

Appendix for Band 2

Product Name: Smart Solar Light Controller
Model No: SCC-120-NBG

Appendix A: Average Power Output Data for NB1

Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Verdict
Band2	Stand-Along	3.75kHz	NaN	BPSK	18601	1@0	18.57	PASS
Band2	Stand-Along	3.75kHz	NaN	BPSK	18601	1@47	18.45	PASS
Band2	Stand-Along	3.75kHz	NaN	BPSK	18876	1@0	18.92	PASS
Band2	Stand-Along	3.75kHz	NaN	BPSK	18876	1@47	18.72	PASS
Band2	Stand-Along	3.75kHz	NaN	BPSK	19199	1@0	19.28	PASS
Band2	Stand-Along	3.75kHz	NaN	BPSK	19199	1@47	19.19	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	18601	1@0	18.63	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	18601	1@47	18.48	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	18876	1@0	18.95	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	18876	1@47	18.83	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	19199	1@0	19.30	PASS
Band2	Stand-Along	3.75kHz	NaN	QPSK	19199	1@47	19.13	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	18601	1@0	18.63	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	18601	1@11	18.61	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	18876	1@0	18.97	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	18876	1@11	18.73	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	19199	1@0	19.33	PASS
Band2	Stand-Along	15kHz	NaN	BPSK	19199	1@11	19.10	PASS

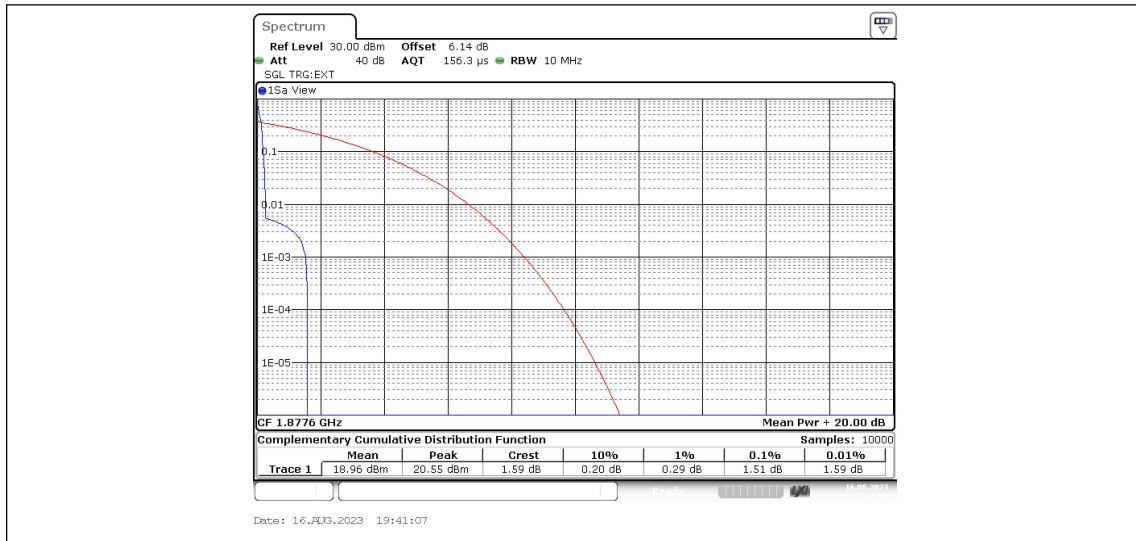
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Band2	Stand-Along	15kHz	NaN	QPSK	18601	1@0	18.74	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	18601	1@11	18.75	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	18601	3@3	18.77	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	18876	1@0	19.04	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	18876	1@11	19.10	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	18876	3@3	19.01	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	19199	1@0	19.41	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	19199	1@11	19.30	PASS
Band2	Stand-Along	15kHz	NaN	QPSK	19199	3@3	19.37	PASS

