

# Appendix A

Report No.:	CISRR24040100901
FCC ID:	2BFQI-Q9
Product Name:	mouse
Model No.:	Q9
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

## 1) Conducted Peak Output Power

### Test Result

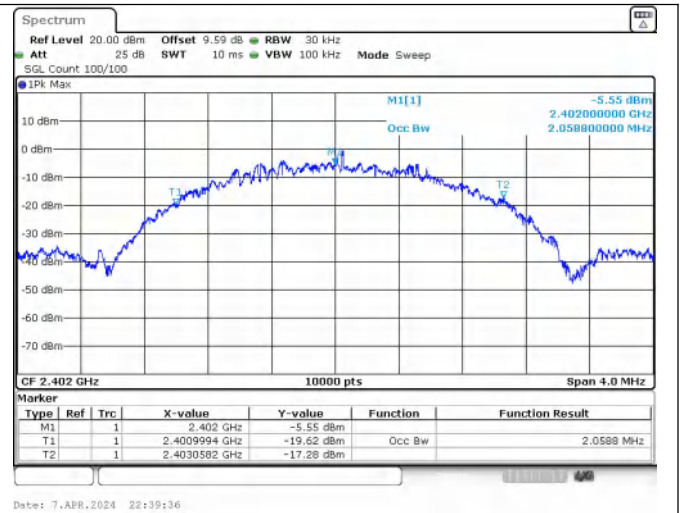
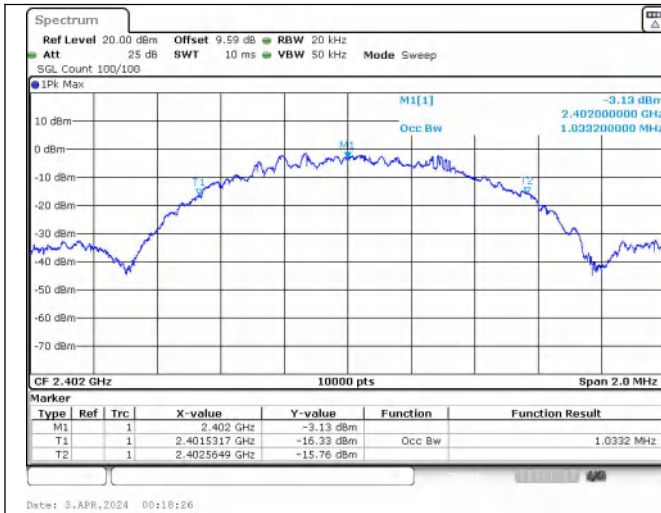
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	5.121	3.25	30	PASS
	19	5.210	3.32	30	PASS
	39	5.272	3.37	30	PASS
2LE	0	3.933	2.47	30	PASS
	19	4.003	2.51	30	PASS
	39	3.819	2.41	30	PASS

## 99% Bandwidth

### Test Result

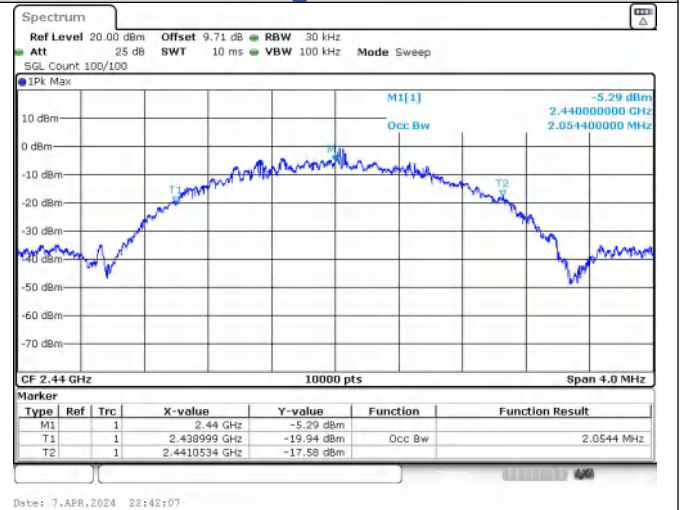
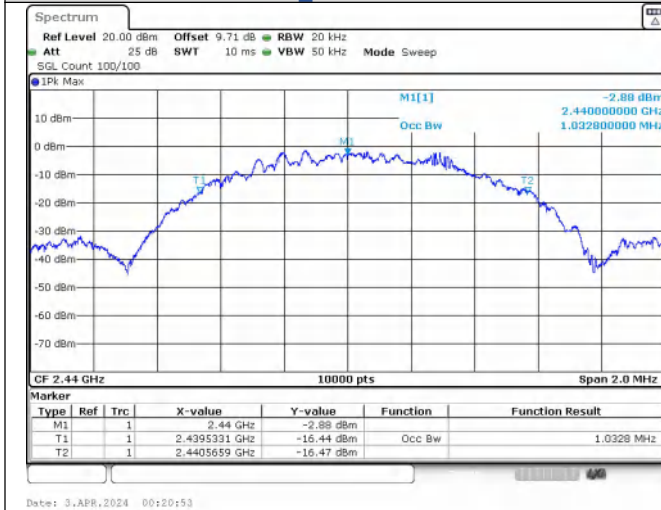
Mode	Channel	99% BW (MHz)
LE	0	1.0330
LE	19	1.0330
LE	39	1.0340
2LE	0	2.0590
2LE	19	2.0540
2LE	39	2.0520

