

Appendix A

Report No.:	CISRR240403028
FCC ID:	2BFT7-T1
Product Name:	Bluetooth glasses
Model No.:	T1
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

1) Conducted Peak Output Power

Test Result

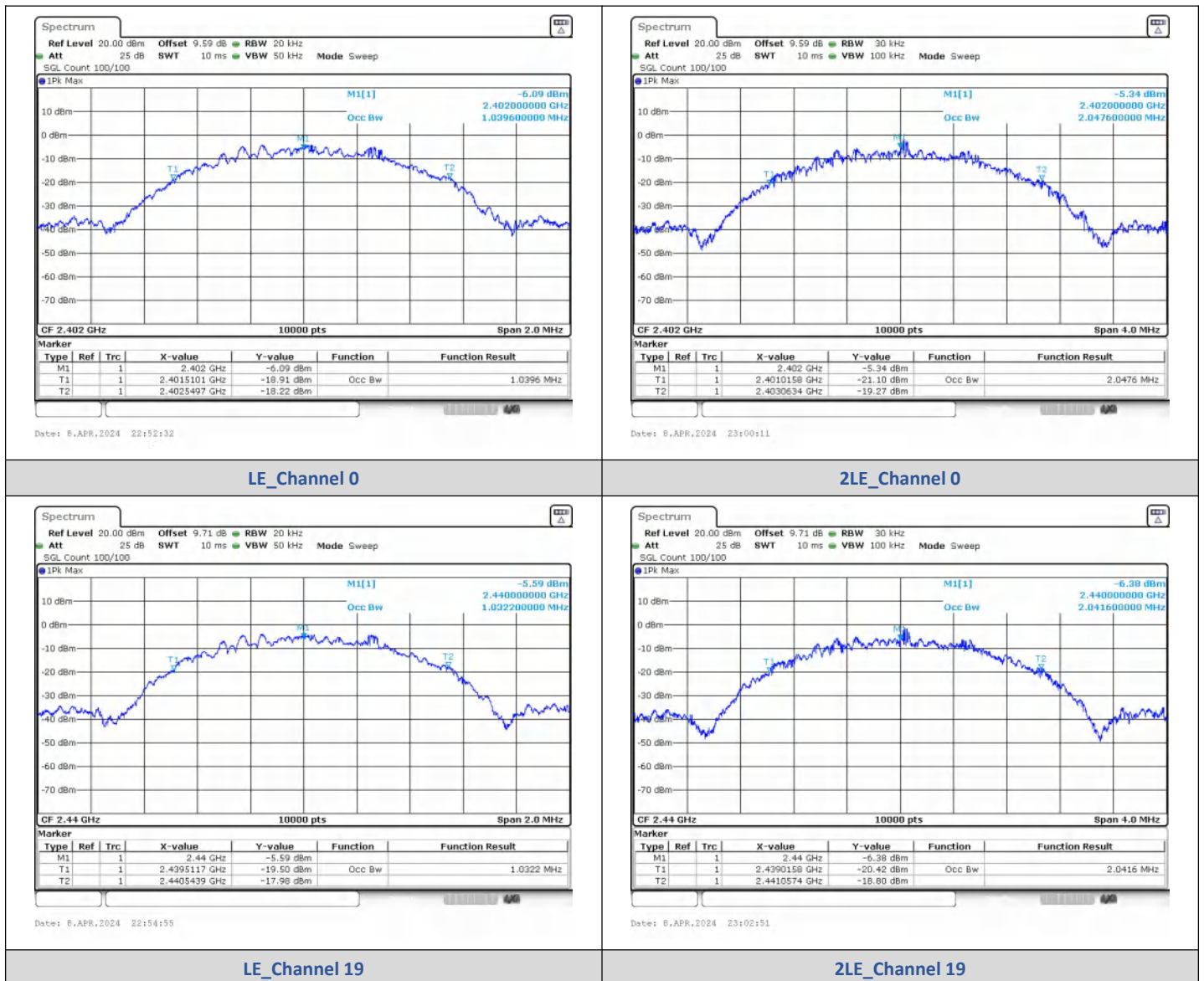
Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
GFSK	LE	0	2.377	1.73	30	PASS
		19	2.867	1.94		PASS
		39	3.104	2.04		PASS
	2LE	0	2.430	1.75	20.97	PASS
		19	3.046	2.02		PASS
		39	3.343	2.16		PASS

