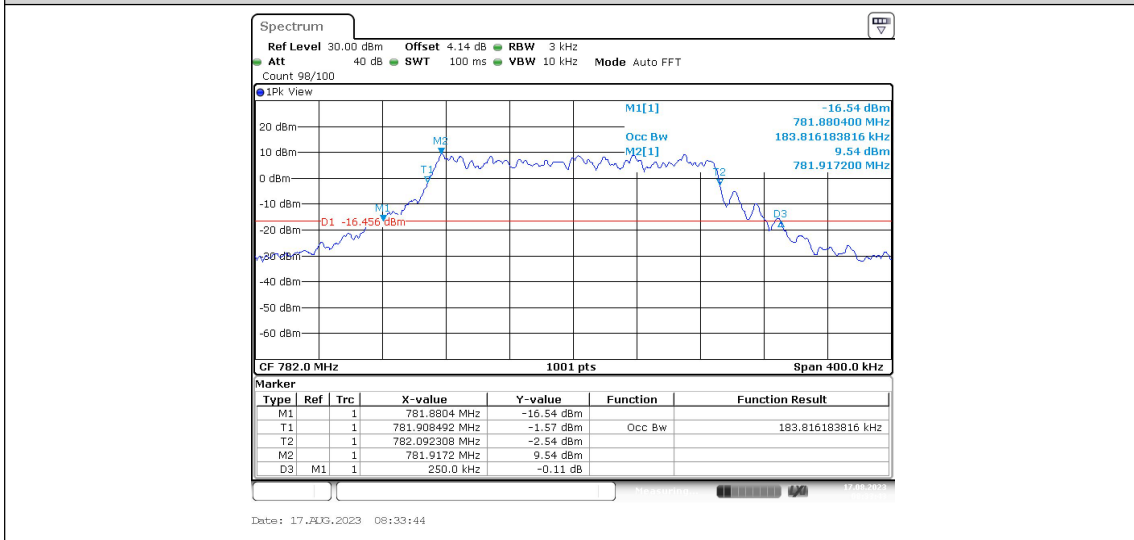
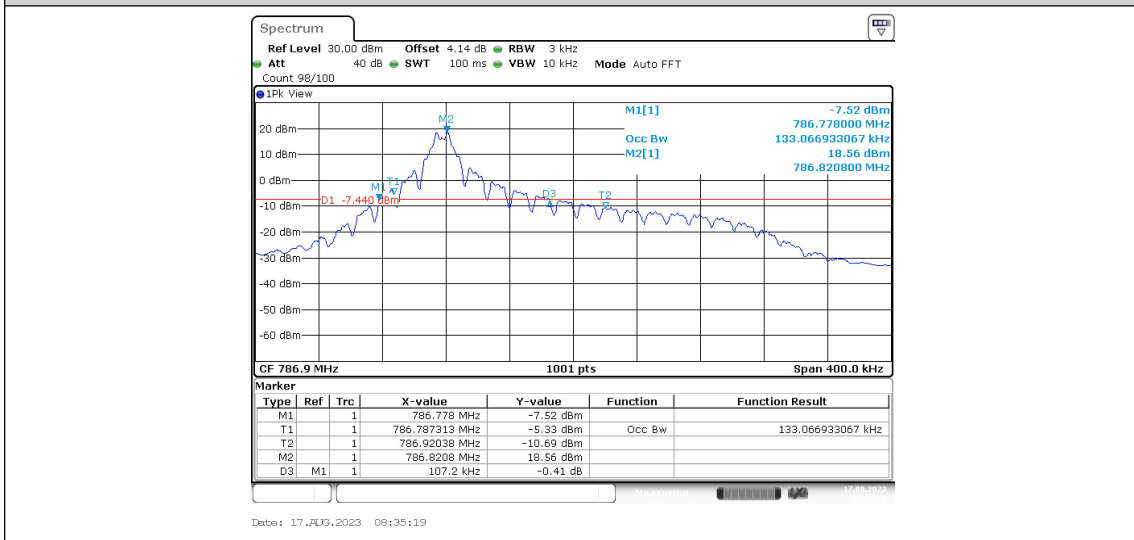


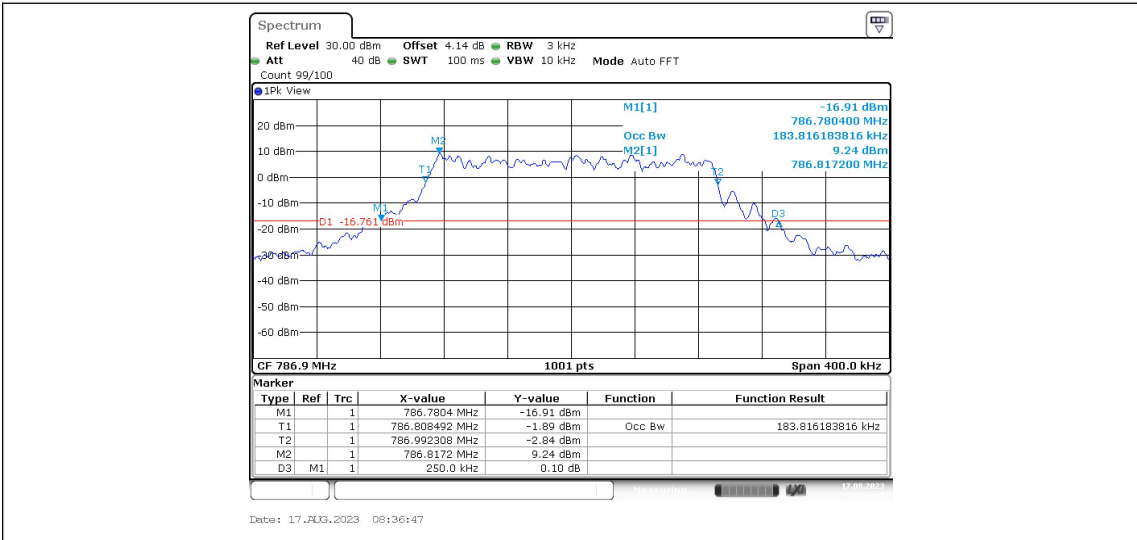
Band13-Stand-Alone-NaN-BPSK-23230-1@0-15kHz-0.107-0.132-PASS



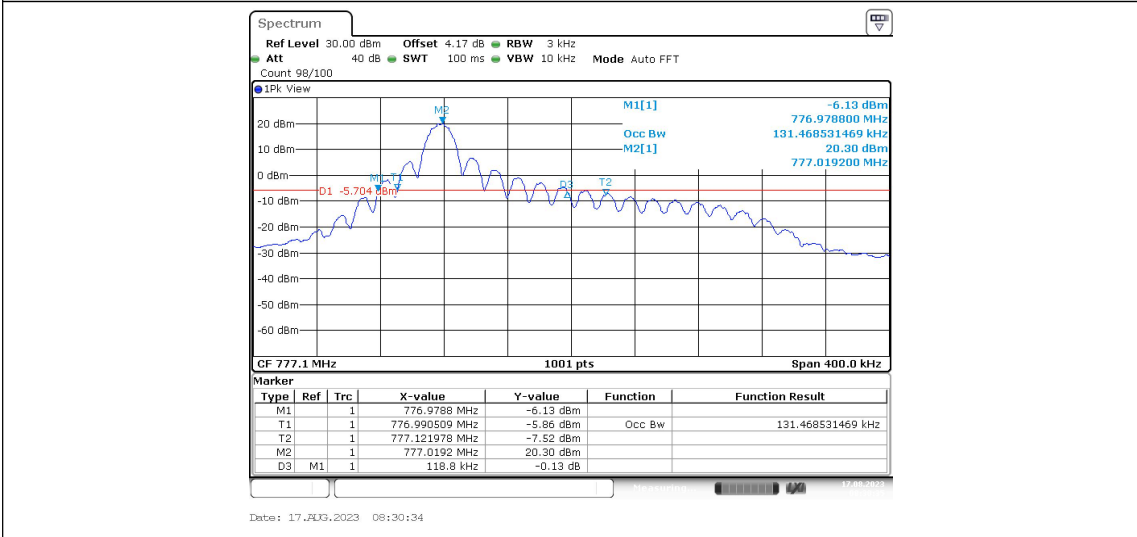
Band13-Stand-Alone-NaN-BPSK-23230-12@0-15kHz-0.250-0.184-PASS