### Test Graphs



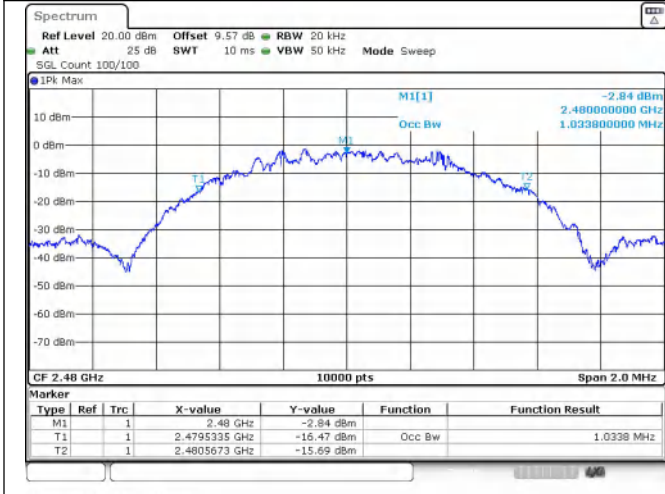
LE\_Channel 0

2LE\_Channel 0

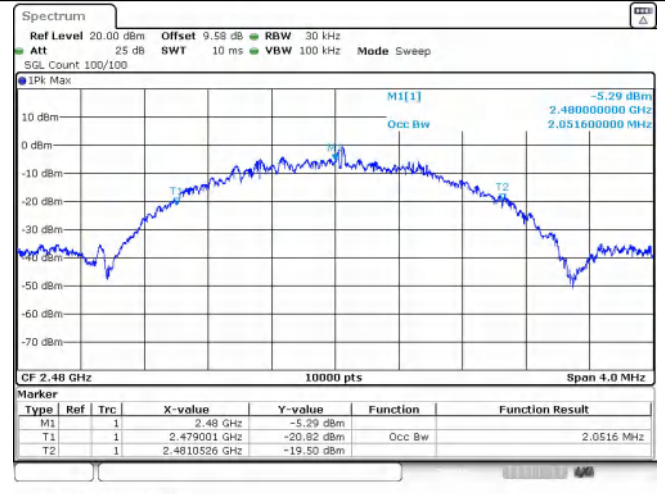


LE\_Channel 19

2LE\_Channel 19



LE\_Channel 39



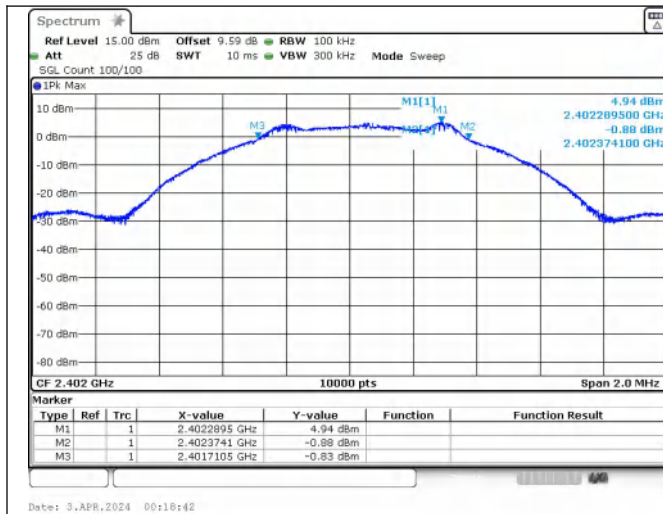
2LE\_Channel 39

## 6dB Bandwidth

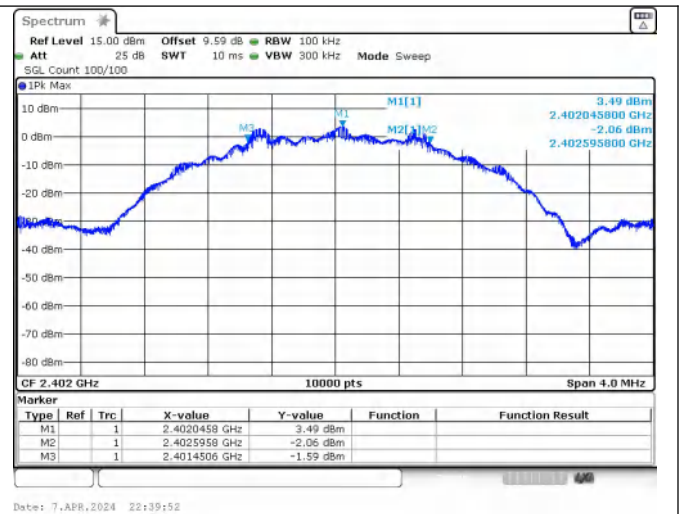
### Test Result

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
2LE	0	2402	1.150		PASS
	19	2440	1.160		PASS
	39	2480	1.150		PASS