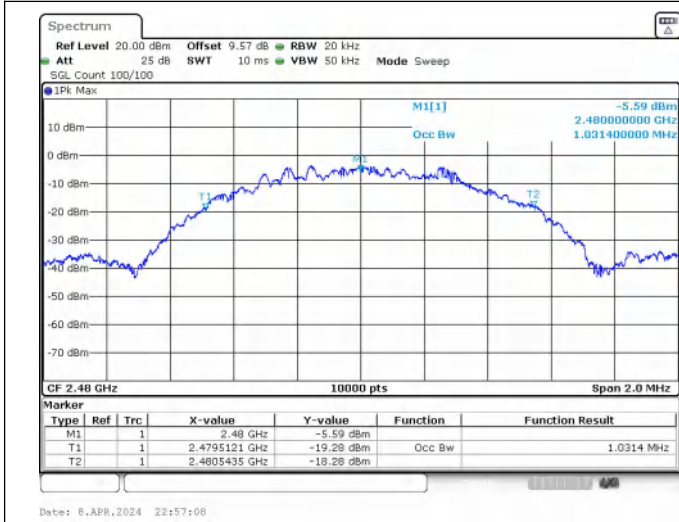
2) 99% Bandwidth

Test Result

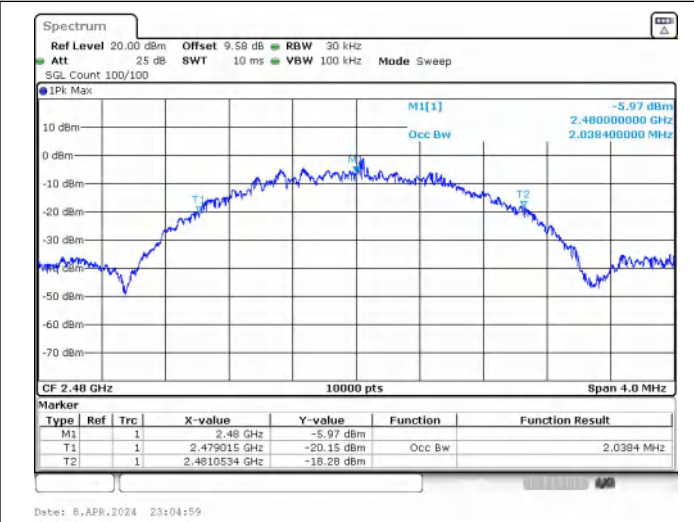
Mode	Channel	99% BW (MHz)
LE	0	1.0400
LE	19	1.0320
LE	39	1.0310
2LE	0	2.0480
2LE	19	2.0420
2LE	39	2.0380

Test Graphs





LE_Channel 39



2LE_Channel 39

3) 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	1.140		PASS
	19	2440	1.150		PASS
	39	2480	1.150		PASS

