

Appendix B

Report No.:	CISRR24041308102
FCC ID:	2BFZ7-ZX-C
Product Name:	Levitating Bluetooth speaker
Model No.:	ZX-C
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

Conducted Peak Output Power

Left

Test Result

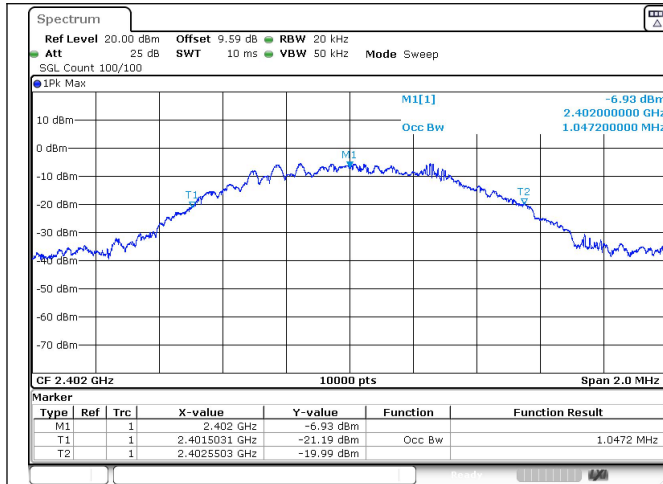
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	1.639	1.46	30	PASS
	19	1.002	1.26	30	PASS
	39	0.936	1.24	30	PASS

99% Bandwidth

Test Result

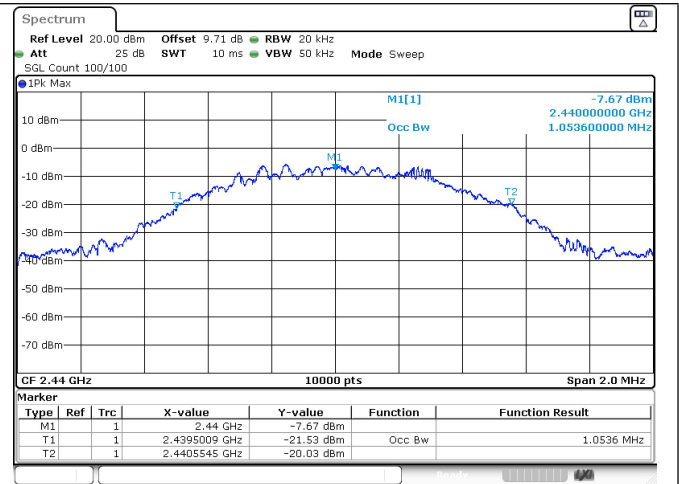
Mode	Channel	99% BW (MHz)
LE	0	1.0470
LE	19	1.0540
LE	39	1.0450