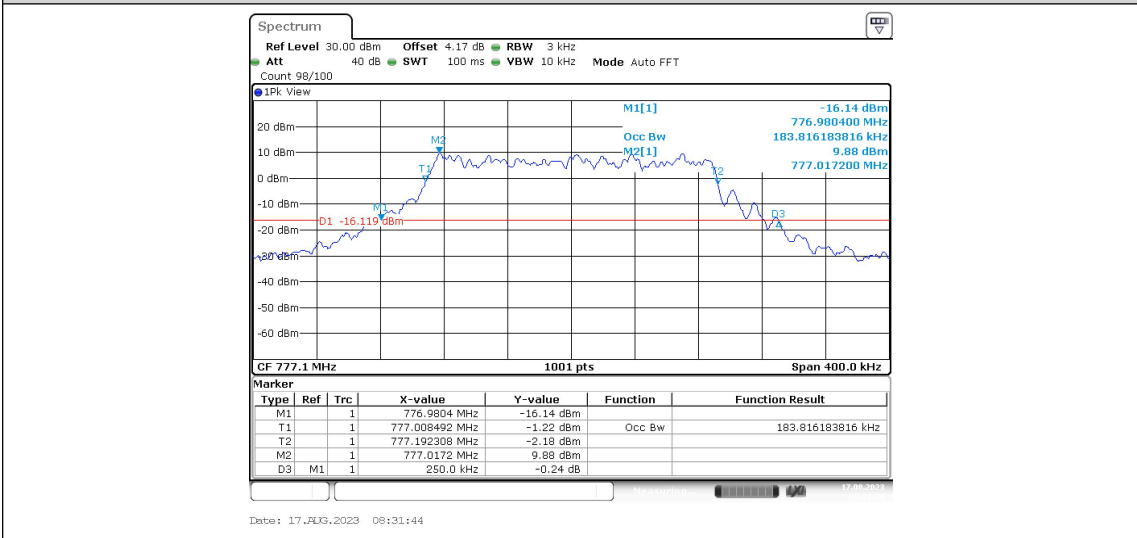
Band13-Stand-Alone-NaN-BPSK-23279-1@0-15kHz-0.107-0.133-PASS



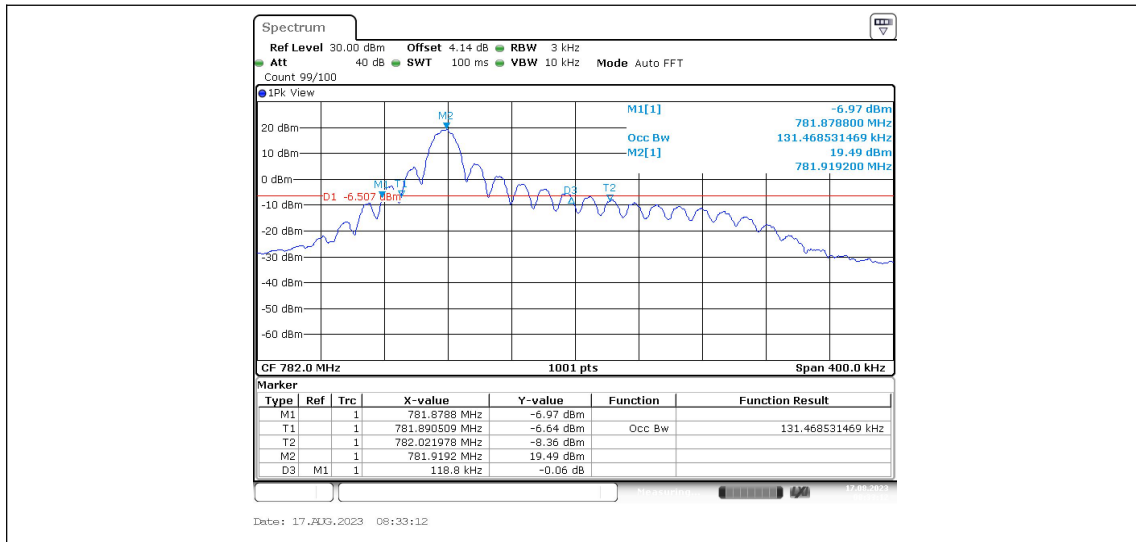
Band13-Stand-Alone-NaN-BPSK-23279-12@0-15kHz-0.250-0.184-PASS



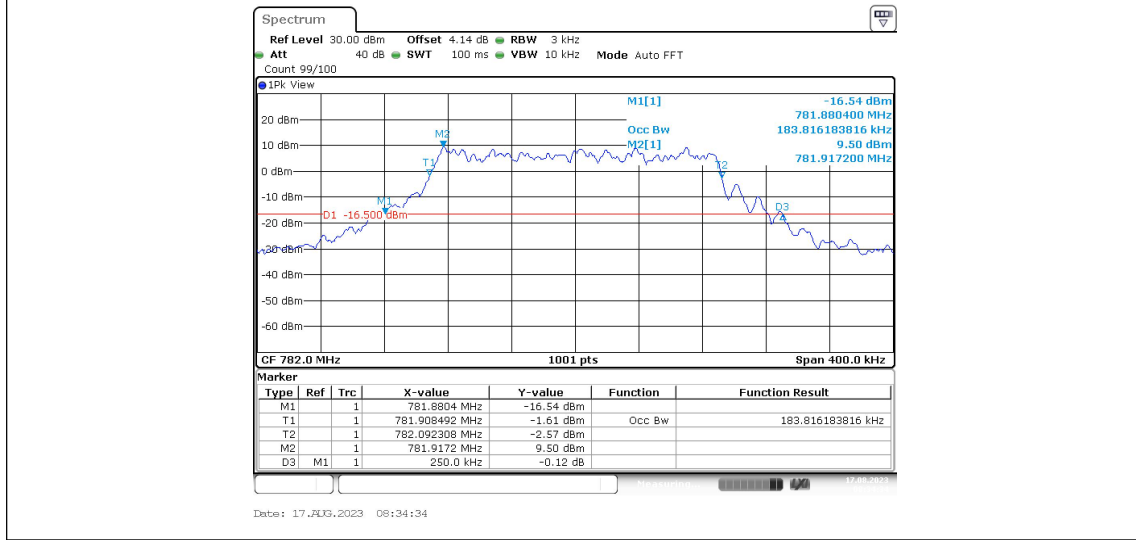
Band13-Stand-Alone-NaN-QPSK-23181-1@0-15kHz-0.119-0.131-PASS



