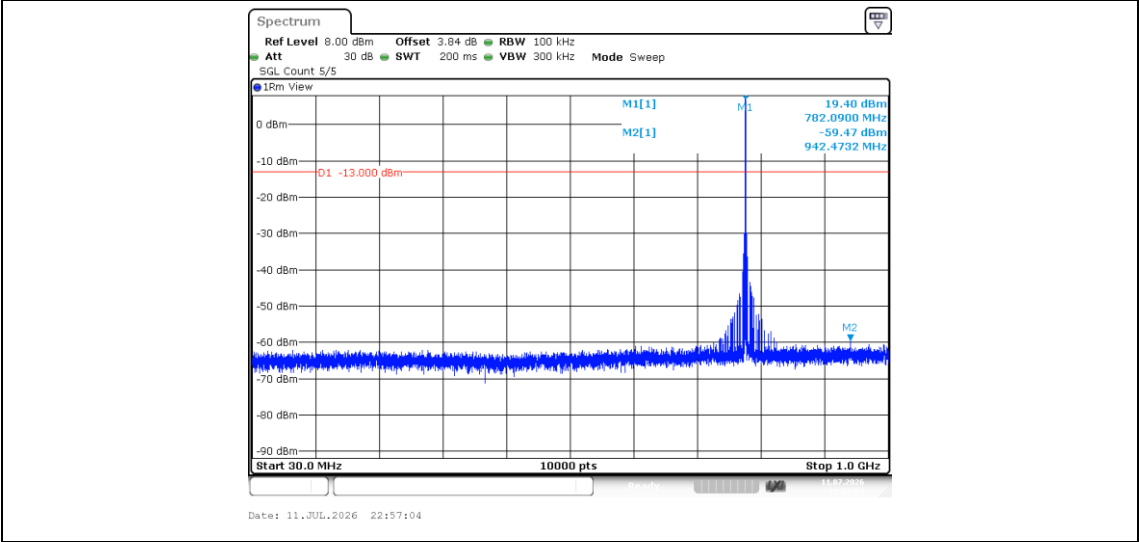
Band13-Stand-Alone-0.18-QPSK-23230-1@0-3.75kHz-1000-10000-6548.47--46.18-33.18--1
3-PASS



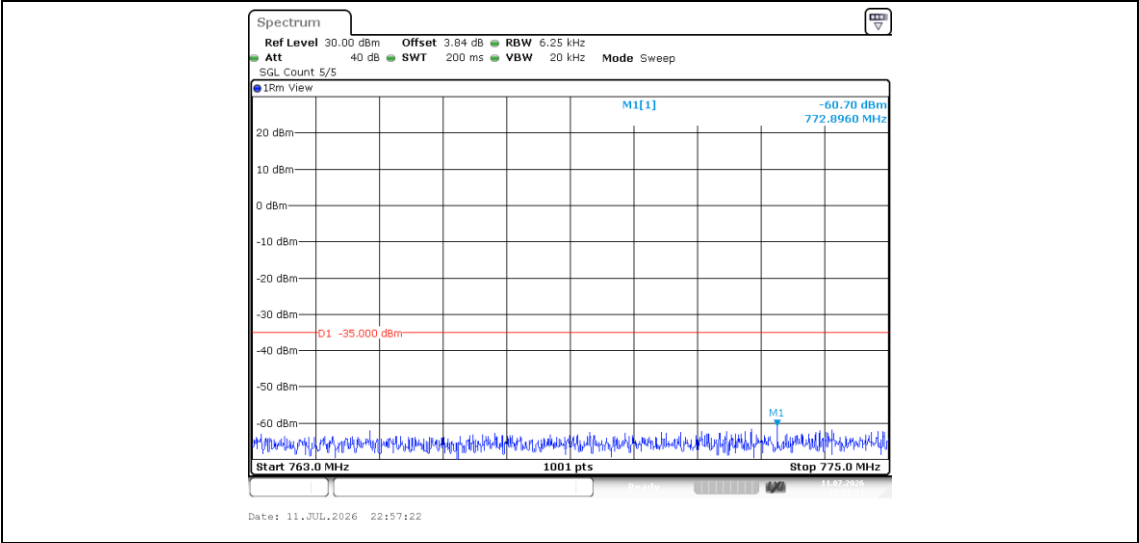
Band13-Stand-Alone-0.18-QPSK-23230-1@47-3.75kHz-0.009-0.15-0.02--69.81-36.81--33-PA
SS



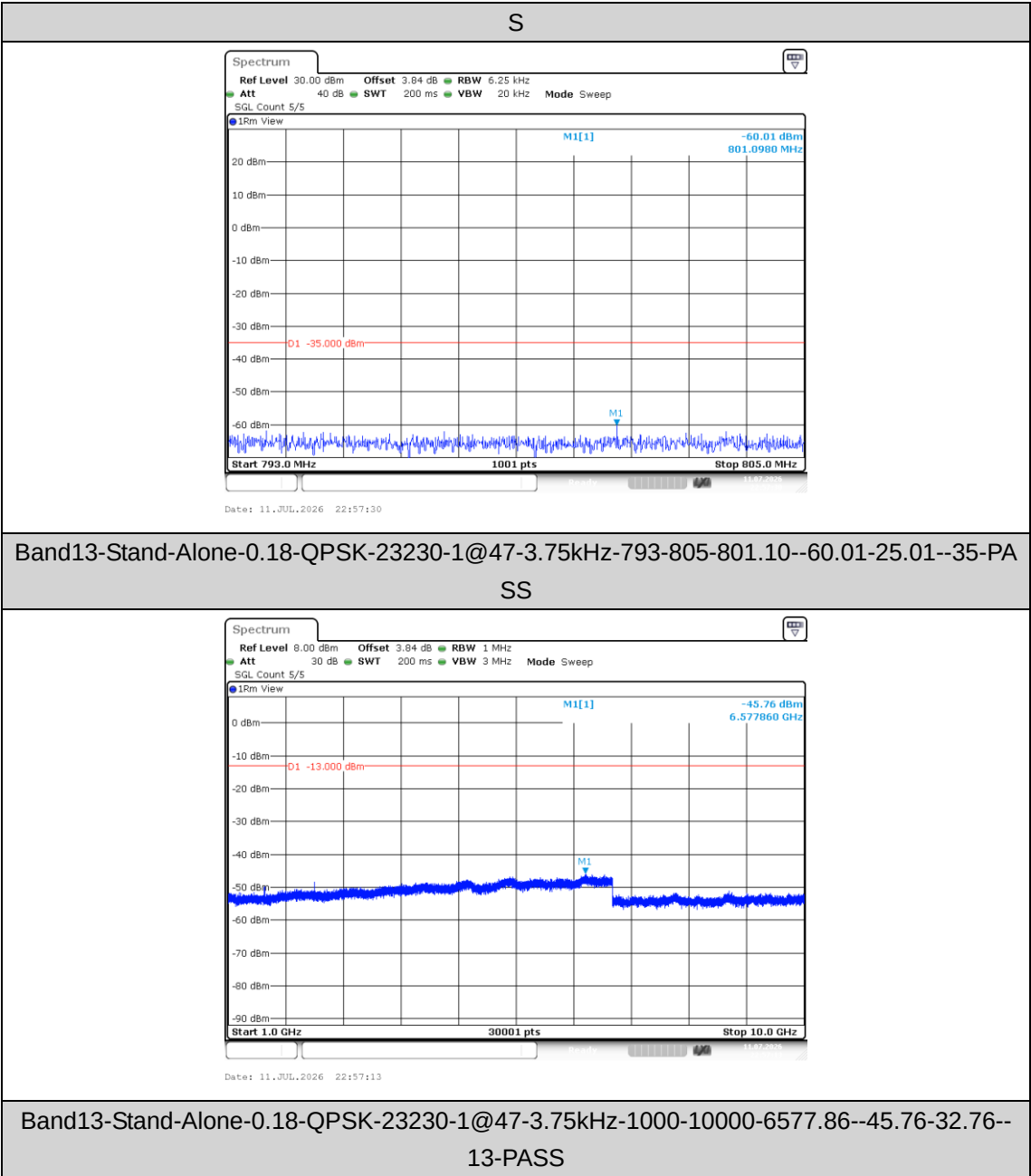
Band13-Stand-Alone-0.18-QPSK-23230-1@47-3.75kHz-0.15-30-0.38--74.25-51.25--23-PASS

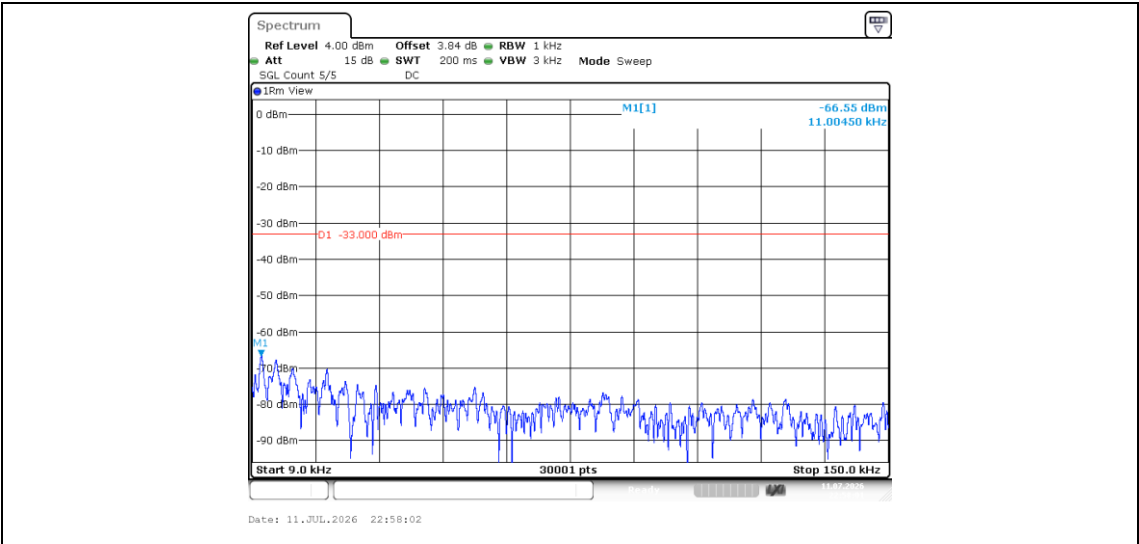


Band13-Stand-Alone-0.18-QPSK-23230-1@47-3.75kHz-30-1000-942.47--59.47-46.47--13-PASS

