

Appendix B

Report No.:	CISRR24012915202
FCC ID:	2BEVZ-X5
Product Name:	soundbox with microphone
Model No.:	X5
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

Conducted Peak Output Power

Test Result

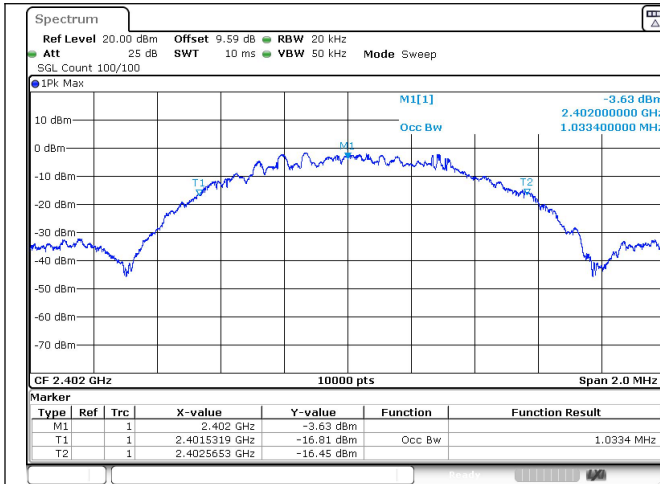
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	5.036	3.19	30	PASS
	19	5.095	3.23	30	PASS
	39	5.009	3.17	30	PASS