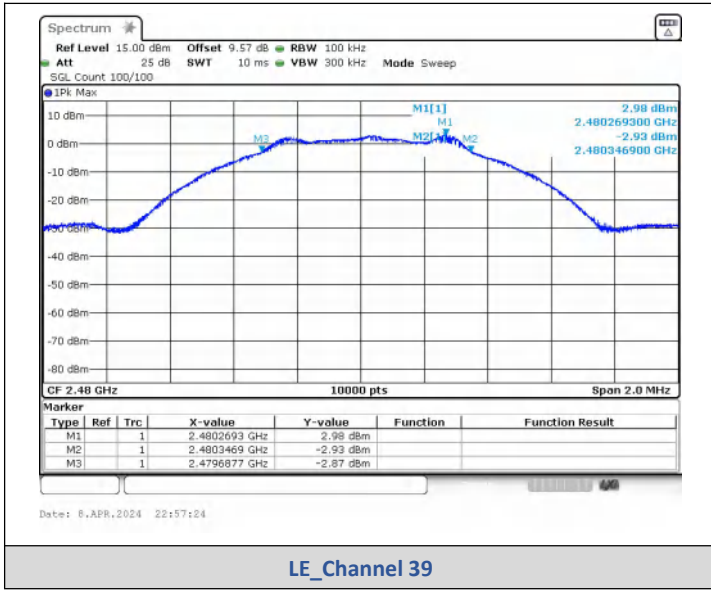
Test Graphs

LE_Channel 0

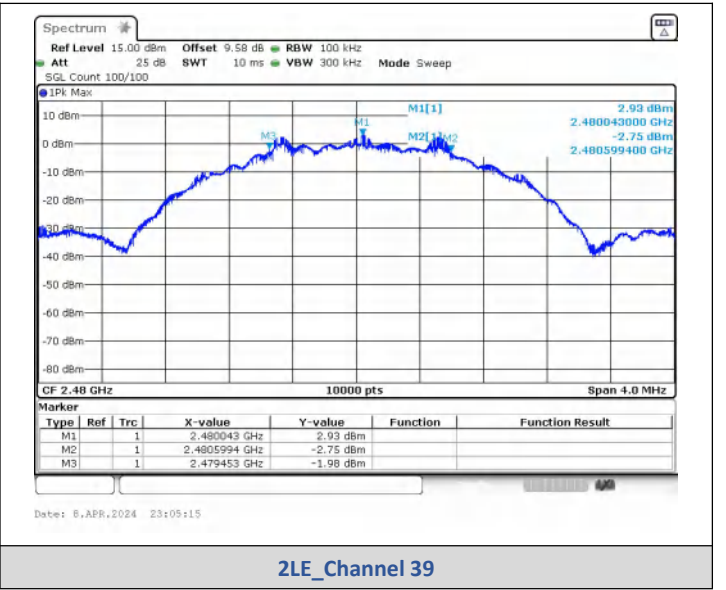
2LE_Channel 0

LE_Channel 19

2LE_Channel 19



LE_Channel 39



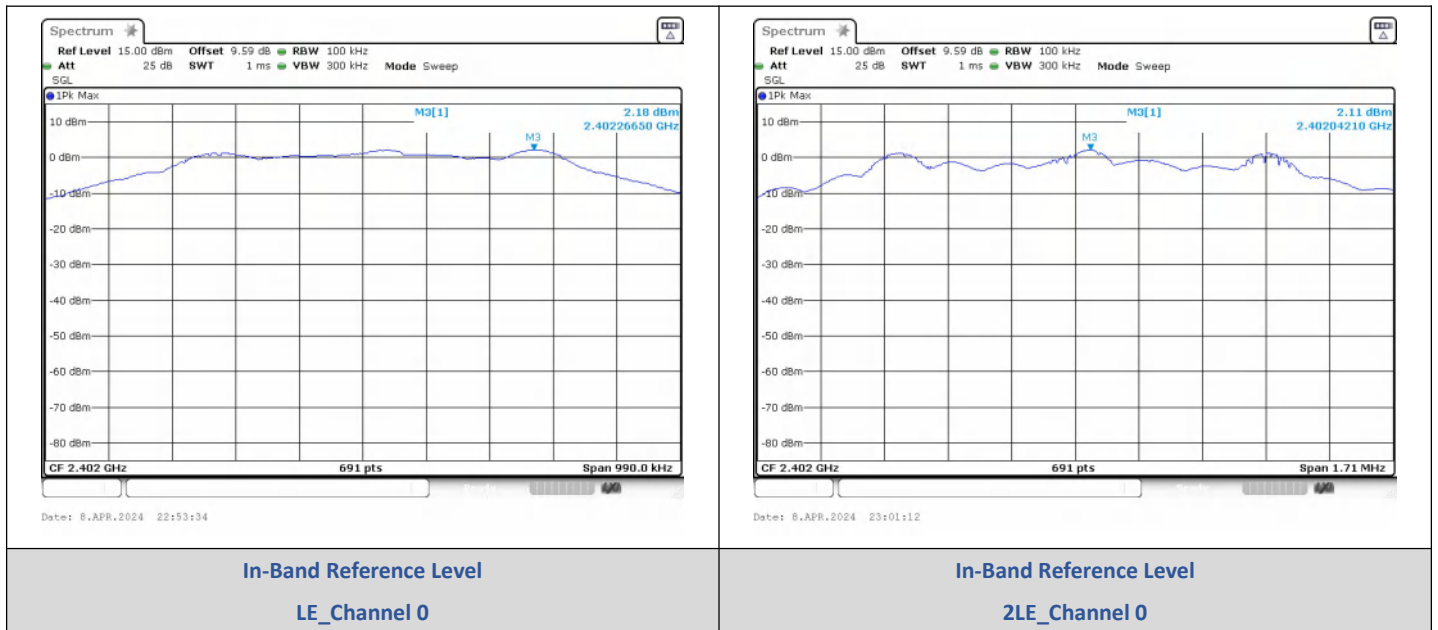
2LE_Channel 39

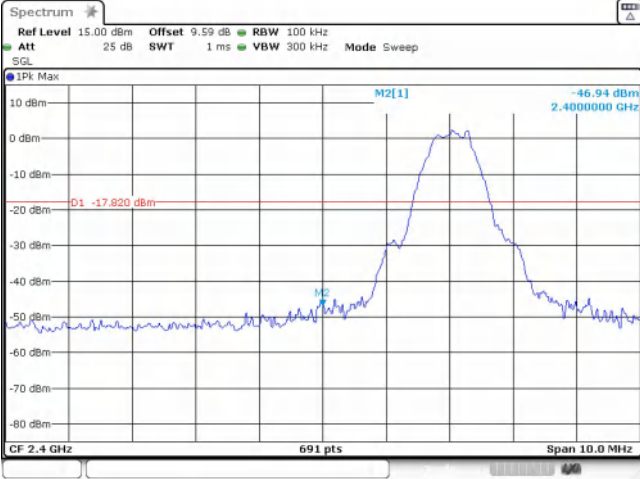
4) Conducted Out Of Band Emission

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-46.938	-17.82	-29.117	PASS
		7205.13	-32.708	-17.82	-14.888	PASS
	19	7319.99	-33.008	-17.27	-15.738	PASS
		2483.50	-52.405	-17.05	-35.355	PASS
		7440.68	-37.431	-17.05	-20.381	PASS
2LE	0	2400.00	-30.748	-17.89	-12.858	PASS
		7205.13	-35.836	-17.89	-17.946	PASS
	19	7321.66	-35.625	-17.37	-18.255	PASS
		2483.50	-51.658	-17.08	-34.578	PASS
		7438.18	-37.707	-17.08	-20.627	PASS

