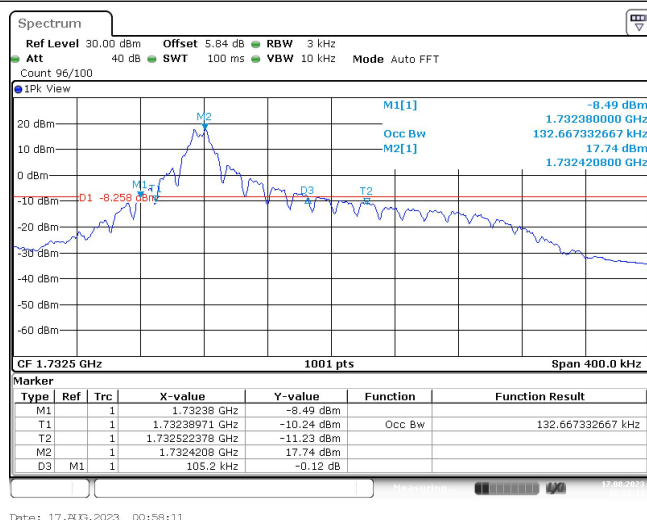
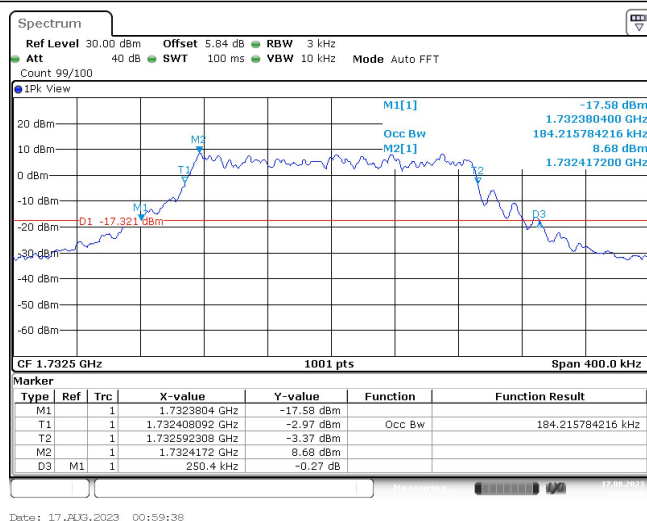
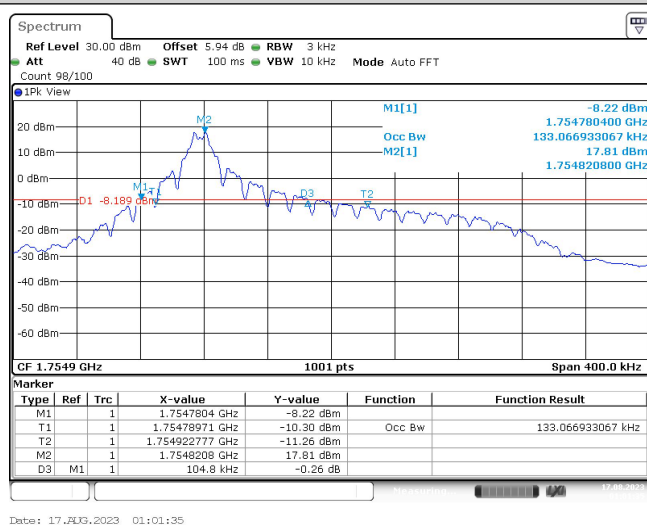




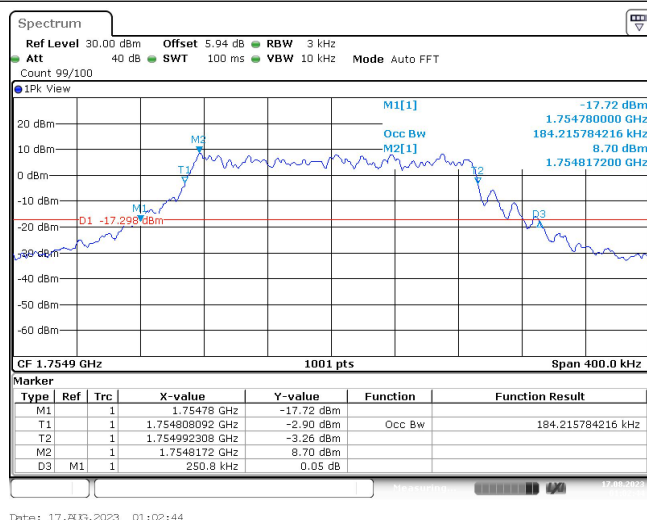
Band4-Stand-Alone-NaN-BPSK-20175-1@0-15kHz-0.105-0.133-PASS



