

## Appendix A

Report No.:	CISRR24041912801
FCC ID:	2BBW8-IKF-T3
Product Name:	Wireless Headphones
Model No.:	iKF-T3
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

## 1) Conducted Peak Output Power

### Test Result

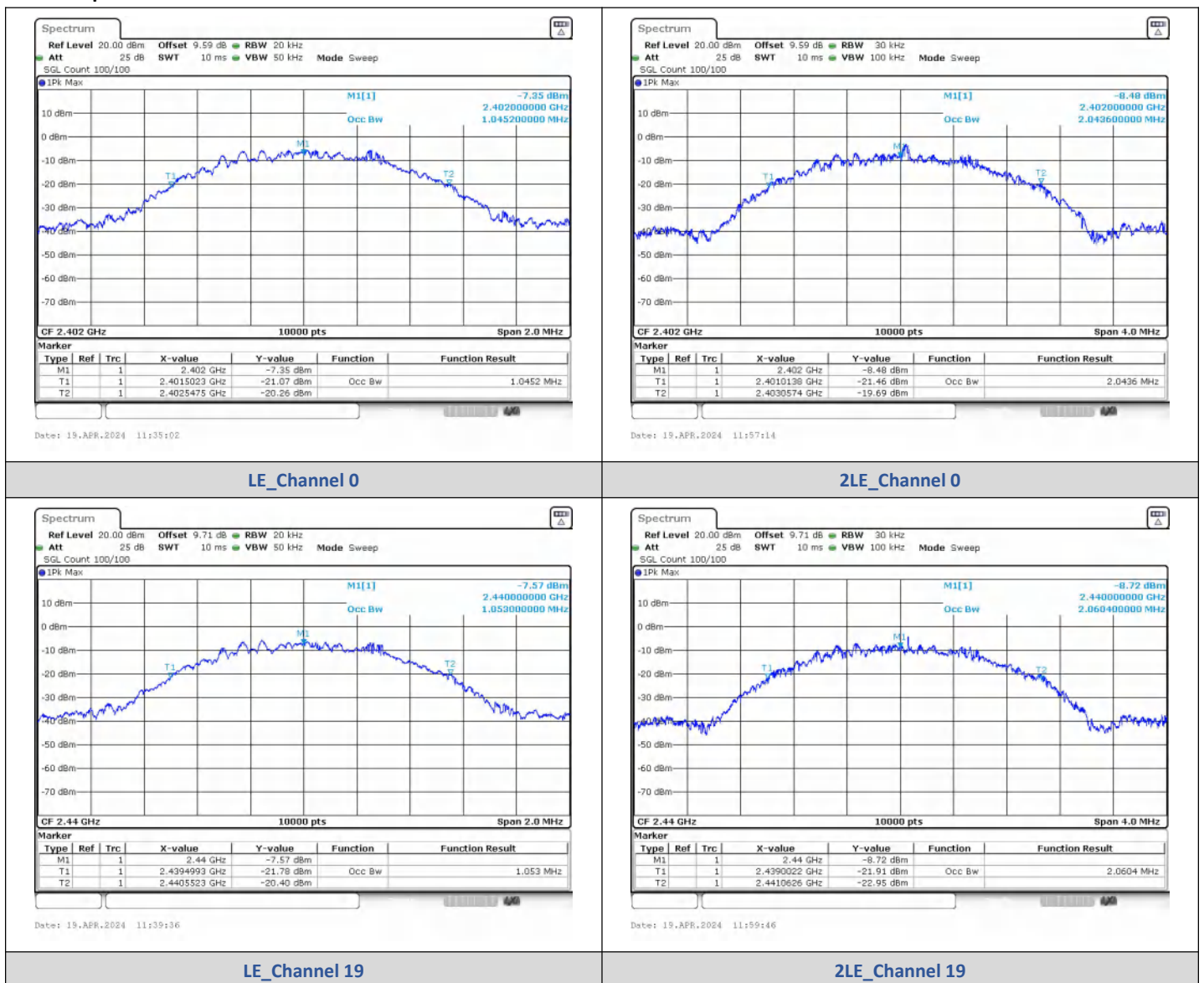
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	1.435	1.39	30	PASS
	19	1.510	1.42		PASS
	39	1.002	1.26		PASS
2LE	0	0.848	1.22		PASS
	19	0.927	1.24		PASS
	39	1.050	1.27		PASS

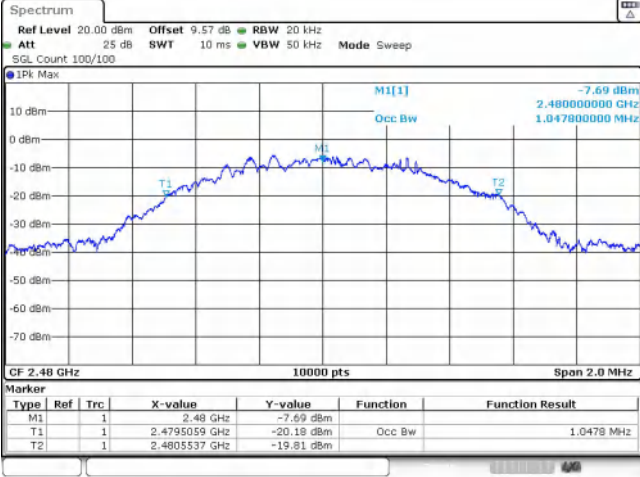
## 2) 99% Bandwidth

### Test Result

Mode	Channel	99% BW (MHz)
LE	0	1.0450
LE	19	1.0530
LE	39	1.0480
2LE	0	2.0440
2LE	19	2.0600
2LE	39	2.0520

