Appendix B

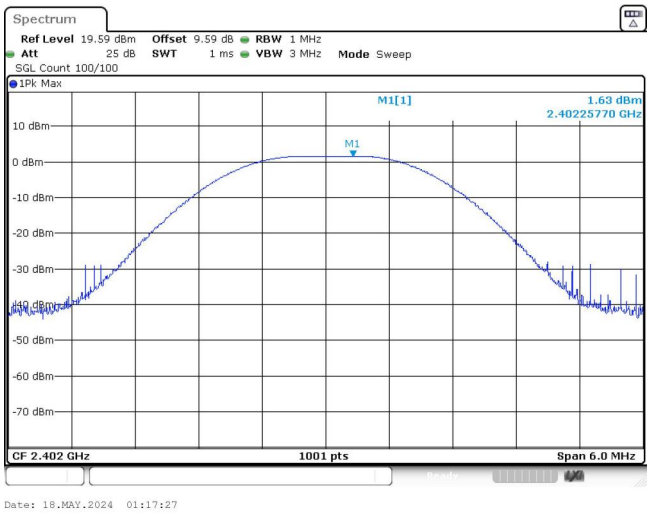
Report No.:	CISRR24070905402
FCC ID:	2BHK3-MRX1
Product Name:	MR Headset
Model No.:	MRX1
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

1) Conducted Peak Output Power

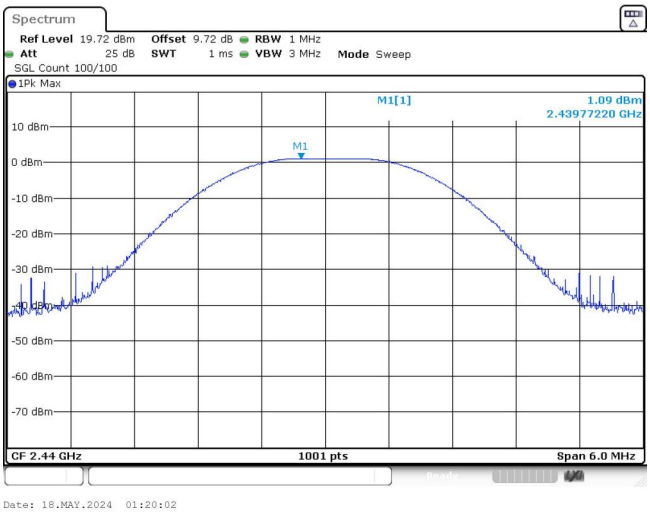
Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	LE	0	1.63	1.46	30	PASS
		19	1.09	1.29		PASS
		39	1.00	1.26		PASS