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

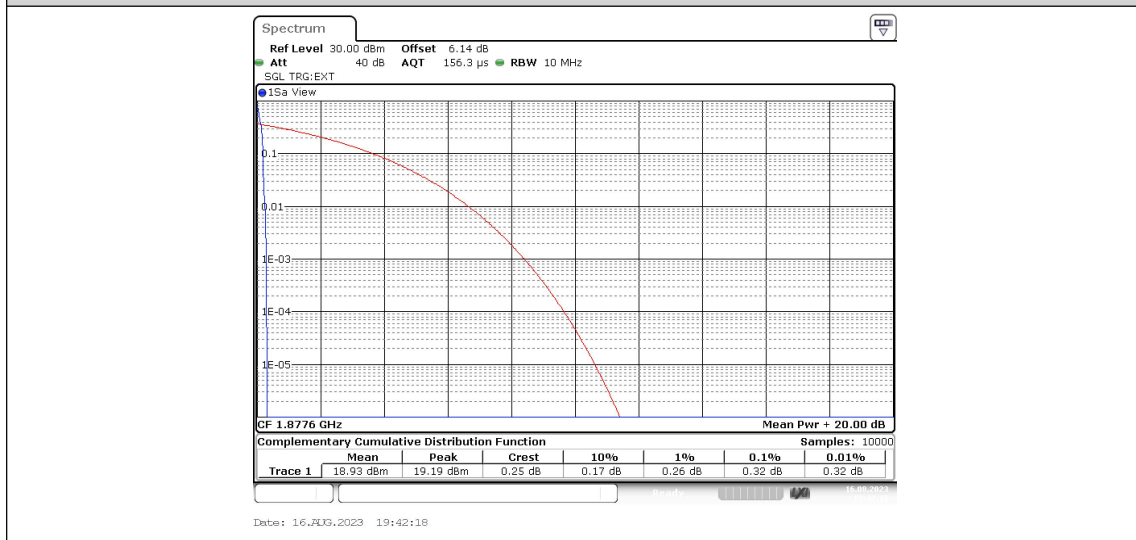
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Result (dBm)	Limit (dBm)	Verdict
Band2	Stand-Alone	3.75kHz	NaN	BPSK	18876	1@0	1.51	<=13	PASS
Band2	Stand-Alone	3.75kHz	NaN	BPSK	18876	1@47	0.32	<=13	PASS
Band2	Stand-Alone	3.75kHz	NaN	QPSK	18876	1@0	0.26	<=13	PASS
Band2	Stand-Alone	3.75kHz	NaN	QPSK	18876	1@47	0.32	<=13	PASS
Band2	Stand-Alone	15kHz	NaN	BPSK	18876	1@0	1.33	<=13	PASS
Band2	Stand-Alone	15kHz	NaN	BPSK	18876	1@11	0.55	<=13	PASS
Band2	Stand-Alone	15kHz	NaN	QPSK	18876	1@0	1.3	<=13	PASS
Band2	Stand-Alone	15kHz	NaN	QPSK	18876	1@11	0.46	<=13	PASS
Band2	Stand-Alone	15kHz	NaN	QPSK	18876	3@3	3.16	<=13	PASS

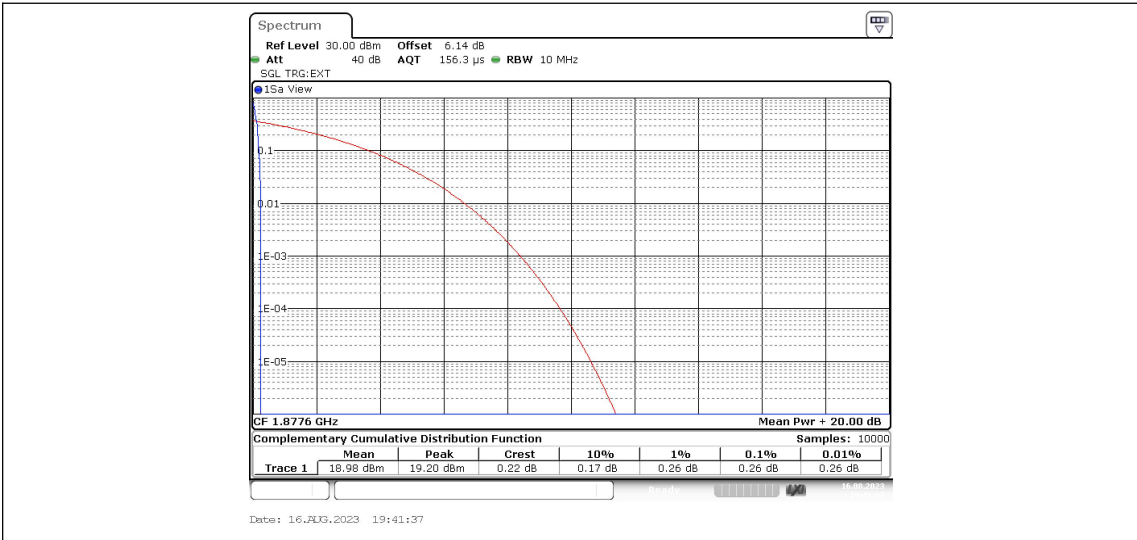
Test Graphs



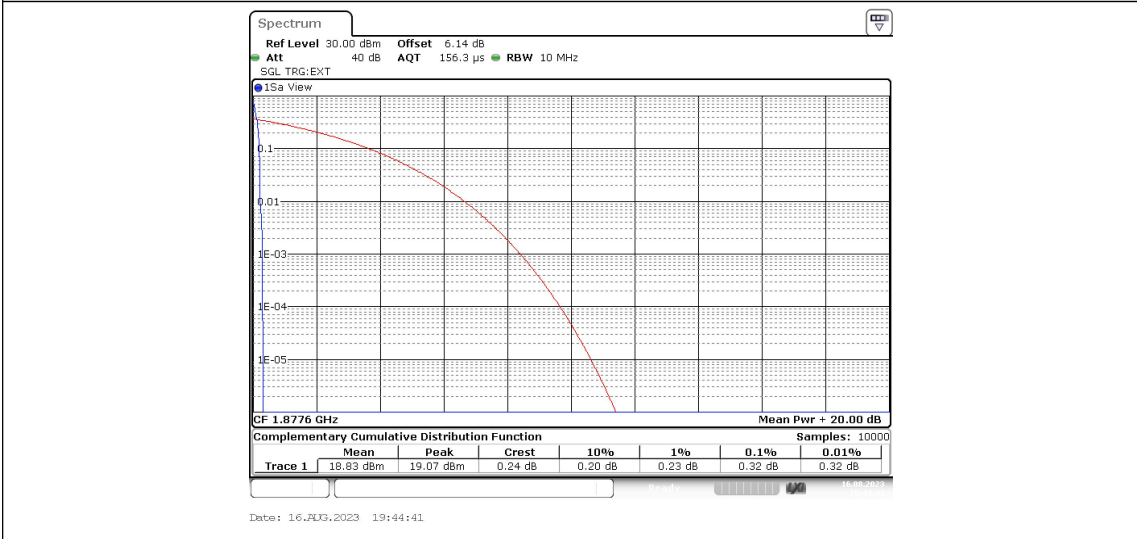
Band2-Stand-Alone-NaN-BPSK-18876-1@0-3.75kHz-1.51-<=13-PASS