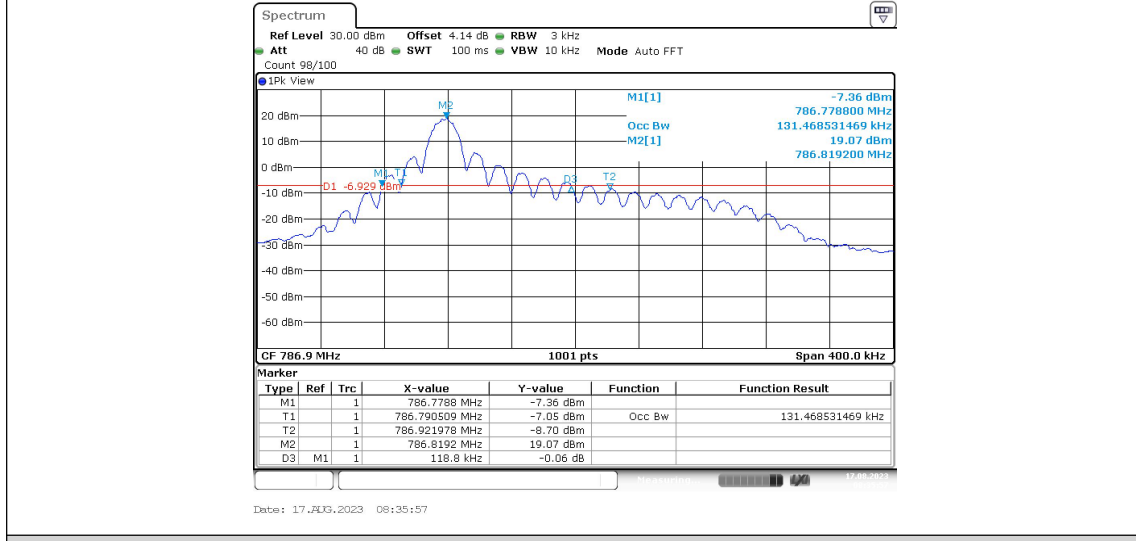
Band13-Stand-Alone-NaN-QPSK-23181-12@0-15kHz-0.250-0.184-PASS



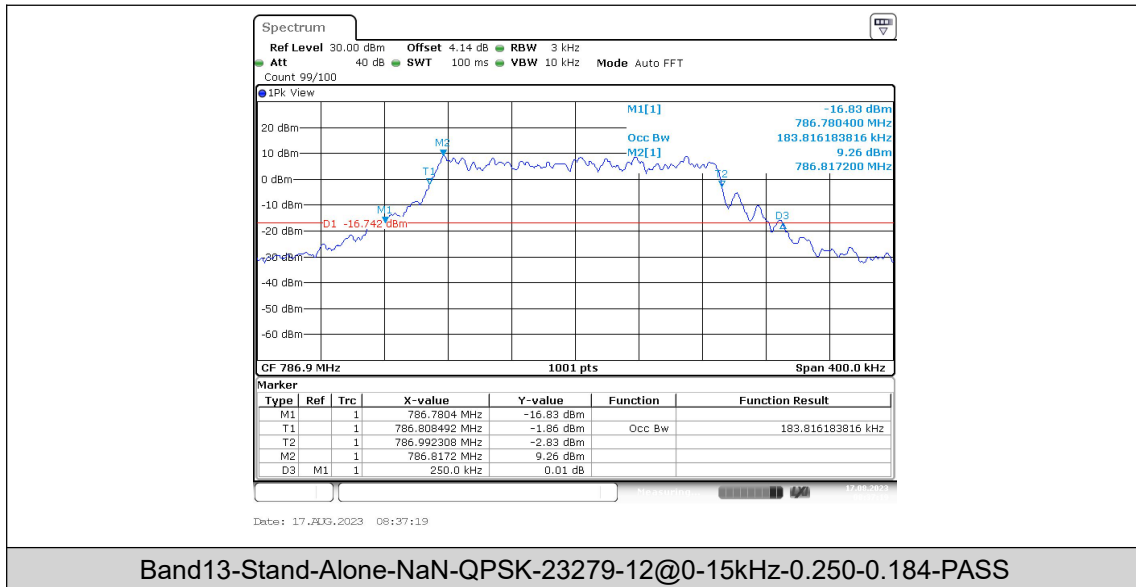
Band13-Stand-Alone-NaN-QPSK-23230-1@0-15kHz-0.119-0.131-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@0-15kHz-0.119-0.131-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@0-15kHz-0.119-0.131-PASS