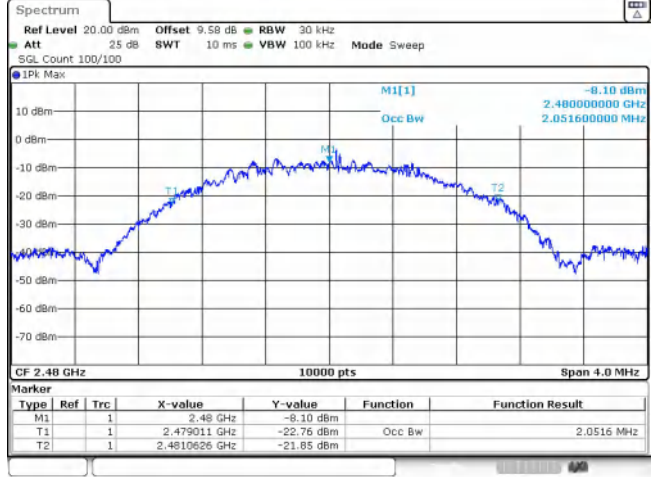
### Test Graphs





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LE\_Channel 39



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2LE\_Channel 39

### 3) 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	0.6600		PASS
	39	2480	0.6700		PASS
2LE	0	2402	1.160		PASS
	19	2440	1.160		PASS
	39	2480	1.140		PASS