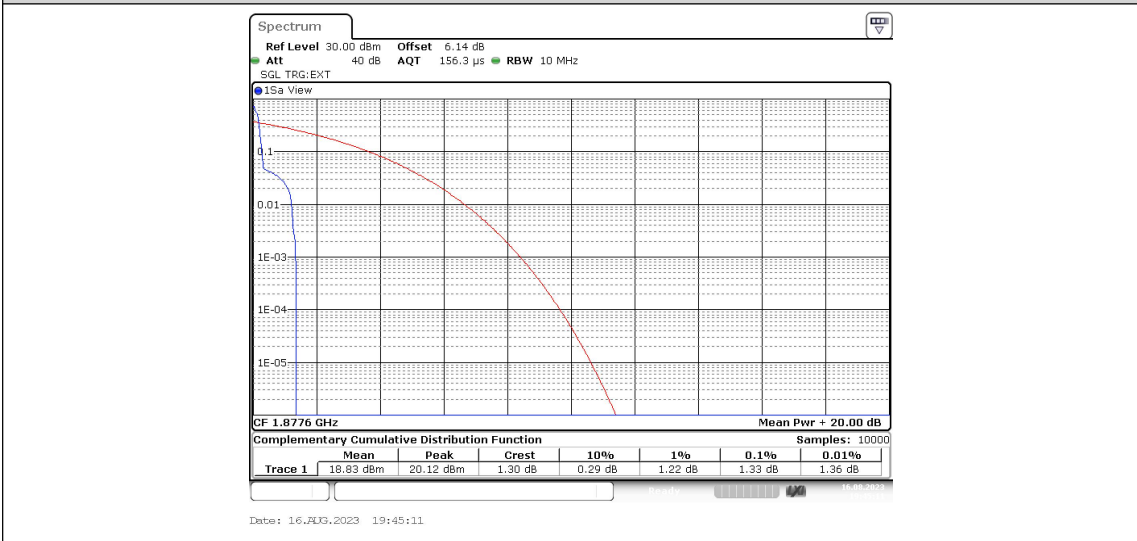
Band2-Stand-Alone-NaN-BPSK-18876-1@47-3.75kHz-0.32-<=13-PASS



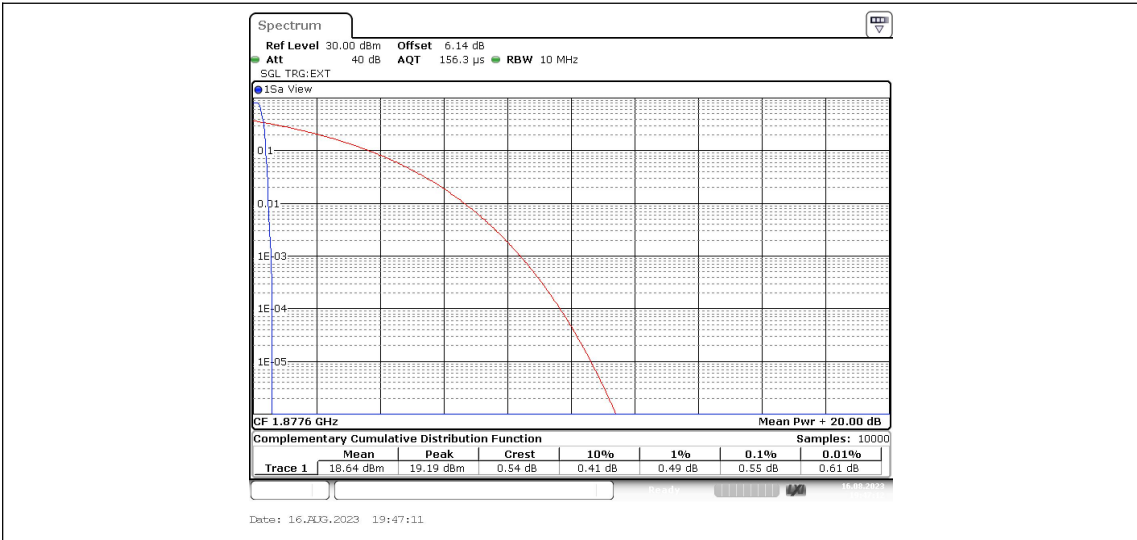
Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-0.26-<=13-PASS