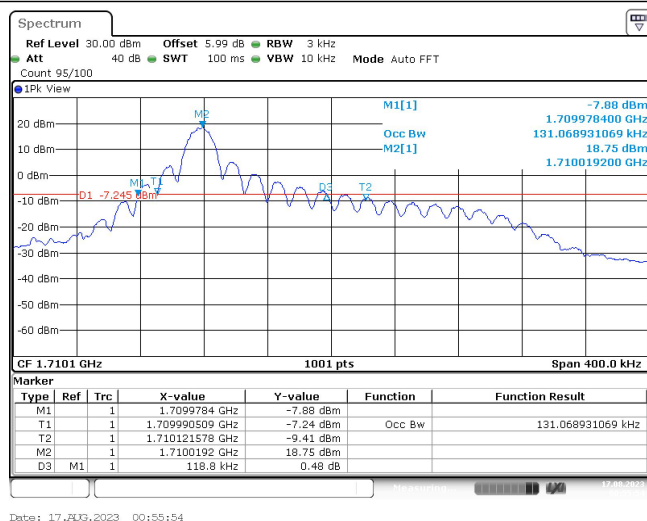
Band4-Stand-Alone-NaN-BPSK-20175-12@0-15kHz-0.250-0.184-PASS



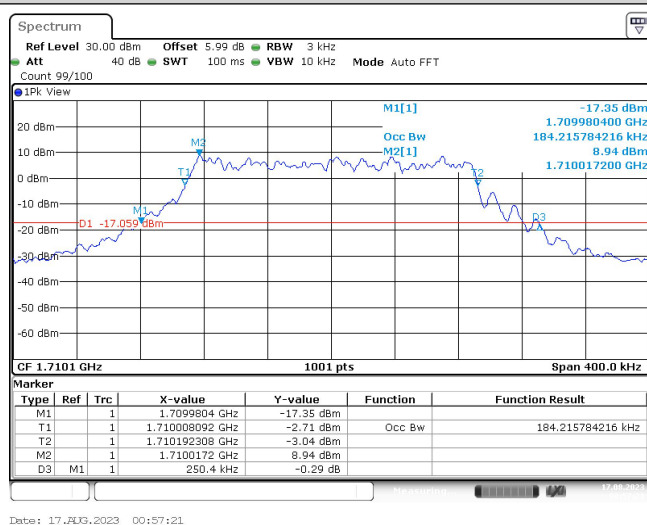
Band4-Stand-Alone-NaN-BPSK-20399-1@0-15kHz-0.105-0.133-PASS



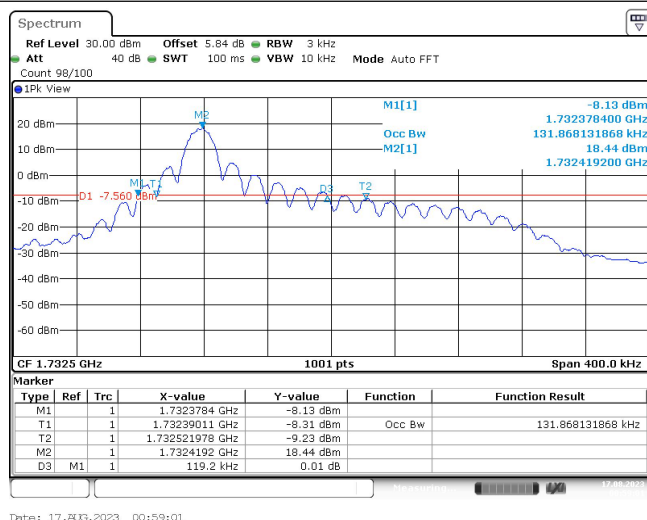
Band4-Stand-Alone-NaN-BPSK-20399-12@0-15kHz-0.251-0.184-PASS



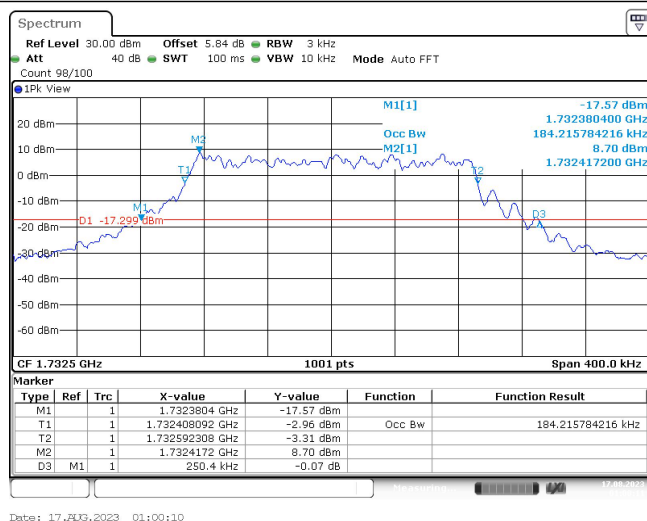
Band4-Stand-Alone-NaN-QPSK-19951-1@0-15kHz-0.119-0.131-PASS



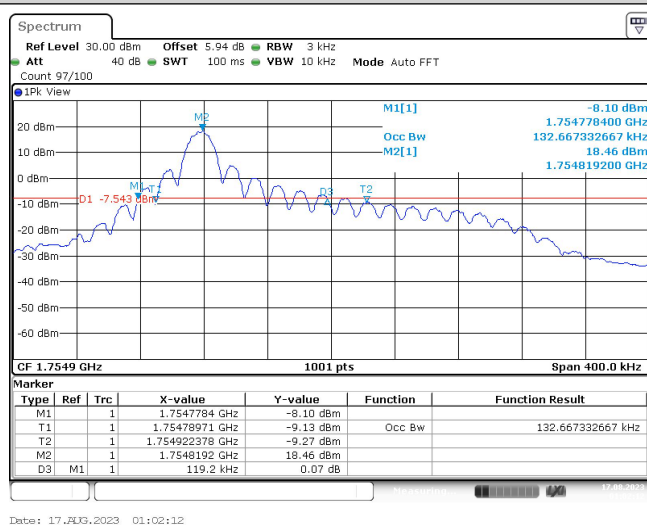
Band4-Stand-Alone-NaN-QPSK-19951-12@0-15kHz-0.250-0.184-PASS