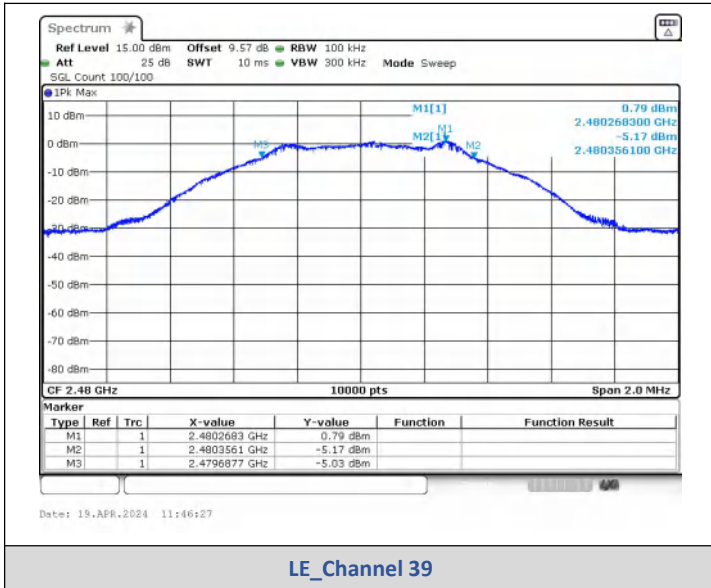
**Test Graphs**

**LE\_Channel 0**

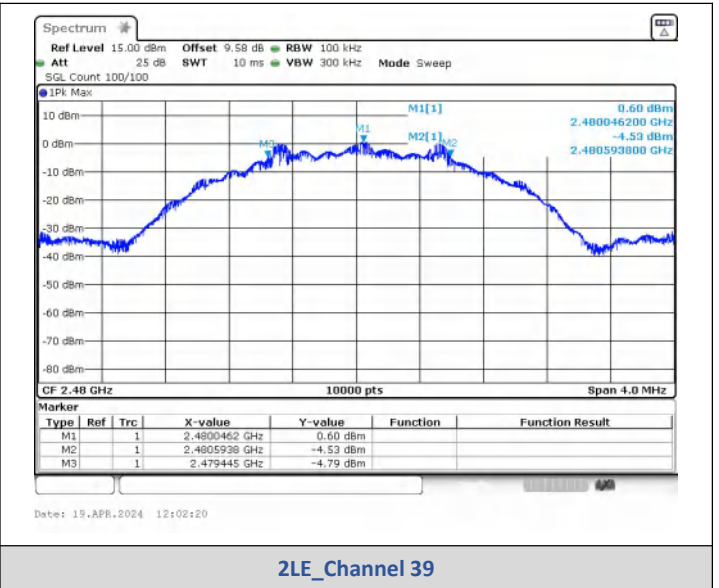
**2LE\_Channel 0**

**LE\_Channel 19**

**2LE\_Channel 19**



LE\_Channel 39



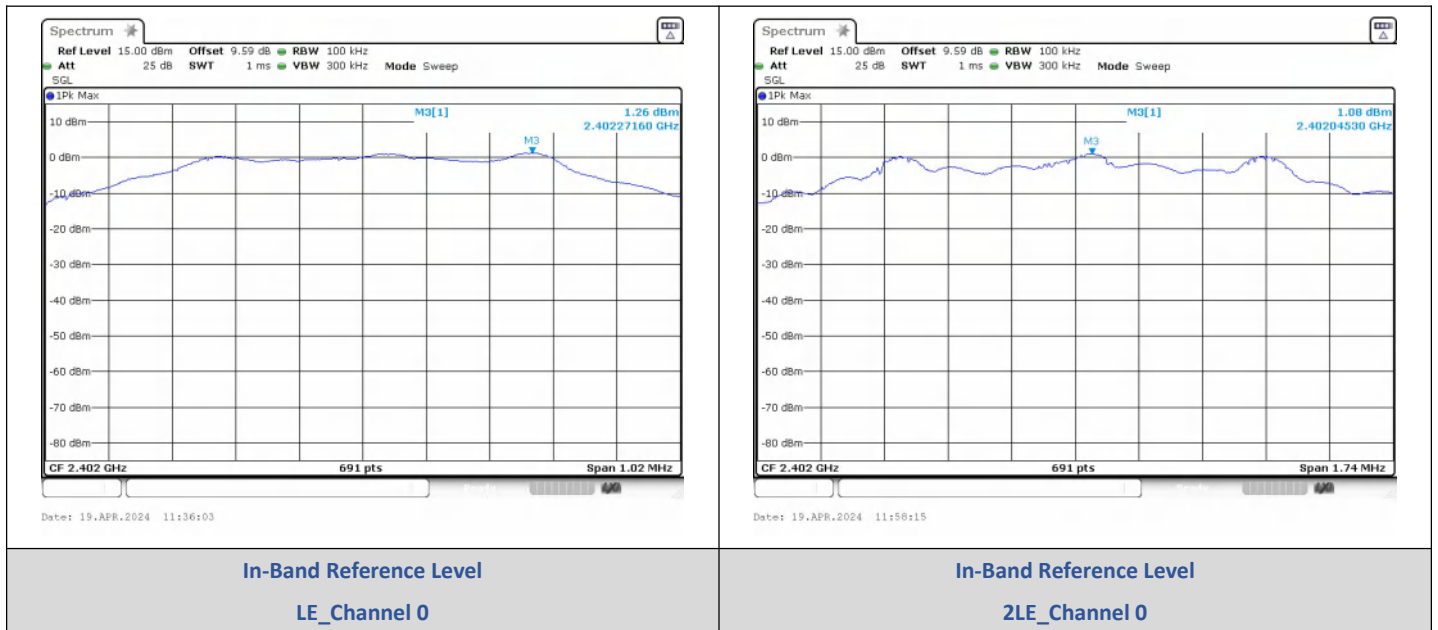
2LE\_Channel 39

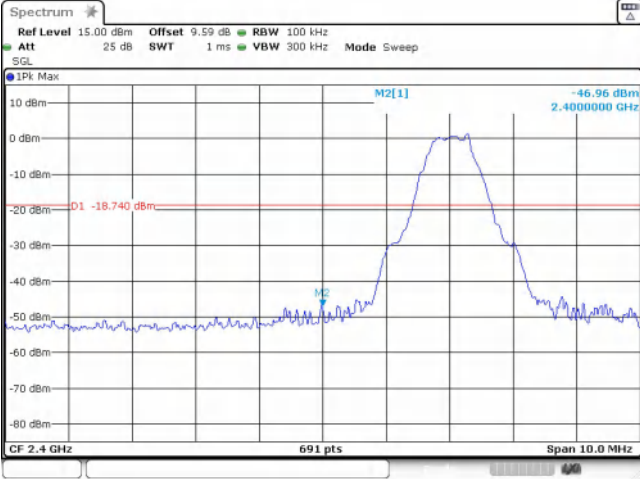
## 4) Conducted Out Of Band Emission

### Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-46.959	-18.74	-28.219	PASS
		7205.13	-42.271	-18.74	-23.531	PASS
	19	9760.39	-41.347	-19.33	-22.017	PASS
		2483.50	-53.349	-19.23	-34.119	PASS
		9920.20	-40.702	-19.23	-21.472	PASS
2LE	0	2400.00	-33.440	-18.92	-14.520	PASS
		7204.30	-39.446	-18.92	-20.526	PASS
	19	9760.39	-41.590	-19.47	-22.120	PASS
		2483.50	-53.024	-19.38	-33.644	PASS
		9920.20	-40.697	-19.38	-21.317	PASS