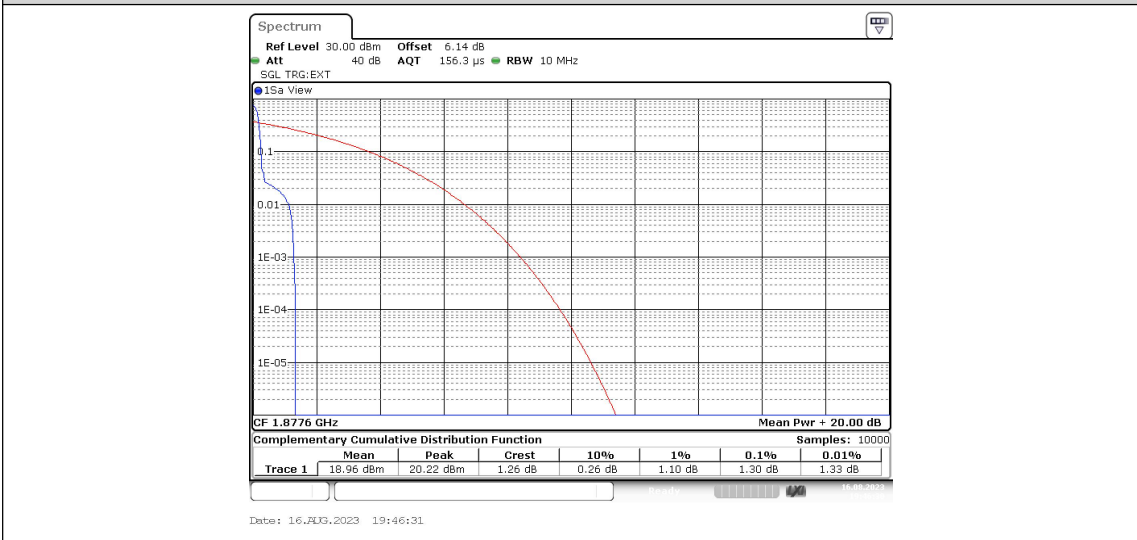
Band2-Stand-Alone-NaN-QPSK-18876-1@47-3.75kHz-0.32-<=13-PASS



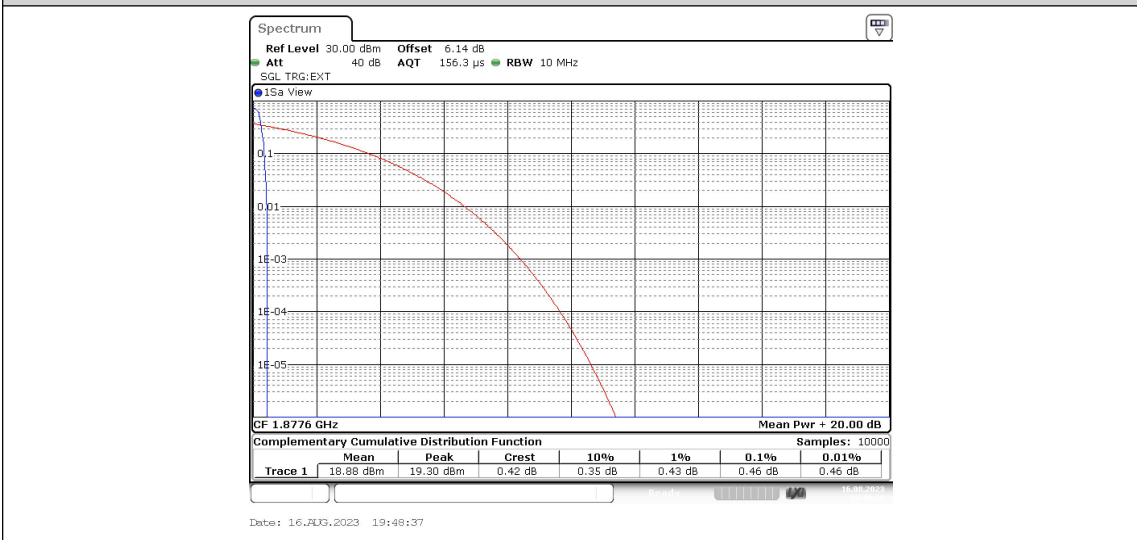
Band2-Stand-Alone-NaN-BPSK-18876-1@0-15kHz-1.33-<=13-PASS