Test Graphs



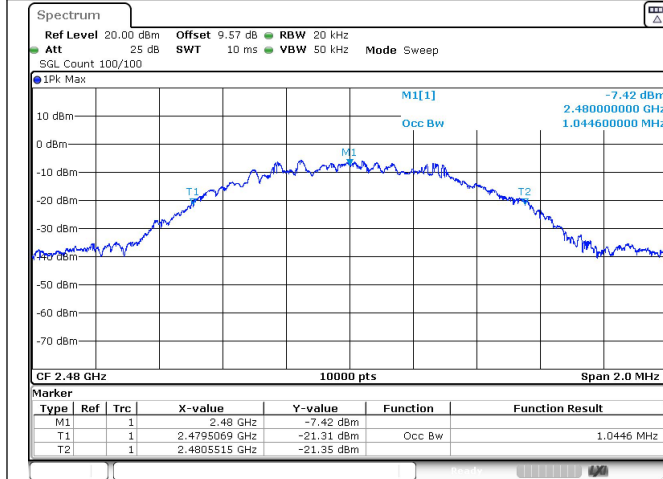
Date: 17.APR.2024 11:09:54

LE_Channel 0



Date: 17.APR.2024 11:13:00

LE_Channel 19



Date: 17.APR.2024 11:17:42

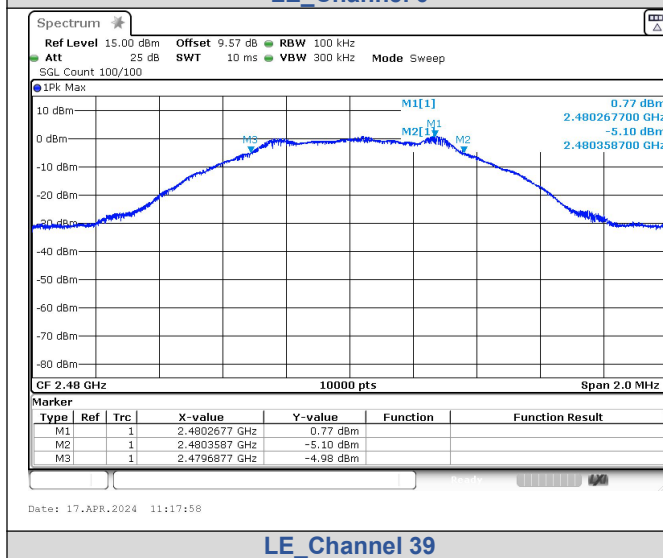
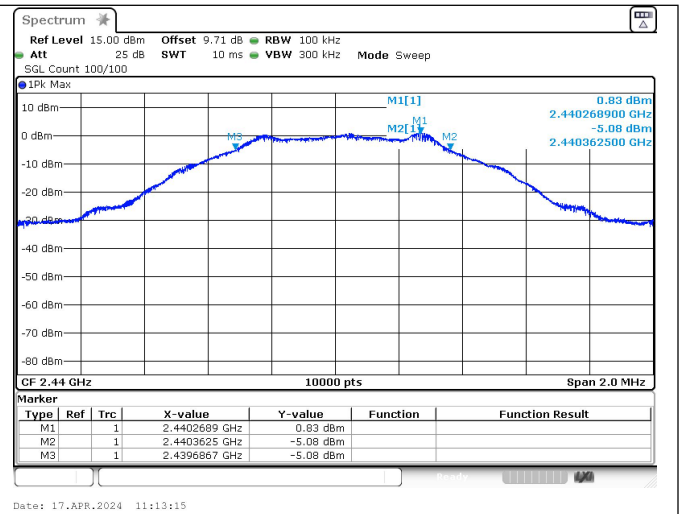
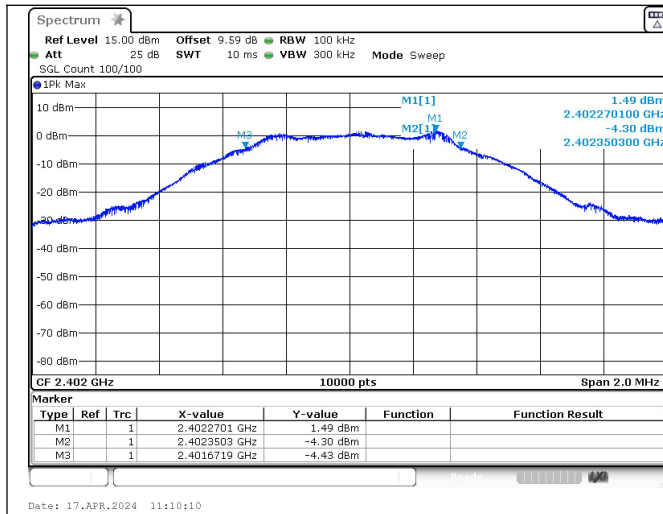
LE_Channel 39

6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
LE	0	2402	0.6800	0.5	PASS
	19	2440	0.6700		PASS
	39	2480	0.6700		PASS