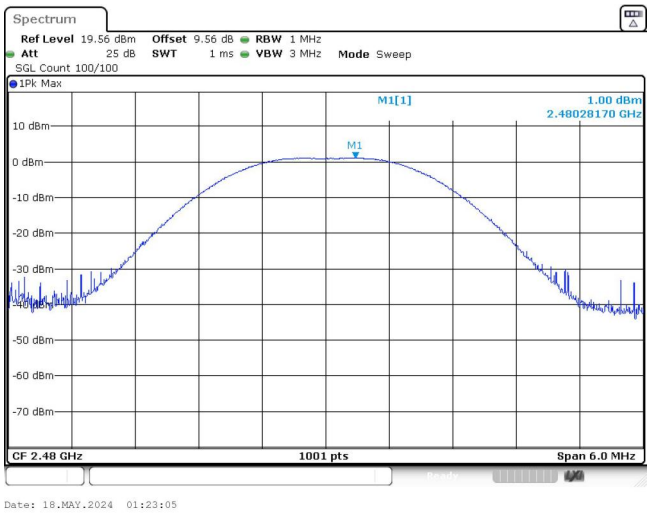
Test Graphs



Peak Output Power
LE_Channel 0



Peak Output Power
LE_Channel 19



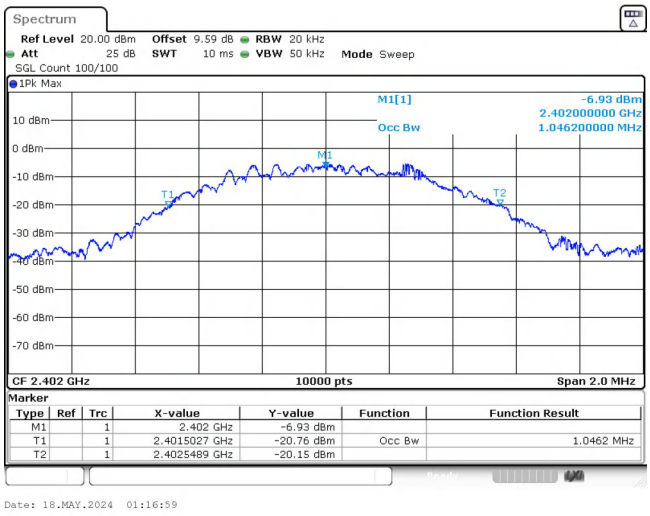
Peak Output Power
LE_Channel 39

2) 99% Bandwidth

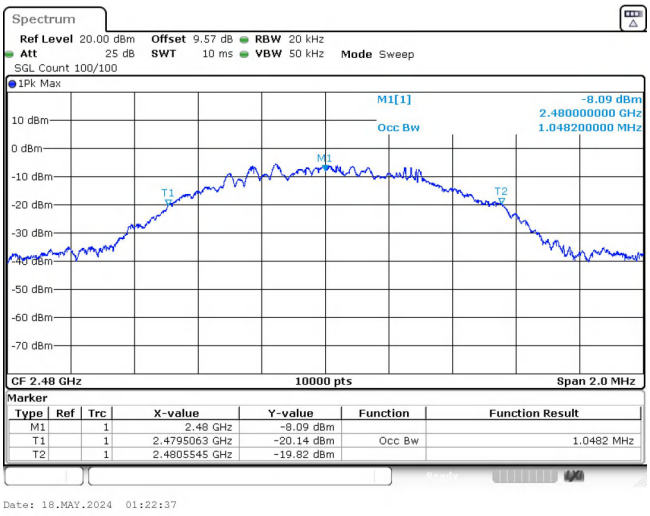
Test Result

Mode	Channel	99% BW (MHz)
LE	0	1.046
LE	19	1.055
LE	39	1.048

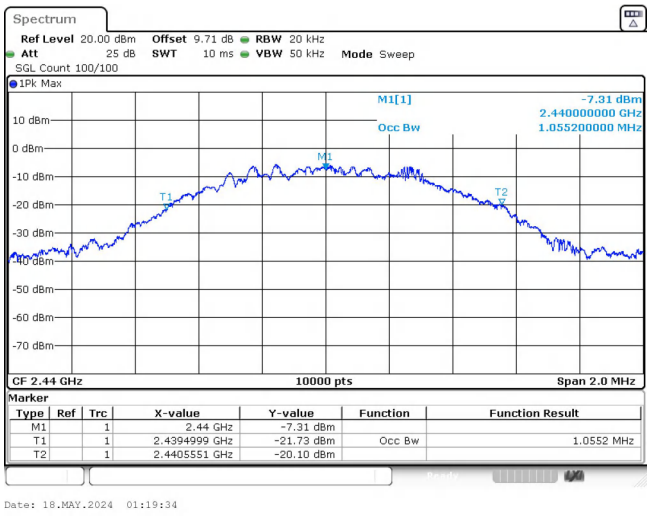
Test Graphs



LE_Channel 0



LE_Channel 39



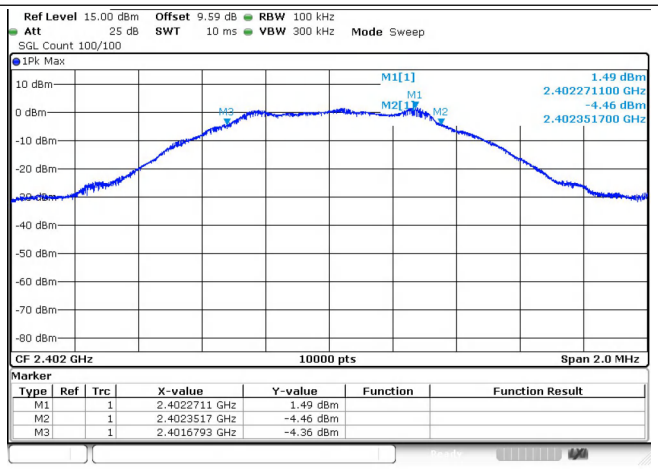
LE_Channel 19

3) 6dB Bandwidth

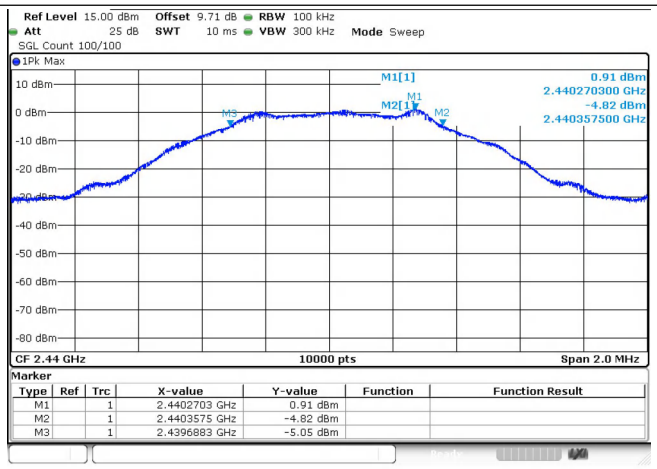
Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