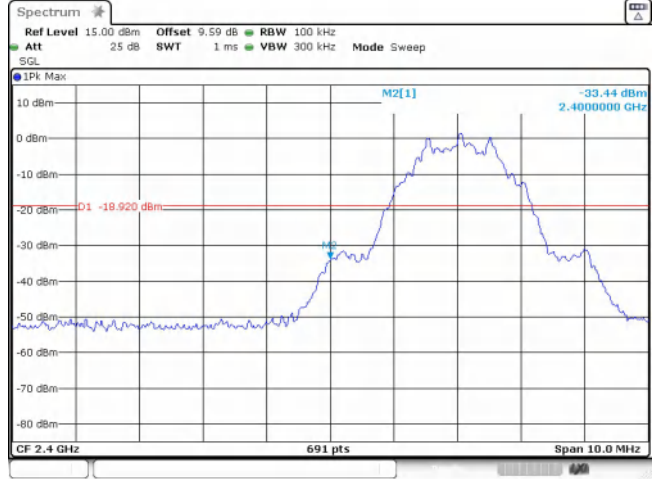
### Test Graphs





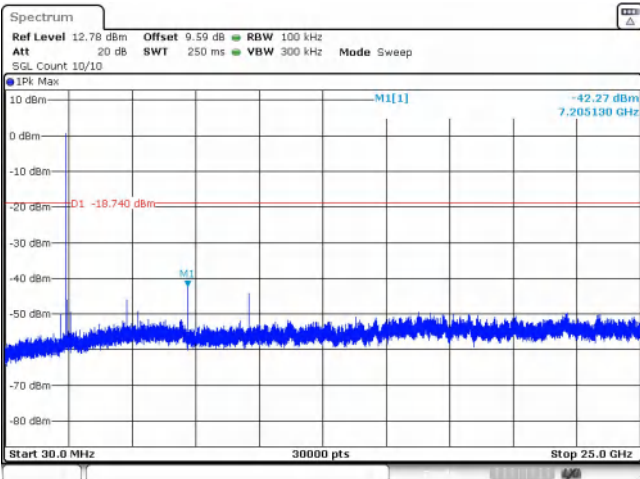
Date: 19.APR.2024 11:36:22

Out Of Band Emission  
LE\_Channel 0



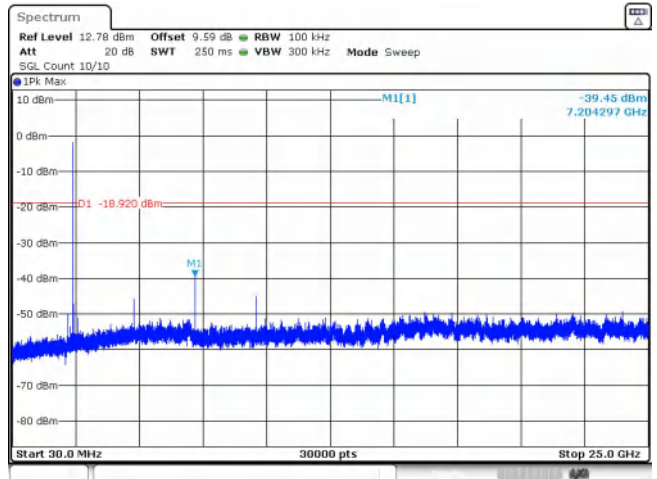
Date: 19.APR.2024 11:50:34

Out Of Band Emission  
2LE\_Channel 0



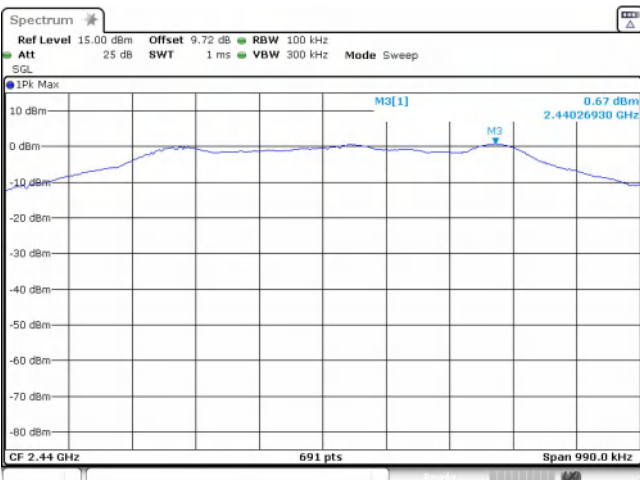
Date: 19.APR.2024 11:36:45

Spurious Emission  
LE\_Channel 0



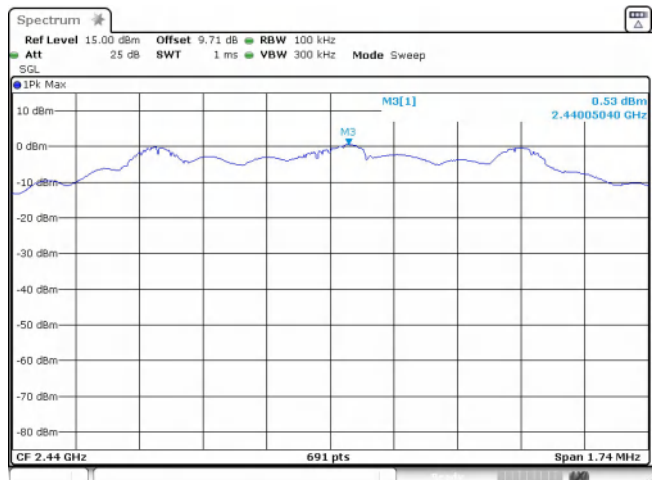
Date: 19.APR.2024 11:50:56

Spurious Emission  
2LE\_Channel 0



Date: 19.APR.2024 11:40:37

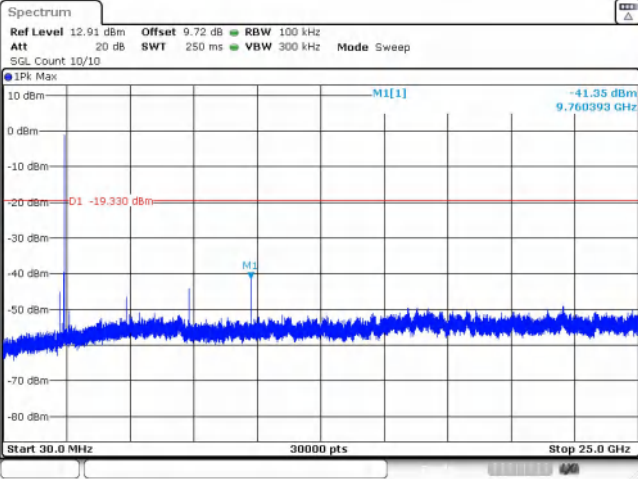
In-Band Reference Level  
LE\_Channel 19



Date: 19.APR.2024 12:00:48

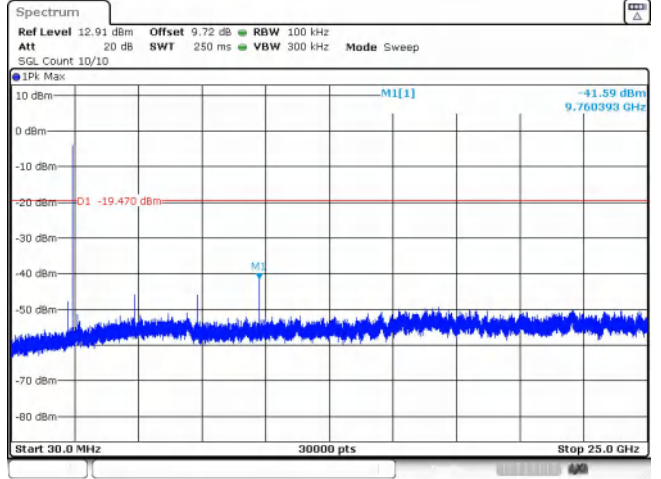
In-Band Reference Level  
2LE\_Channel 19