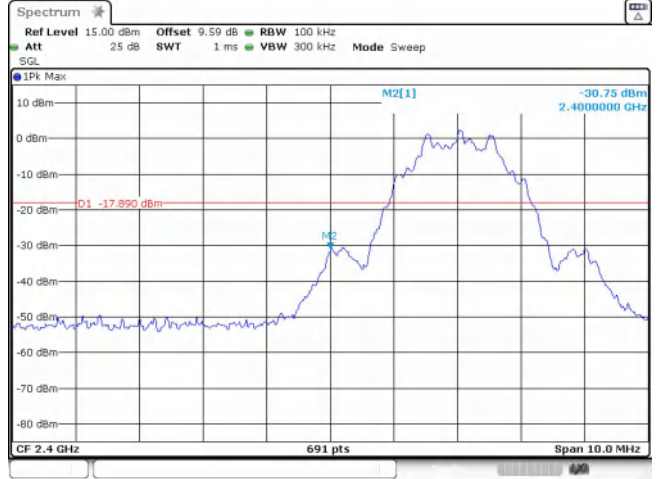
Test Graphs





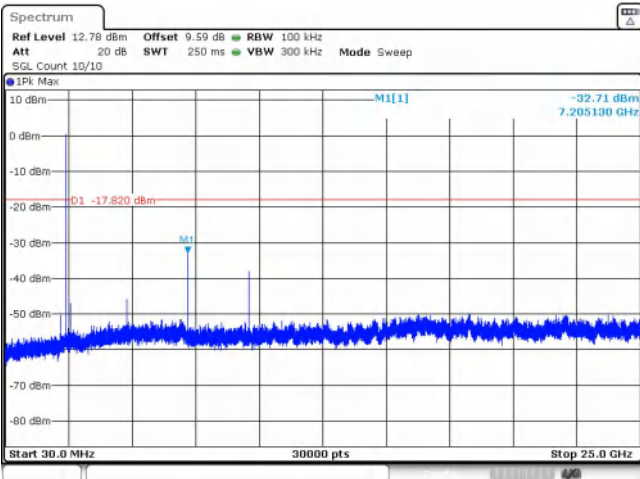
Date: 8.APR.2024 22:53:13

Out Of Band Emission
LE_Channel 0



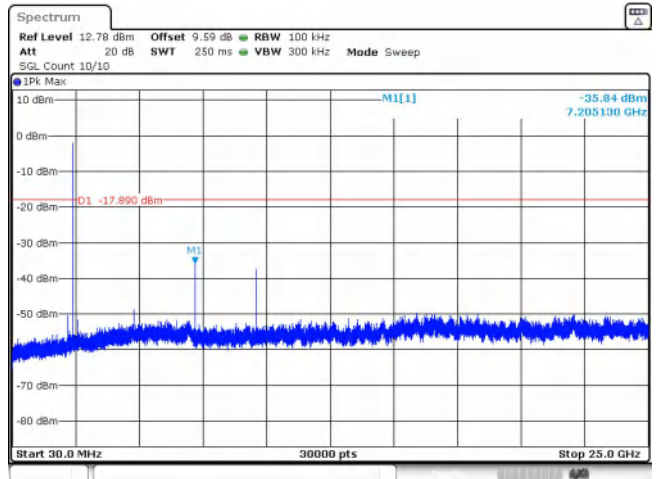
Date: 8.APR.2024 23:01:31

Out Of Band Emission
2LE_Channel 0



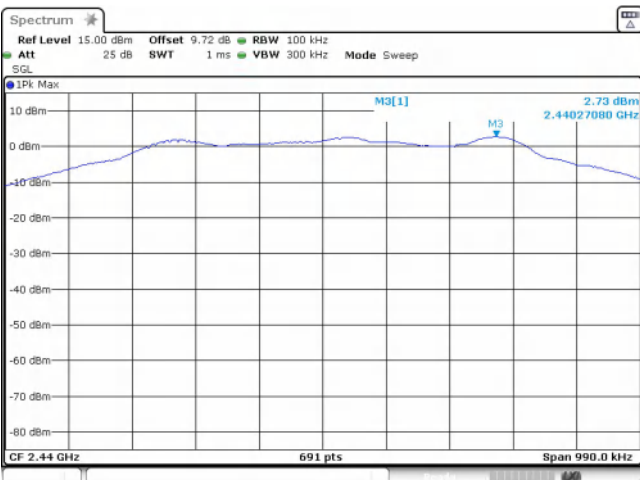
Date: 8.APR.2024 22:54:15

Spurious Emission
LE_Channel 0



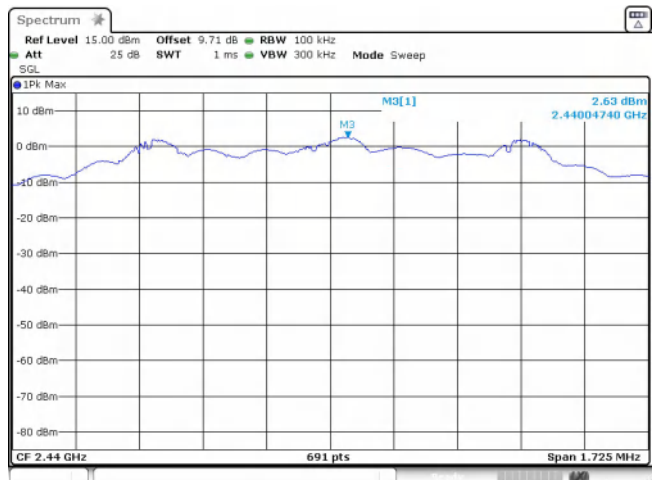
Date: 8.APR.2024 23:01:53

Spurious Emission
2LE_Channel 0



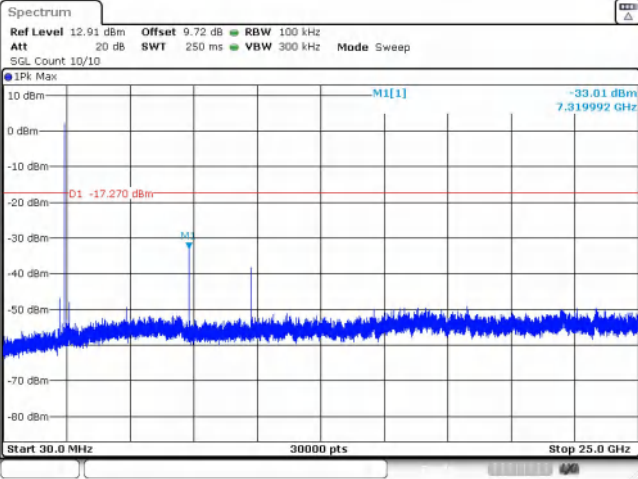
Date: 8.APR.2024 22:55:56

In-Band Reference Level
LE_Channel 19



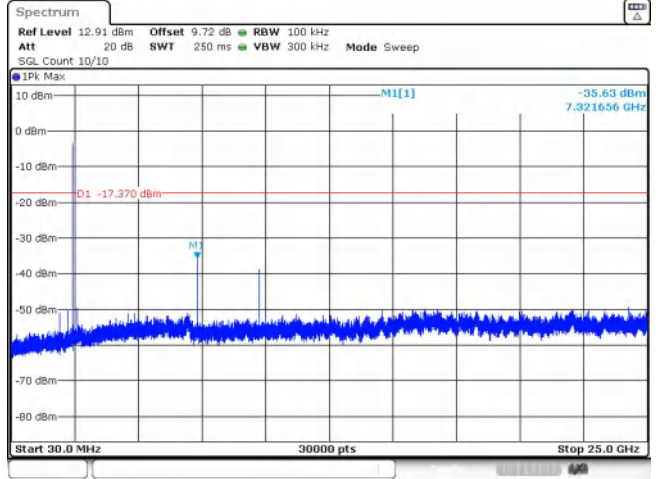