Test Graphs

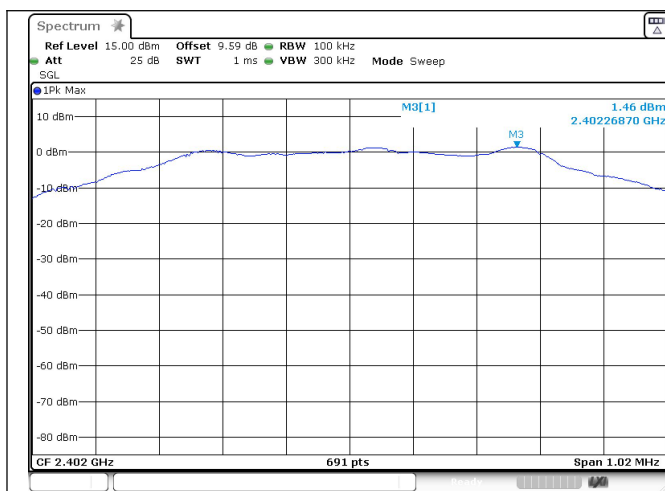


Conducted Out Of Band Emission

Test Result

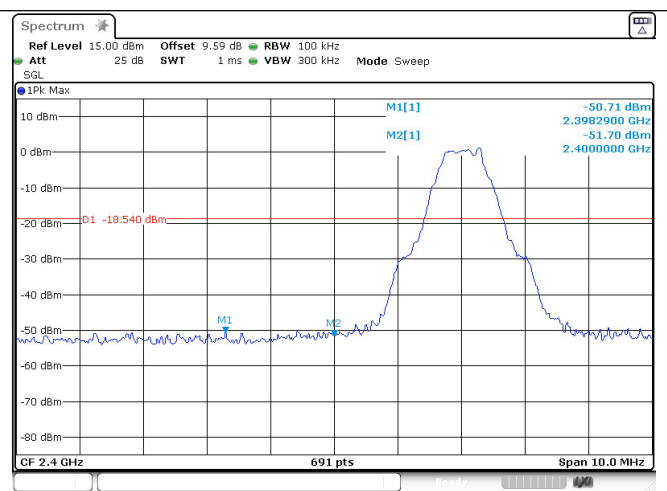
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-51.699	-18.54	-33.159	PASS
		2398.29	-50.706	-18.54	-32.166	PASS
		7206.00	-40.735	-18.54	-22.195	PASS
	39	9760.39	-41.913	-19.17	-22.743	PASS
		2483.50	-53.013	-19.22	-33.793	PASS
		9920.20	-39.938	-19.22	-20.718	PASS