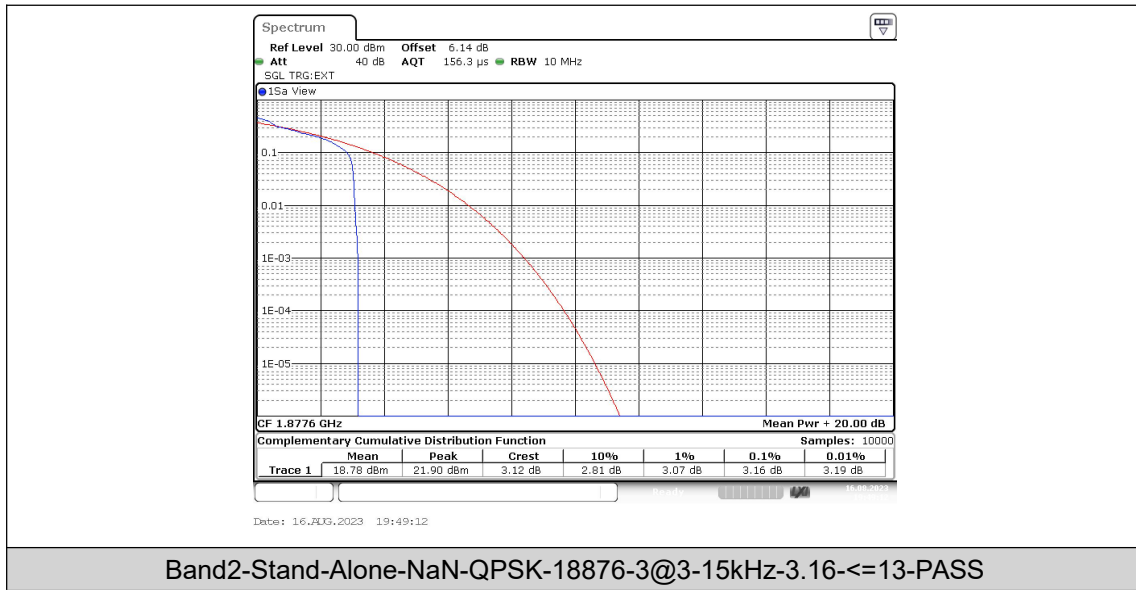
Band2-Stand-Alone-NaN-BPSK-18876-1@11-15kHz-0.55-<=13-PASS