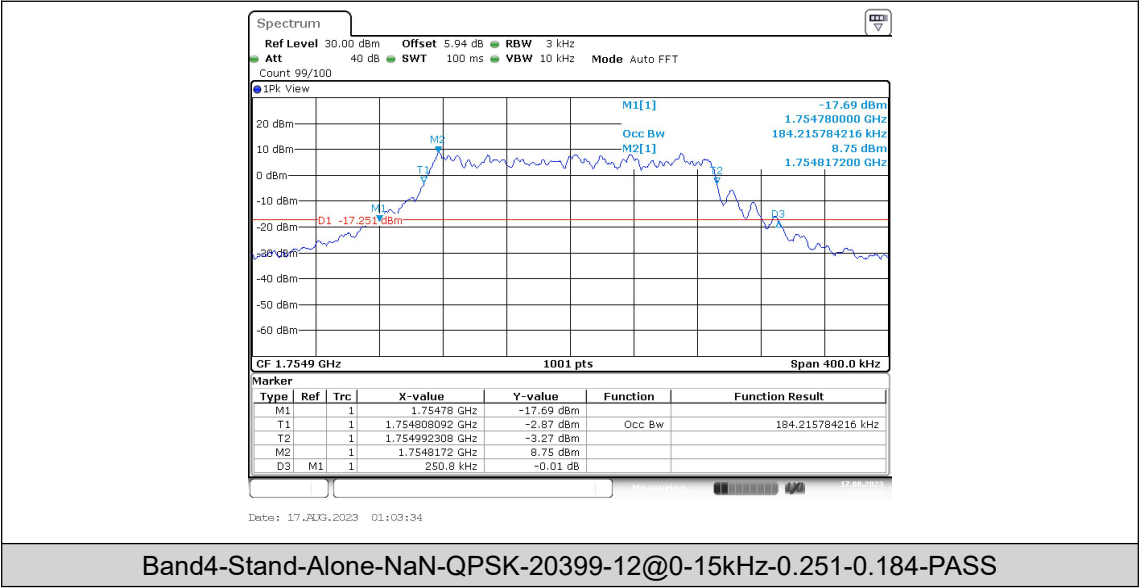
Band4-Stand-Alone-NaN-QPSK-20175-1@0-15kHz-0.119-0.132-PASS