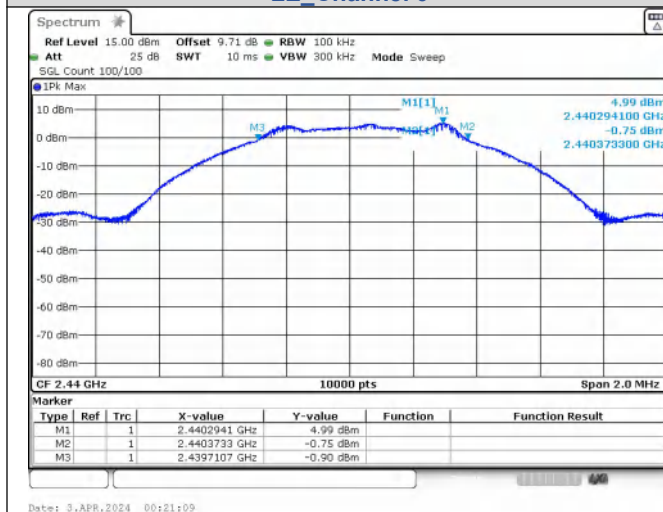
### Test Graphs



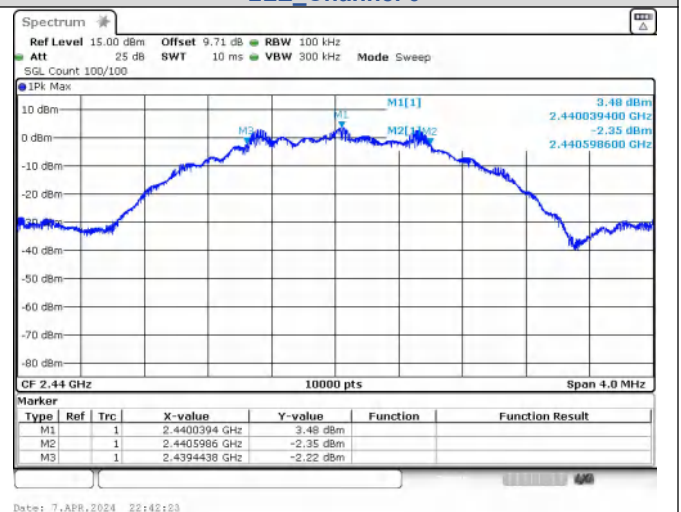
LE\_Channel 0



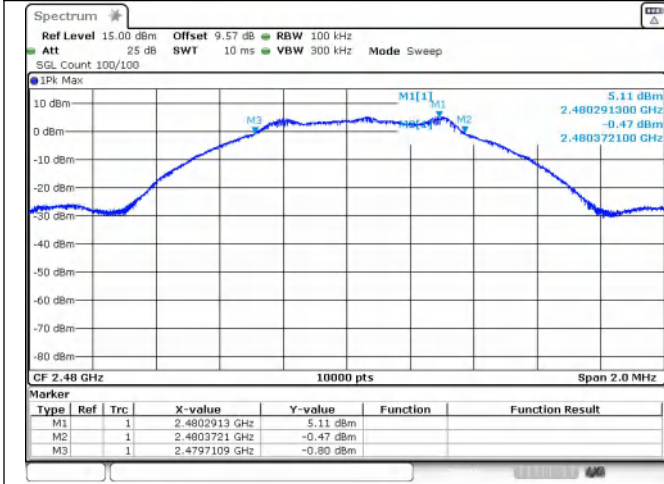
2LE\_Channel 0



LE\_Channel 19

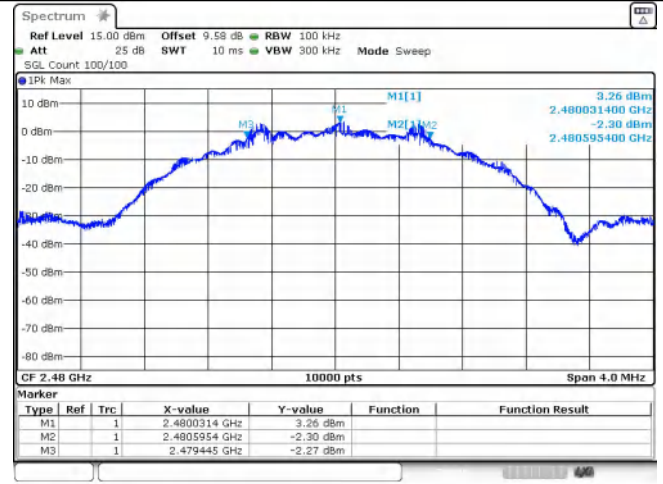


2LE\_Channel 19



Date: 3, APR, 2024 00:23:16

LE\_Channel 39



Date: 7, APR, 2024 22:44:37

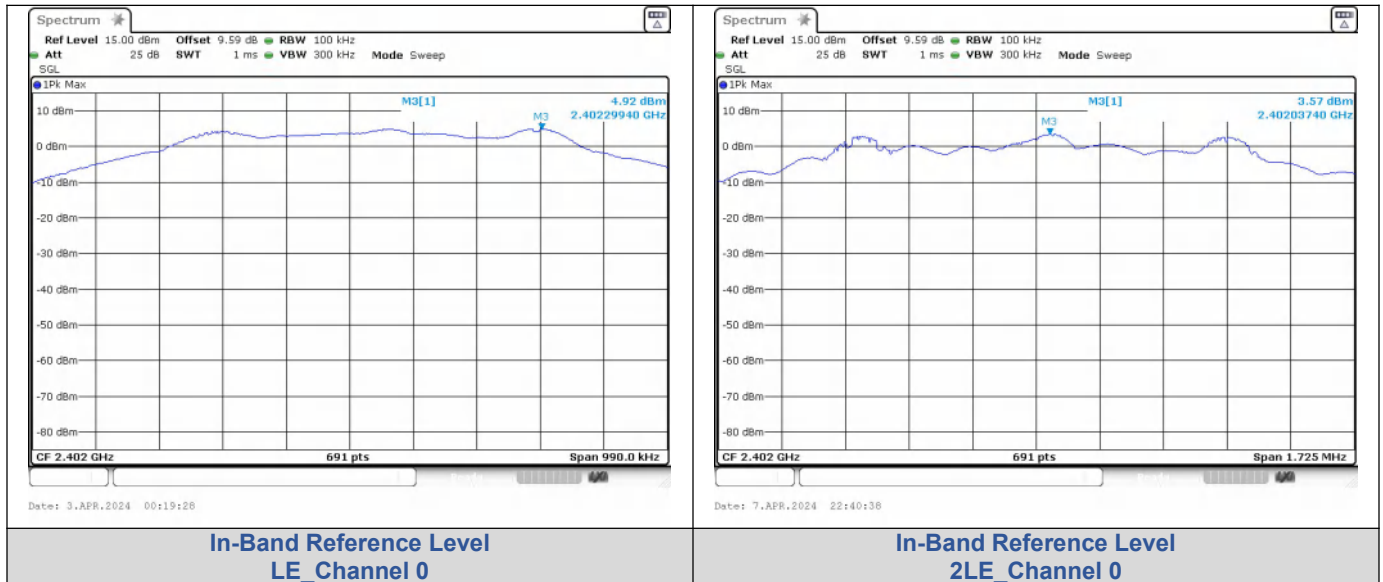
2LE\_Channel 39

## Conducted Out Of Band Emission

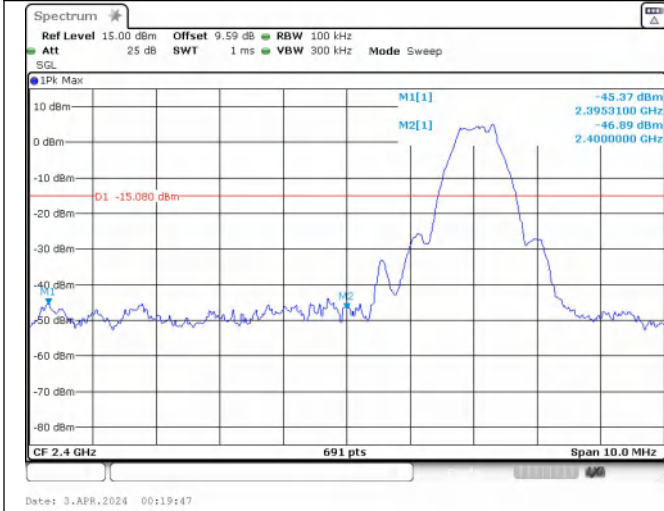
### Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-46.891	-15.08	-31.811	PASS
		2395.31	-45.374	-15.08	-30.294	PASS
		7206.80	-40.736	-15.08	-25.656	PASS
	19	9754.57	-38.069	-14.97	-23.099	PASS
		2483.50	-48.675	-14.89	-33.785	PASS
		9914.37	-38.911	-14.89	-24.021	PASS
2LE	0	2400.00	-29.411	-16.43	-12.981	PASS
		9602.25	-38.565	-16.43	-22.135	PASS
	19	9753.73	-39.514	-16.48	-23.034	PASS
		2483.50	-51.959	-16.64	-35.319	PASS
	39	9914.37	-39.339	-16.64	-22.699	PASS