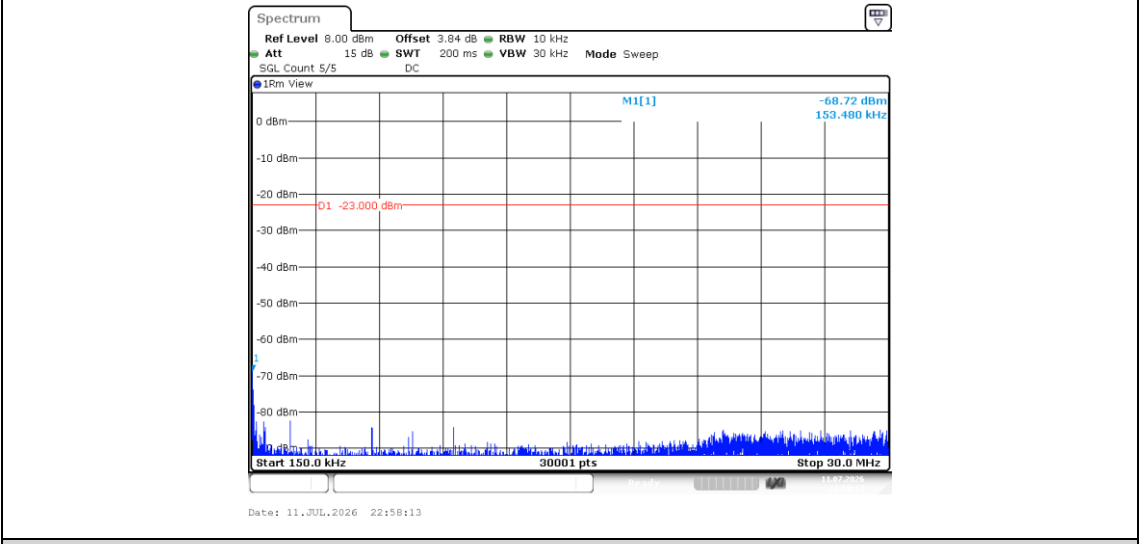


Band13-Stand-Alone-0.18-QPSK-23230-1@47-3.75kHz-763-775-772.90--60.7-25.7--35-PASS

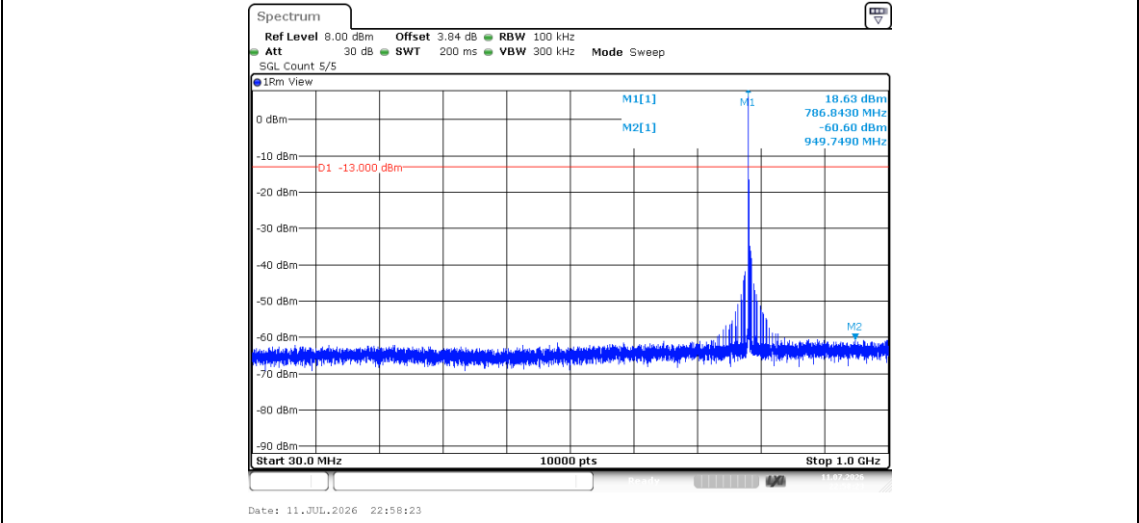




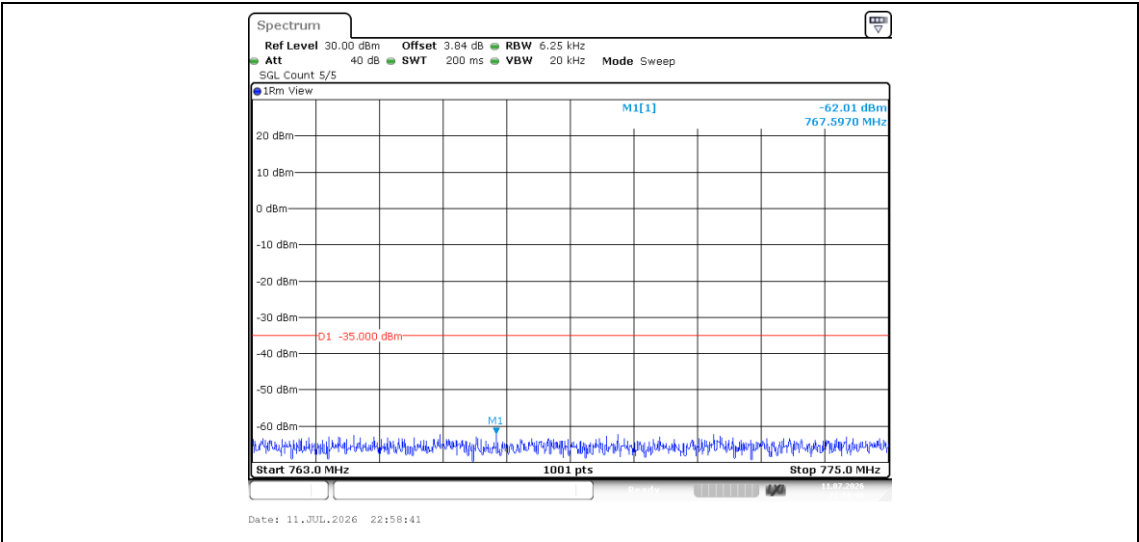
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-0.009-0.15-0.01--66.55-33.55--33-PA
SS



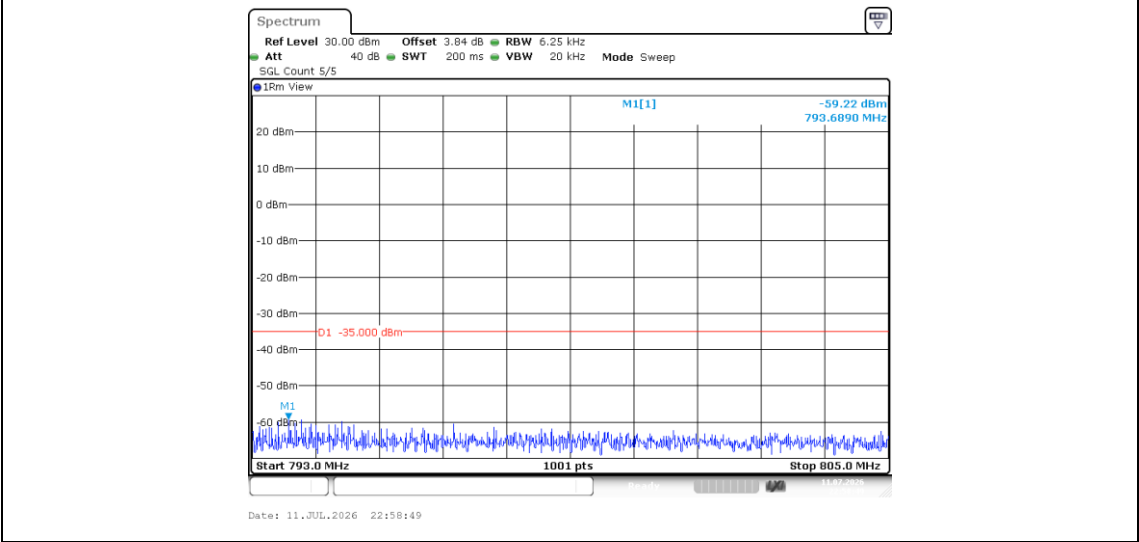
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-0.15-30-0.15--68.72-45.72--23-PASS