LE	0	2402	0.6700	0.5	PASS
	19	2440	0.6700		PASS
	39	2480	0.6700		PASS

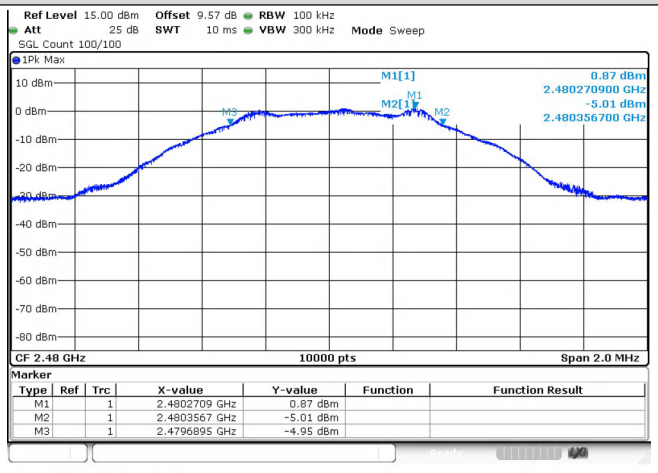
Test Graphs



LE_Channel 0



LE_Channel 19



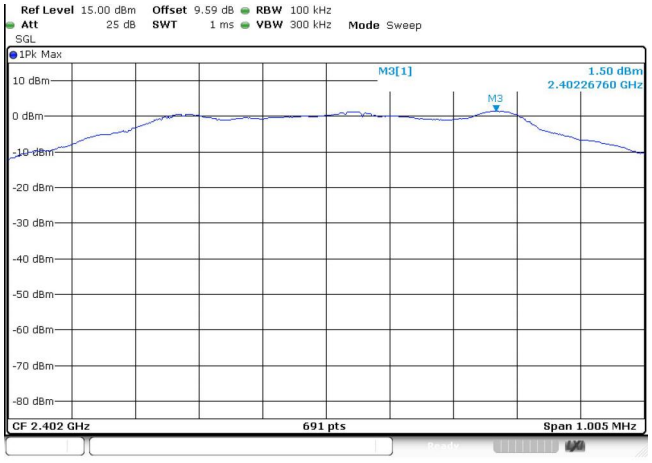
LE_Channel 39

4) Conducted Out Of Band Emission

Test Result

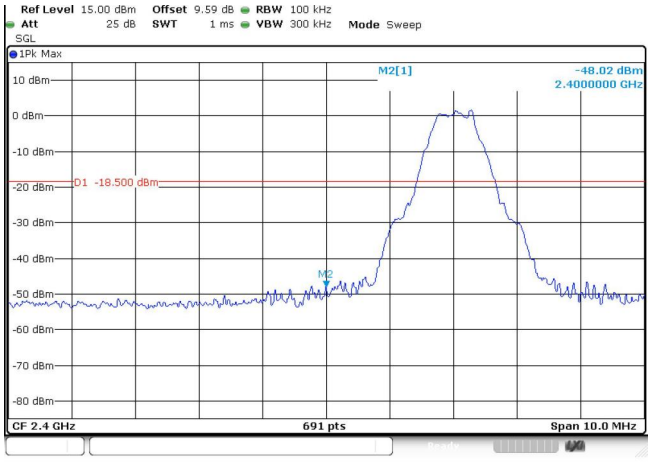
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-48.022	-18.5	-29.522	PASS
		7205.96	-39.857	-18.5	-21.357	PASS
	19	9760.39	-41.049	-19.14	-21.909	PASS
	39	2483.50	-51.965	-19.15	-32.816	PASS
		9920.20	-39.410	-19.15	-20.260	PASS