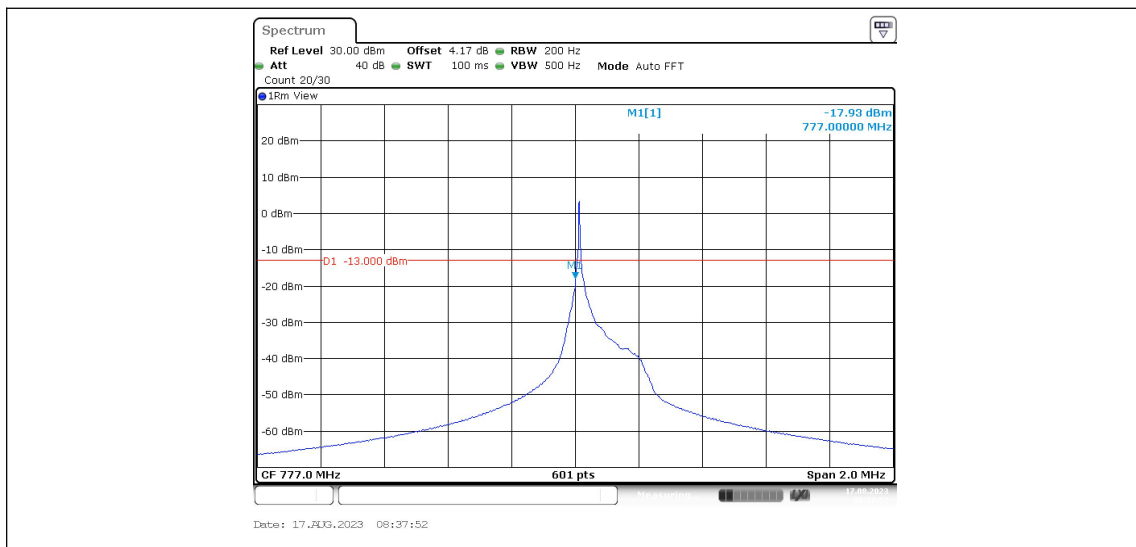


Appendix D: Band Edge for NB1

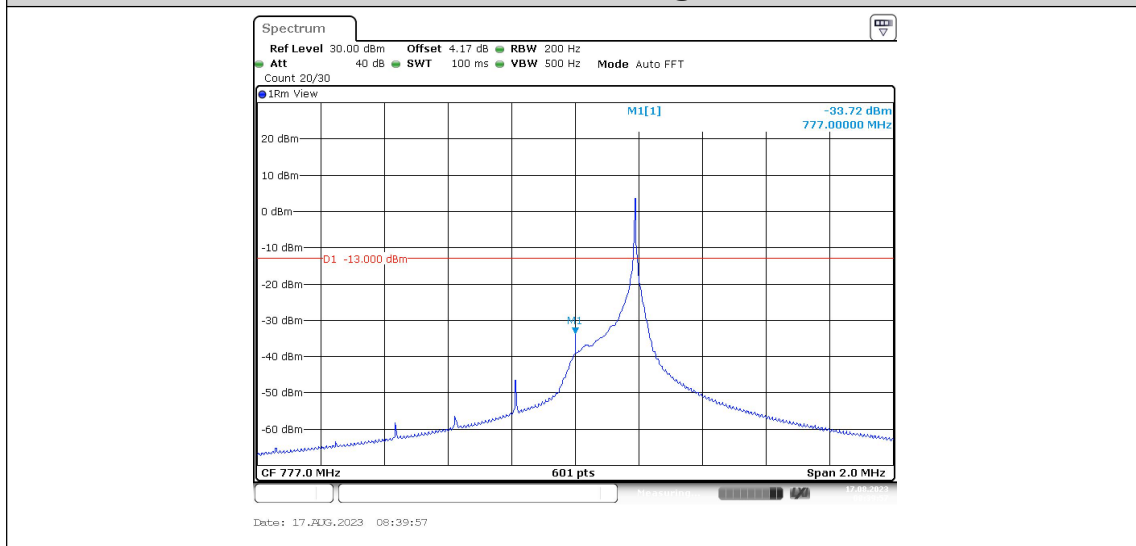
Test Result

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

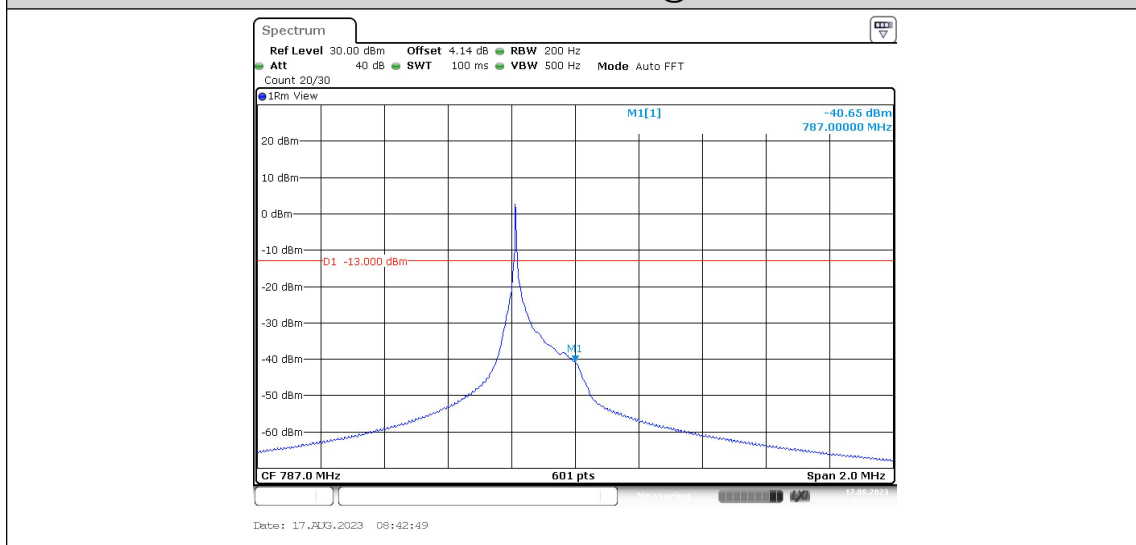
Test Graphs



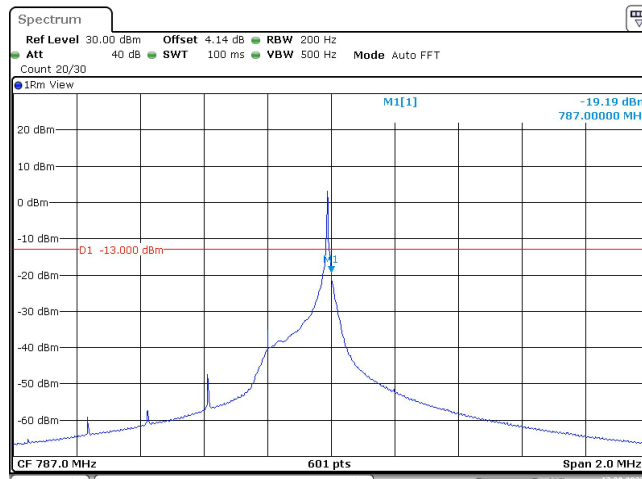
Band13-Stand-Alone-NaN-BPSK-23181-1@0-3.75kHz--17.93-PASS