99% Bandwidth

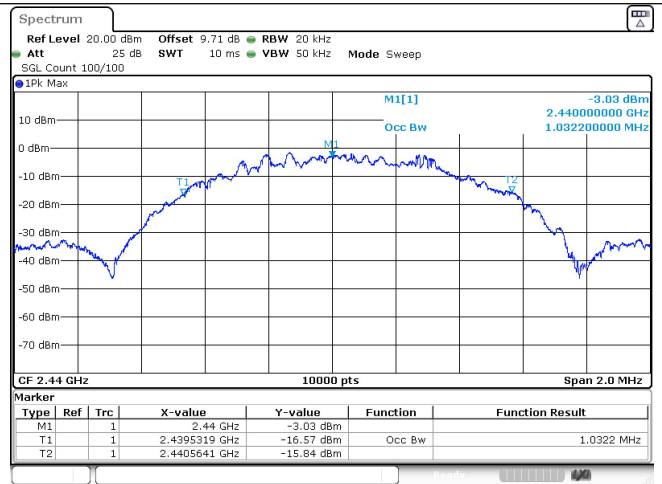
Test Result

Mode	Channel	99% BW (MHz)
LE	0	1.0330
LE	19	1.0320
LE	39	1.0310

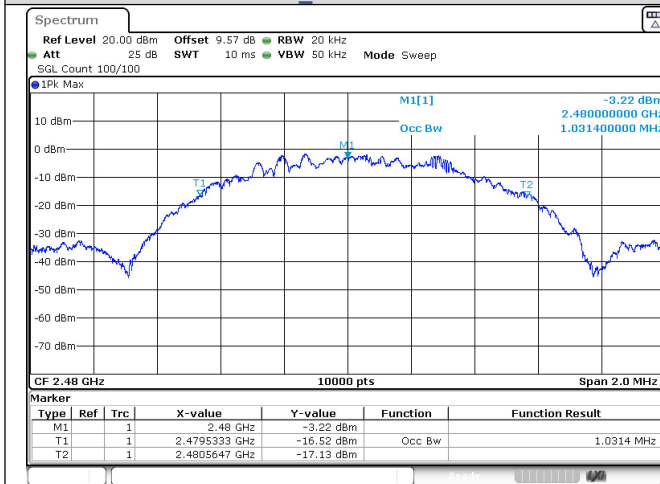
Test Graphs



LE_Channel 0



LE_Channel 19



LE_Channel 39

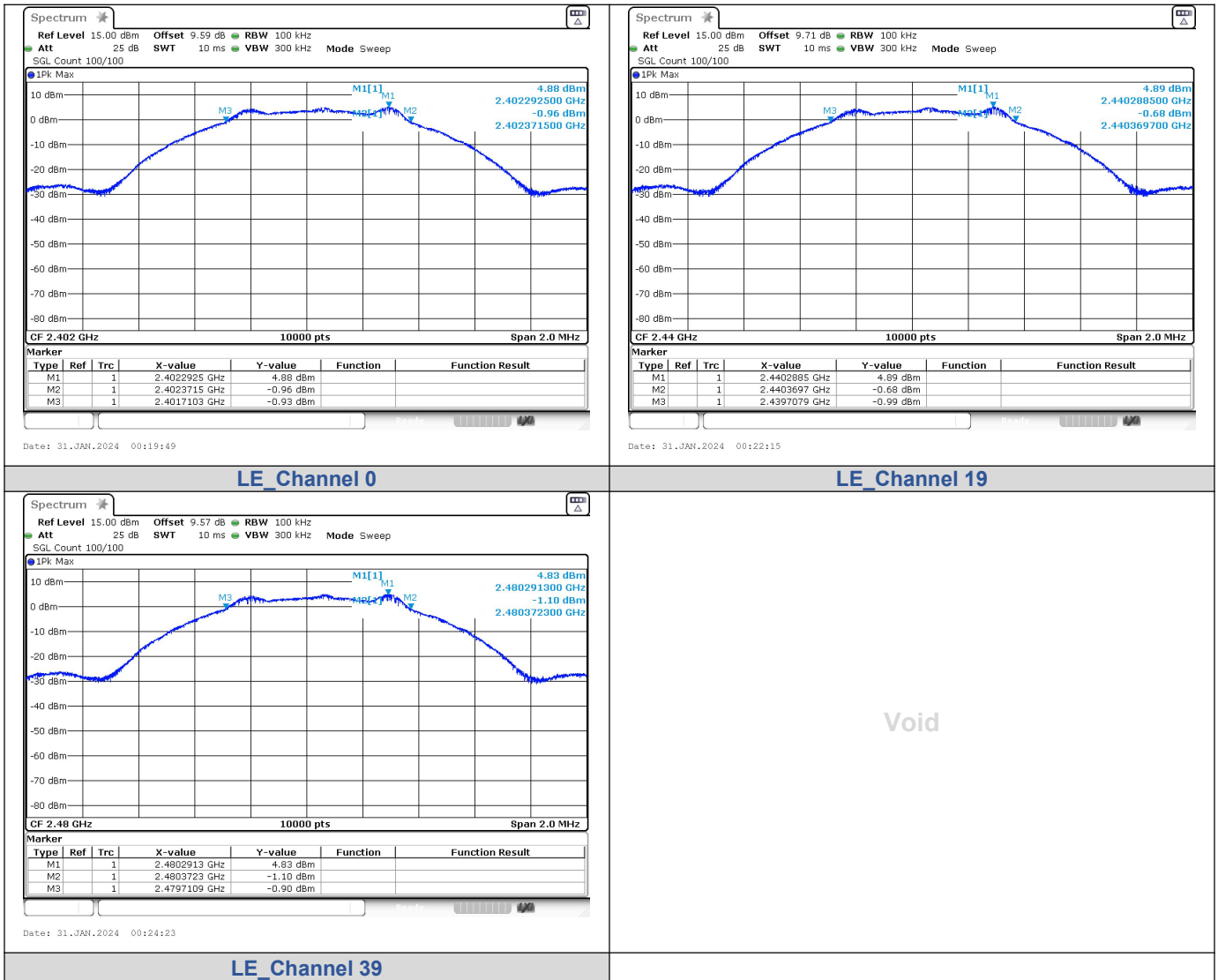
Void

6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
LE	0	2402	0.6600	0.5	PASS
	19	2440	0.6600		PASS
	39	2480	0.6600		PASS