Test Graphs



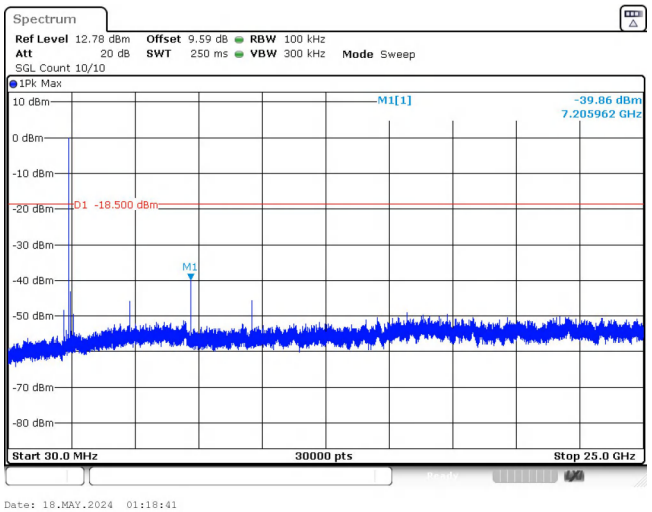
In-Band Reference Level

LE_Channel 0



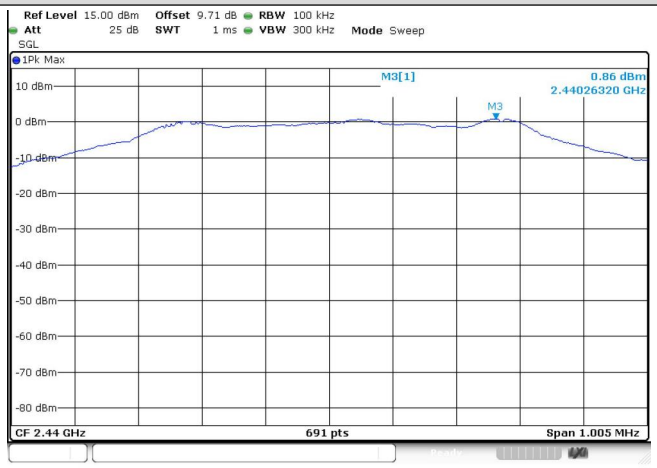
Out Of Band Emission

LE_Channel 0



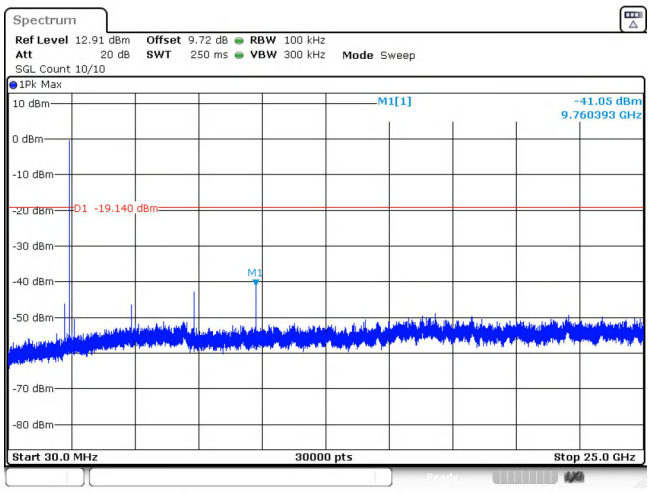
Spurious Emission

LE_Channel 0



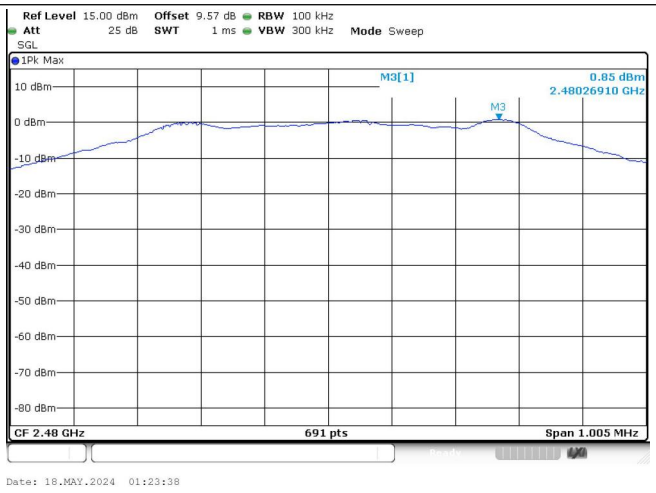