Band4-Stand-Alone-NaN-QPSK-20175-12@0-15kHz-0.250-0.184-PASS



Band4-Stand-Alone-NaN-QPSK-20399-1@0-15kHz-0.119-0.133-PASS

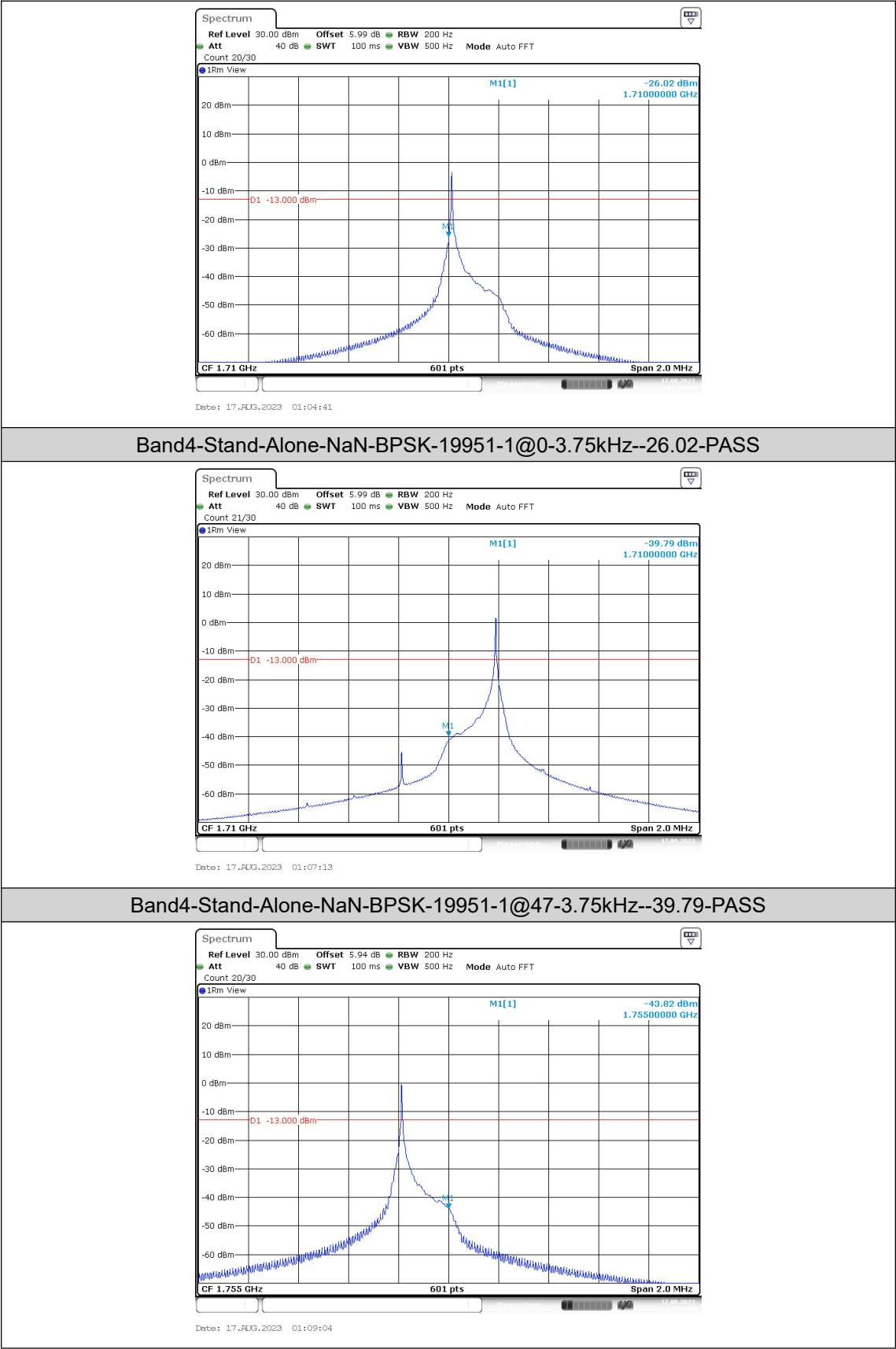


Appendix D: Band Edge for NB1

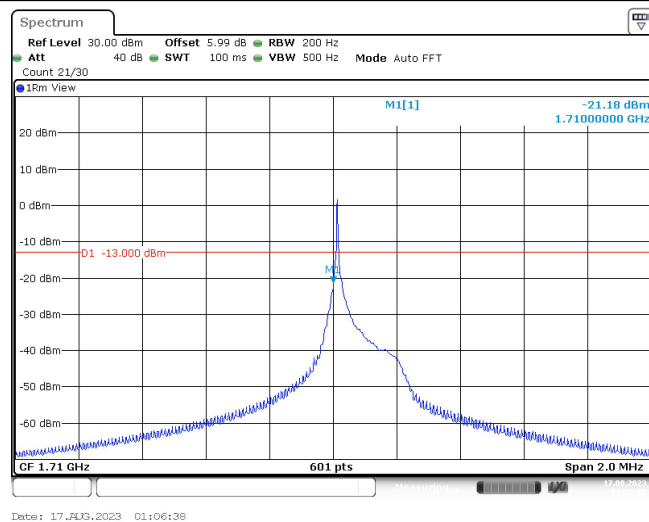
Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Verdict
Band4	Stand-Alone	3.75kHz	NaN	BPSK	19951	1@0	PASS
Band4	Stand-Alone	3.75kHz	NaN	BPSK	19951	1@47	PASS
Band4	Stand-Alone	3.75kHz	NaN	BPSK	20399	1@0	PASS
Band4	Stand-Alone	3.75kHz	NaN	BPSK	20399	1@47	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@0	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@47	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@0	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@47	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@0	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@11	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	12@0	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@0	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@11	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	12@0	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	1@0	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	1@11	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	12@0	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	1@0	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	1@11	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	12@0	PASS