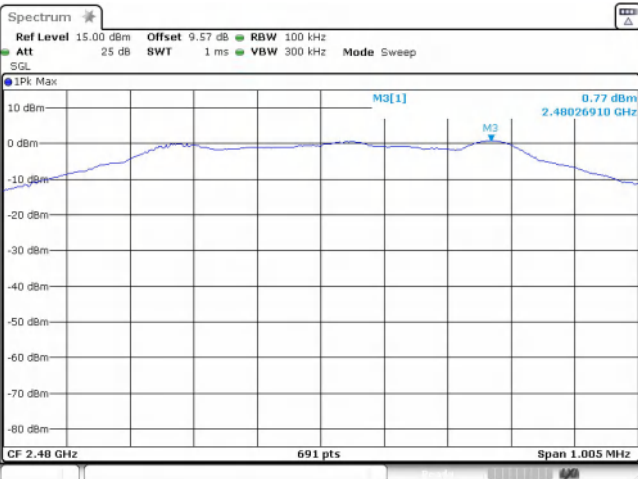
Date: 19.APR.2024 11:41:01

**Spurious Emissions**  
**LE\_Channel 19**



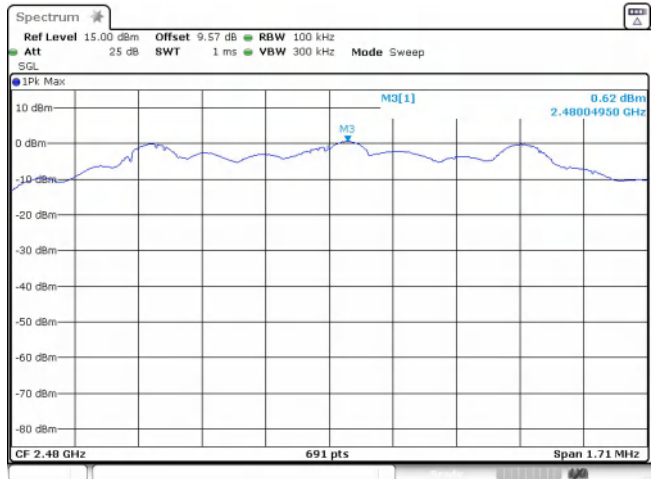
Date: 19.APR.2024 12:01:12

**Spurious Emissions**  
**2LE\_Channel 19**



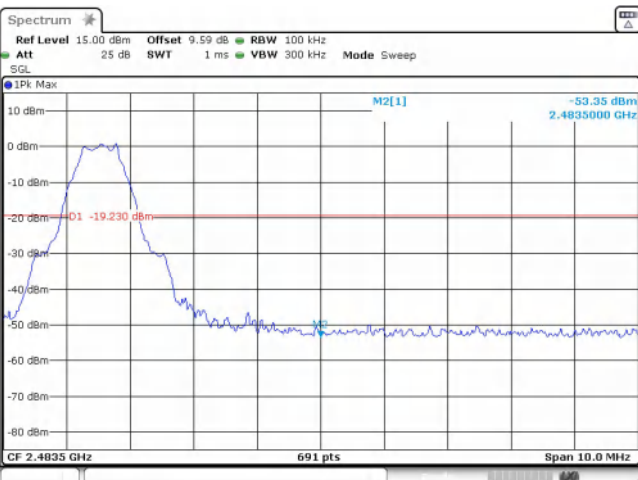
Date: 19.APR.2024 11:47:13

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



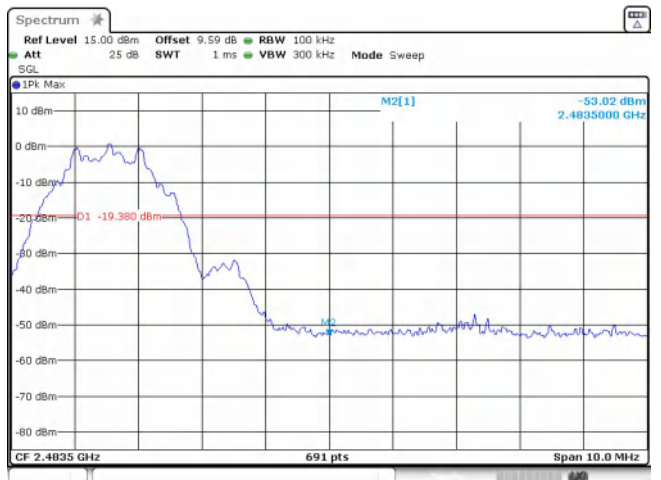
Date: 19.APR.2024 12:03:05

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



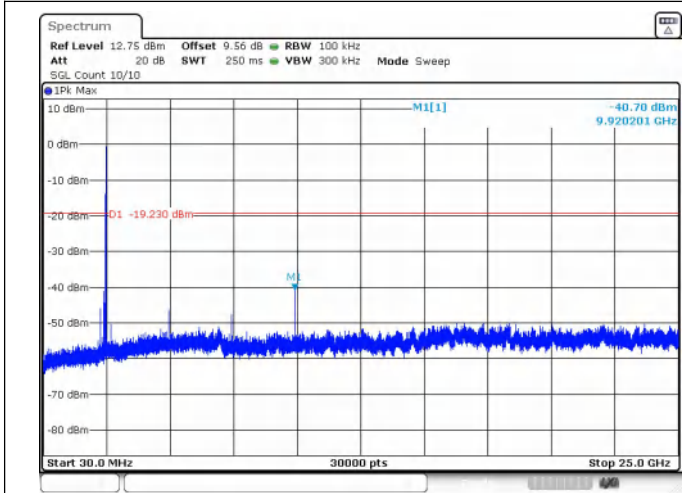
Date: 19.APR.2024 11:47:32