Test Graphs

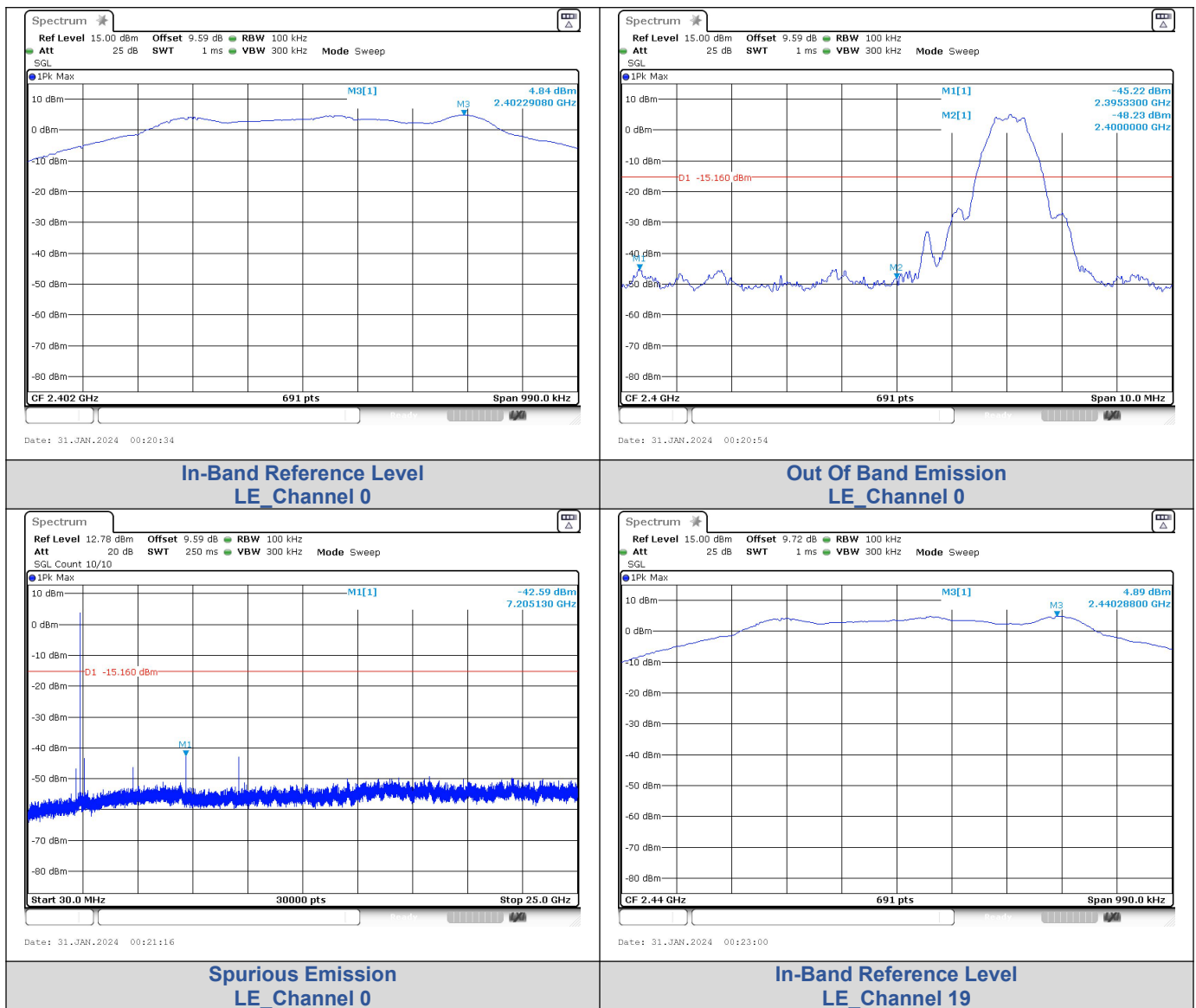


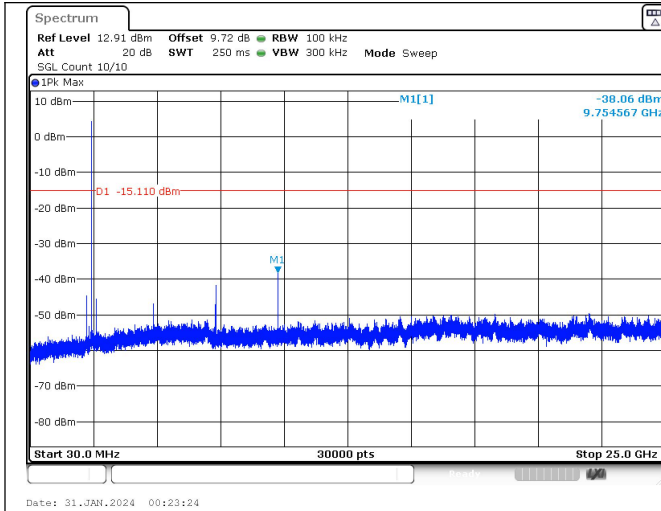
Conducted Out Of Band Emission

Test Result

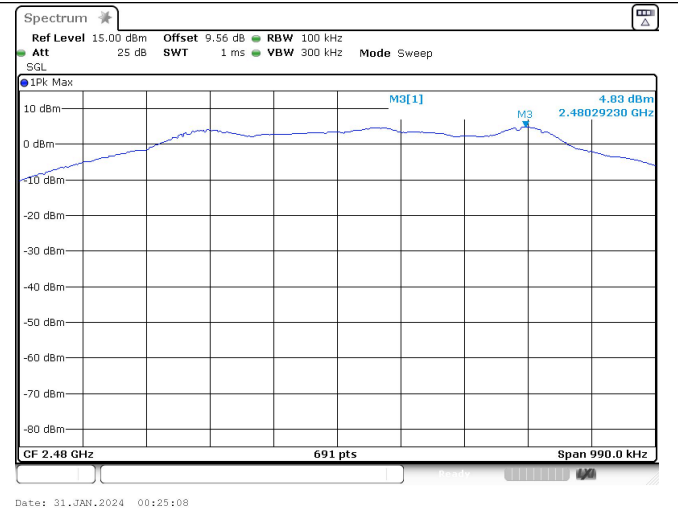
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-48.234	-15.16	-33.074	PASS
		2395.33	-45.221	-15.16	-30.061	PASS
		7205.10	-42.592	-15.16	-27.432	PASS
	19	9754.57	-38.060	-15.11	-22.950	PASS
	39	2483.50	-47.750	-15.17	-32.580	PASS
		9914.37	-40.800	-15.17	-25.630	PASS