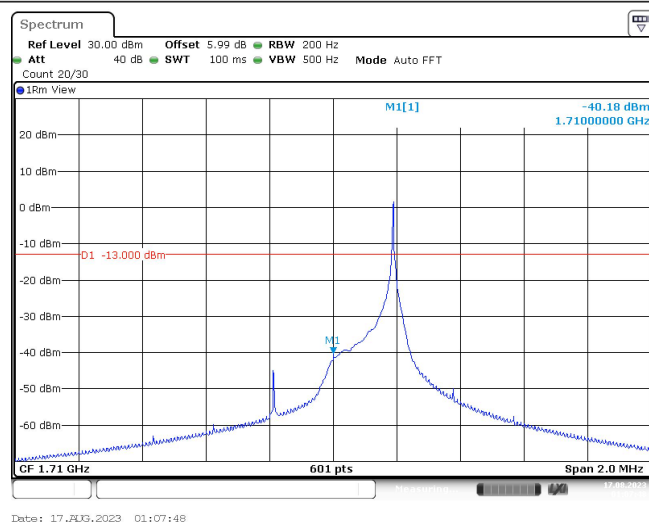
Test Graphs

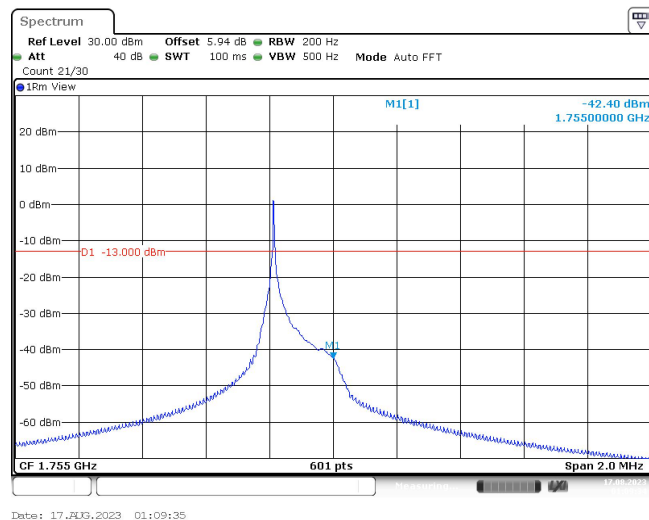


Band4-Stand-Alone-NaN-BPSK-20399-1@47-3.75kHz--45.92-PASS

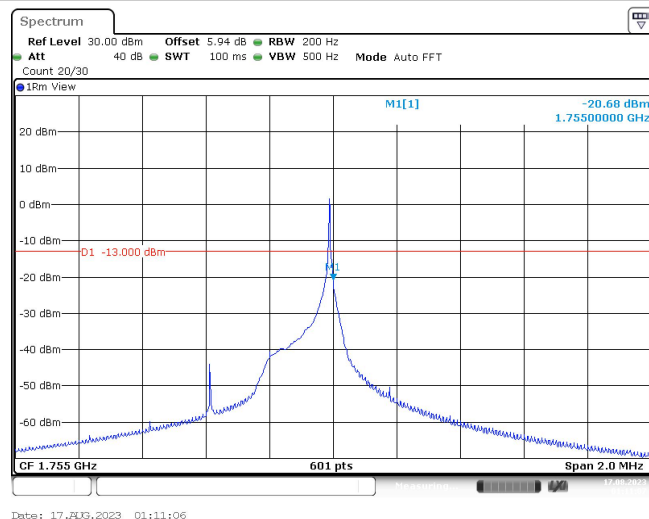


Band4-Stand-Alone-NaN-QPSK-19951-1@47-3.75kHz--40.18-PASS

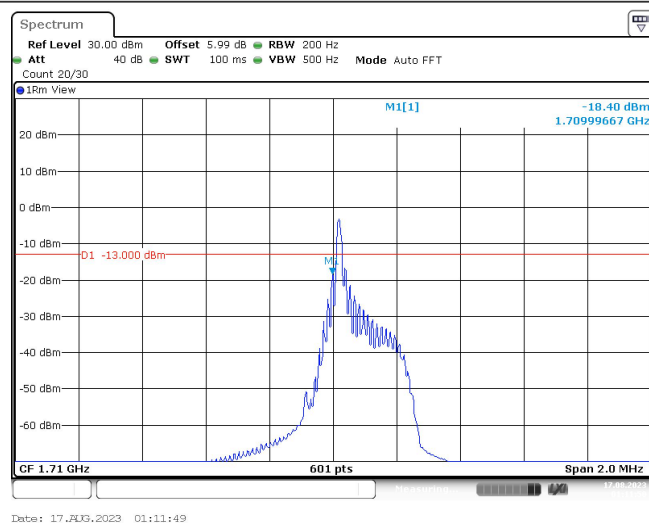




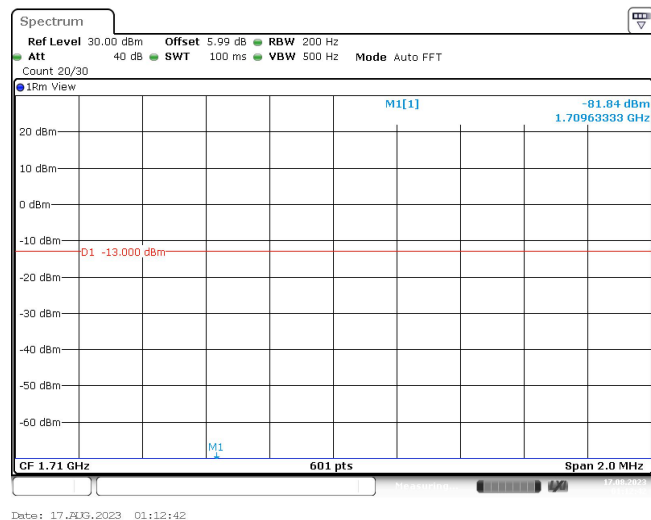
Band4-Stand-Alone-NaN-QPSK-20399-1@0-3.75kHz--42.40-PASS



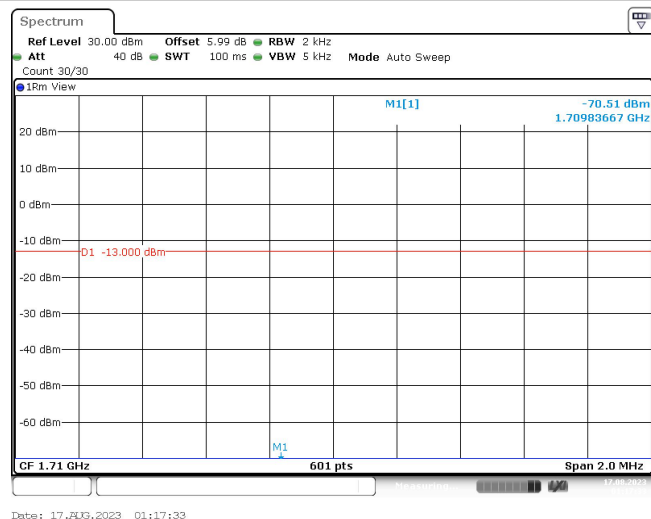
Band4-Stand-Alone-NaN-QPSK-20399-1@47-3.75kHz--20.68-PASS