Band13-Stand-Alone-NaN-BPSK-23181-1@47-3.75kHz--33.72-PASS

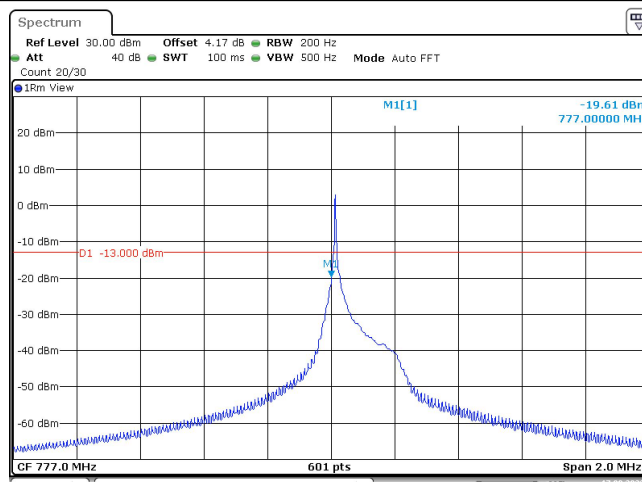


Band13-Stand-Alone-NaN-BPSK-23279-1@0-3.75kHz--40.65-PASS



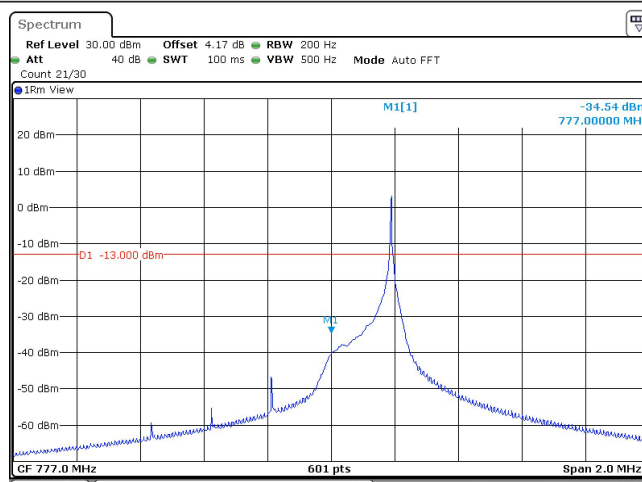
Date: 17_AUG_2023 08:44:45

Band13-Stand-Alone-NaN-BPSK-23279-1@47-3.75kHz--19.19-PASS



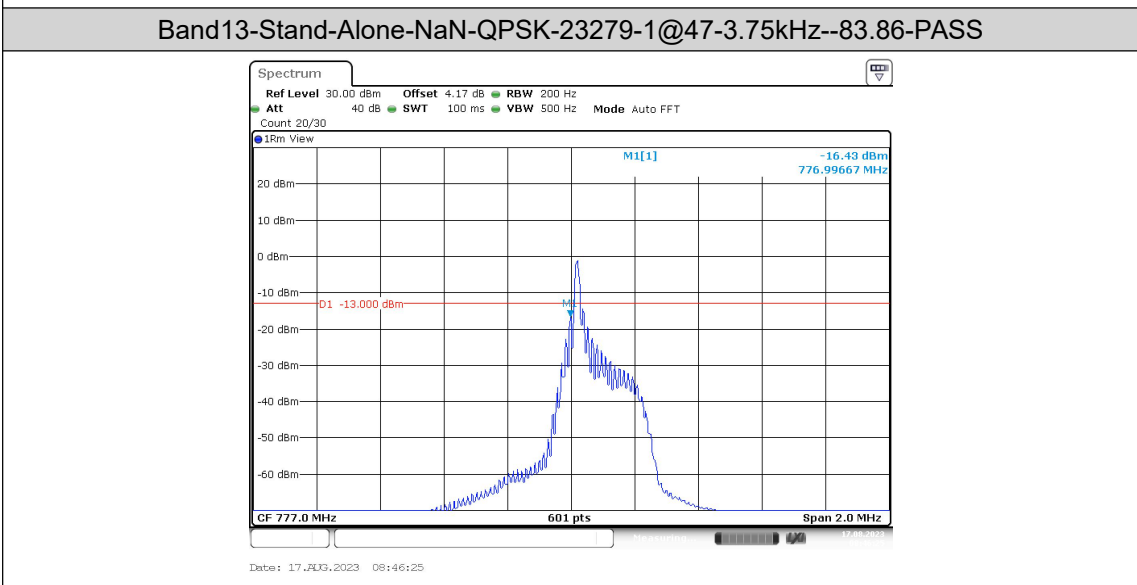
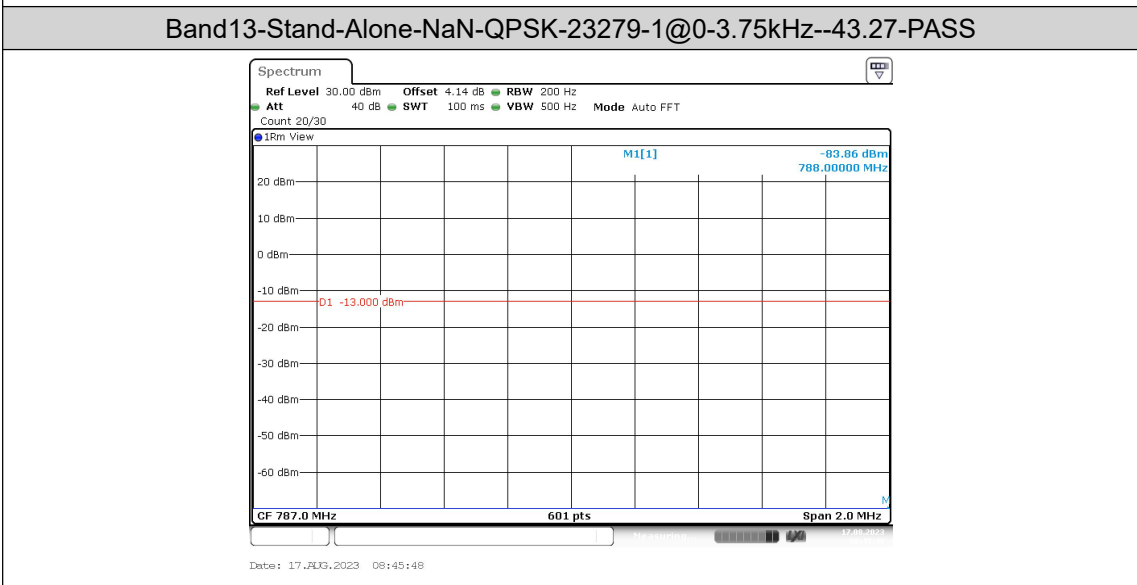
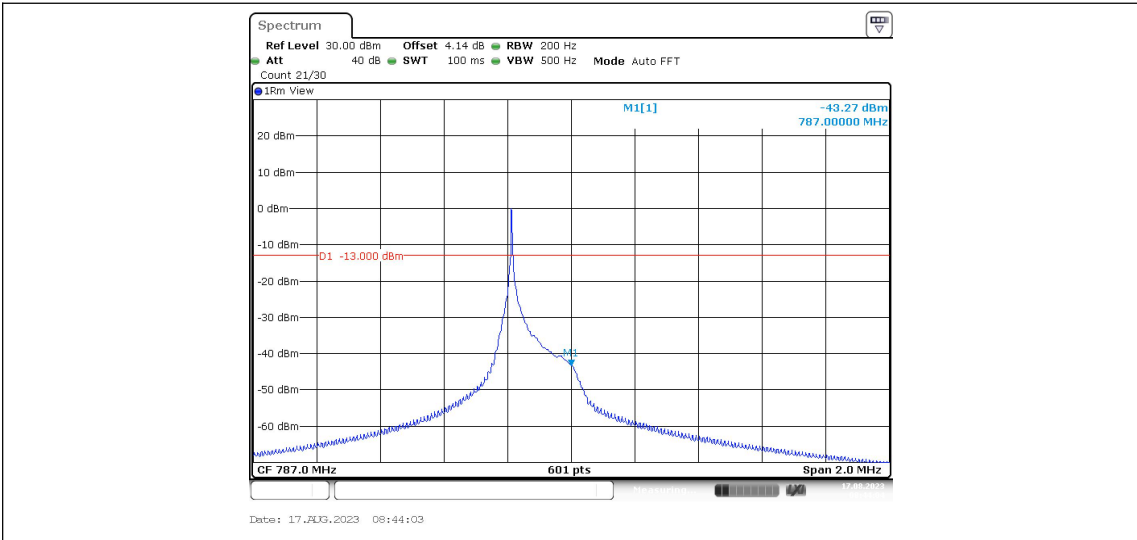
Date: 17_AUG_2023 08:39:19

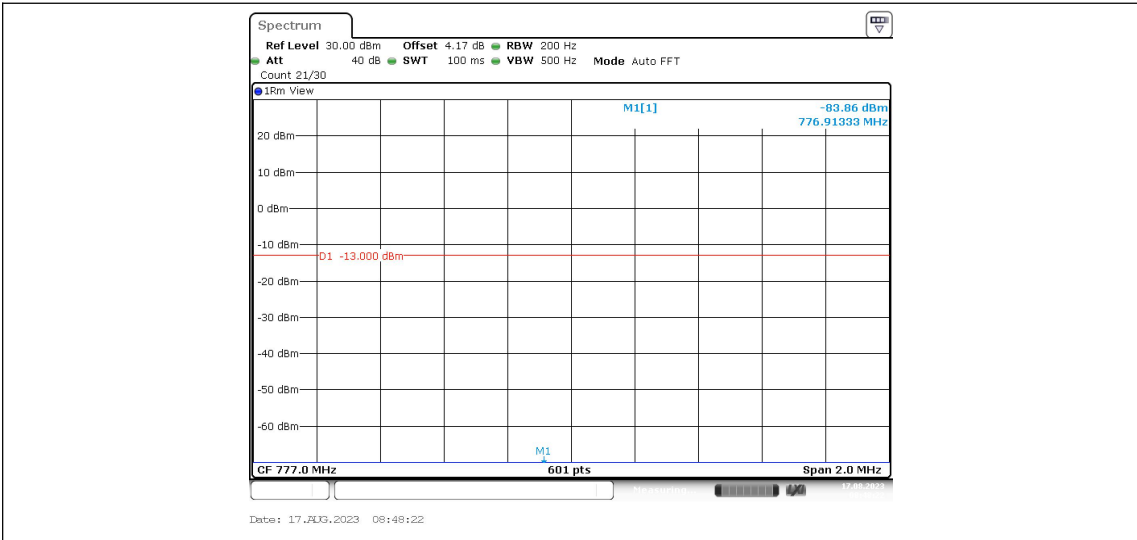
Band13-Stand-Alone-NaN-QPSK-23181-1@0-3.75kHz--19.61-PASS