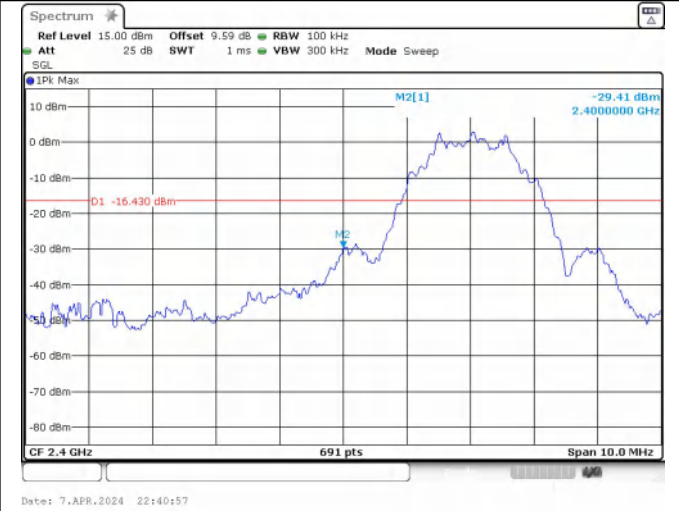
### Test Graphs



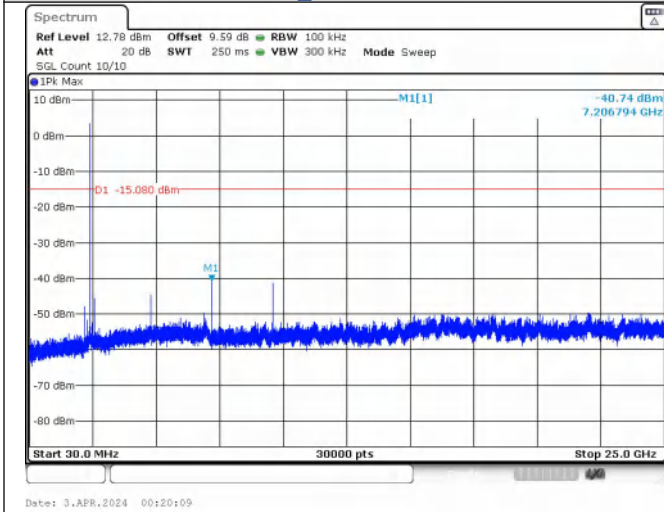




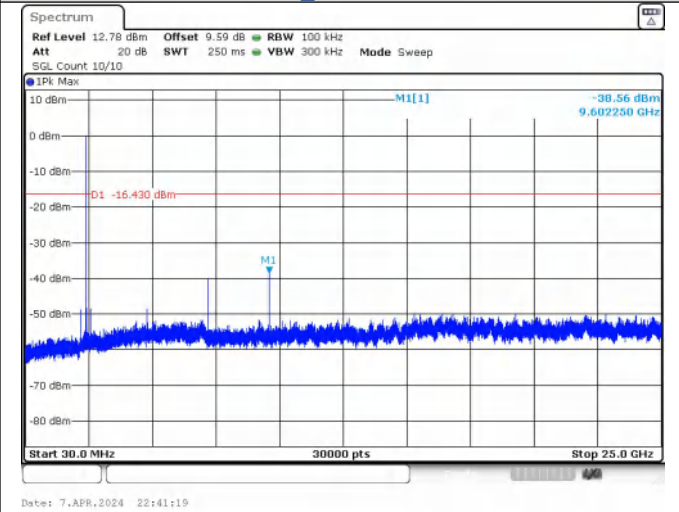
**Out Of Band Emission  
LE\_Channel 0**



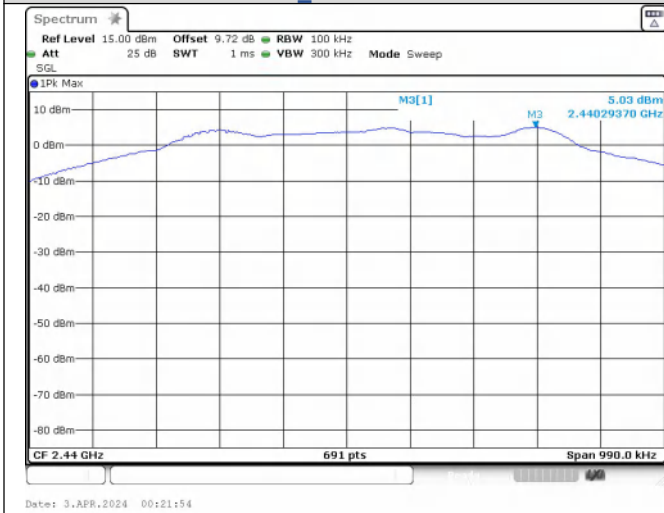
**Out Of Band Emission  
2LE\_Channel 0**