Date: 8.APR.2024 23:03:52

In-Band Reference Level
2LE_Channel 19



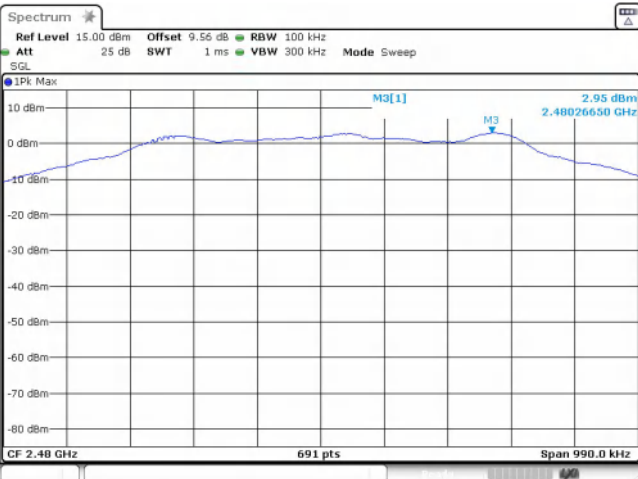
Date: 8.APR.2024 22:56:20

Spurious Emissions
LE_Channel 19



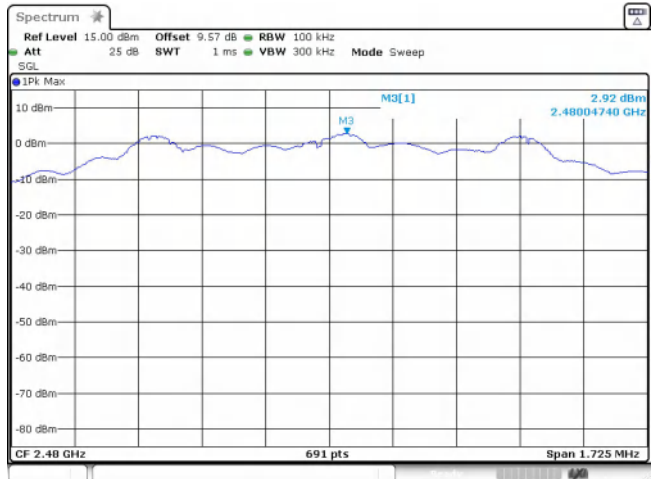
Date: 8.APR.2024 23:04:16

Spurious Emissions
2LE_Channel 19



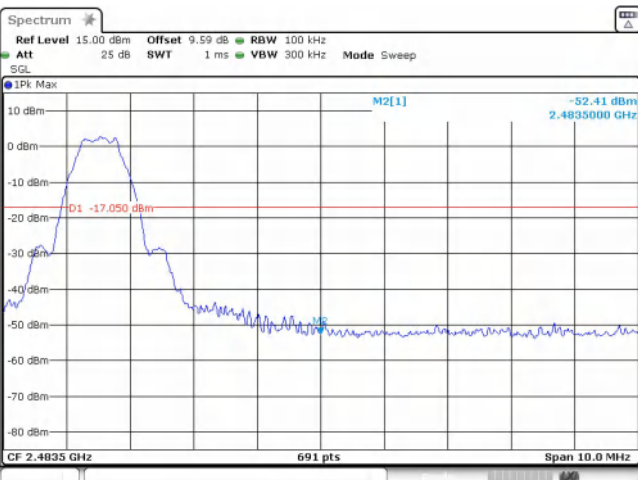
Date: 8.APR.2024 22:58:09

In-Band Reference Level
LE_Channel 39



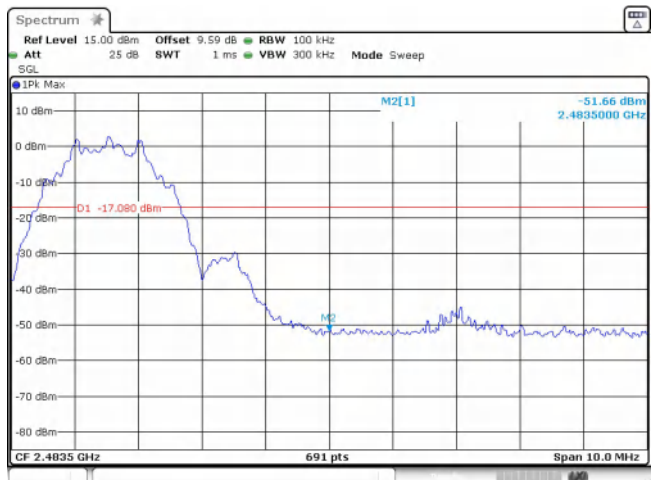
Date: 8.APR.2024 23:06:00

In-Band Reference Level
2LE_Channel 39



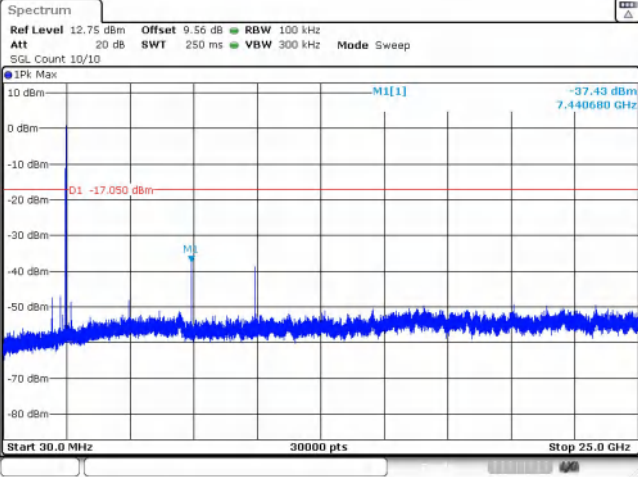
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Out Of Band Emission
LE_Channel 39