Test Graphs

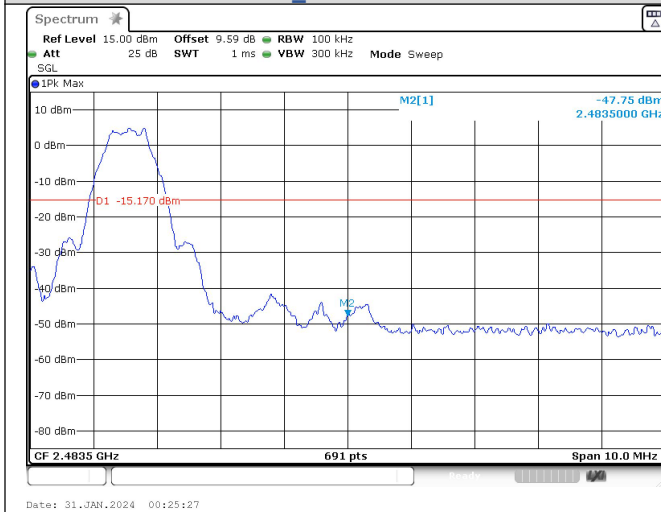




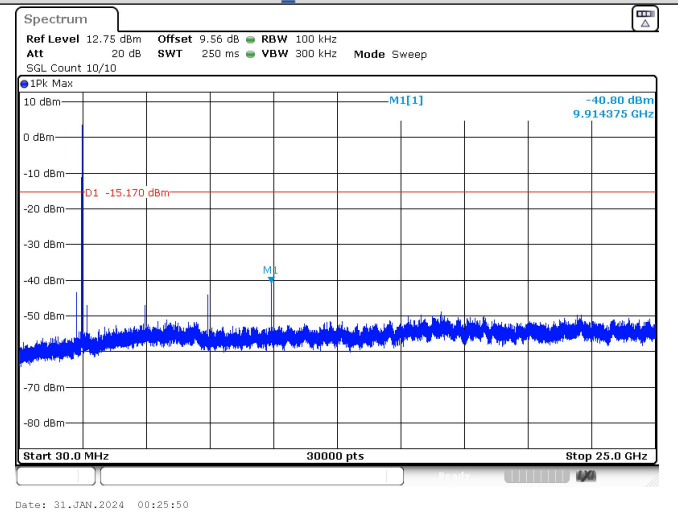
**Spurious Emissions
LE_Channel 19**



**In-Band Reference Level
LE_Channel 39**



**Out Of Band Emission
LE_Channel 39**



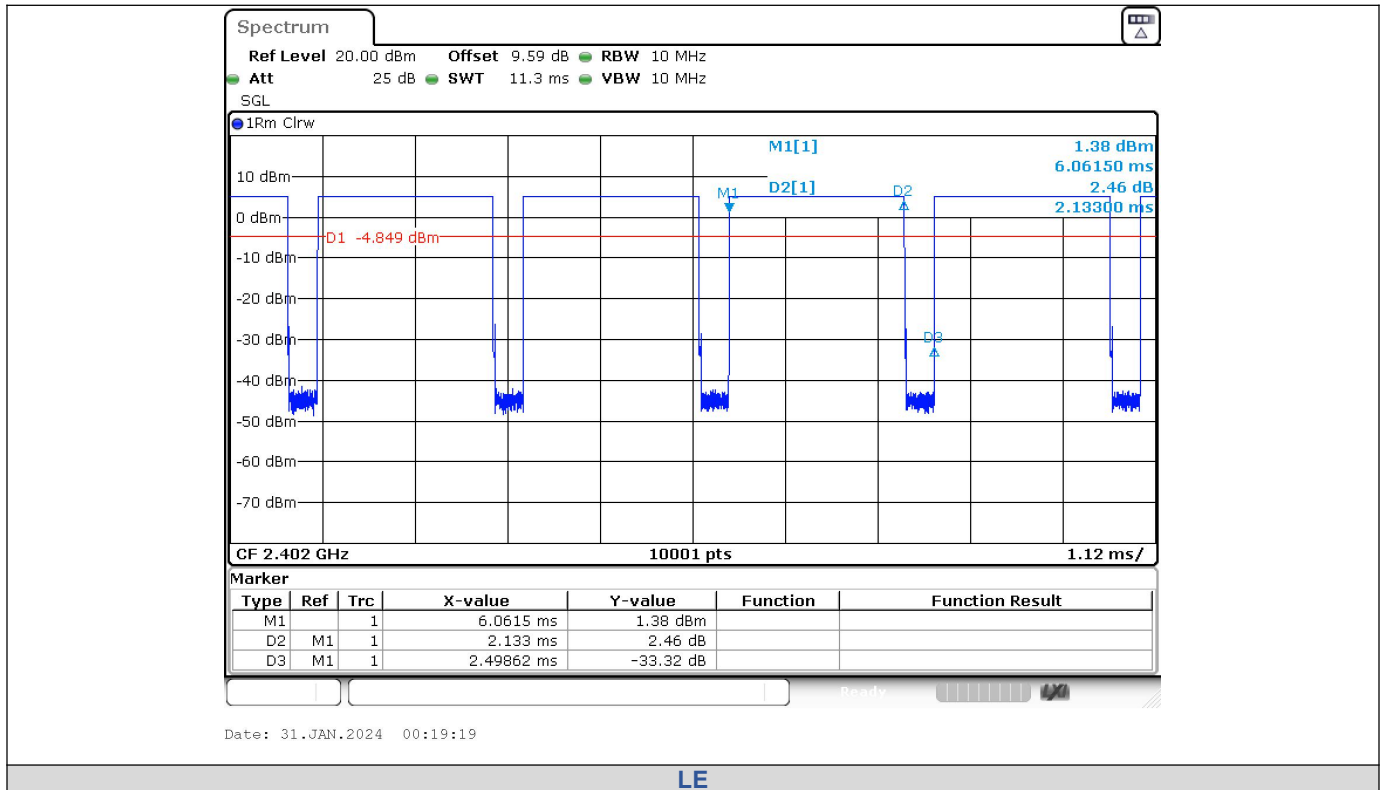
**Spurious Emission
LE_Channel 39**

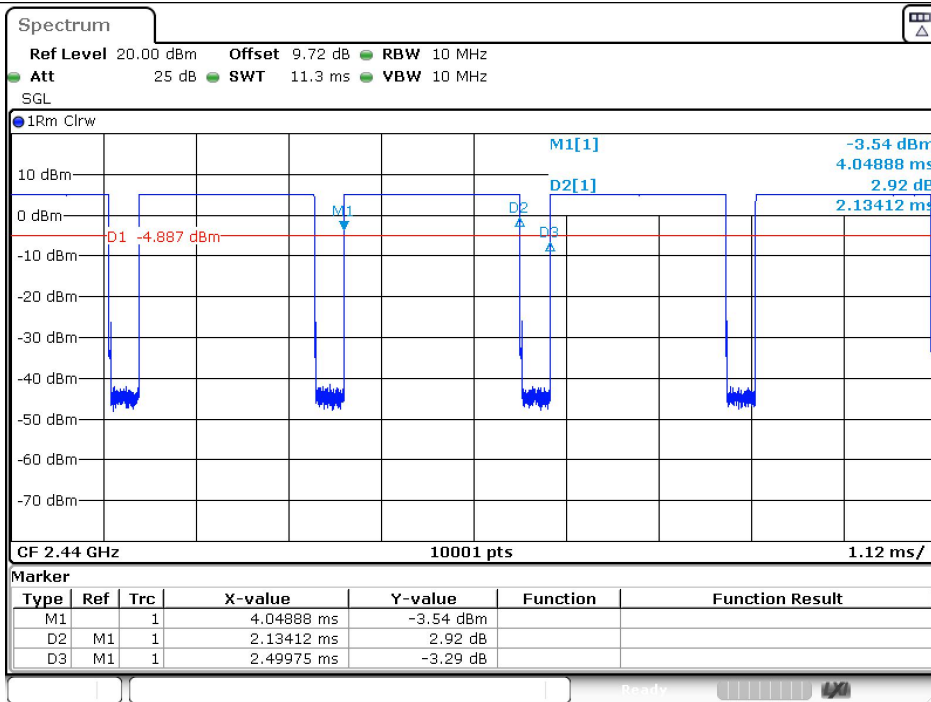