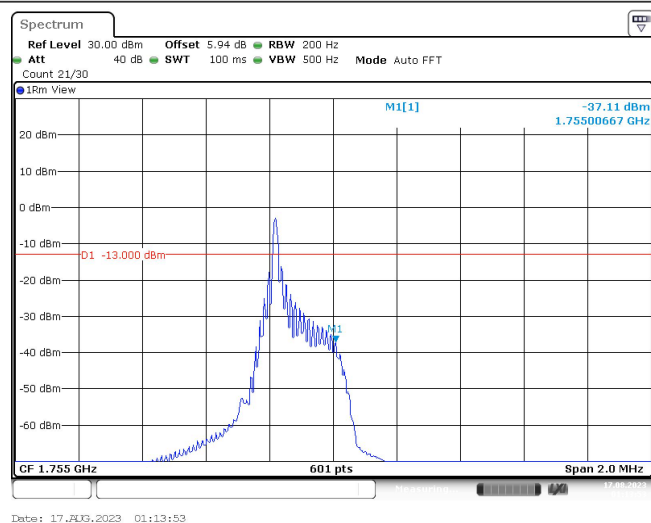
Band4-Stand-Alone-NaN-BPSK-19951-1@0-15kHz--18.40-PASS



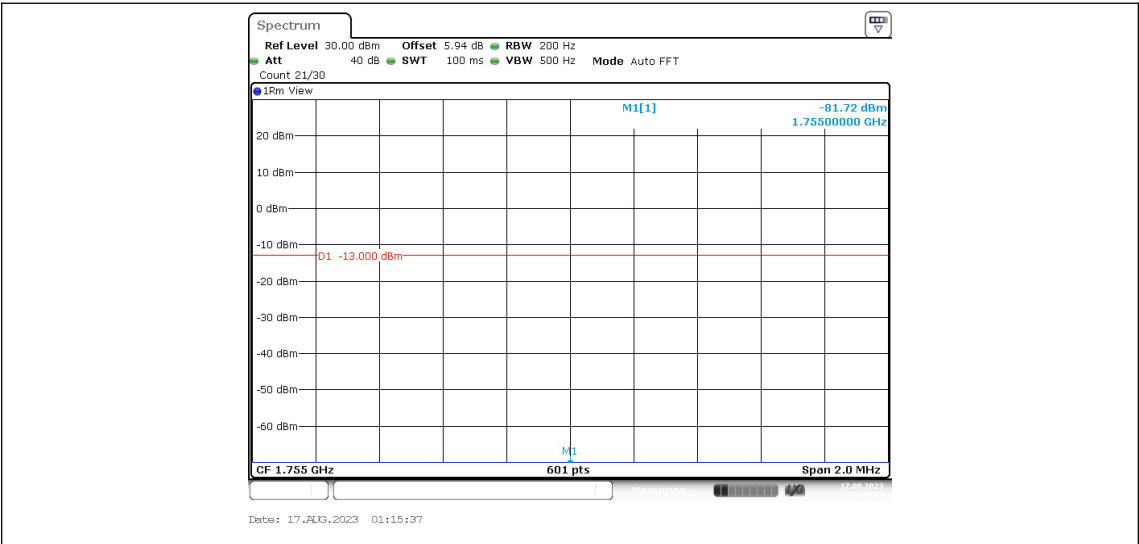
Band4-Stand-Alone-NaN-BPSK-19951-1@11-15kHz--81.84-PASS



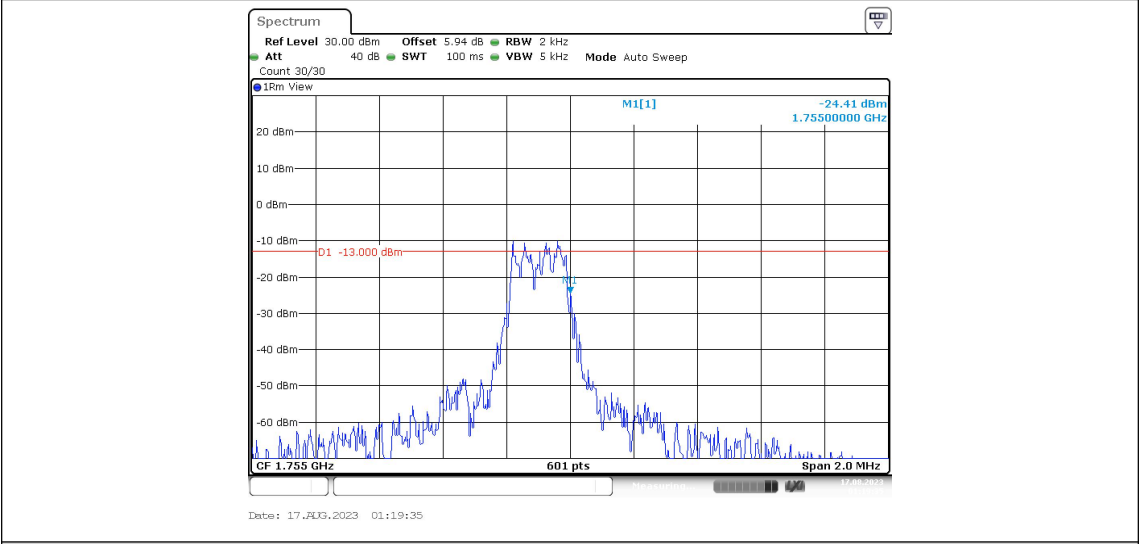
Band4-Stand-Alone-NaN-BPSK-19951-12@0-15kHz--70.51-PASS