Band2-Stand-Alone-NaN-QPSK-18876-1@0-15kHz-1.3-<=13-PASS



Band2-Stand-Alone-NaN-QPSK-18876-1@11-15kHz-0.46-<=13-PASS

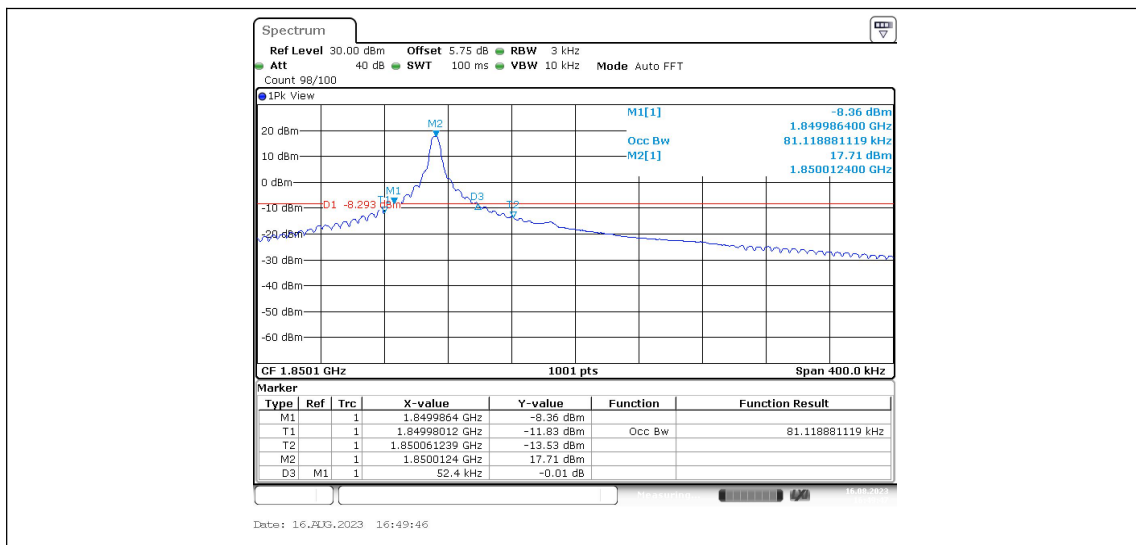


Appendix C: Emission Bandwidth for NB1

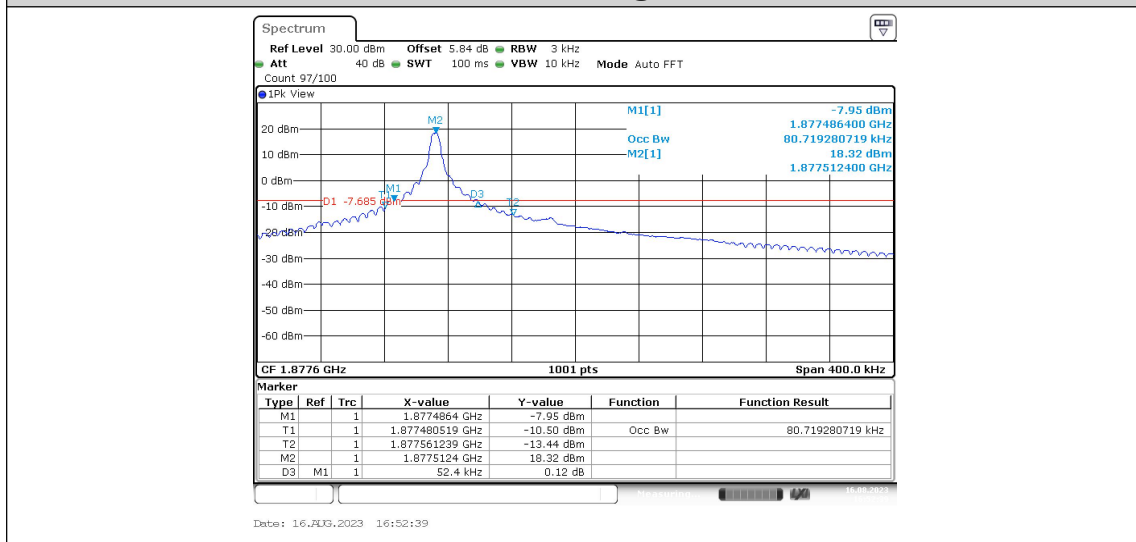
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	OBW(MHz)	EBW(MHz)	Verdict
Band2	Stand-Al one	3.75kHz	NaN	BPSK	18601	1@0	0.081	0.052	PASS
Band2	Stand-Al one	3.75kHz	NaN	BPSK	18876	1@0	0.081	0.052	PASS
Band2	Stand-Al one	3.75kHz	NaN	BPSK	19199	1@0	0.081	0.052	PASS
Band2	Stand-Al one	3.75kHz	NaN	QPSK	18601	1@0	0.097	0.055	PASS
Band2	Stand-Al one	3.75kHz	NaN	QPSK	18876	1@0	0.098	0.055	PASS
Band2	Stand-Al one	3.75kHz	NaN	QPSK	19199	1@0	0.099	0.055	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	18601	1@0	0.135	0.107	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	18601	12@0	0.185	0.251	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	18876	1@0	0.134	0.114	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	18876	12@0	0.185	0.251	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	19199	1@0	0.135	0.107	PASS
Band2	Stand-Al one	15kHz	NaN	BPSK	19199	12@0	0.185	0.251	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	18601	1@0	0.135	0.119	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	18601	12@0	0.185	0.251	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	18876	1@0	0.134	0.119	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	18876	12@0	0.185	0.251	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	19199	1@0	0.133	0.119	PASS
Band2	Stand-Al one	15kHz	NaN	QPSK	19199	12@0	0.185	0.251	PASS