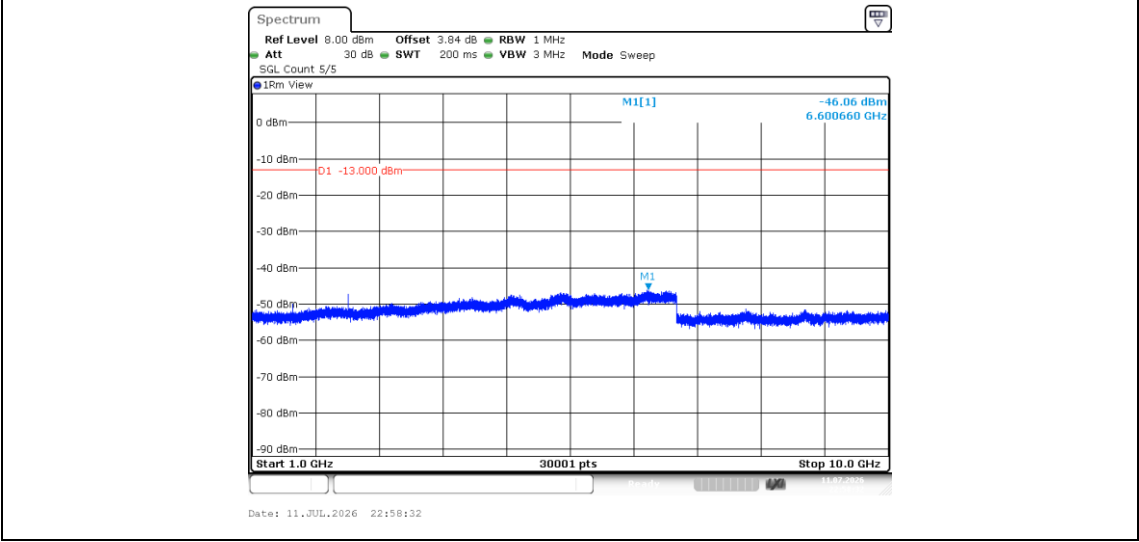
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-30-1000-949.75--60.6-47.6--13-PASS



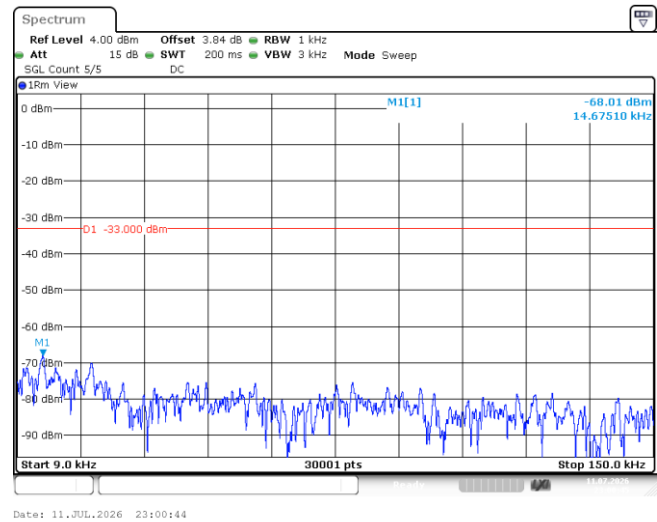
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-763-775-767.60--62.01-27.01--35-PA
SS



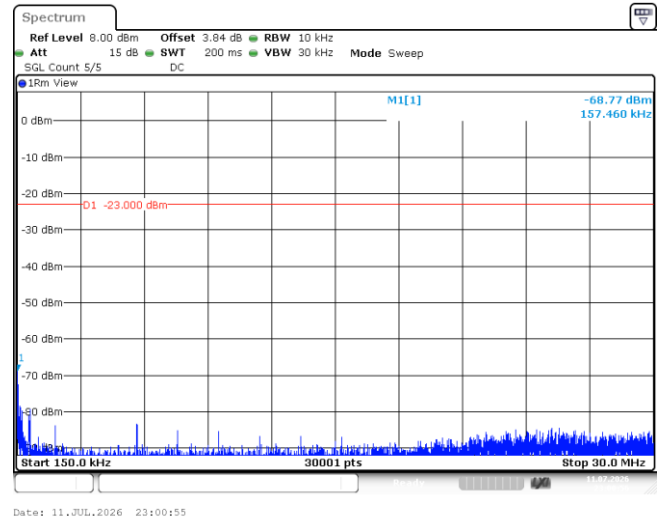
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-793-805-793.69--59.22-24.22--35-PA
SS



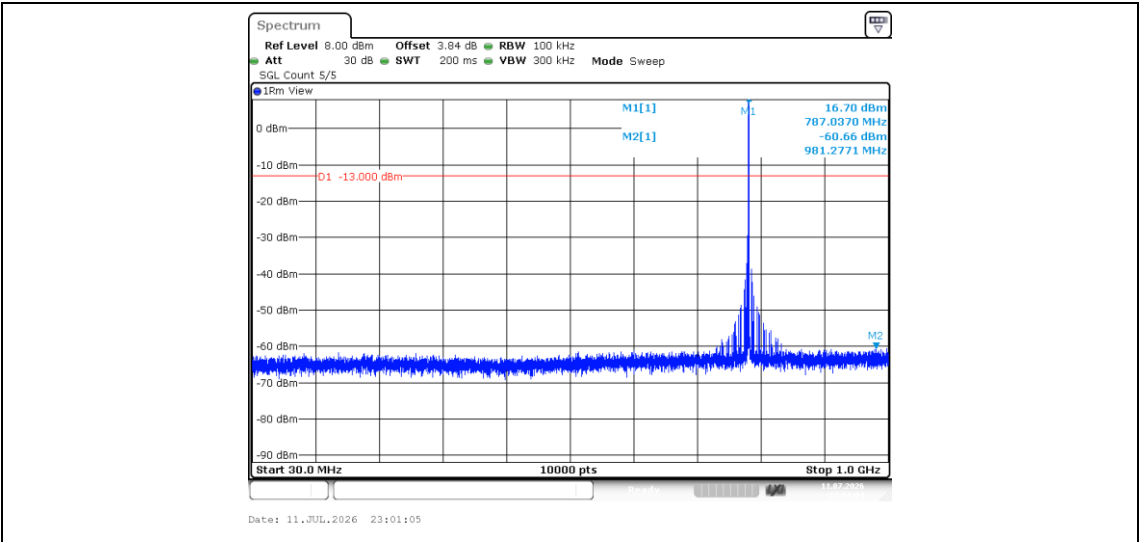
Band13-Stand-Alone-0.18-QPSK-23279-1@0-3.75kHz-1000-10000-6600.66--46.06-33.06--1
3-PASS



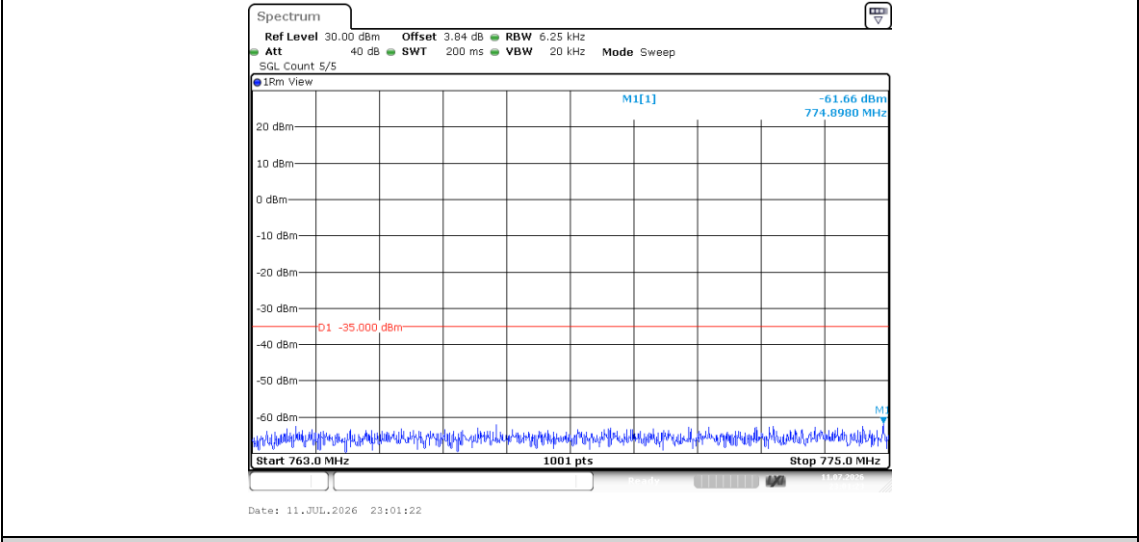
Band13-Stand-Alone-0.18-QPSK-23279-1@47-3.75kHz-0.009-0.15-0.01--68.01-35.01--33-PA
SS



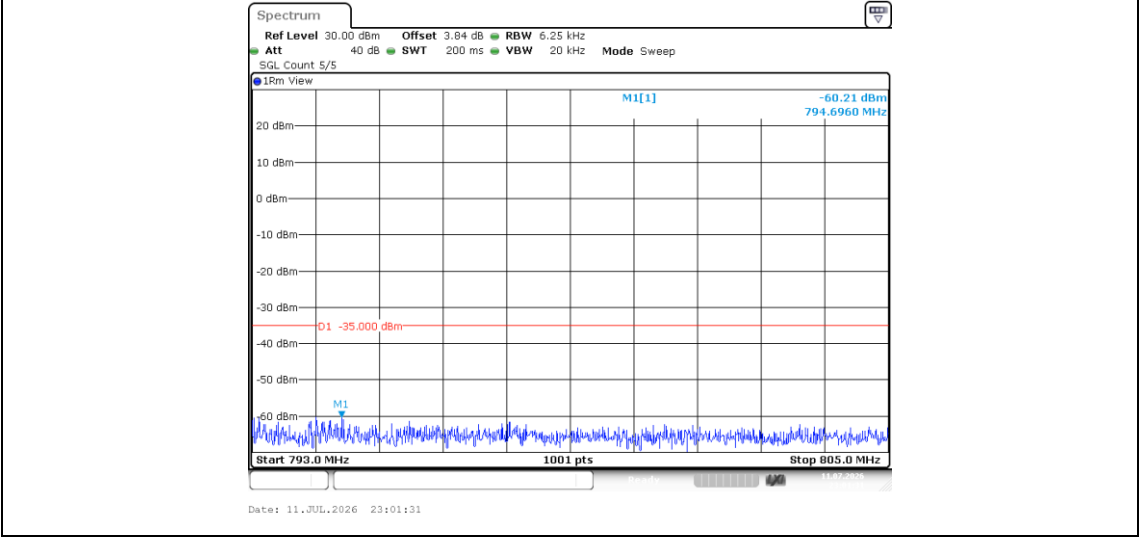
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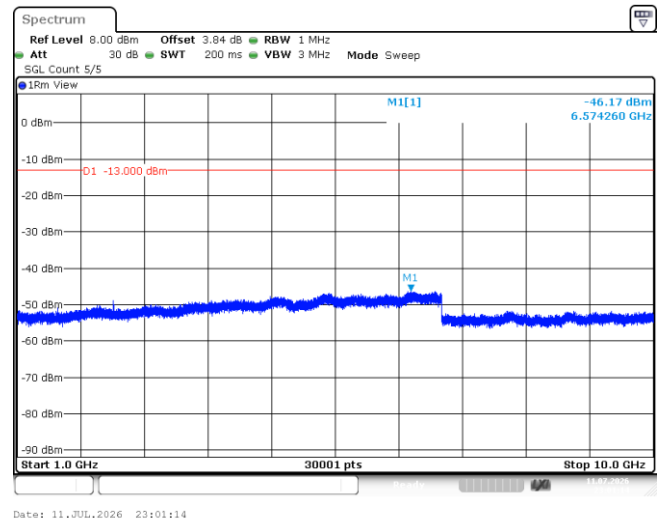
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SS