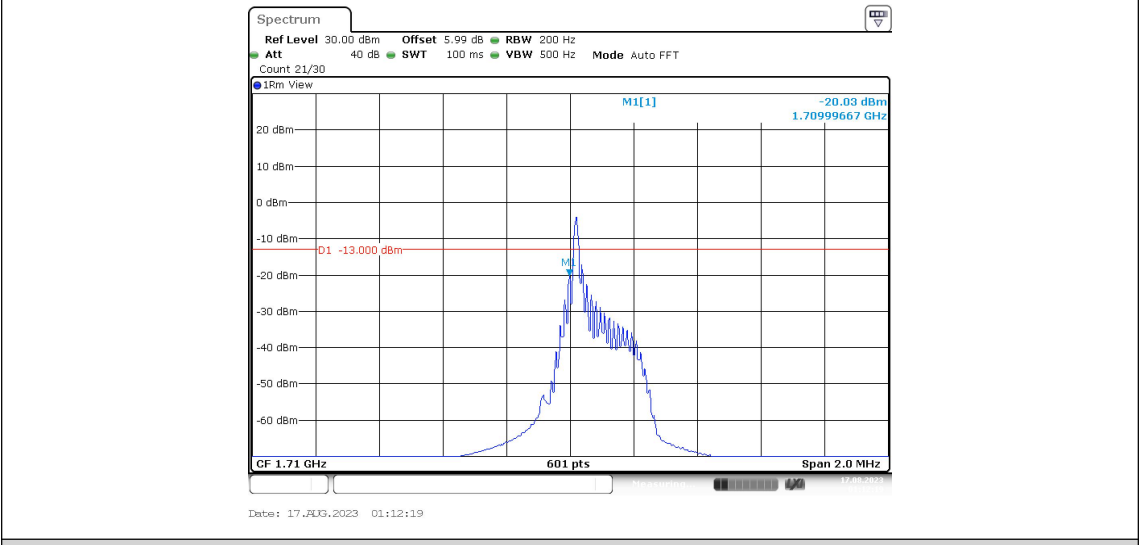
Band4-Stand-Alone-NaN-BPSK-20399-1@0-15kHz--37.11-PASS



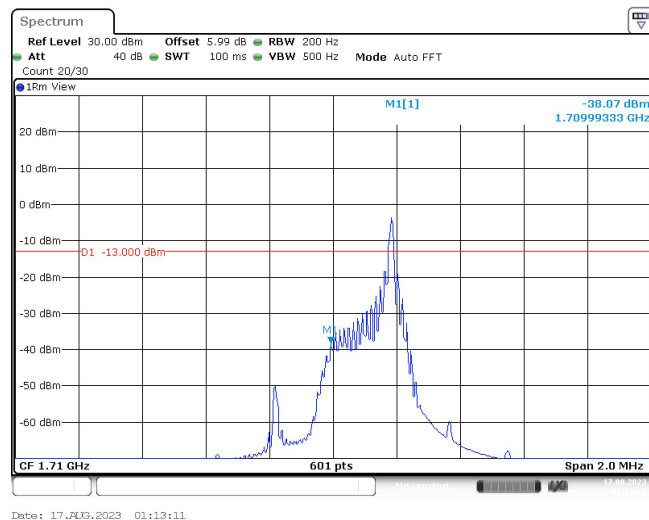
Band4-Stand-Alone-NaN-BPSK-20399-1@11-15kHz--81.72-PASS



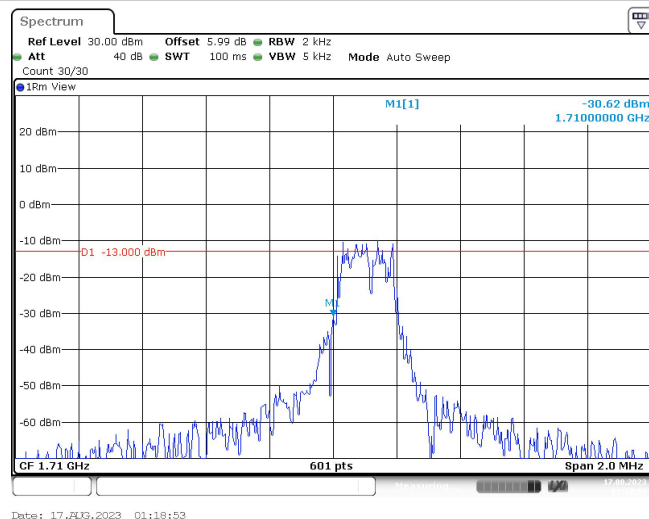
Band4-Stand-Alone-NaN-BPSK-20399-12@0-15kHz--24.41-PASS