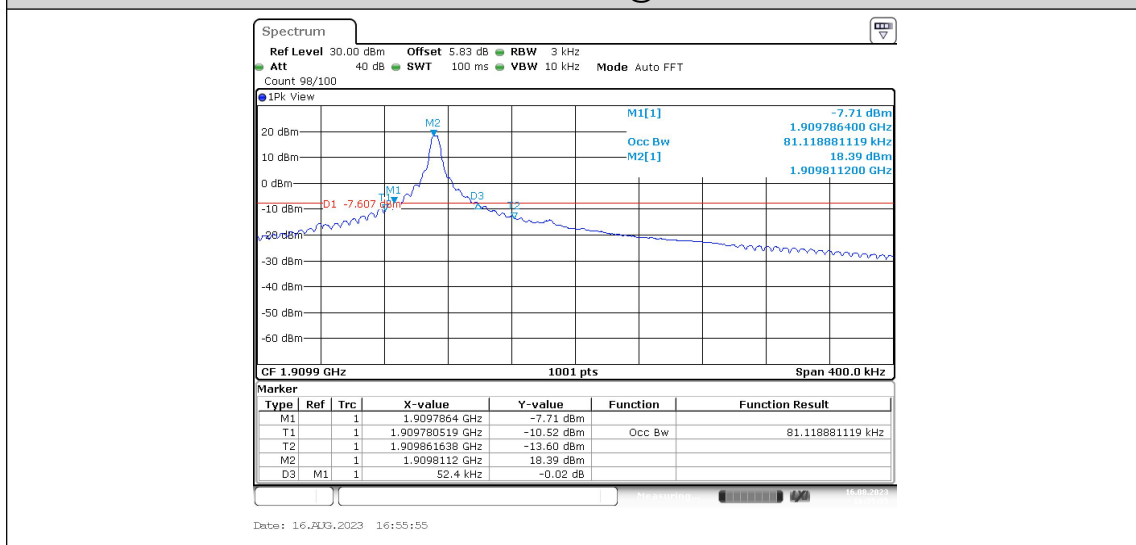
Test Graphs



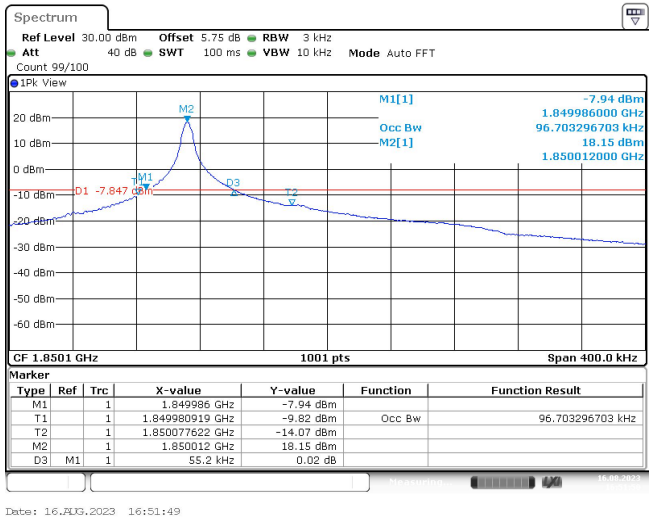
Band2-Stand-Alone-NaN-BPSK-18601-1@0-3.75kHz-0.052-0.081-PASS



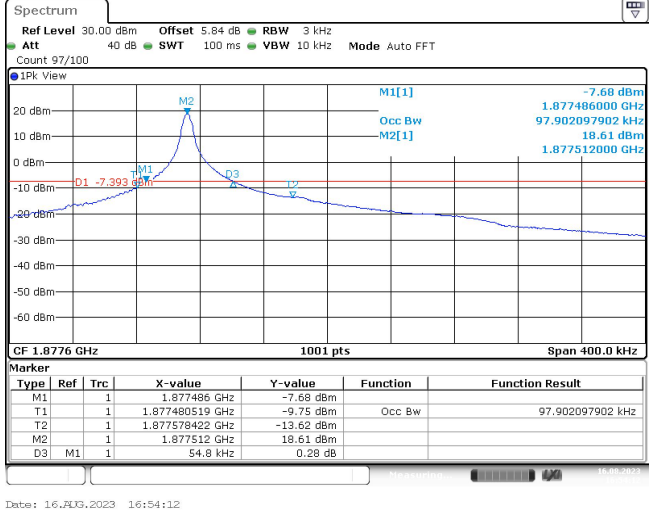
Band2-Stand-Alone-NaN-BPSK-18876-1@0-3.75kHz-0.052-0.081-PASS



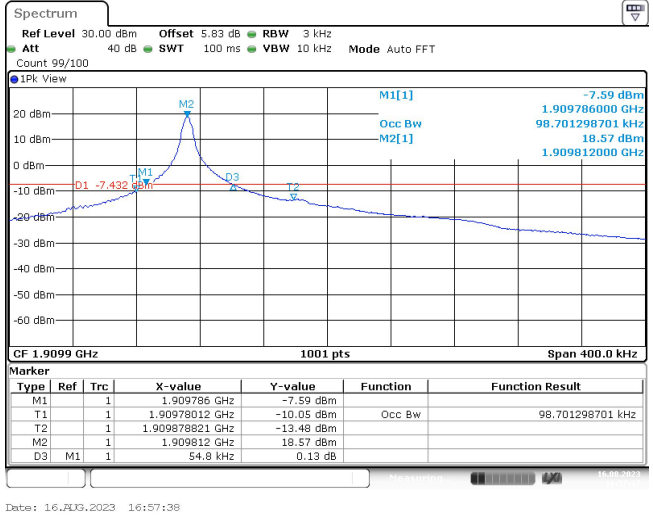
Band2-Stand-Alone-NaN-BPSK-19199-1@0-3.75kHz-0.052-0.081-PASS



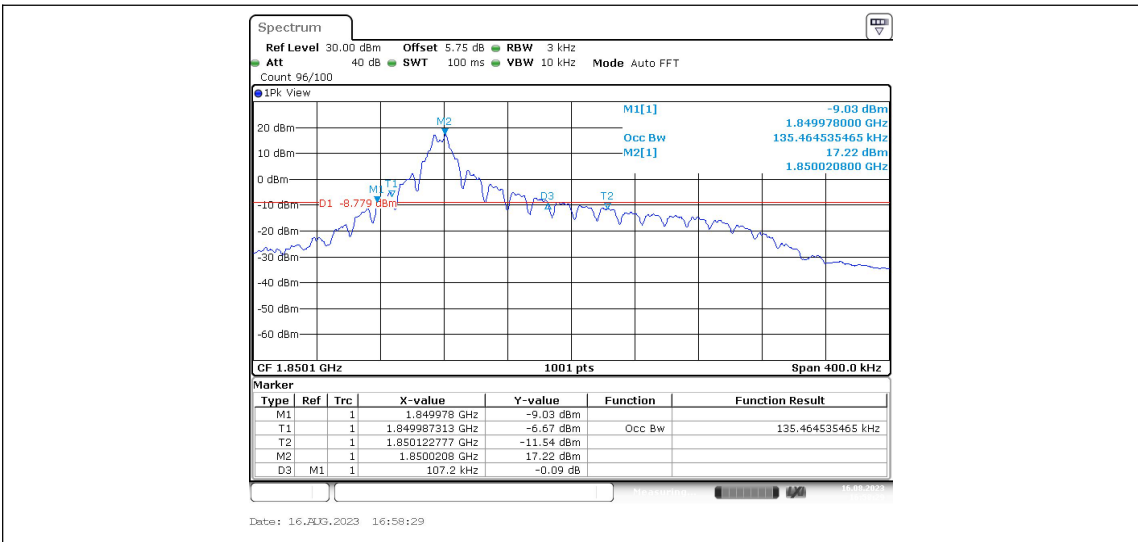
Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-0.055-0.097-PASS