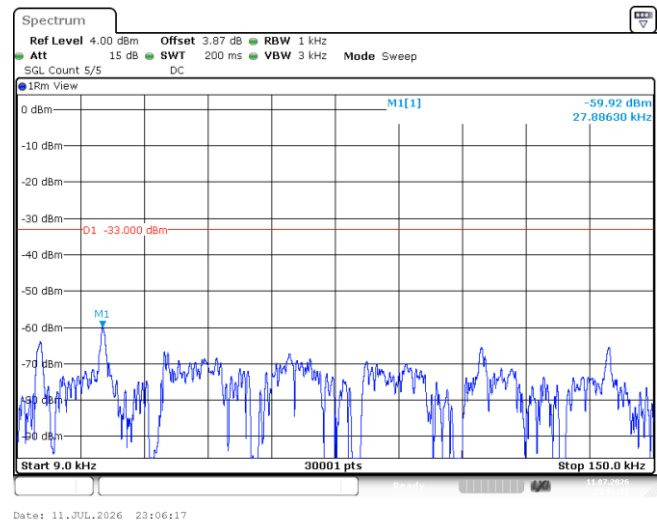
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SS



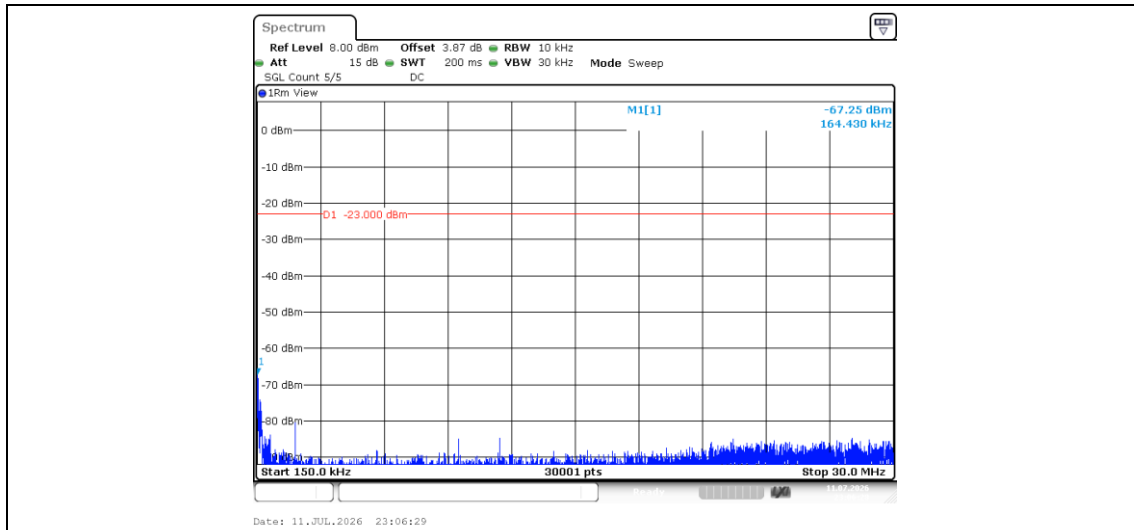
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SS



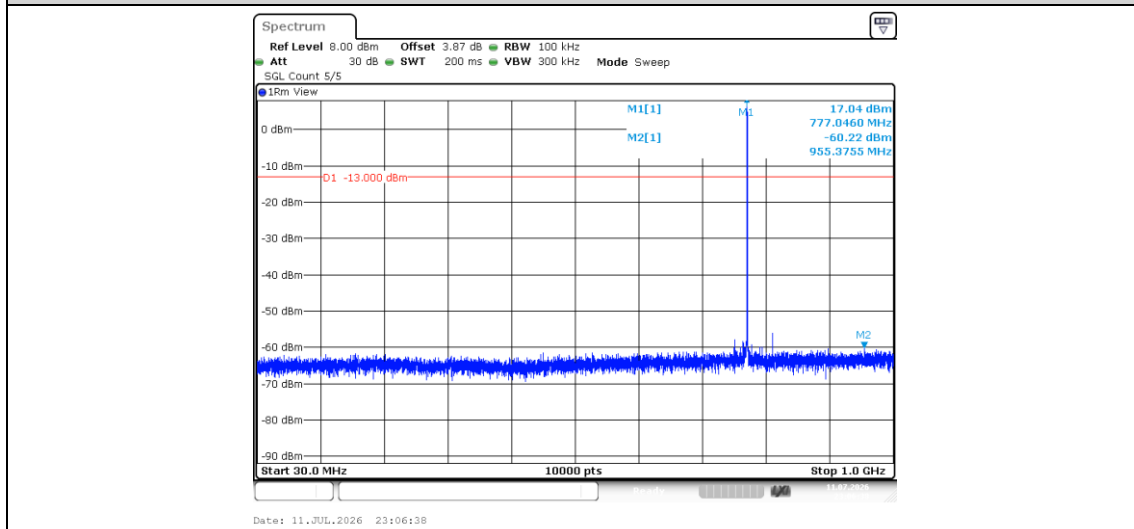
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13-PASS