Test Graphs



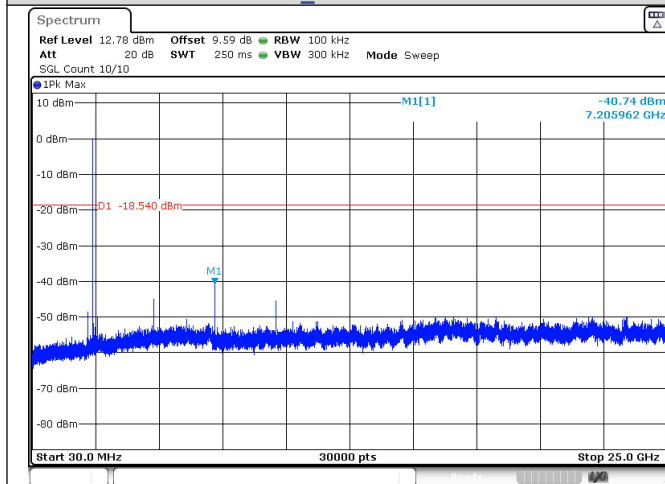
Date: 17.APR.2024 11:10:56

**In-Band Reference Level
LE_Channel 0**



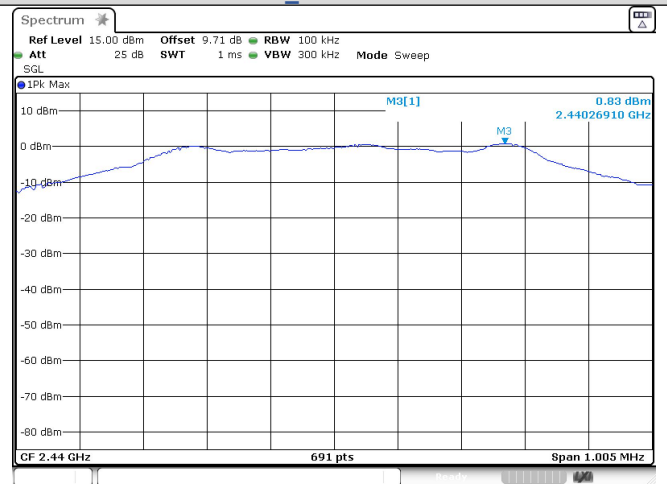
Date: 17.APR.2024 11:11:15

**Out Of Band Emission
LE_Channel 0**



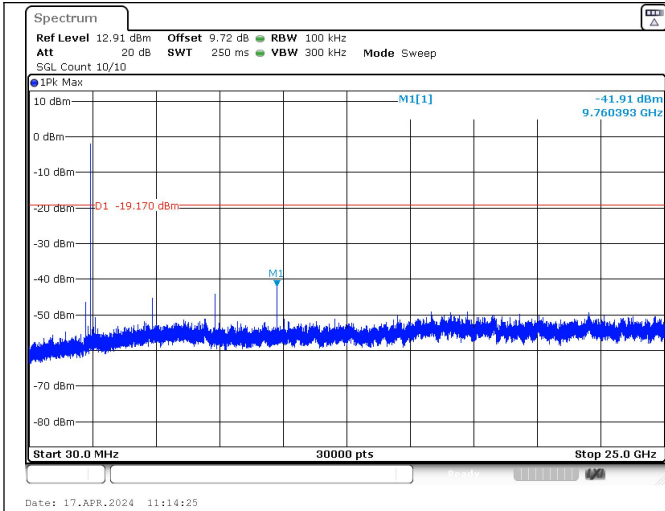
Date: 17.APR.2024 11:11:37

**Spurious Emission
LE_Channel 0**

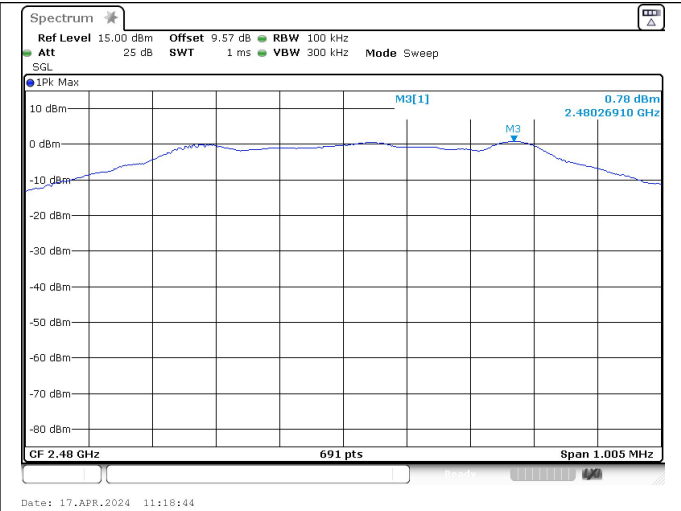


Date: 17.APR.2024 11:14:01

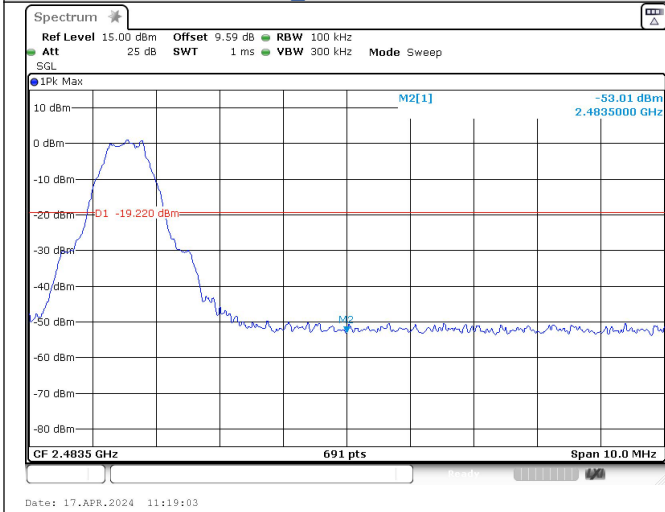
**In-Band Reference Level
LE_Channel 19**