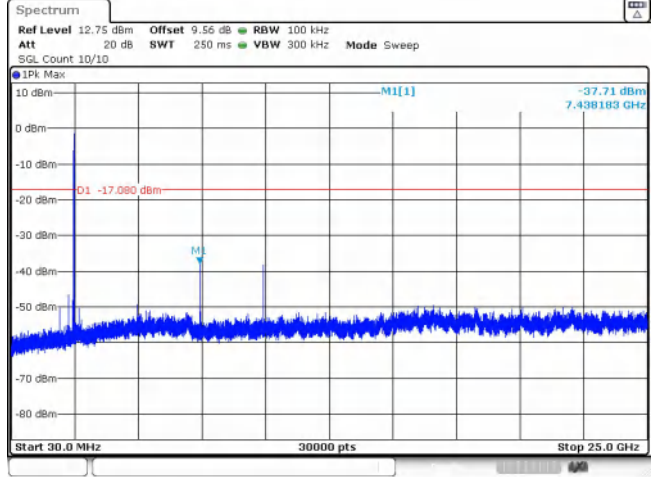


Date: 8.APR.2024 23:06:20

Out Of Band Emission
2LE_Channel 39



Spurious Emission
LE_Channel 39



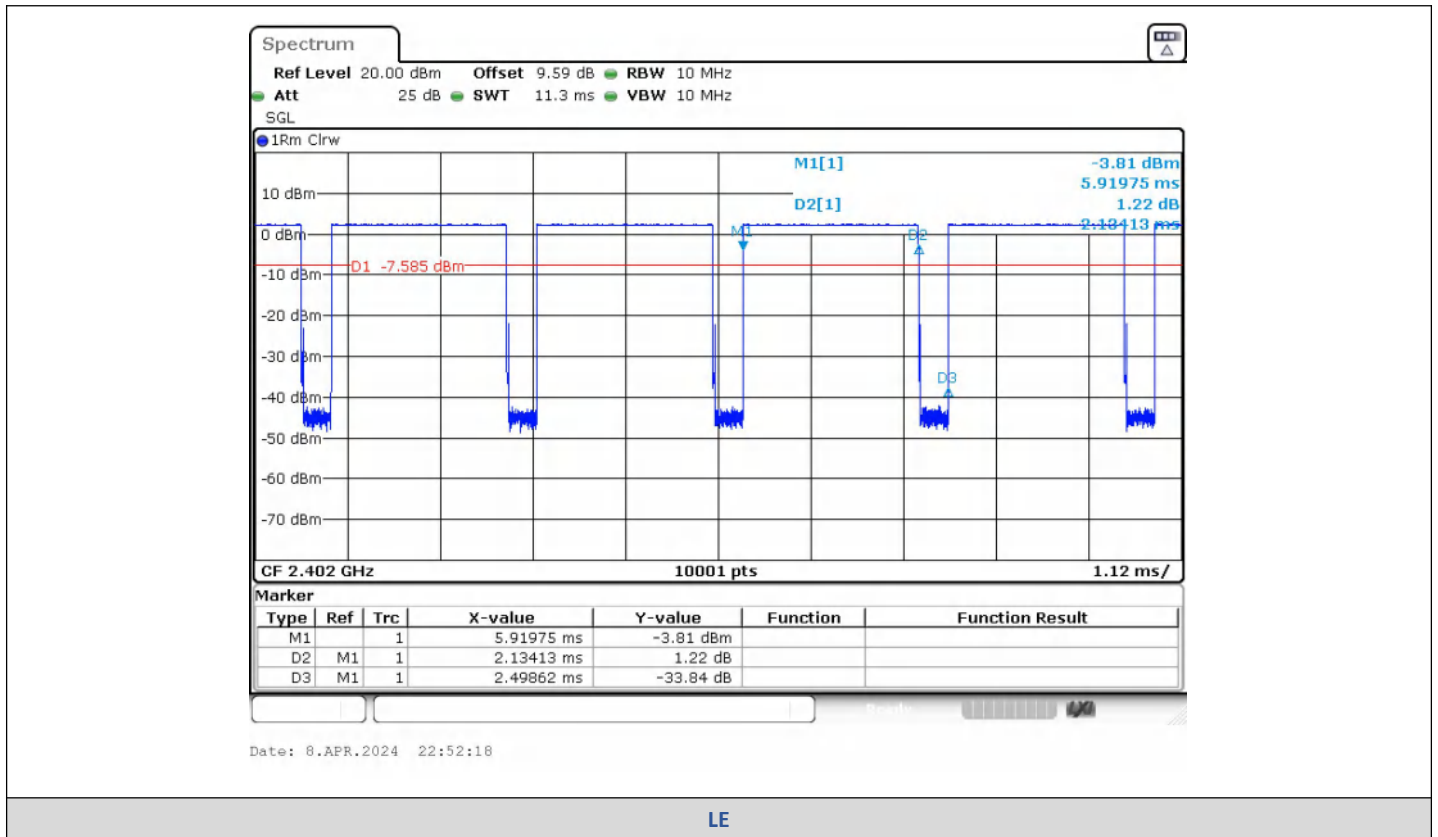
Spurious Emission
2LE_Channel 39

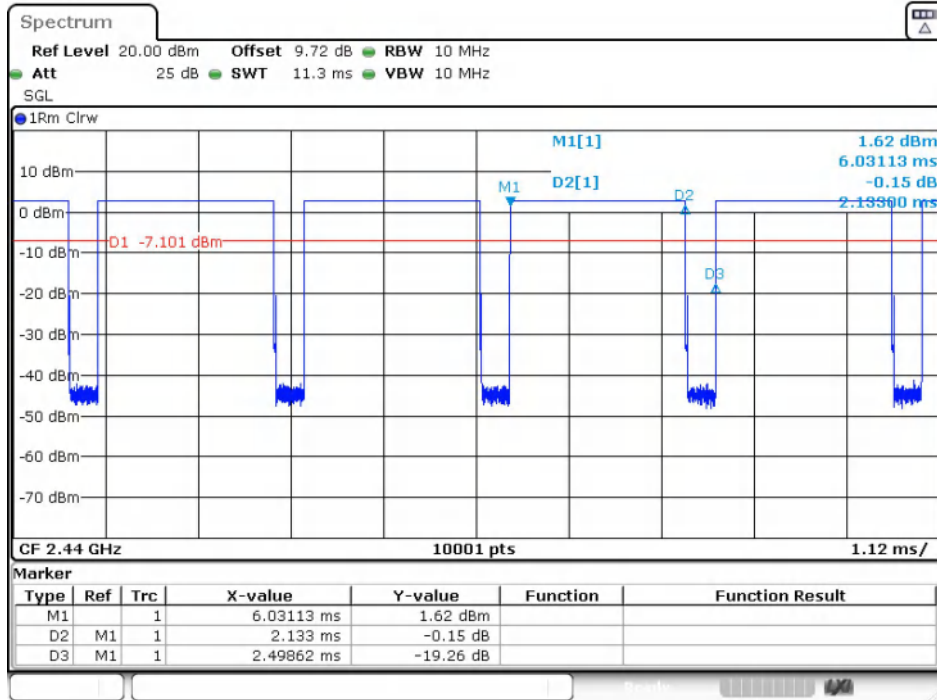
5) Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
LE	0	2.134	2.499	85.41	0.8541	0.6849	1.63
	19	2.133	2.499	85.37	0.8537	0.6869	1.63
	39	2.134	2.499	85.41	0.8541	0.6849	1.63
2LE	0	1.082	2.500	43.29	0.4329	3.6361	1.28
	19	1.082	2.499	43.31	0.4331	3.6341	1.28
	39	1.082	2.499	43.31	0.4331	3.6341	1.28