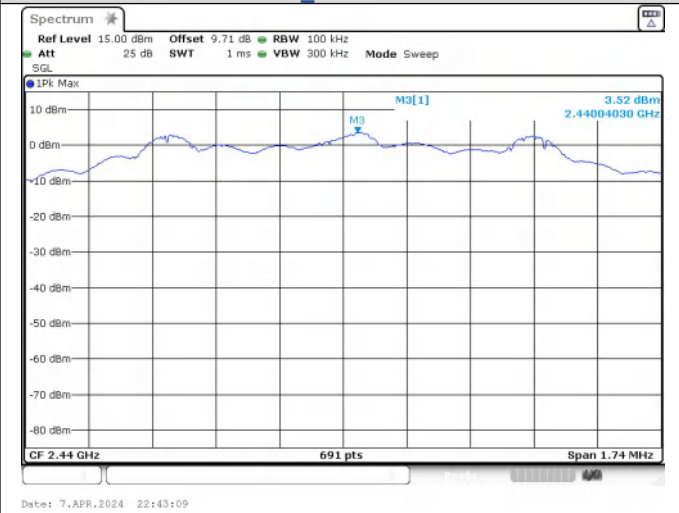
**Spurious Emission  
LE\_Channel 0**



**Spurious Emission  
2LE\_Channel 0**



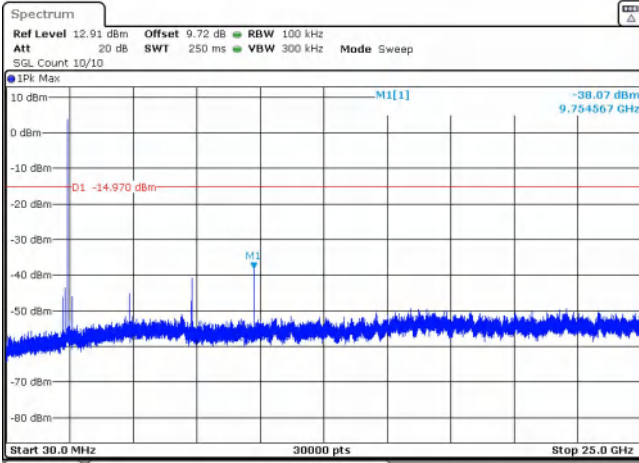
**In-Band Reference Level**



**In-Band Reference Level**

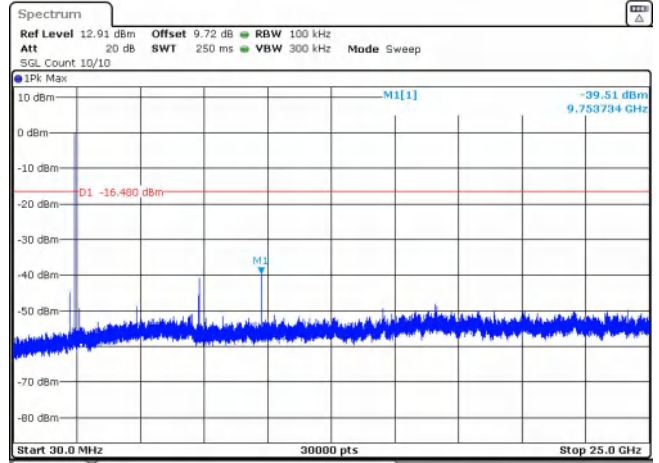


**LE\_Channel 19**



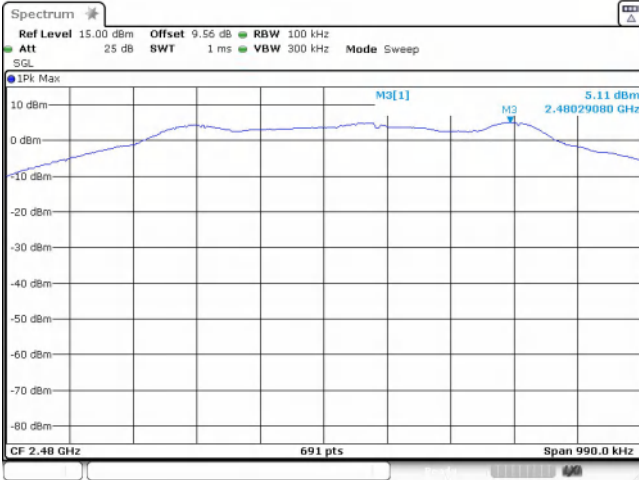
Date: 3.APR.2024 00:22:16

**2LE\_Channel 19**



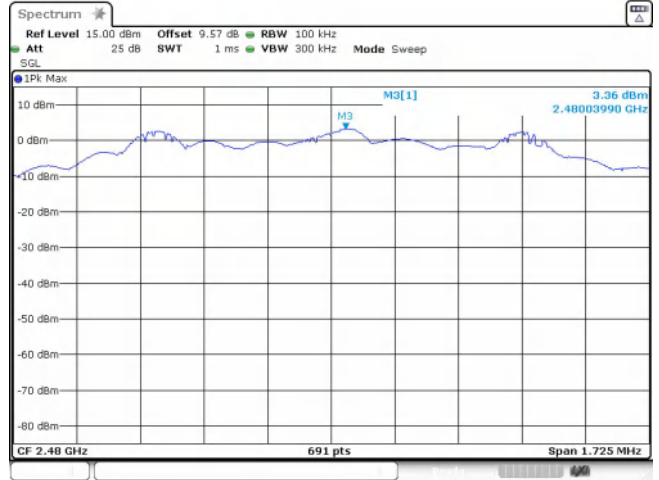
Date: 7.APR.2024 22:43:33

**Spurious Emissions  
LE\_Channel 19**



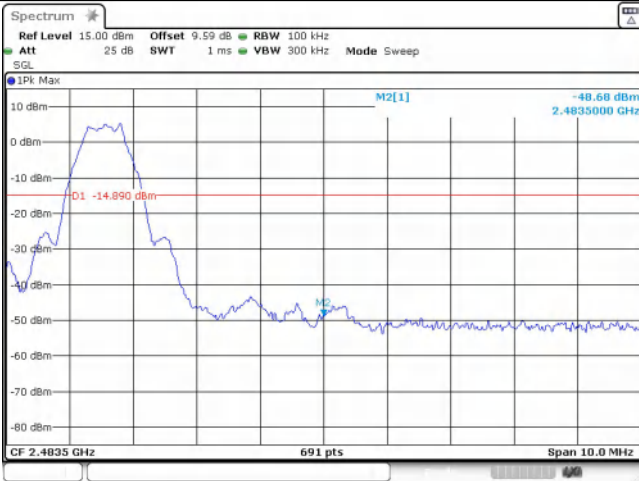
Date: 3.APR.2024 00:24:04

**Spurious Emissions  
2LE\_Channel 19**



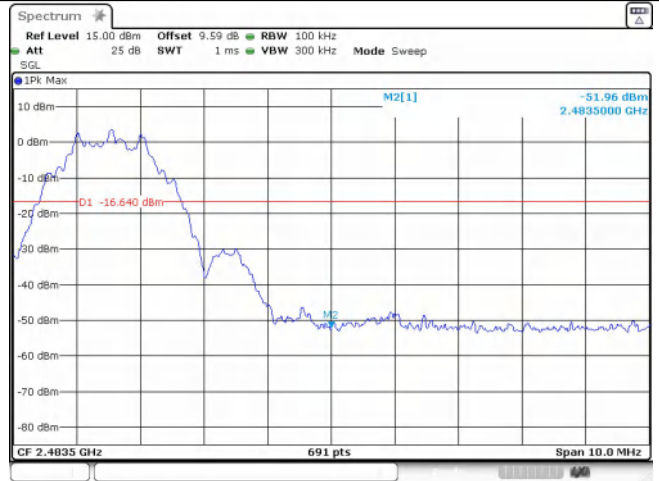
Date: 7.APR.2024 22:45:22

**In-Band Reference Level  
LE\_Channel 39**



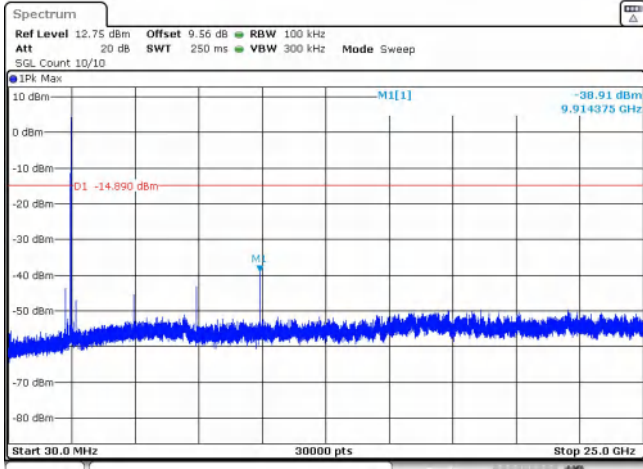
Date: 3.APR.2024 00:24:23

**In-Band Reference Level  
2LE\_Channel 39**



Date: 7.APR.2024 22:45:42

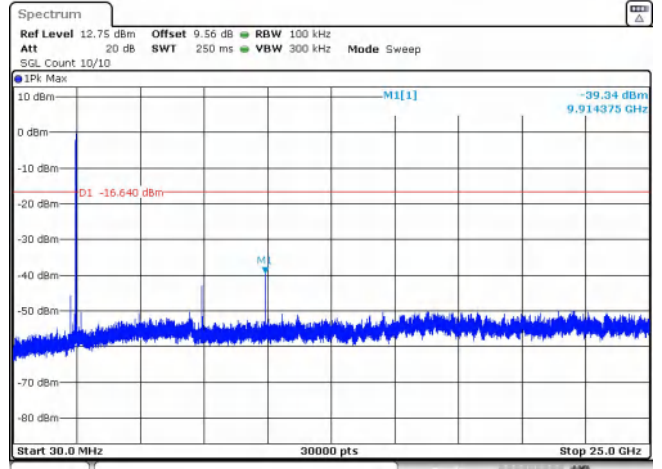
**Out Of Band Emission  
LE\_Channel 39**