In-Band Reference Level

LE_Channel 19



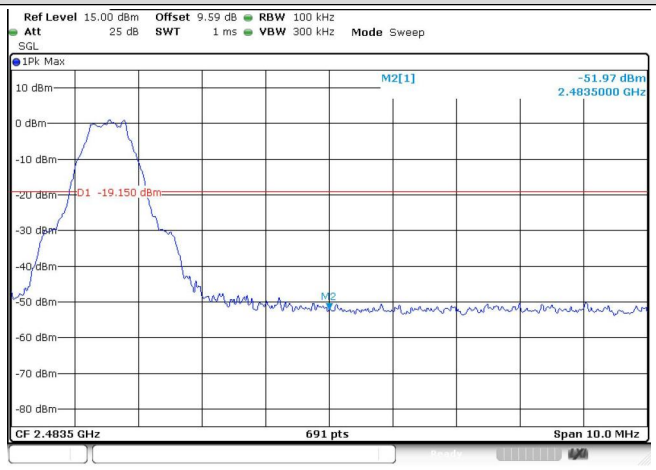
Spurious Emissions

LE_Channel 19



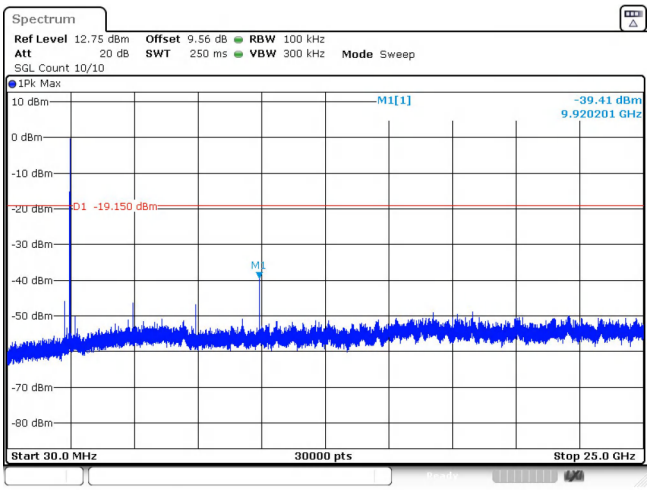
In-Band Reference Level

LE_Channel 39



Out Of Band Emission

LE_Channel 39



Spurious Emission