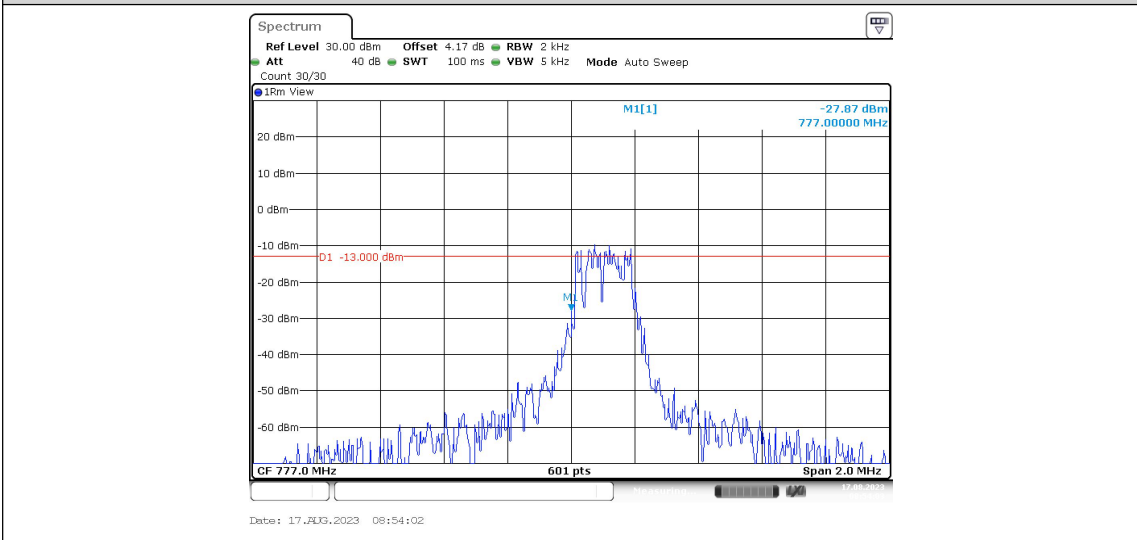
Date: 17_AUG_2023 08:42:13

Band13-Stand-Alone-NaN-QPSK-23181-1@47-3.75kHz--34.54-PASS

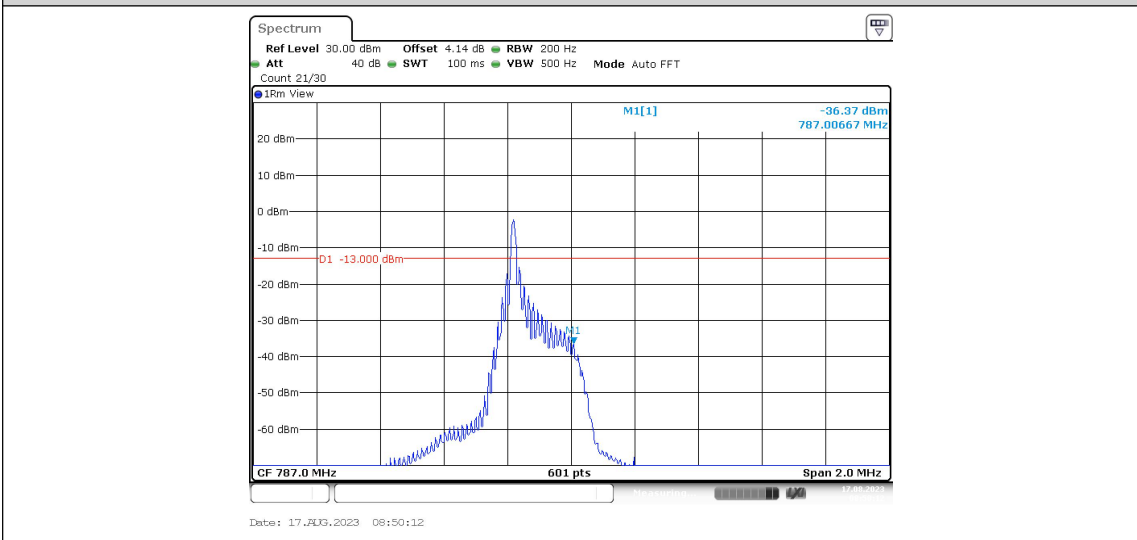




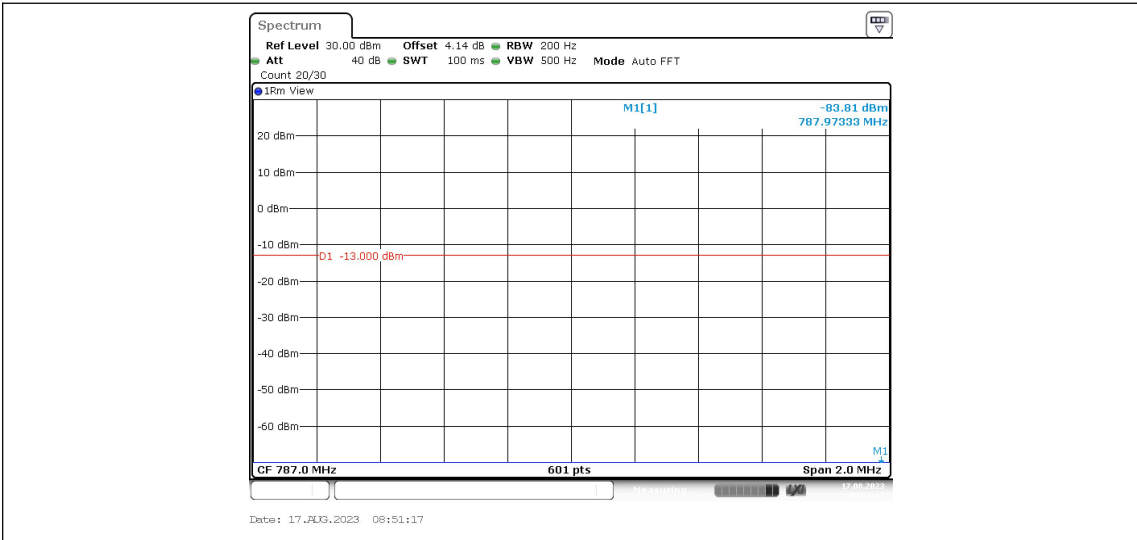
Band13-Stand-Alone-NaN-BPSK-23181-1@11-15kHz--83.86-PASS



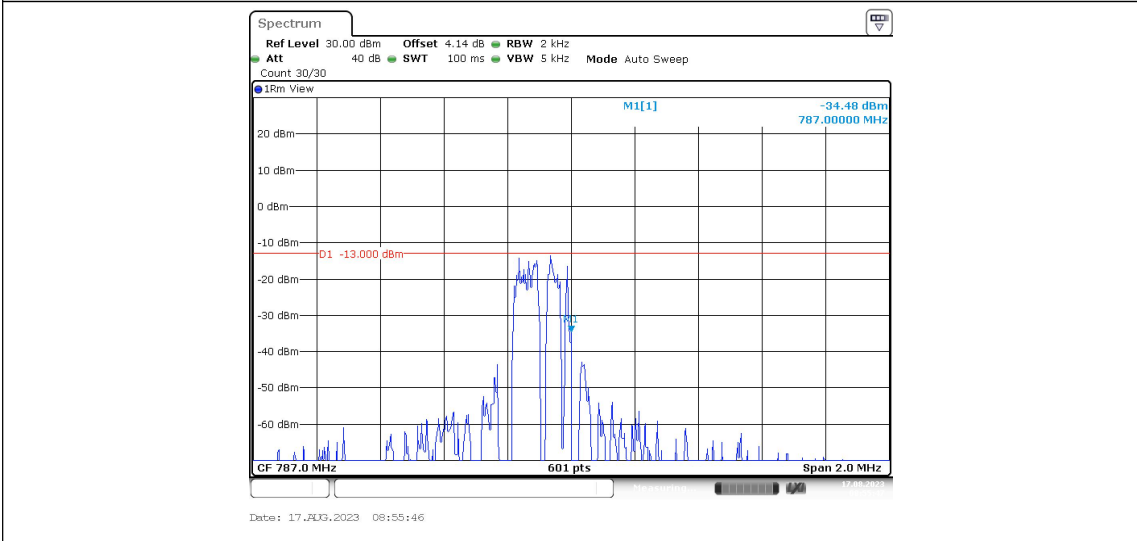
Band13-Stand-Alone-NaN-BPSK-23181-12@0-15kHz--27.87-PASS