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



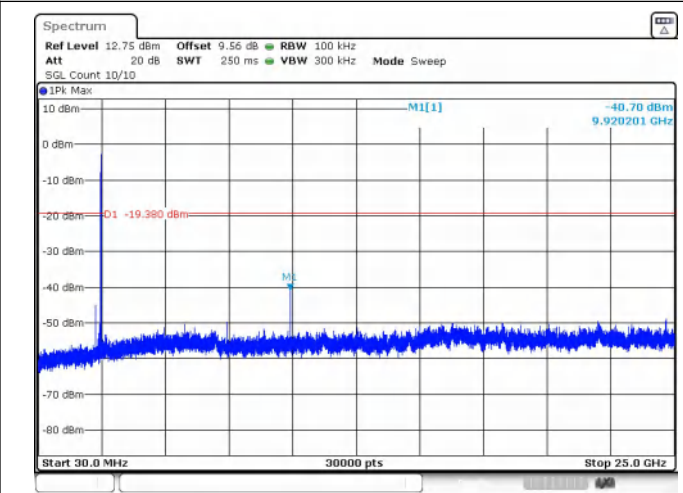
Date: 19.APR.2024 12:03:24

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



Date: 19.APR.2024 11:47:54

Spurious Emission  
LE\_Channel 39



Date: 19.APR.2024 12:03:46

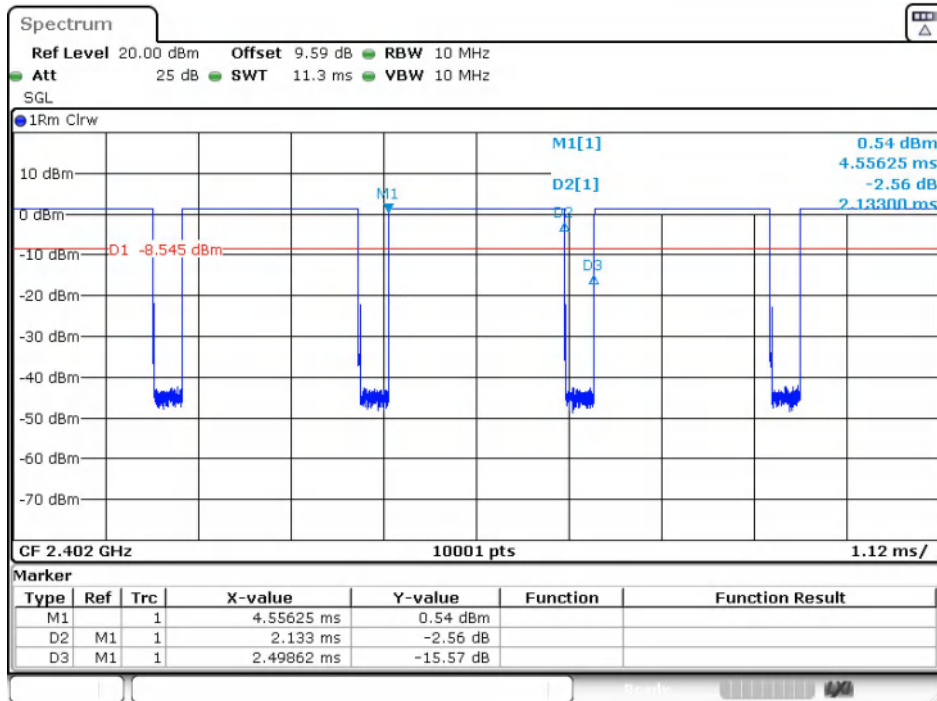
Spurious Emission  
2LE\_Channel 39

## 5) Duty Cycle

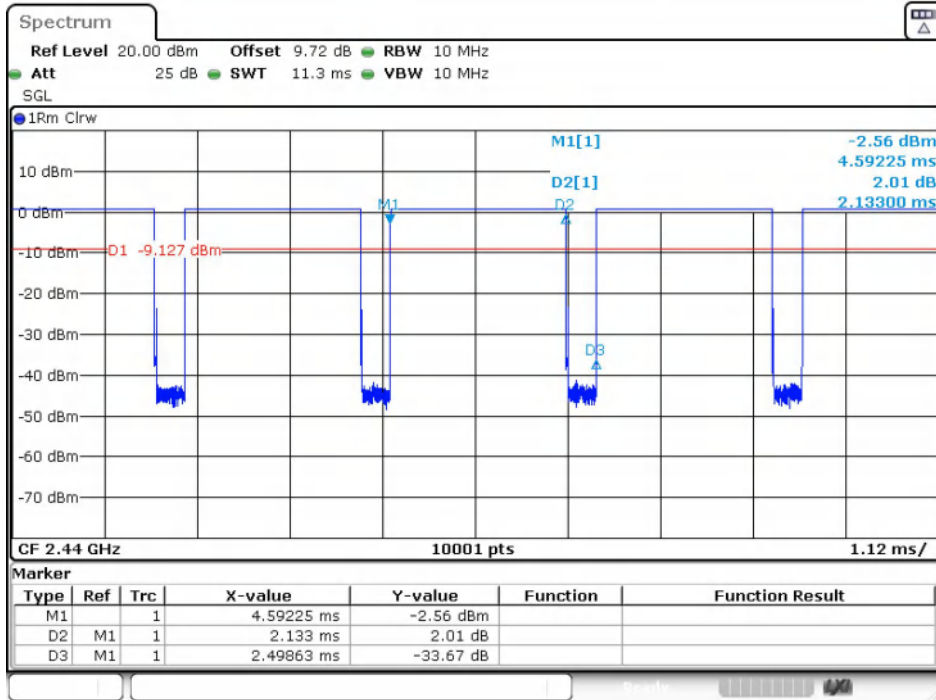
### Test Result

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
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	1.081	2.499	43.27	0.4327	3.6381	0.93