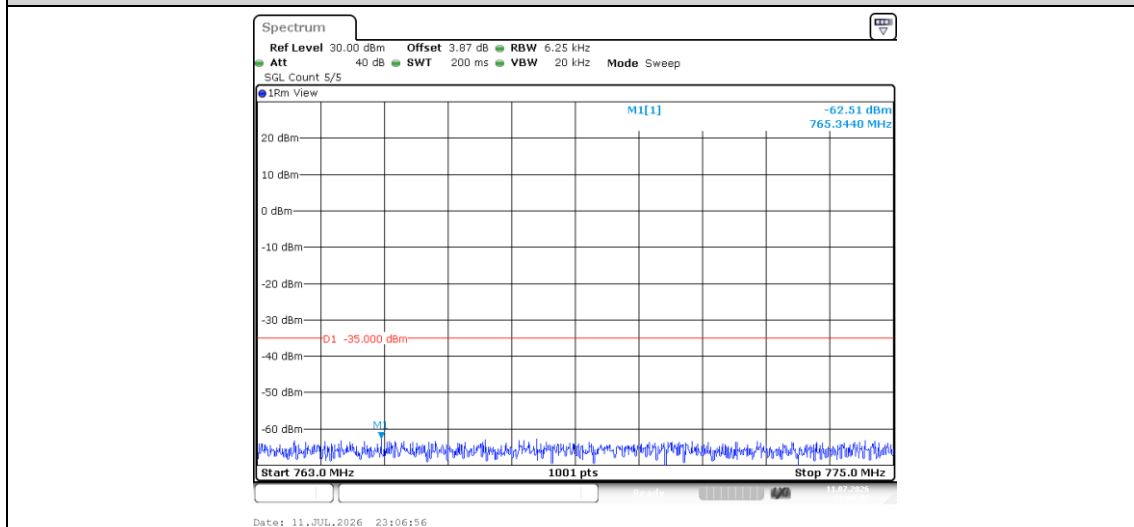
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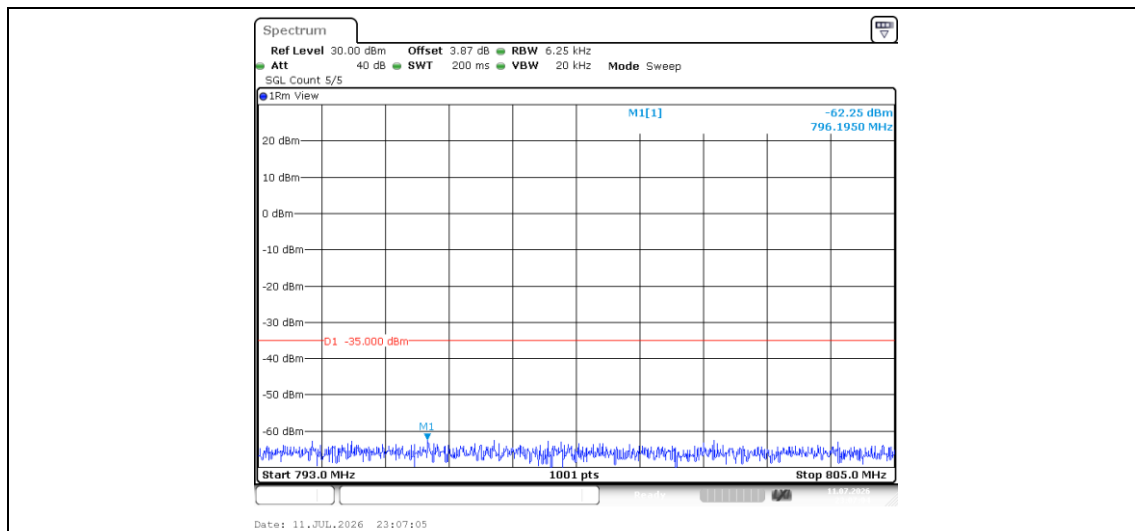
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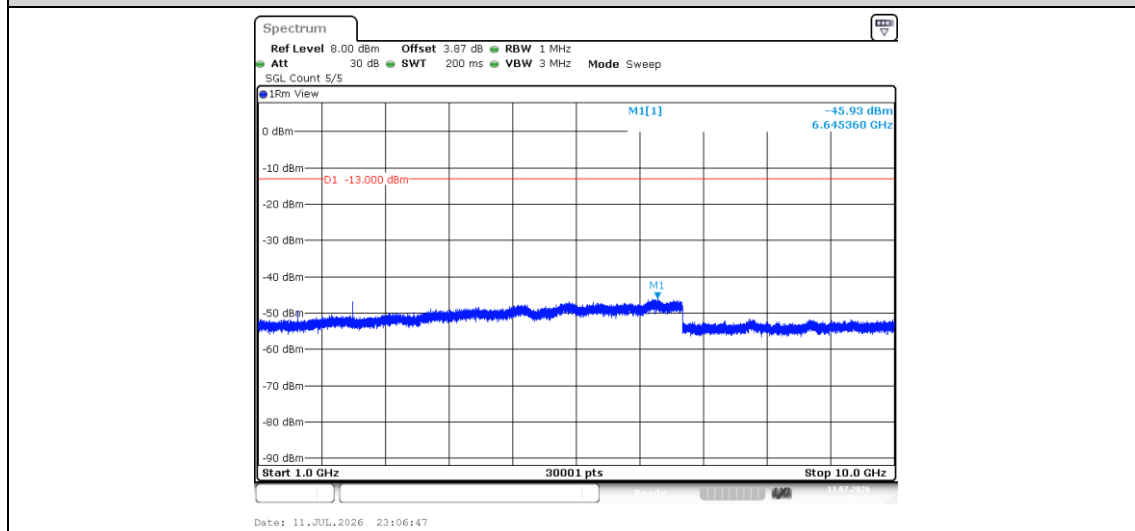
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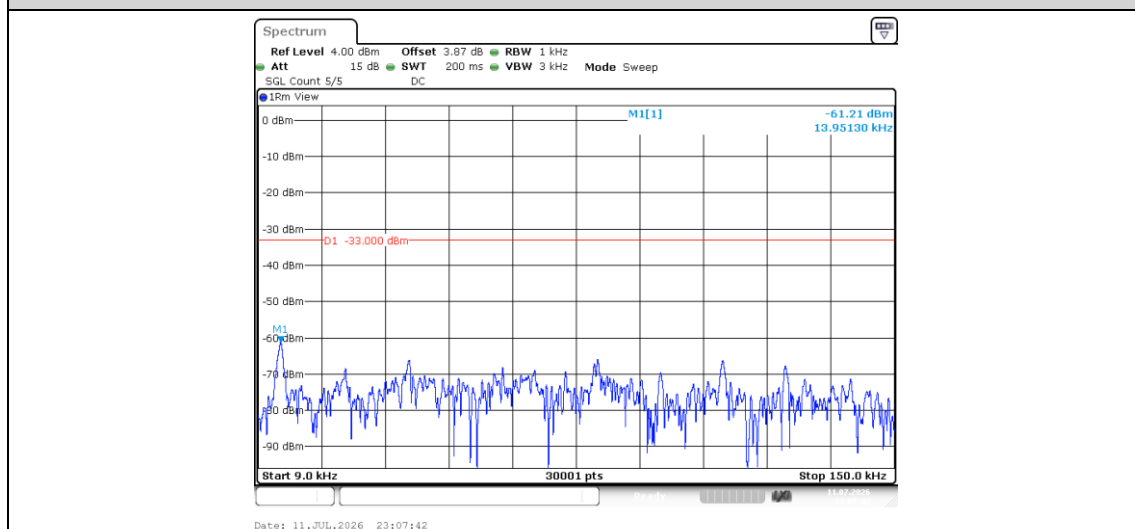
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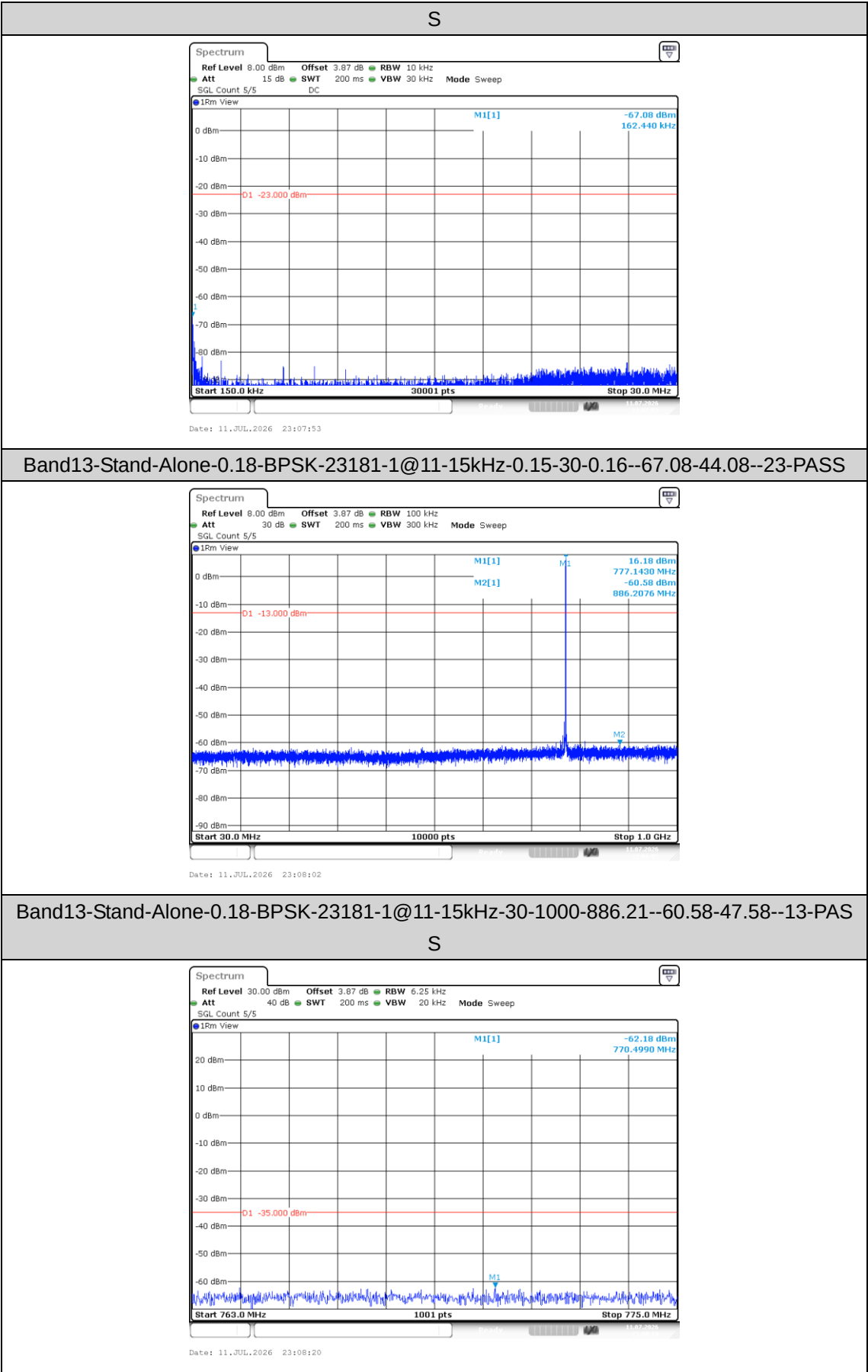
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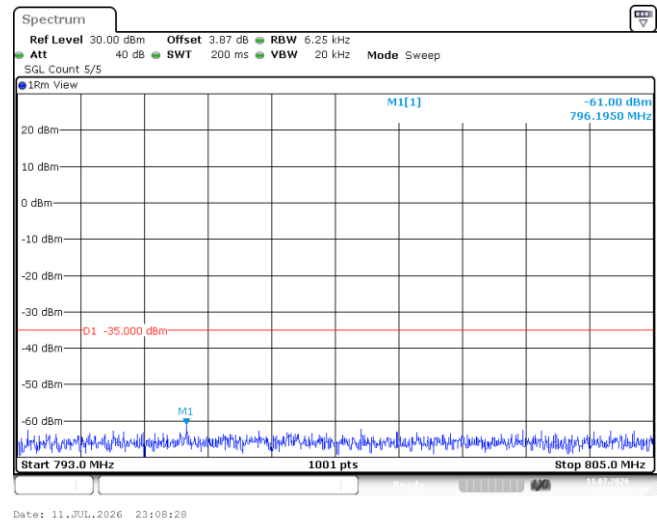