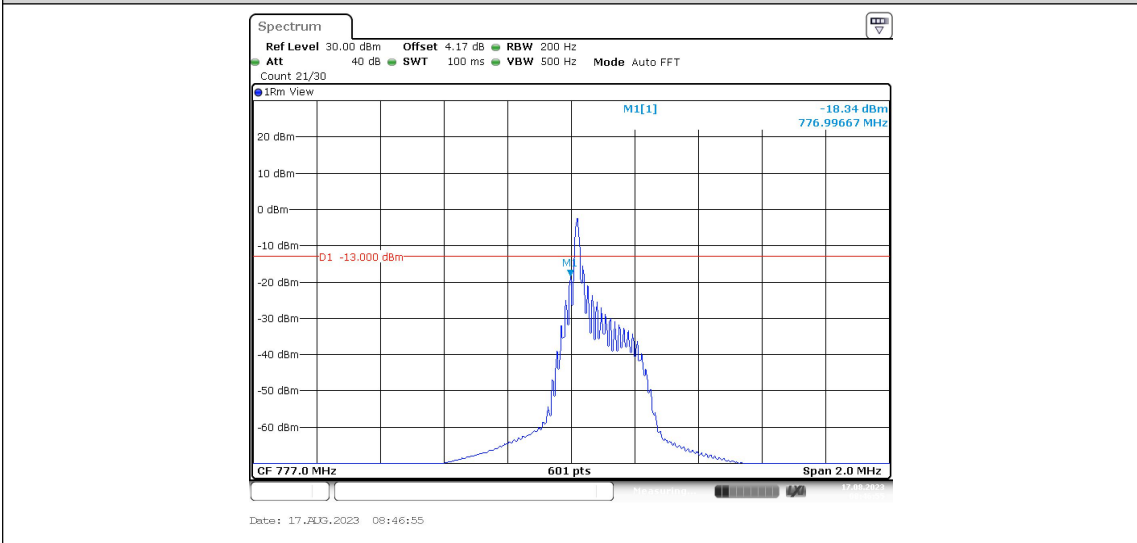
Band13-Stand-Alone-NaN-BPSK-23279-1@0-15kHz--36.37-PASS



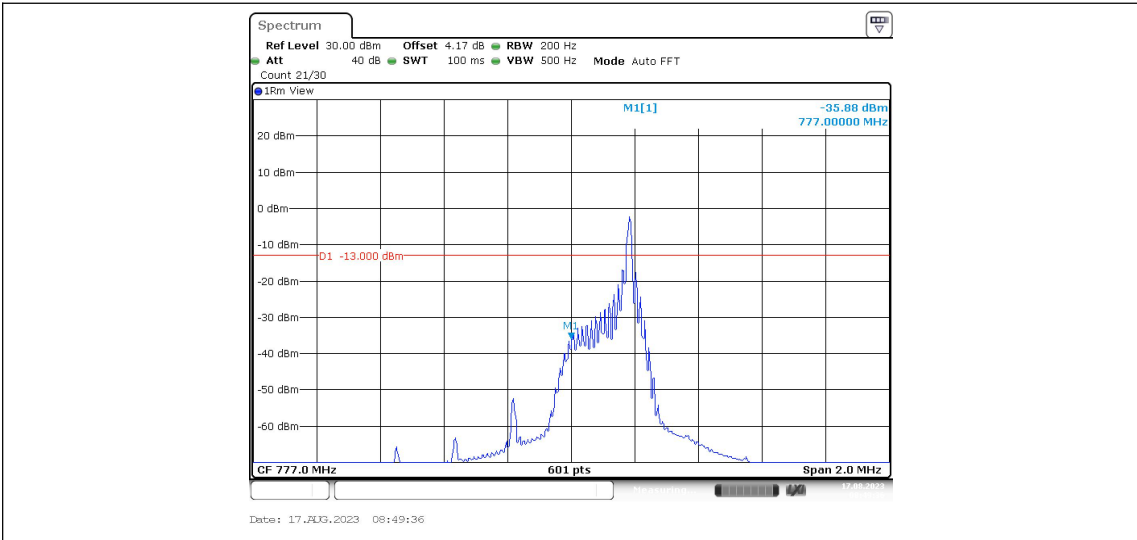
Band13-Stand-Alone-NaN-BPSK-23279-1@11-15kHz--83.81-PASS



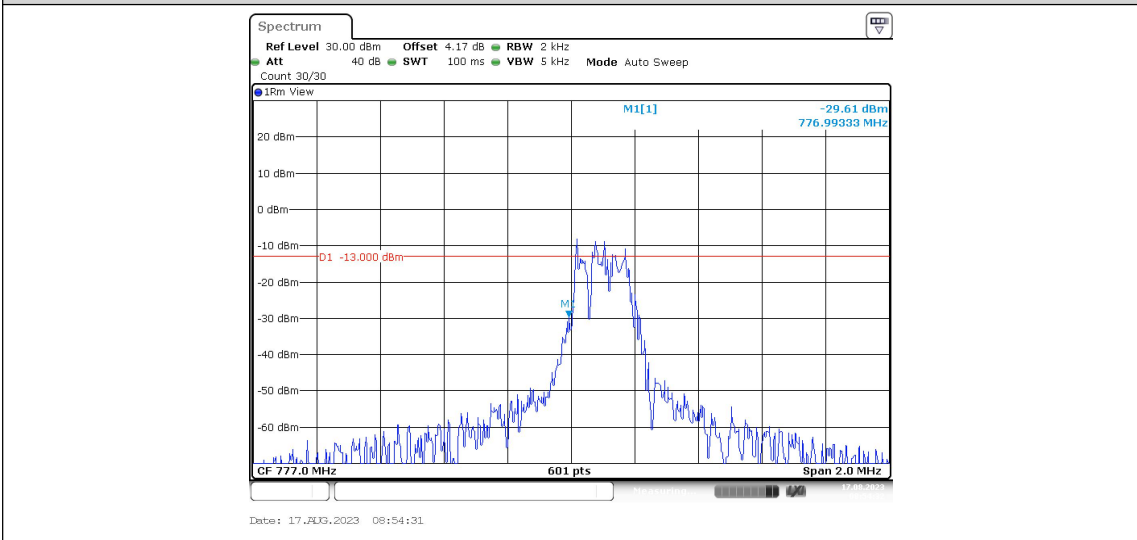
Band13-Stand-Alone-NaN-BPSK-23279-12@0-15kHz--34.48-PASS