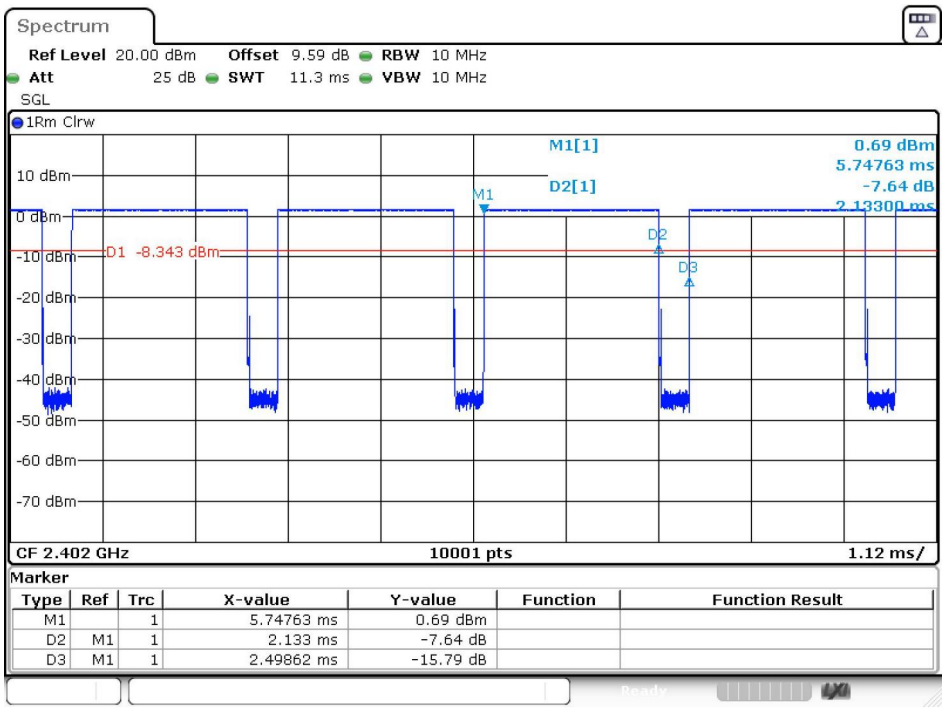
LE_Channel 39

5) Duty Cycle

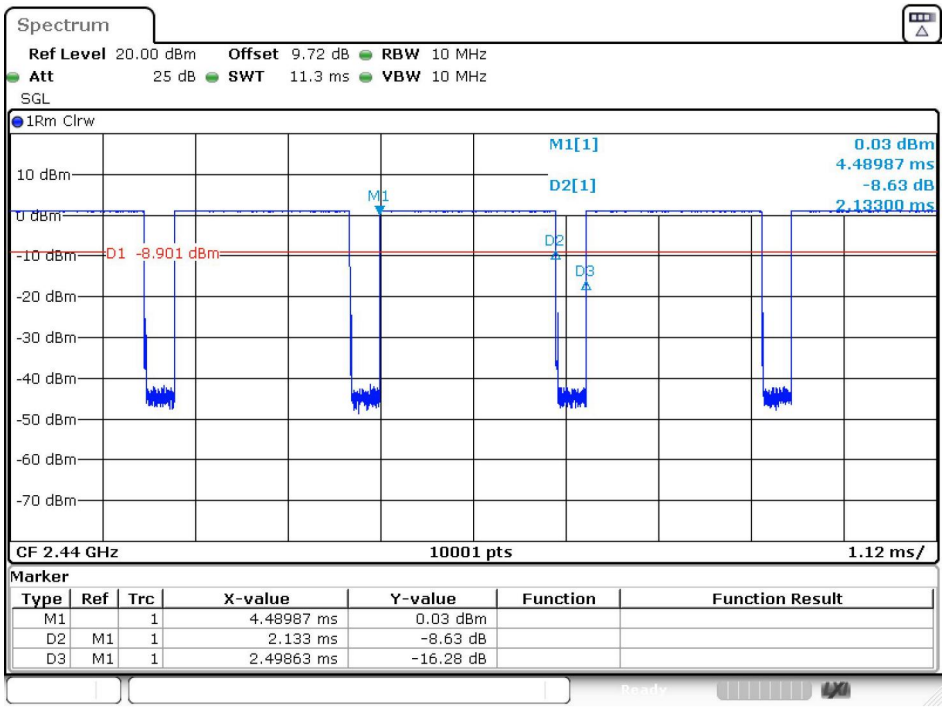
Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
LE	0	2.133	2.499	85.37	0.8537	0.6869	0.47
	19	2.133	2.499	85.37	0.8537	0.6869	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47