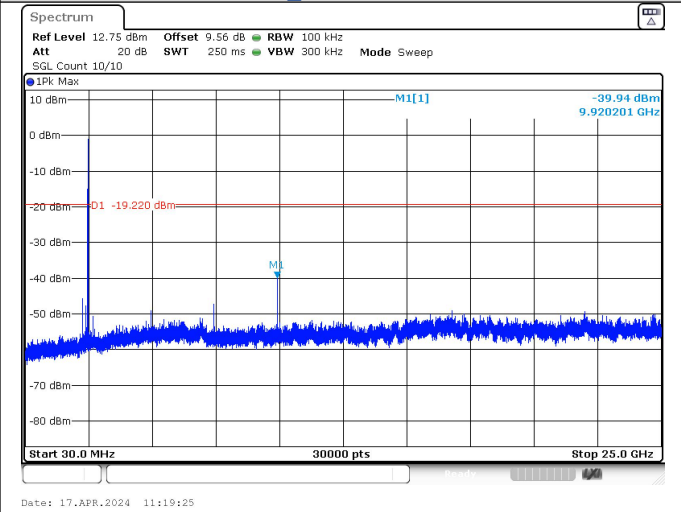
**Spurious Emissions
LE_Channel 19**



**In-Band Reference Level
LE_Channel 39**



**Out Of Band Emission
LE_Channel 39**



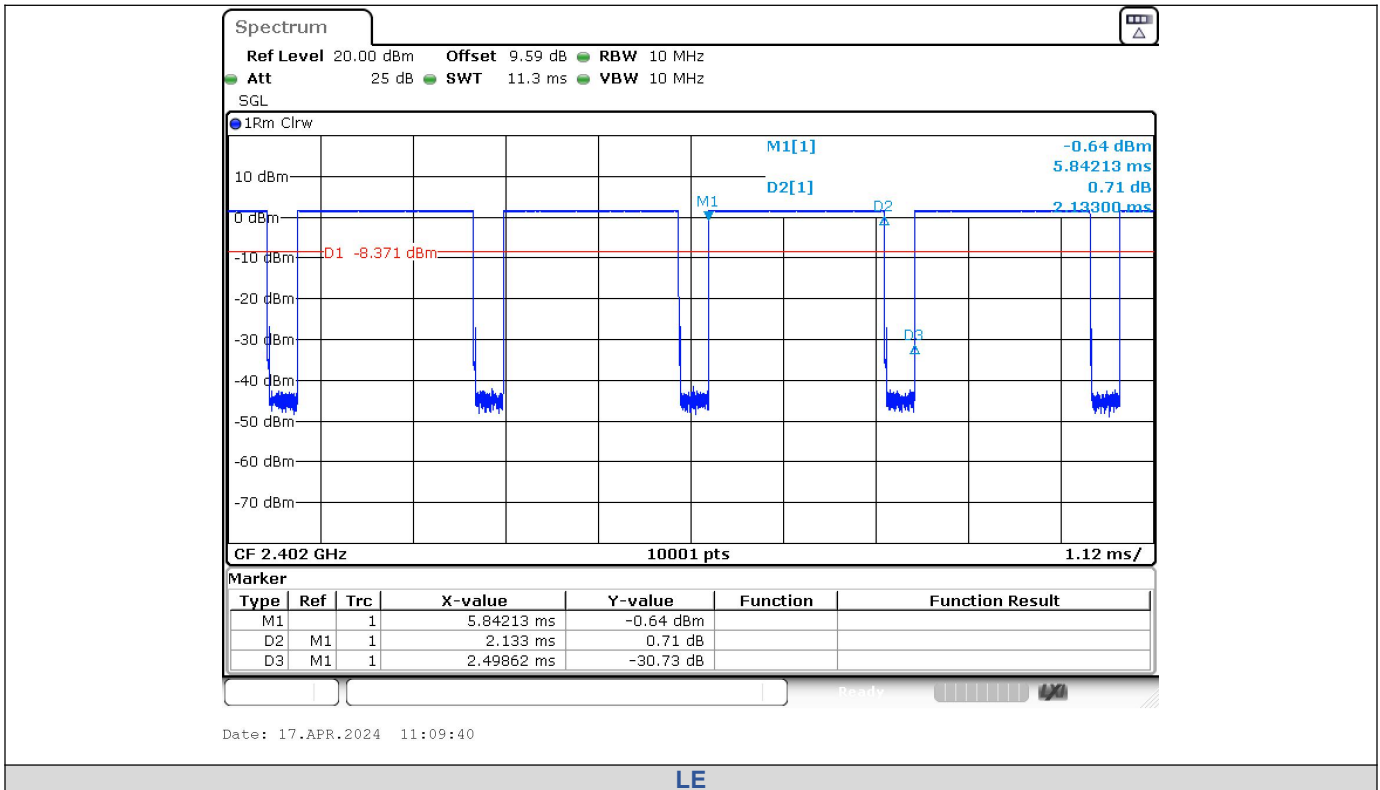
**Spurious Emission
LE_Channel 39**

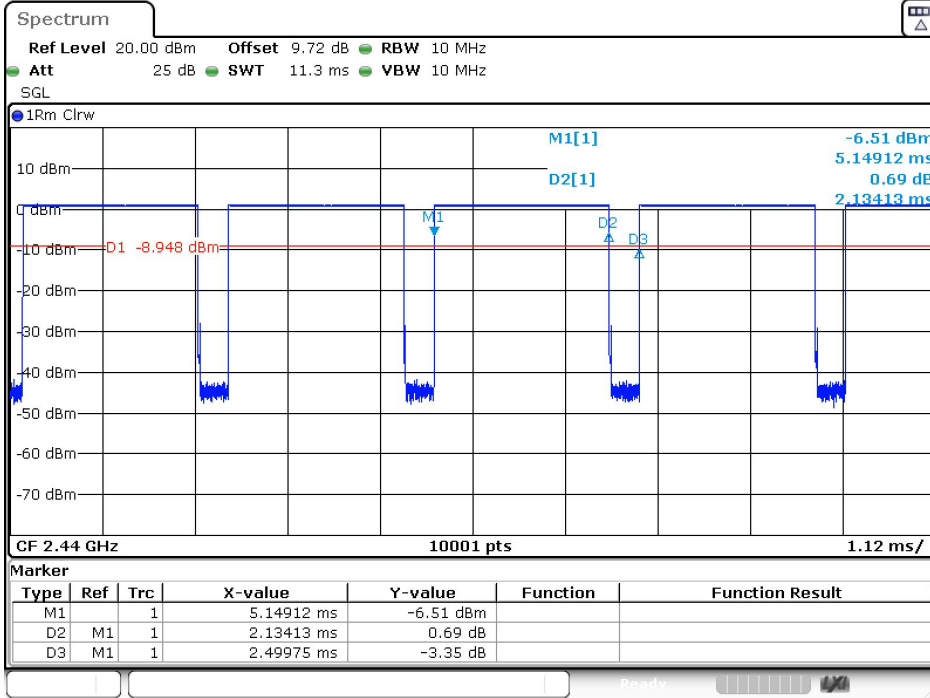
Duty Cycle