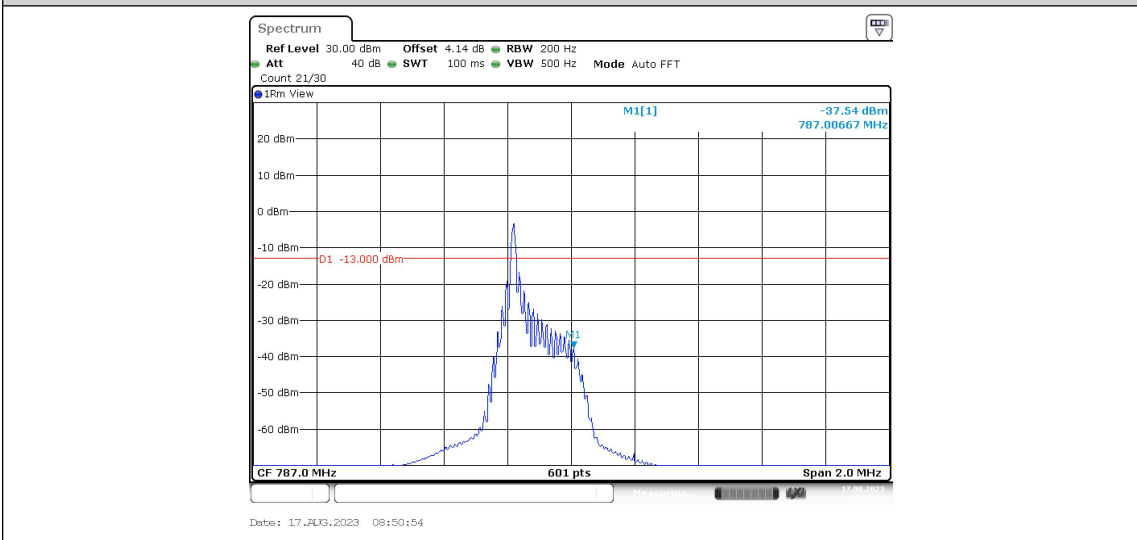
Band13-Stand-Alone-NaN-QPSK-23181-1@0-15kHz--18.34-PASS



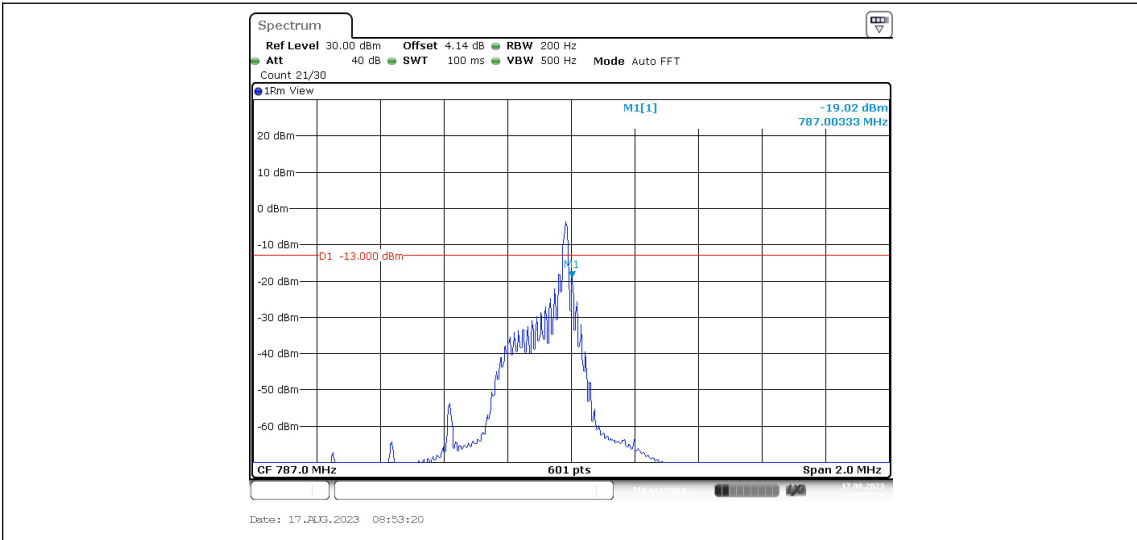
Band13-Stand-Alone-NaN-QPSK-23181-1@11-15kHz--35.88-PASS



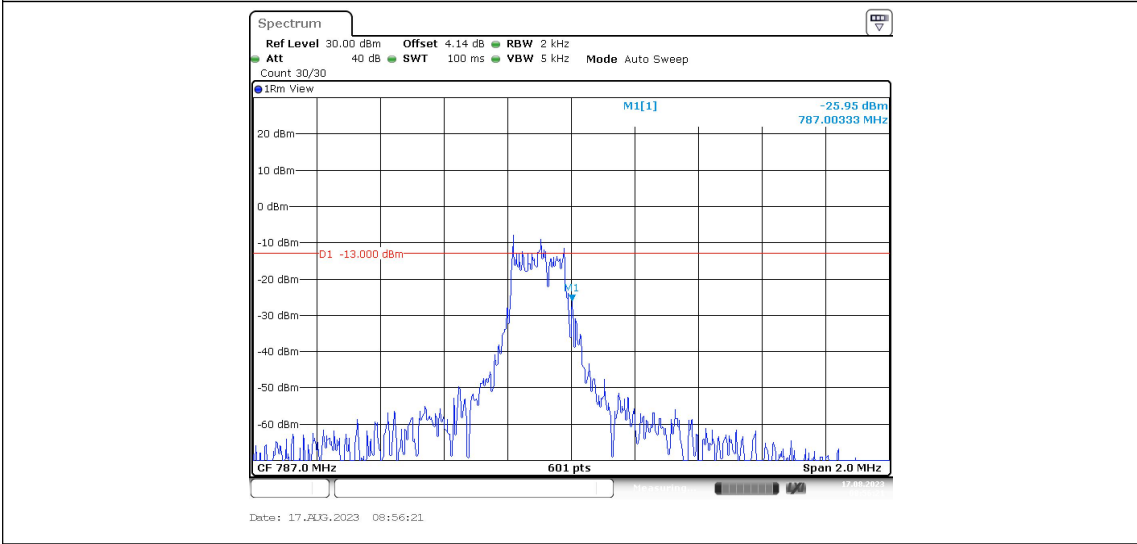
Band13-Stand-Alone-NaN-QPSK-23181-12@0-15kHz--29.61-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@0-15kHz--37.54-PASS



Band13-Stand-Alone-NaN-QPSK-23279-1@11-15kHz--19.02-PASS



Band13-Stand-Alone-NaN-QPSK-23279-12@0-15kHz--25.95-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	NaN	QPSK	23181	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	763	775	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@0	1559	1610	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	763	775	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23181	1@47	1559	1610	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	763	775	PASS

	e								
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@0	1559	1610	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	763	775	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23230	1@47	1559	1610	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	763	775	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@0	1559	1610	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	0.009	0.15	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	0.15	30	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	30	1000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	763	775	PASS

	e								
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	793	805	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	1000	10000	PASS
Band13	Stand-Alone	3.75kHz	NaN	QPSK	23279	1@47	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	763	775	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@0	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	763	775	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	793	805	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	1000	10000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23181	1@11	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	763	775	PASS

	e								
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@0	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	763	775	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	793	805	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	1000	10000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23230	1@11	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	763	775	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	793	805	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	1000	10000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@0	1559	1610	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@11	0.009	0.15	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@11	0.15	30	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@11	30	1000	PASS
Band13	Stand-Alone	15kHz	NaN	BPSK	23279	1@11	763	775	PASS