Date: 3.APR.2024 00:24:45

**Spurious Emission  
LE\_Channel 39**

**Out Of Band Emission  
2LE\_Channel 39**



Date: 7.APR.2024 22:46:04

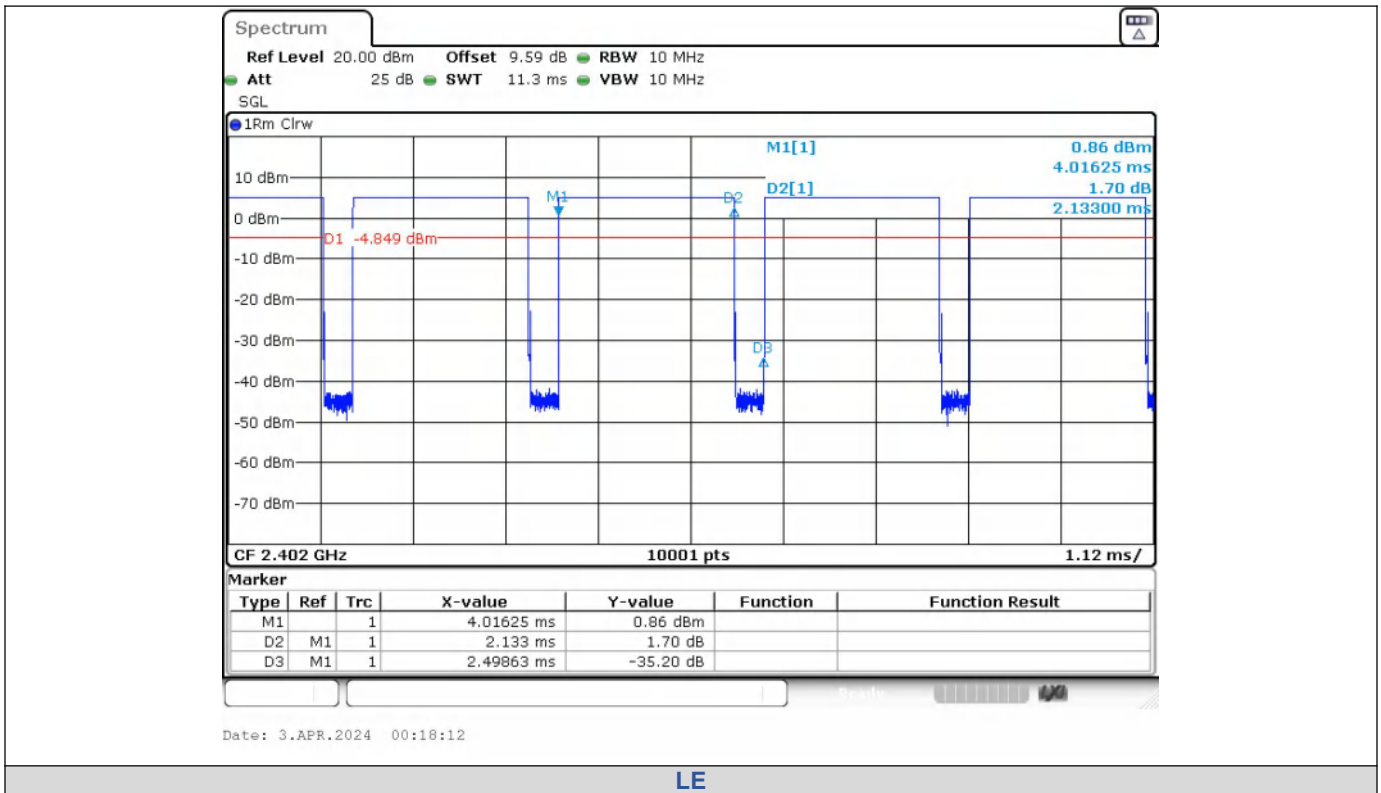
**Spurious Emission  
2LE\_Channel 39**

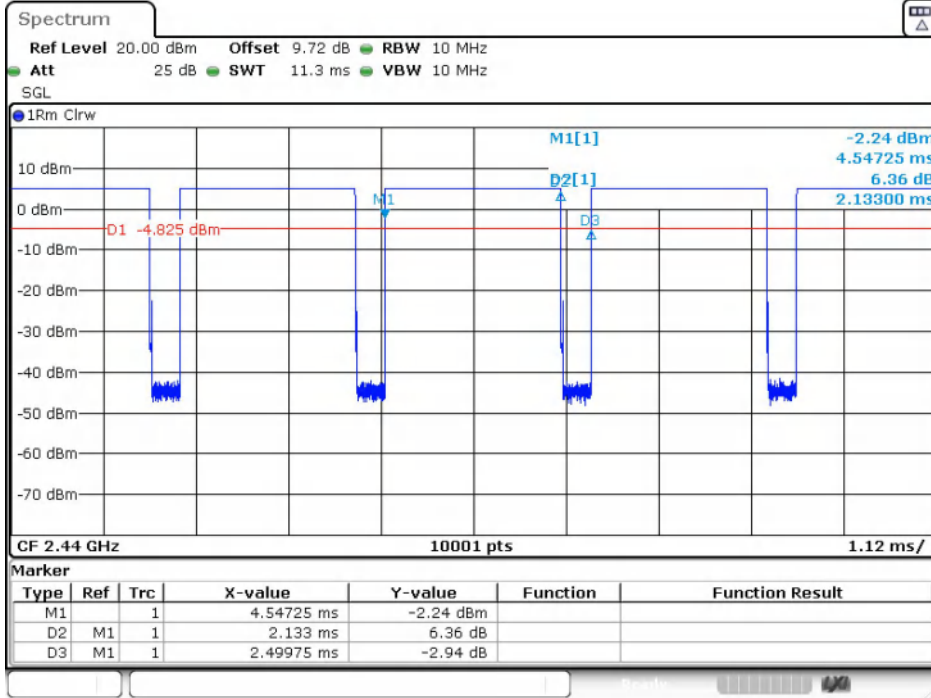
## Duty Cycle

### 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	2.133	2.500	85.33	0.8533	0.689	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47
2LE	0	1.081	2.499	43.27	0.4327	3.6381	0.93
	19	1.081	2.499	43.27	0.4327	3.6381	0.93
	39	1.082	2.499	43.31	0.4331	3.6341	0.92