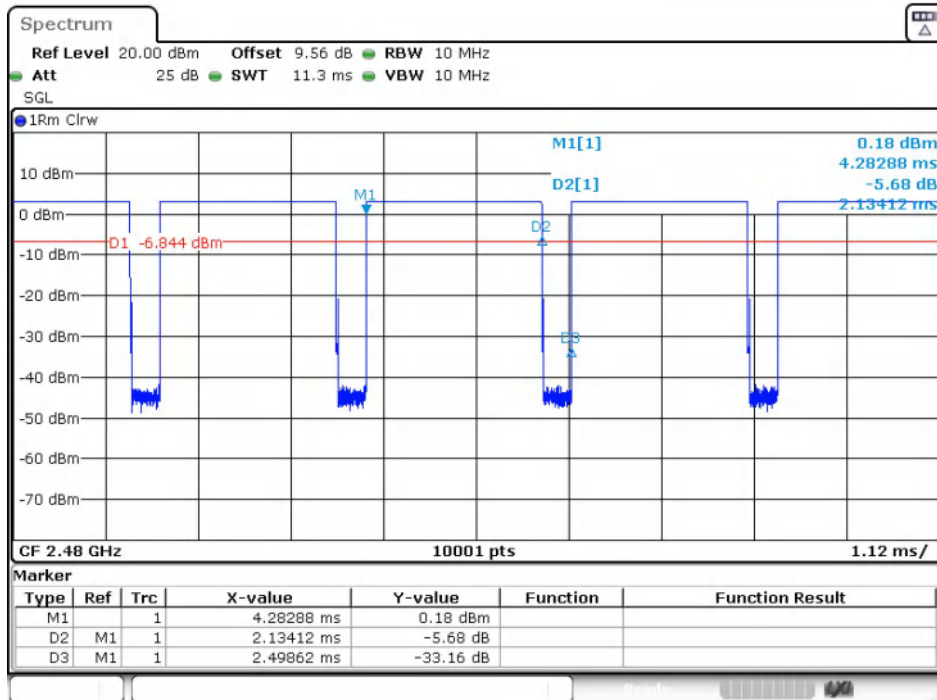
Test Graphs





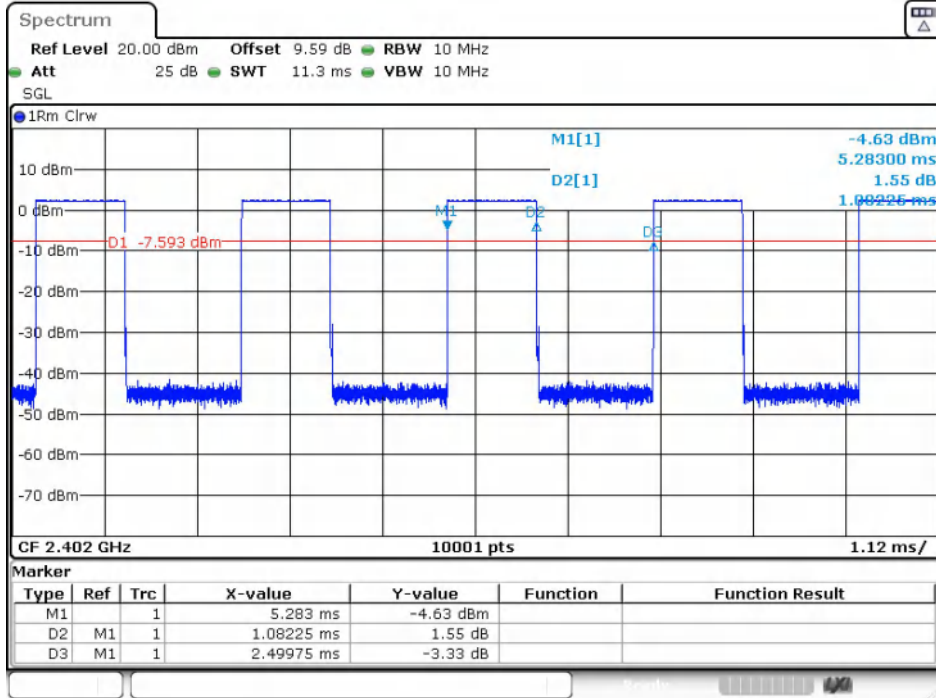
Date: 8.APR.2024 22:54:41

LE



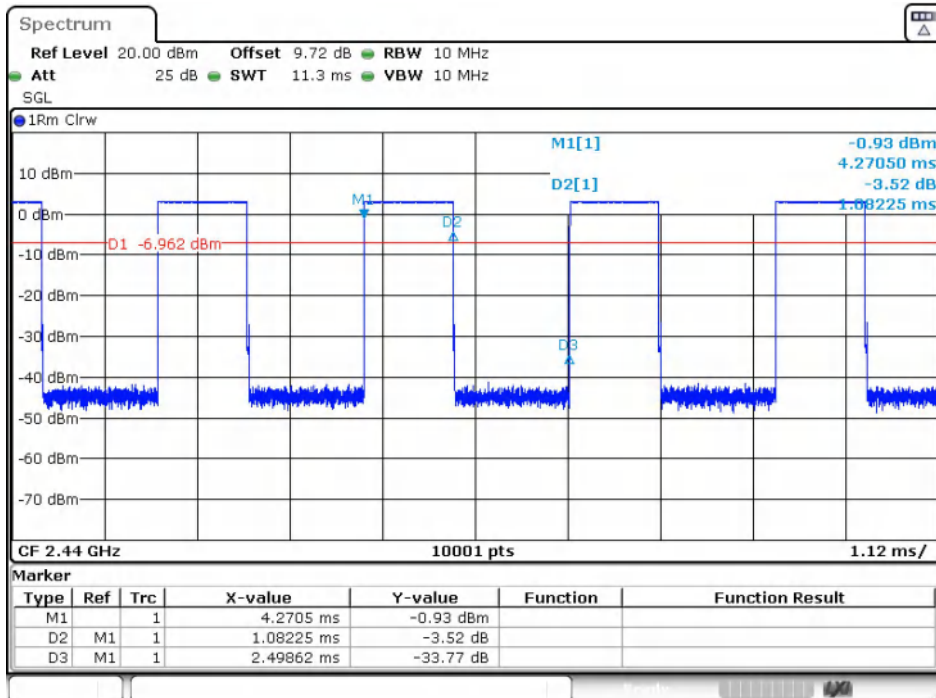