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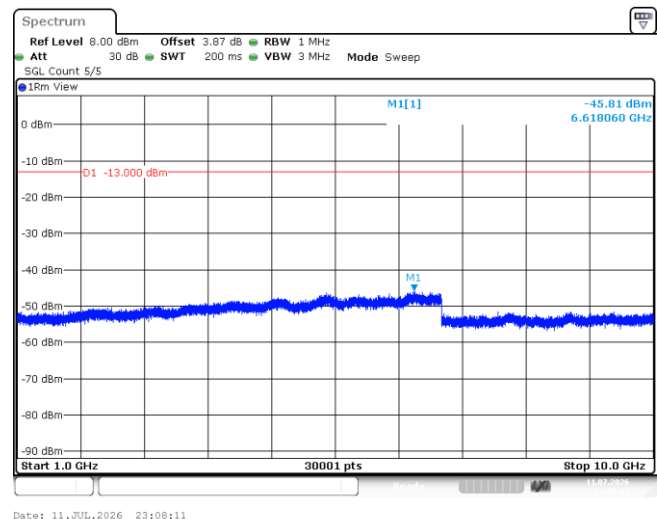
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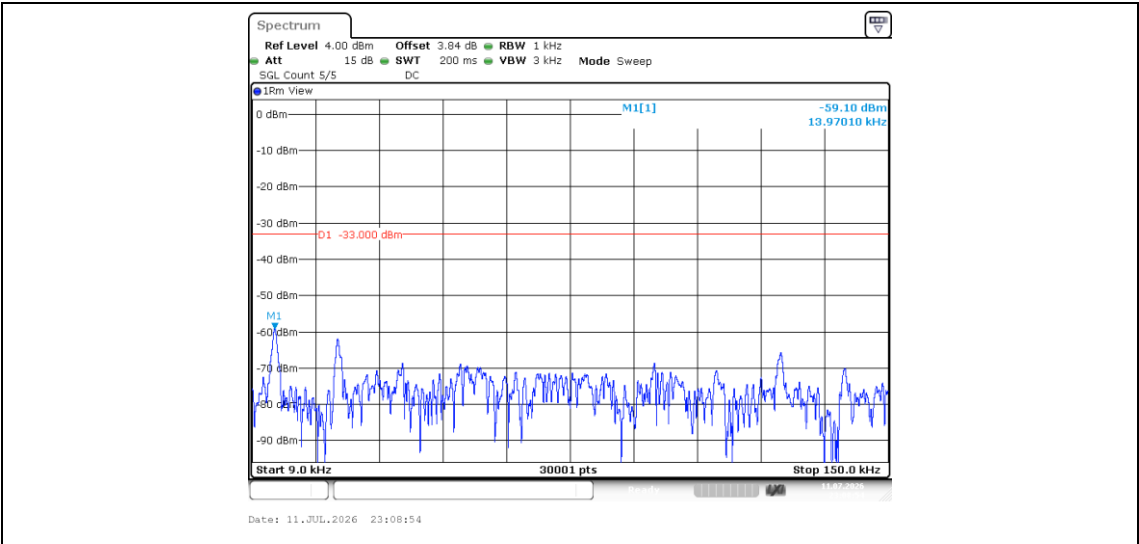
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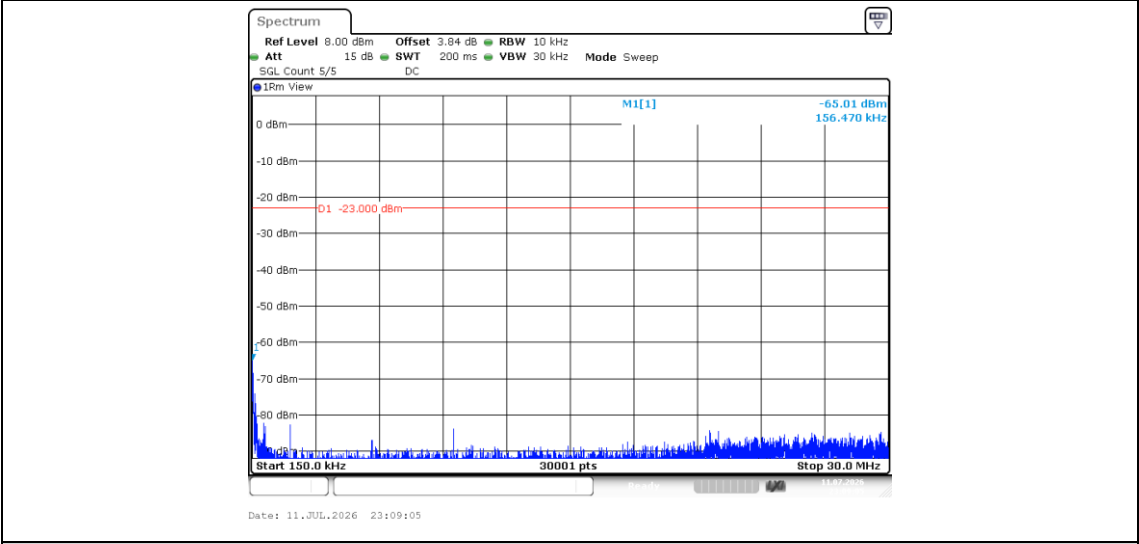
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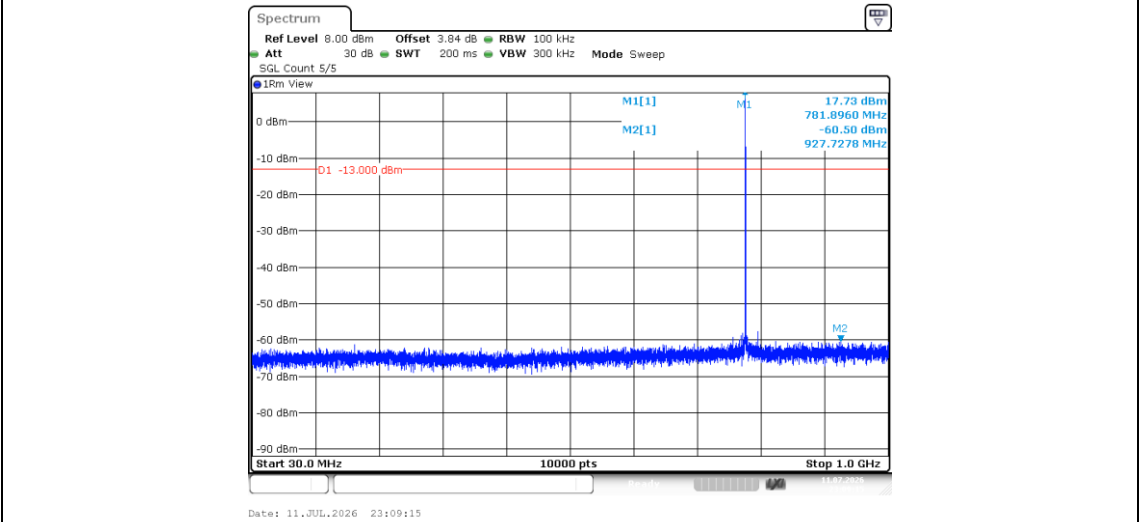
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PASS