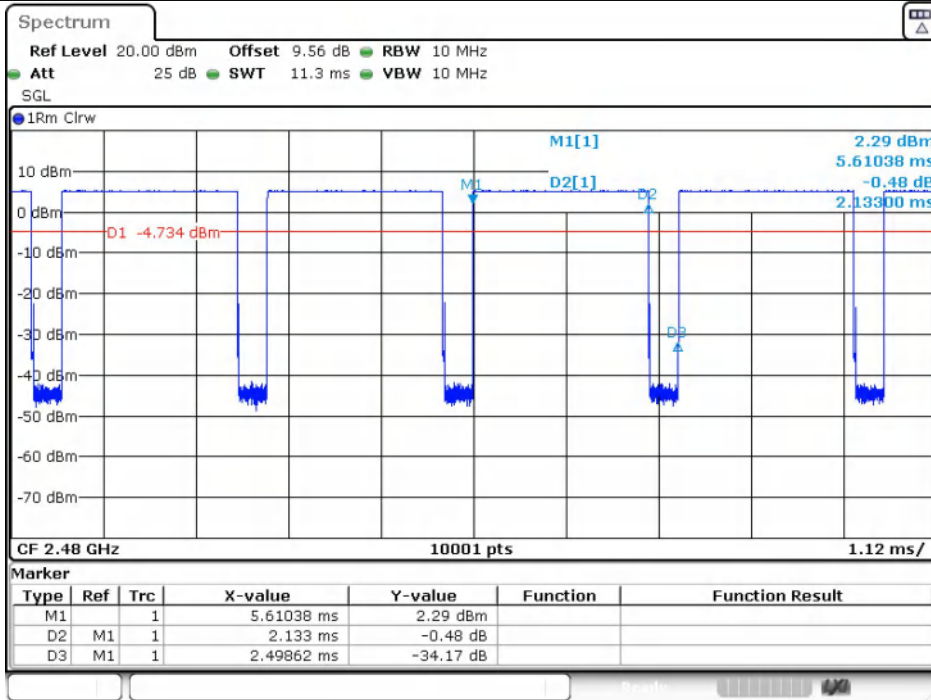
### Test Graphs





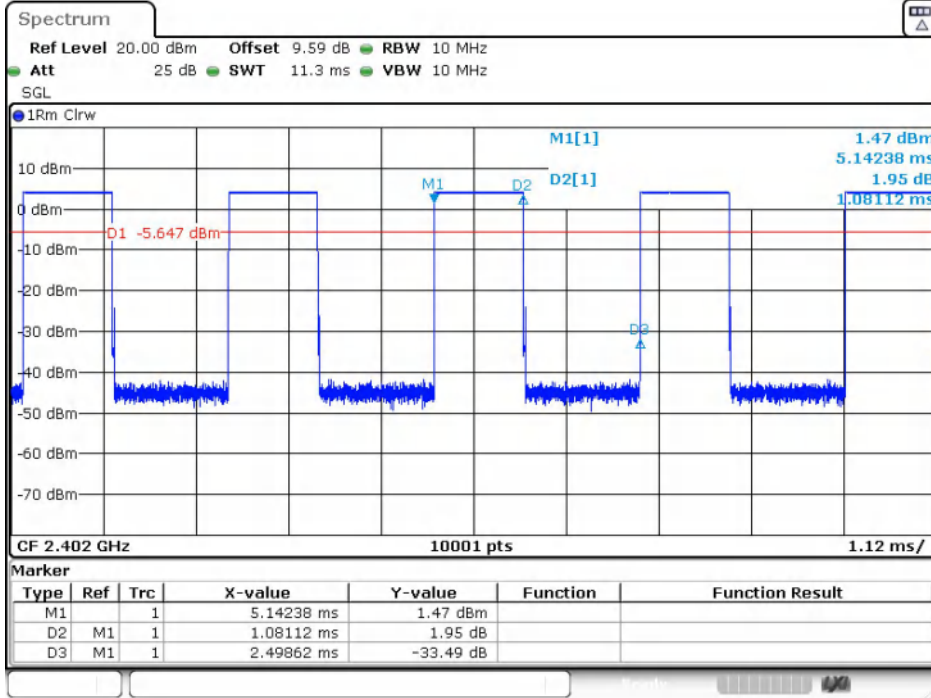
Date: 3.APR.2024 00:20:39

LE



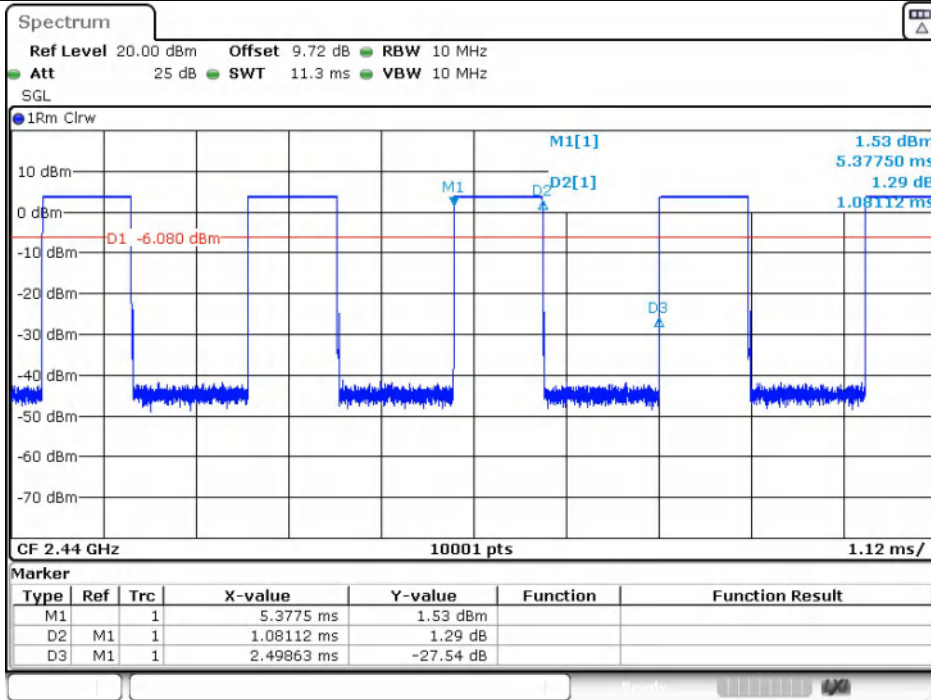
Date: 3.APR.2024 00:22:48

LE



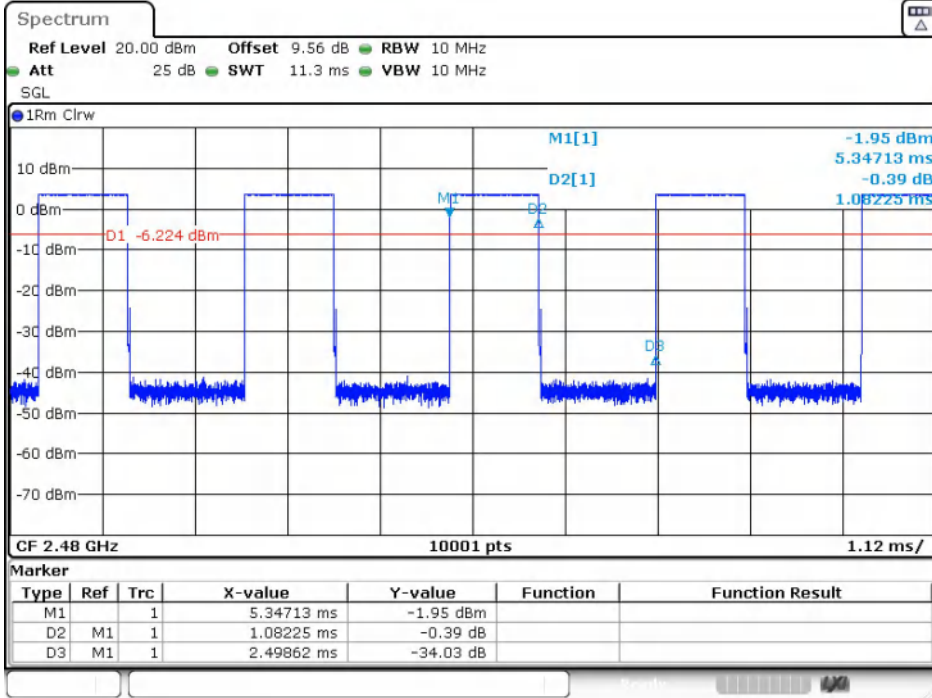
Date: 7.APR.2024 22:39:22

2LE



Date: 7.APR.2024 22:41:53

2LE



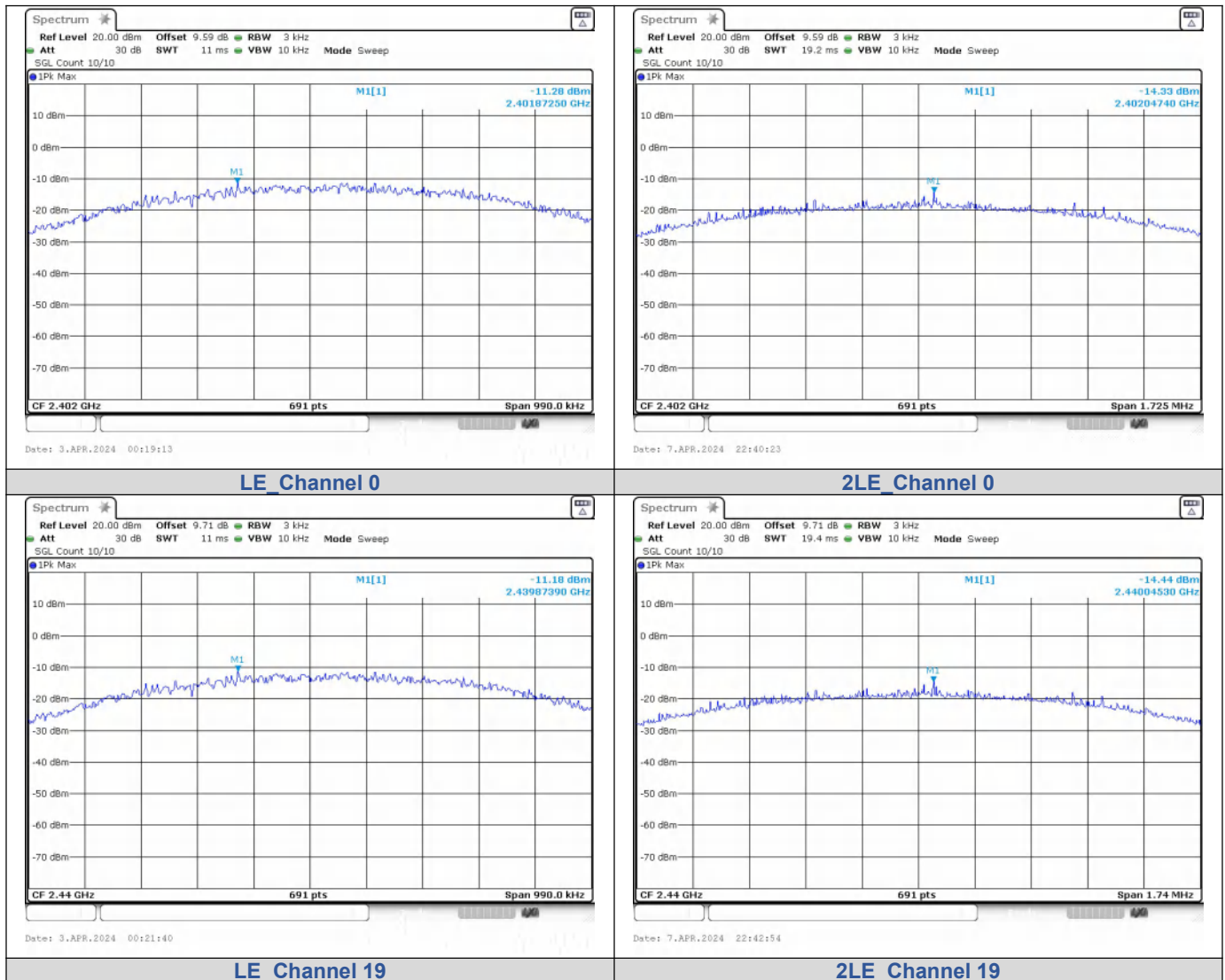