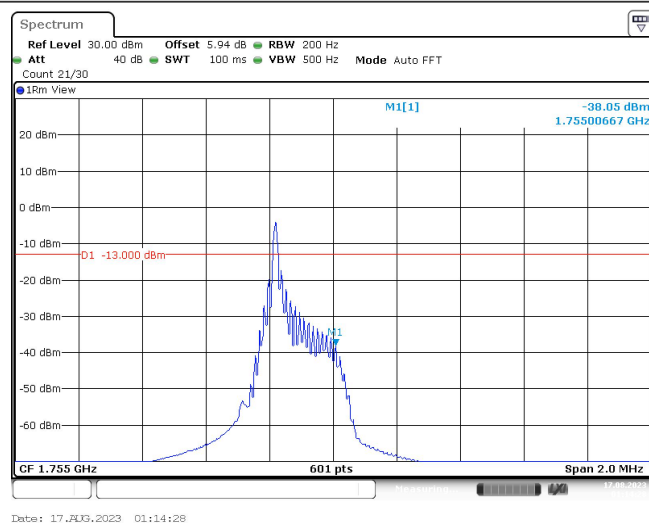
Band4-Stand-Alone-NaN-QPSK-19951-1@0-15kHz--20.03-PASS



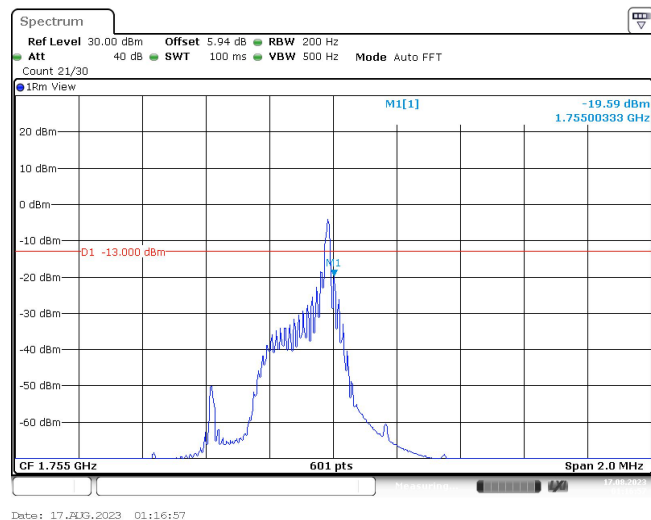
Band4-Stand-Alone-NaN-QPSK-19951-1@11-15kHz--38.07-PASS



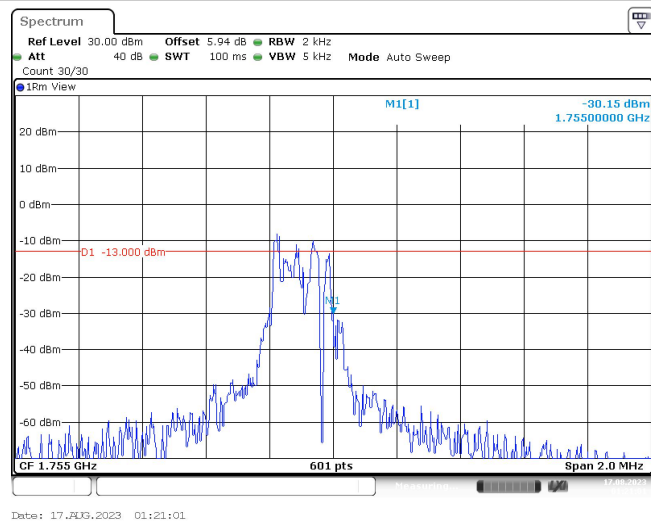
Band4-Stand-Alone-NaN-QPSK-19951-12@0-15kHz--30.62-PASS



Band4-Stand-Alone-NaN-QPSK-20399-1@0-15kHz--38.05-PASS



Band4-Stand-Alone-NaN-QPSK-20399-1@11-15kHz--19.59-PASS



Band4-Stand-Alone-NaN-QPSK-20399-12@0-15kHz--30.15-PASS

Appendix E: Conducted Spurious Emission for NB1

Test Result

Band	OpMode	SCS	BW	Modu	Channel	Tones	Freq Start [MHz]	Freq Stop [MHz]	Verdict
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@0	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@0	0.15	30	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@0	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@0	1000	20000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@47	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@47	0.15	30	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@47	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	19951	1@47	1000	20000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@0	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@0	0.15	30	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@0	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@0	1000	20000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@47	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@47	0.15	30	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@47	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20175	1@47	1000	20000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@0	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@0	0.15	30	PASS

Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@0	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@0	1000	20000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@47	0.009	0.15	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@47	0.15	30	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@47	30	1000	PASS
Band4	Stand-Alone	3.75kHz	NaN	QPSK	20399	1@47	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@0	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@11	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@11	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@11	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	19951	1@11	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@0	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@11	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@11	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@11	30	1000	PASS

Band4	Stand-Alone	15kHz	NaN	BPSK	20175	1@11	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@0	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@11	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@11	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@11	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	BPSK	20399	1@11	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	12@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	12@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	12@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	19951	12@0	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20175	12@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20175	12@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20175	12@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20175	12@0	1000	20000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	12@0	0.009	0.15	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	12@0	0.15	30	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	12@0	30	1000	PASS
Band4	Stand-Alone	15kHz	NaN	QPSK	20399	12@0	1000	20000	PASS