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	2.134	2.500	85.37	0.8537	0.6869	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47

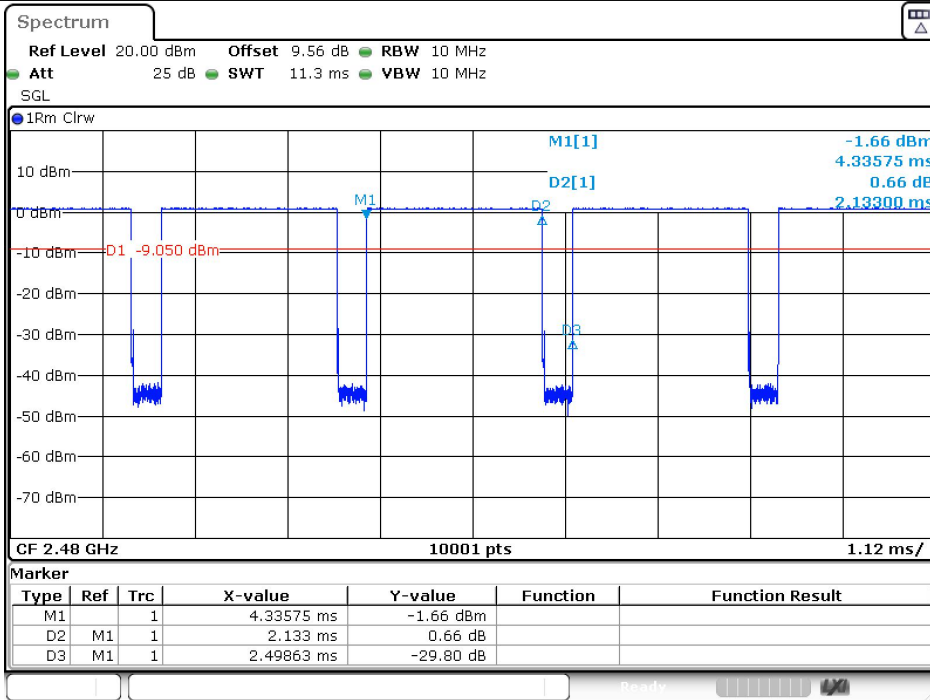
Test Graphs





Date: 17.APR.2024 11:12:45

LE



Date: 17.APR.2024 11:17:28

LE

Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-14.591	8	PASS
LE	19	-15.262	8	PASS
LE	39	-15.365	8	PASS

Test Graphs