### Test Graphs

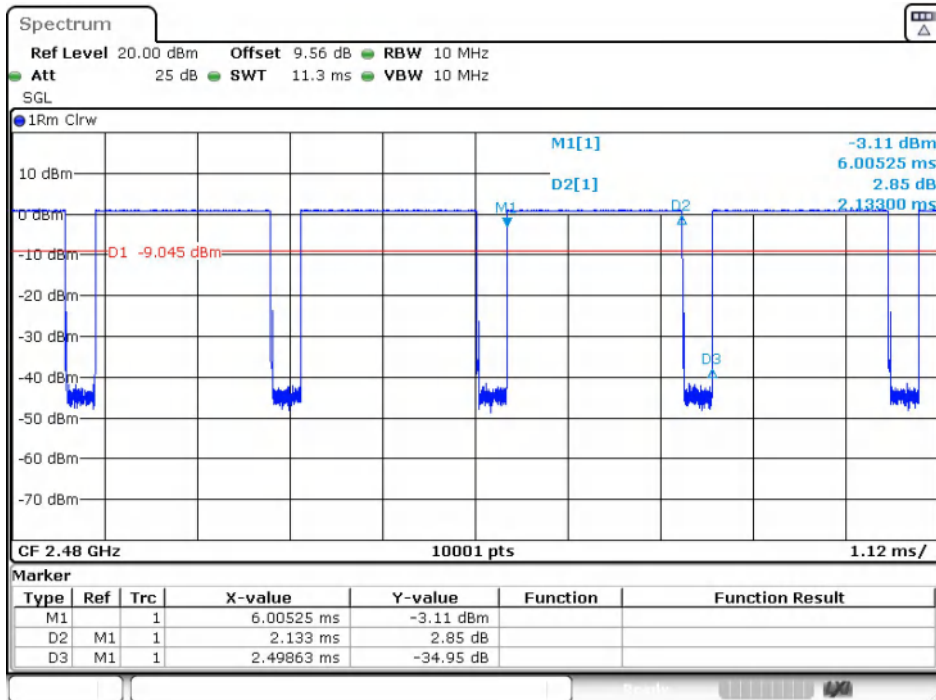


Date: 19.APR.2024 11:34:48



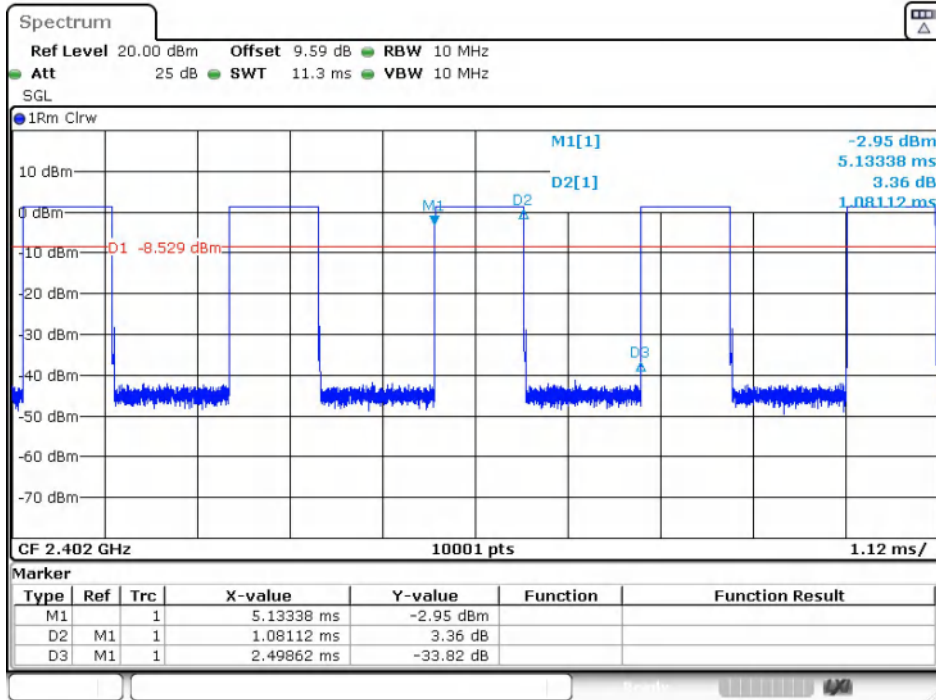
Date: 19.APR.2024 11:39:21

LE



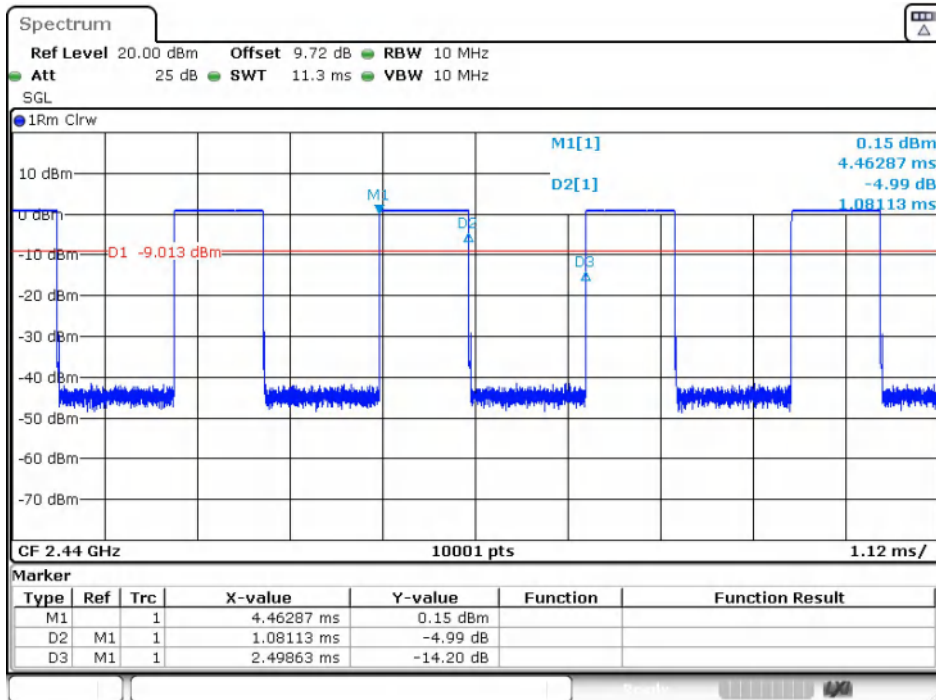
Date: 19.APR.2024 11:45:57

LE



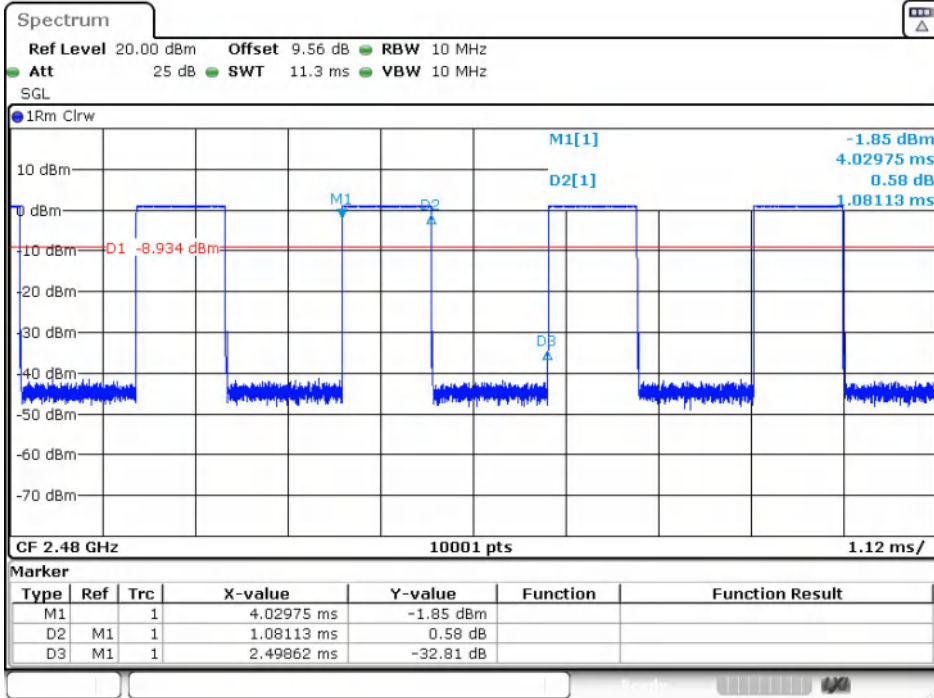
Date: 19.APR.2024 11:57:00

2LE



Date: 19.APR.2024 11:59:32

2LE



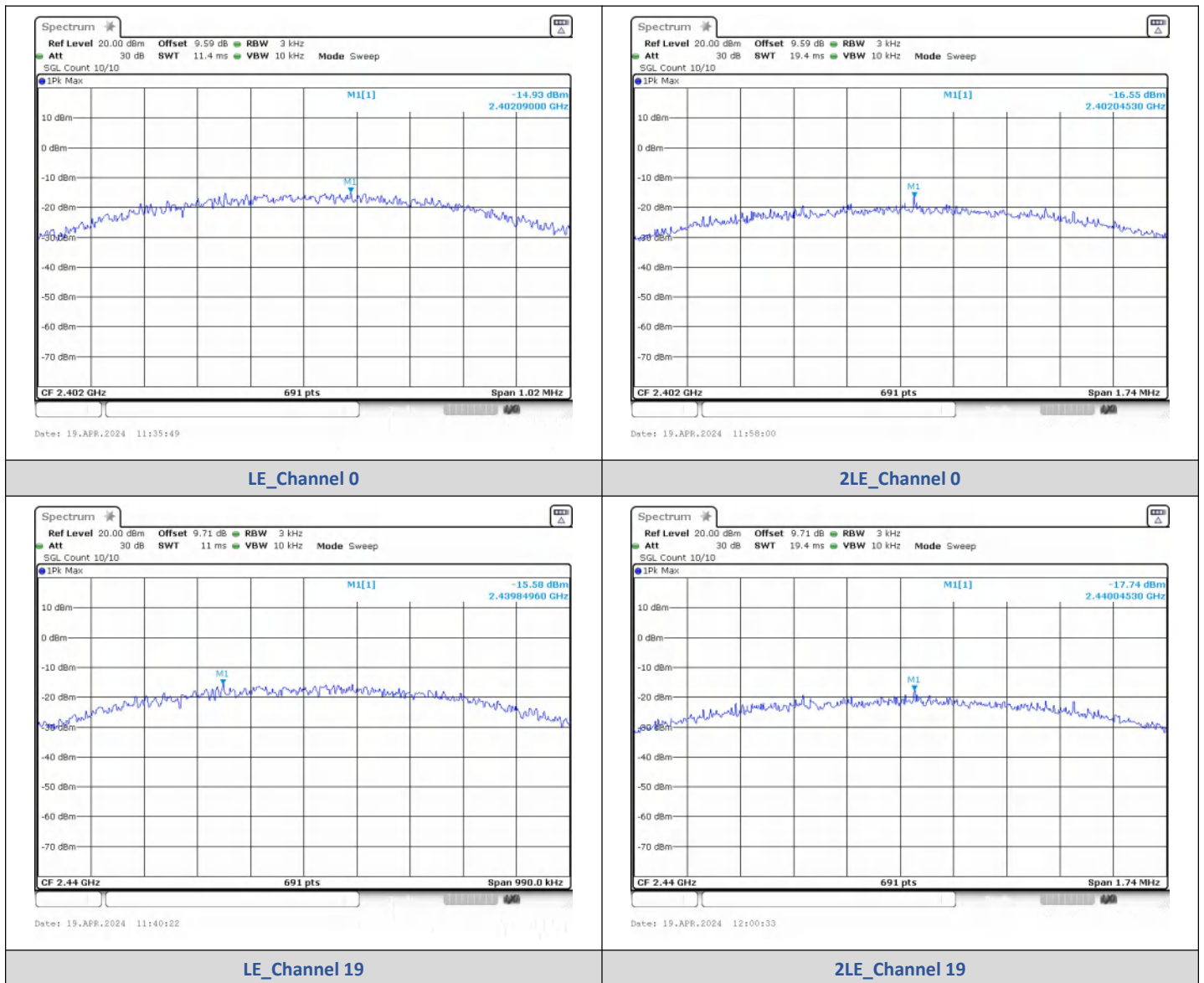
Date: 19.APR.2024 12:01:50