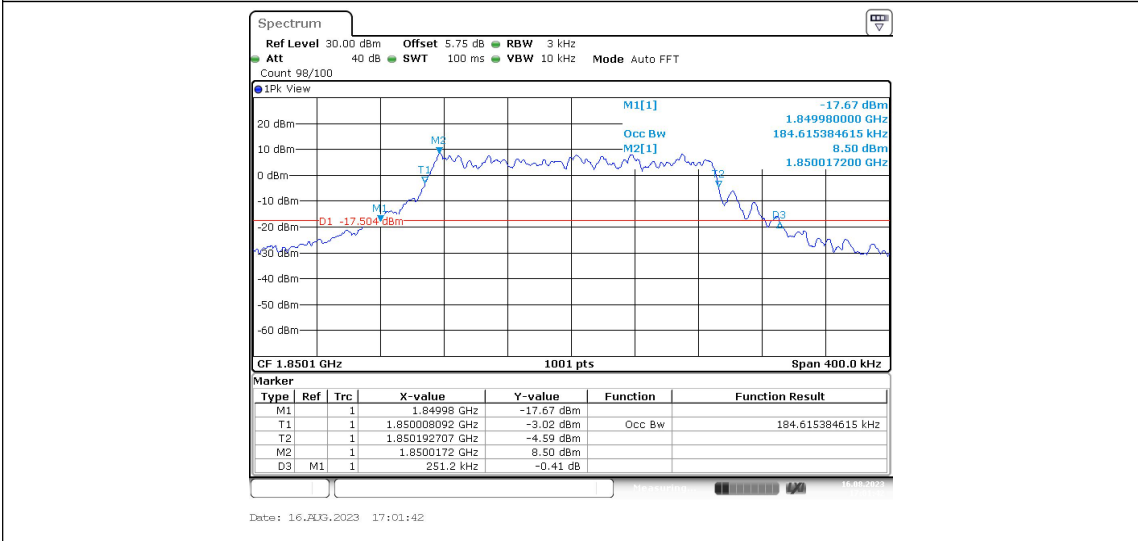
Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-0.055-0.098-PASS



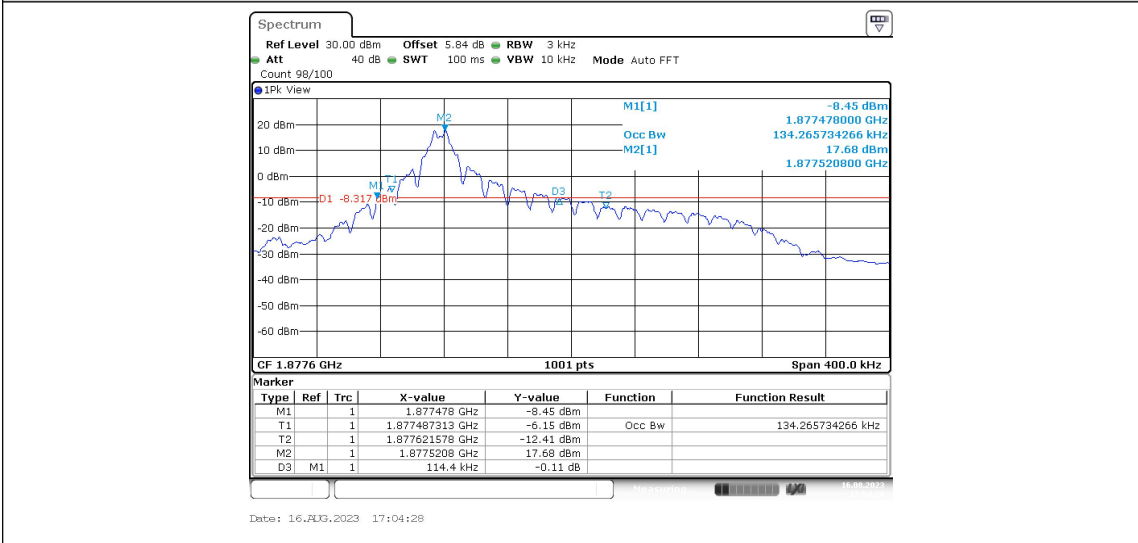
Band2-Stand-Alone-NaN-QPSK-19199-1@0-3.75kHz-0.055-0.099-PASS



Band2-Stand-Alone-NaN-BPSK-18601-1@0-15kHz-0.107-0.135-PASS



Band2-Stand-Alone-NaN-BPSK-18601-12@0-15kHz-0.251-0.185-PASS



Band2-Stand-Alone-NaN-BPSK-18876-1@0-15kHz-0.114-0.134-PASS