Date: 7.APR.2024 22:44:07

## Power Spectral Density

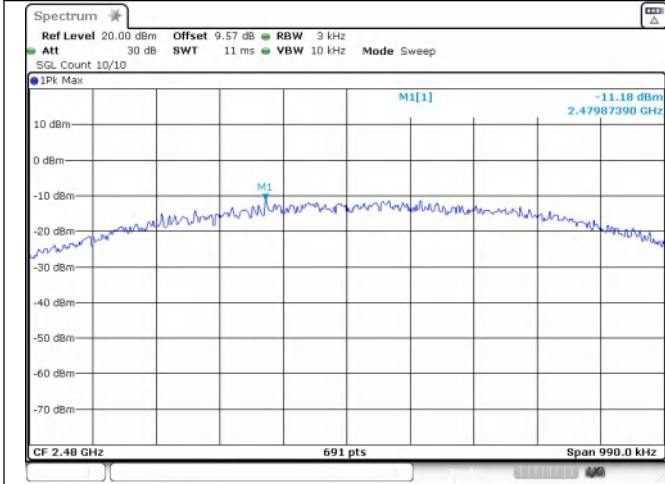
### Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-11.282	8	PASS
LE	19	-11.178	8	PASS
LE	39	-11.185	8	PASS
2LE	0	-14.327	8	PASS
2LE	19	-14.441	8	PASS
2LE	39	-14.476	8	PASS

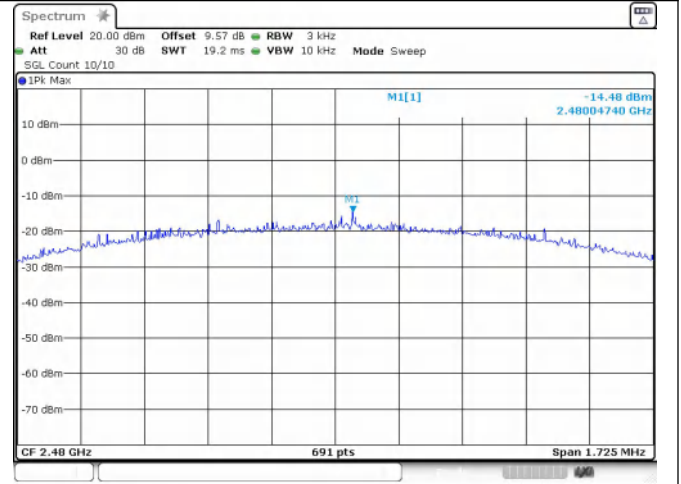
### Test Graphs







LE\_Channel 39



2LE\_Channel 39