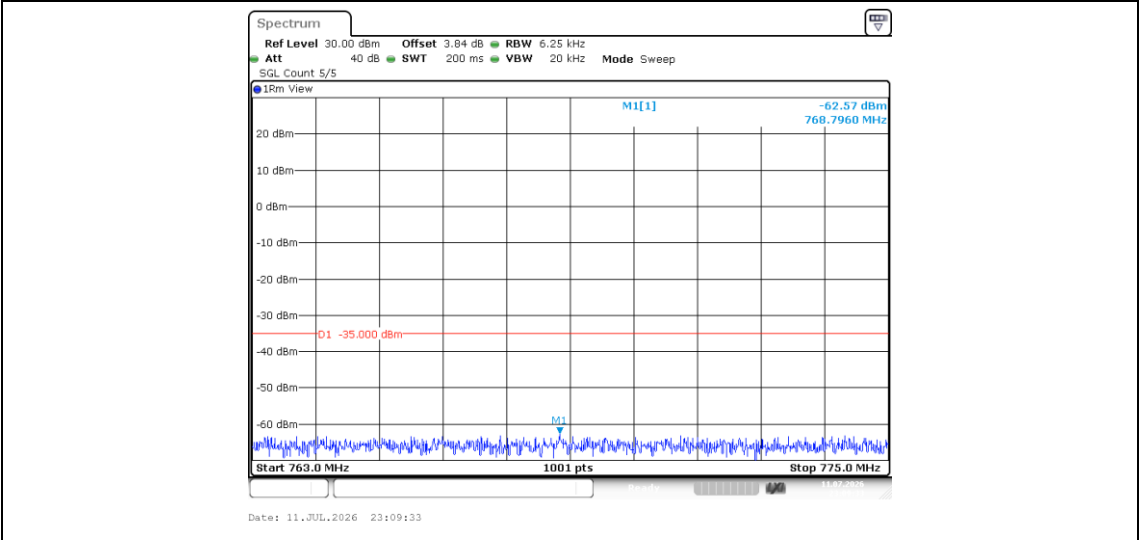
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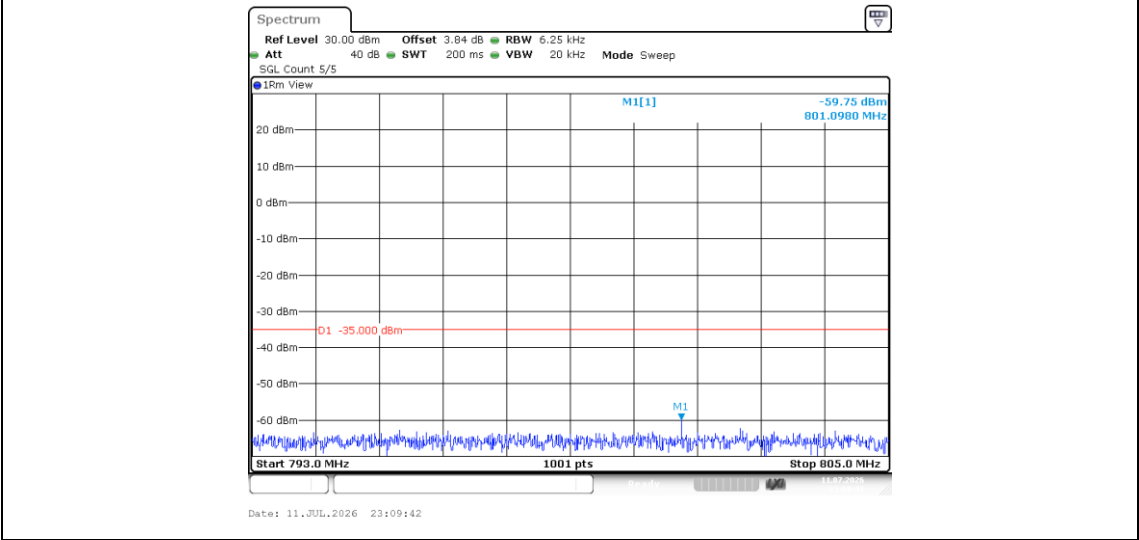
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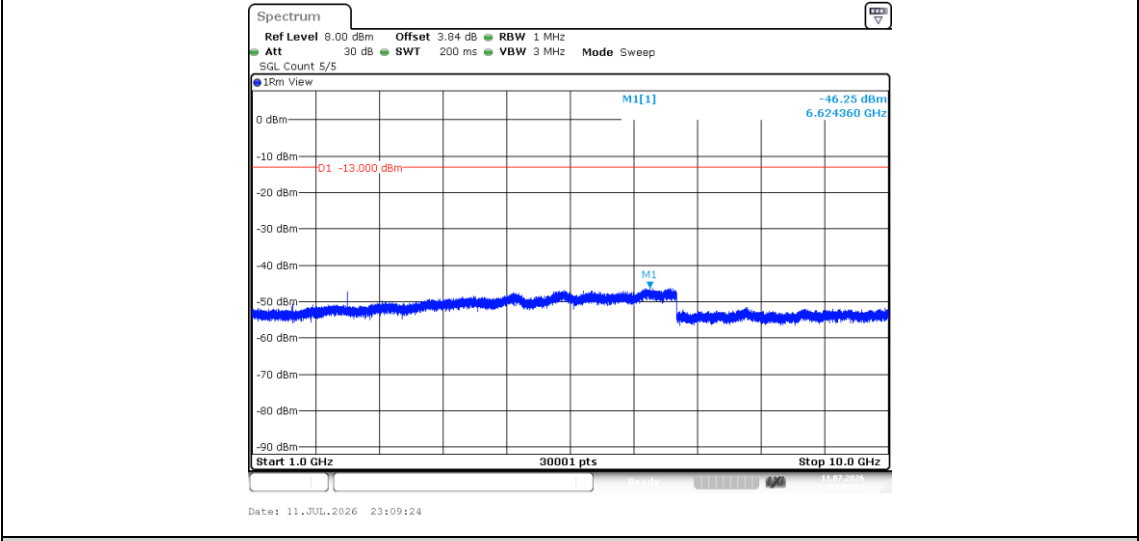
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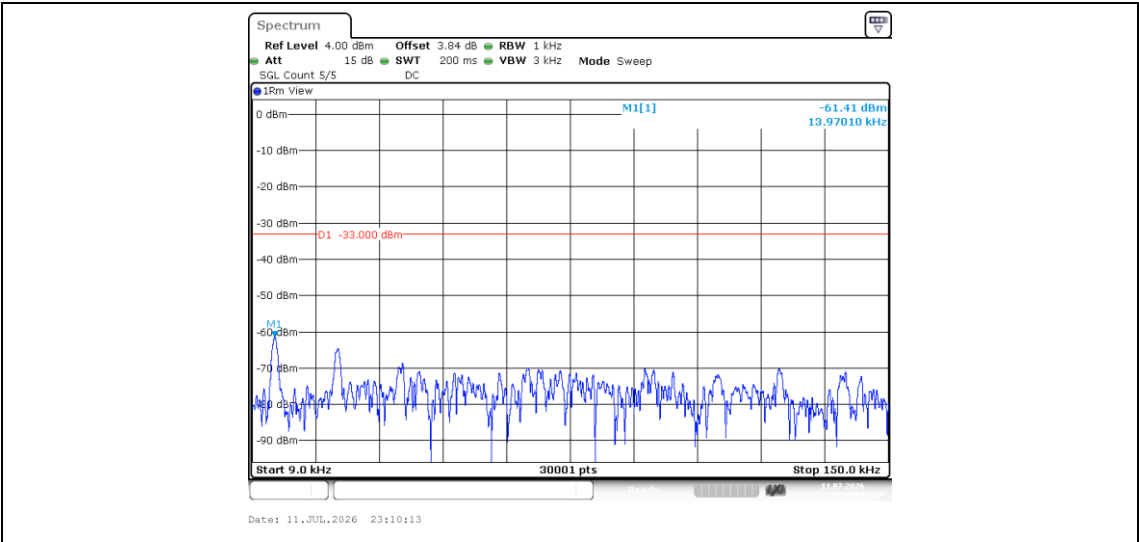
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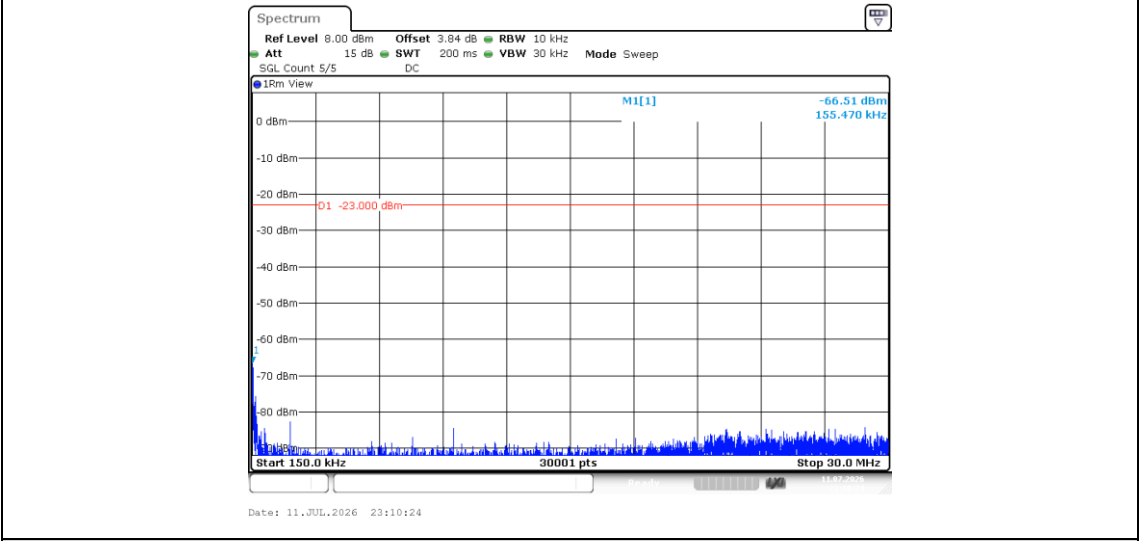
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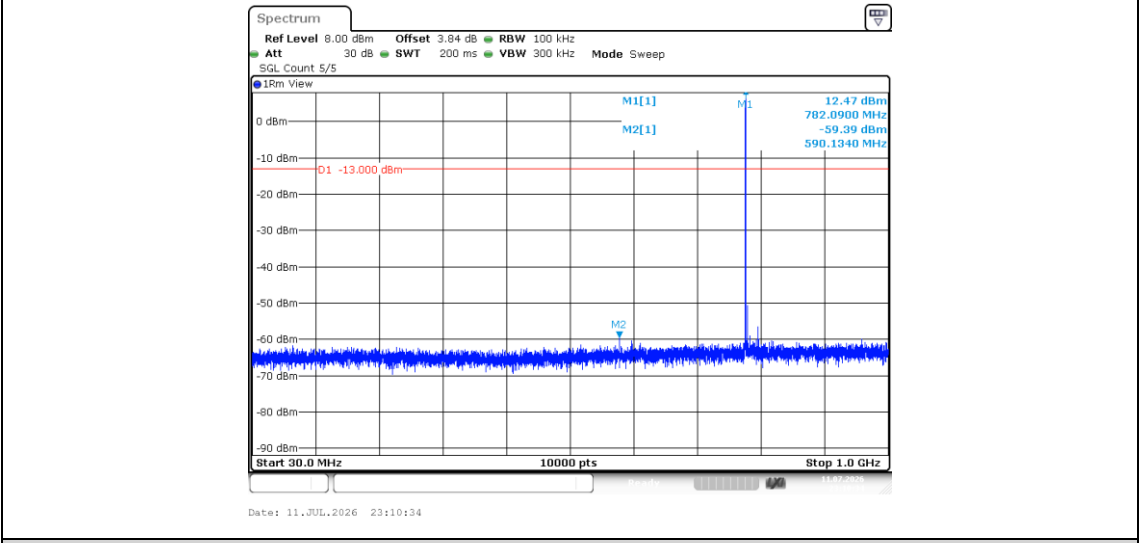
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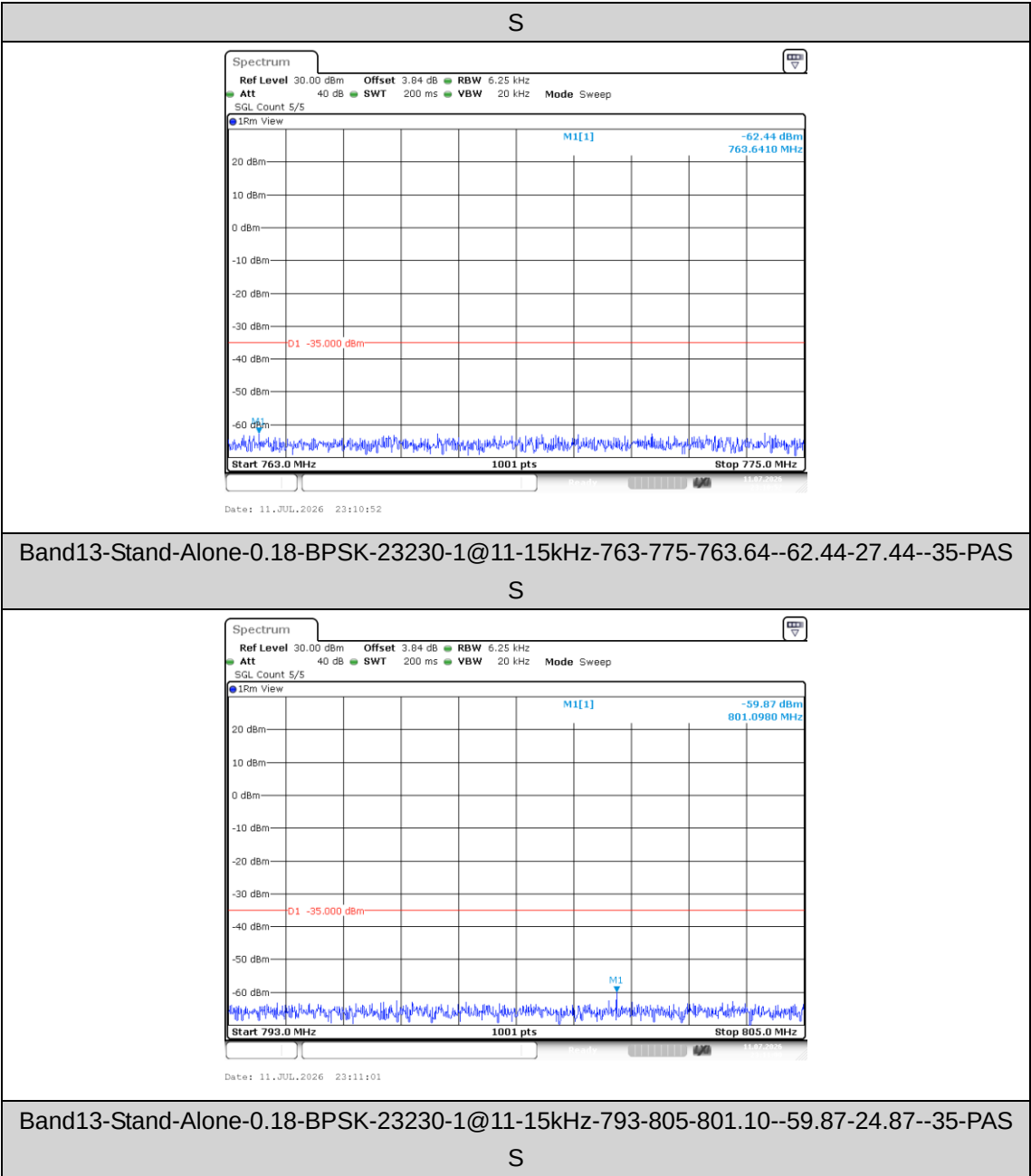
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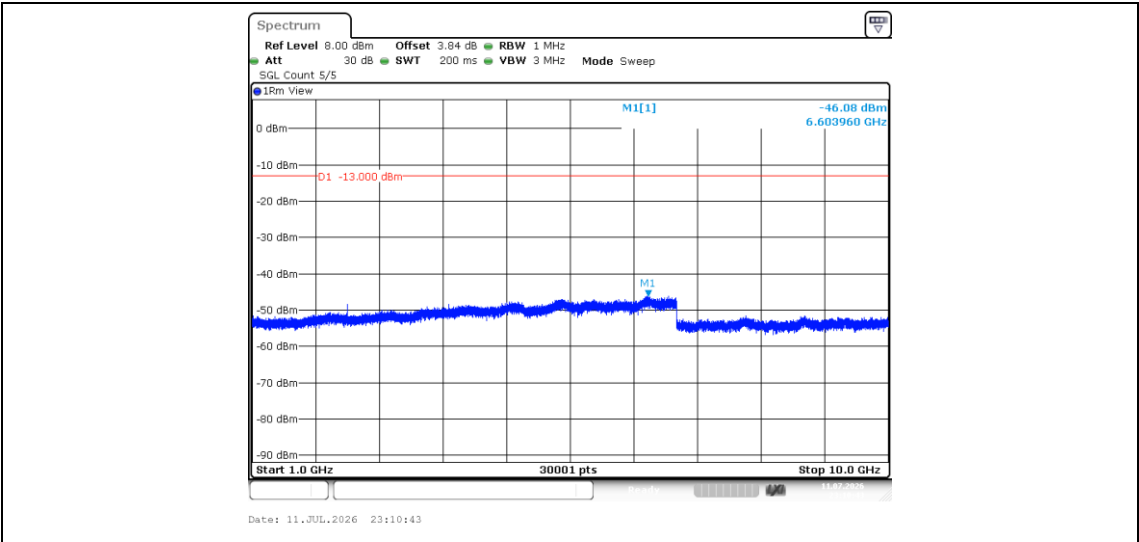