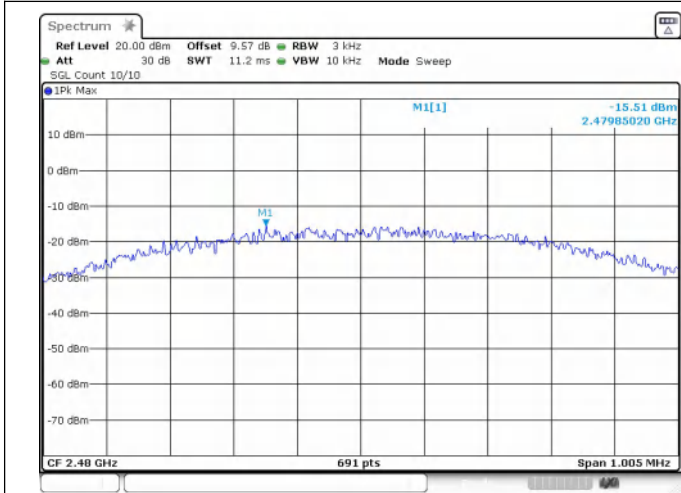
## 6) Power Spectral Density

### Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-14.935	8	PASS
LE	19	-15.576	8	PASS
LE	39	-15.515	8	PASS
2LE	0	-16.553	8	PASS
2LE	19	-17.742	8	PASS
2LE	39	-18.417	8	PASS

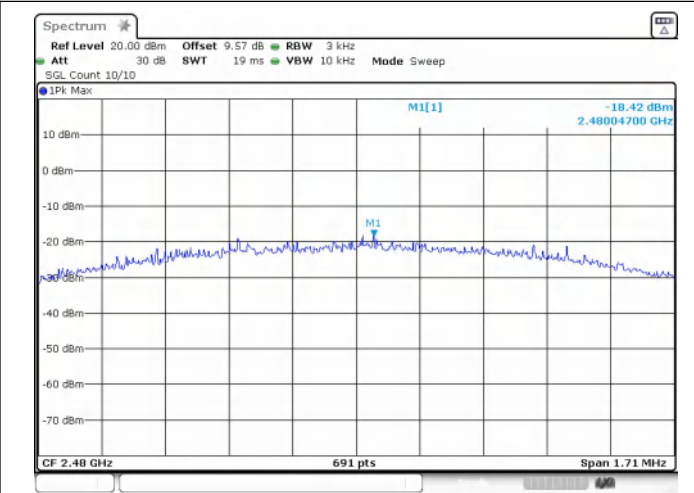
### Test Graphs





Date: 19.APR.2024 11:46:58

LE\_Channel 39



Date: 19.APR.2024 12:02:51

2LE\_Channel 39