Duty Cycle

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

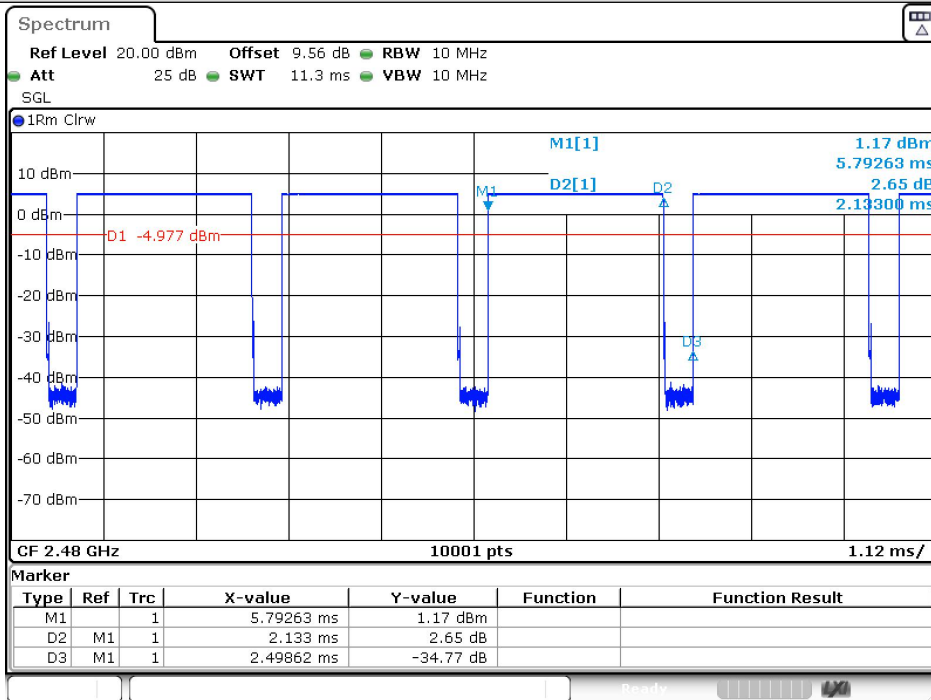
Test Graphs





Date: 31.JAN.2024 00:21:44

LE



Date: 31.JAN.2024 00:23:52

LE

Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-11.289	8	PASS
LE	19	-11.368	8	PASS
LE	39	-11.448	8	PASS

Test Graphs