Band13-Stand-Alone-0.18-BPSK-23230-1@11-15kHz-0.15-30-0.16--66.51-43.51--23-PASS

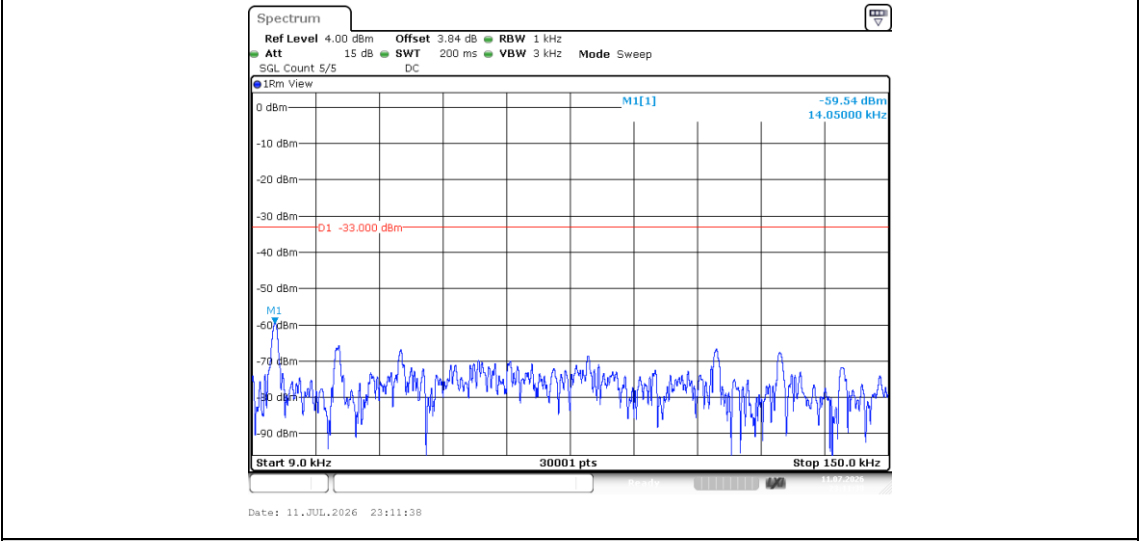


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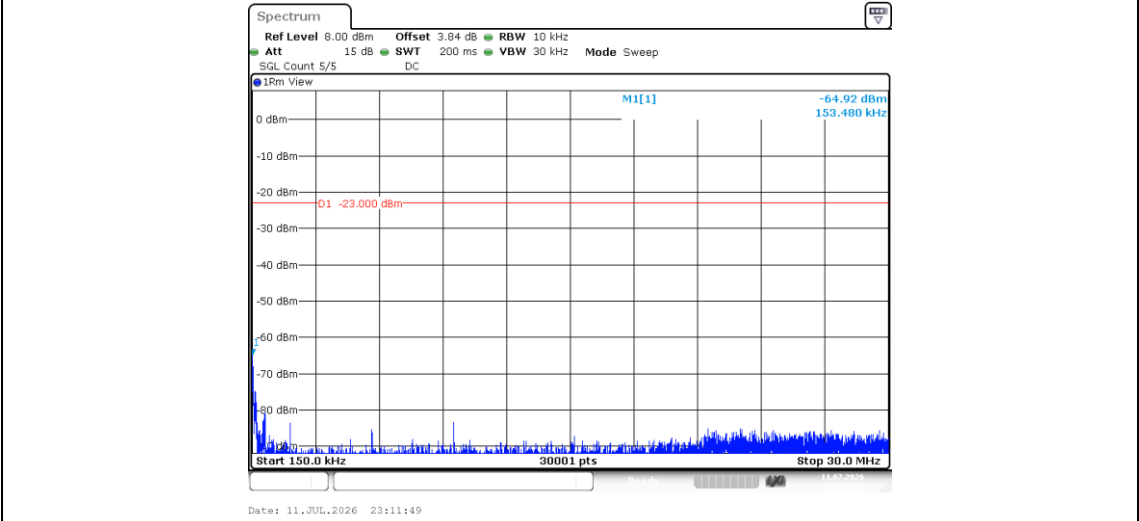




Band13-Stand-Alone-0.18-BPSK-23230-1@11-15kHz-1000-10000-6603.96--46.08-33.08--13-PASS



Band13-Stand-Alone-0.18-BPSK-23279-1@0-15kHz-0.009-0.15-0.01--59.54-26.54--33-PASS



Band13-Stand-Alone-0.18-BPSK-23279-1@0-15kHz-0.15-30-0.15--64.92-41.92--23-PASS