Test Graphs

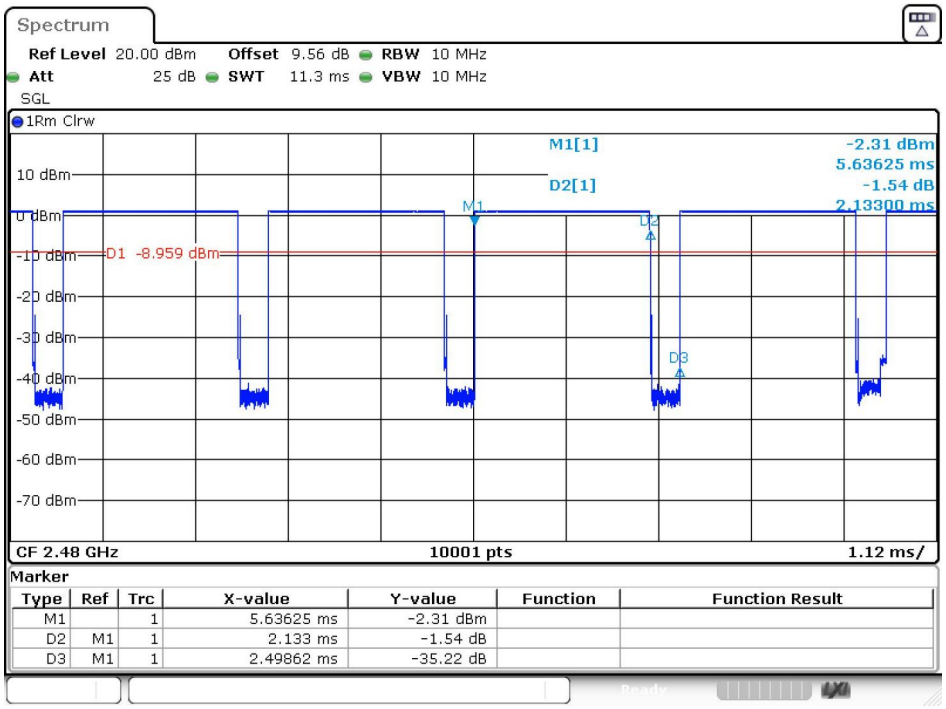


LE



Date: 18.MAY.2024 01:19:20

LE



Date: 18.MAY.2024 01:22:23

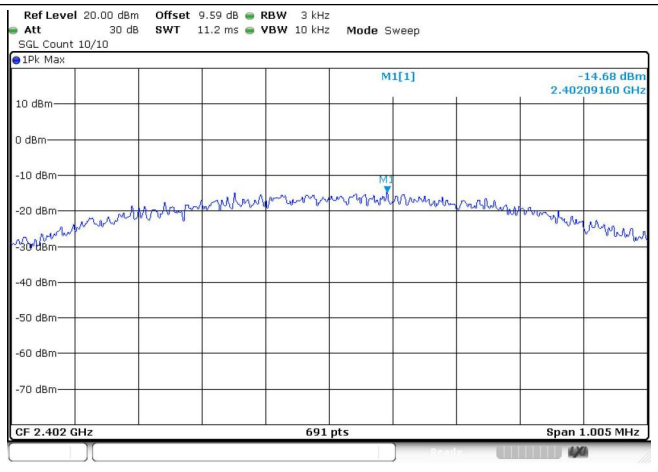
LE

6) Power Spectral Density

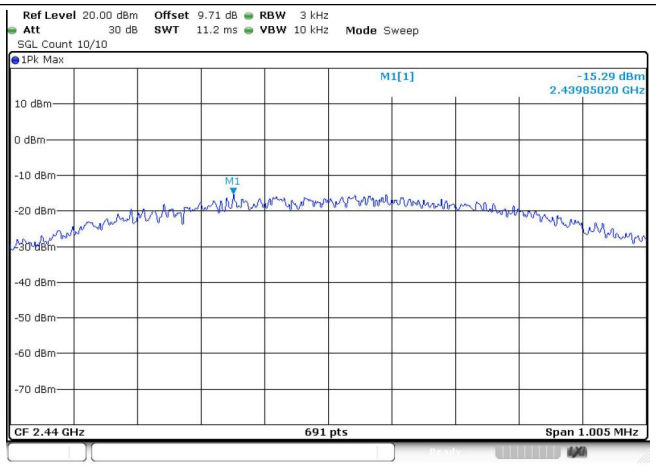
Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-14.684	8	PASS
LE	19	-15.293	8	PASS
LE	39	-15.277	8	PASS

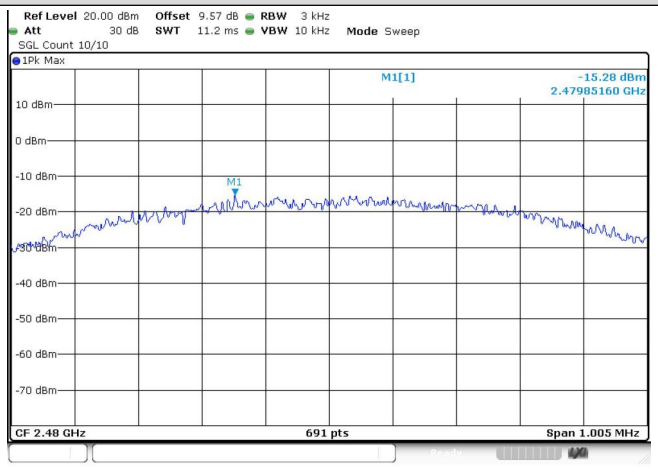
Test Graphs



LE_Channel 0



LE_Channel 19



LE_Channel 39