Date: 8.APR.2024 22:56:54

LE



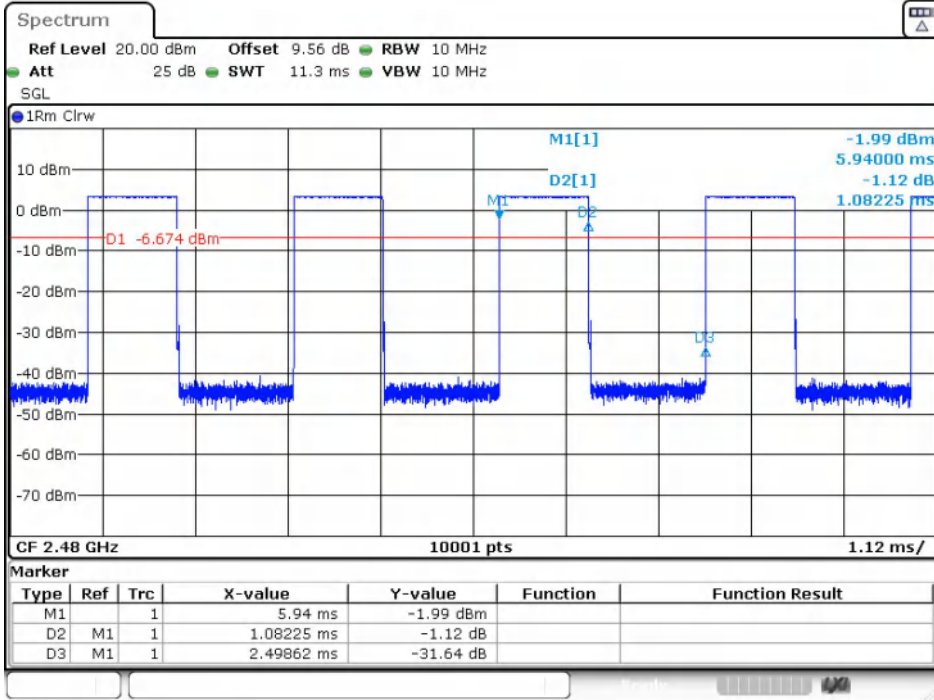
Date: 8.APR.2024 22:59:56

2LE



Date: 8.APR.2024 23:02:36

2LE



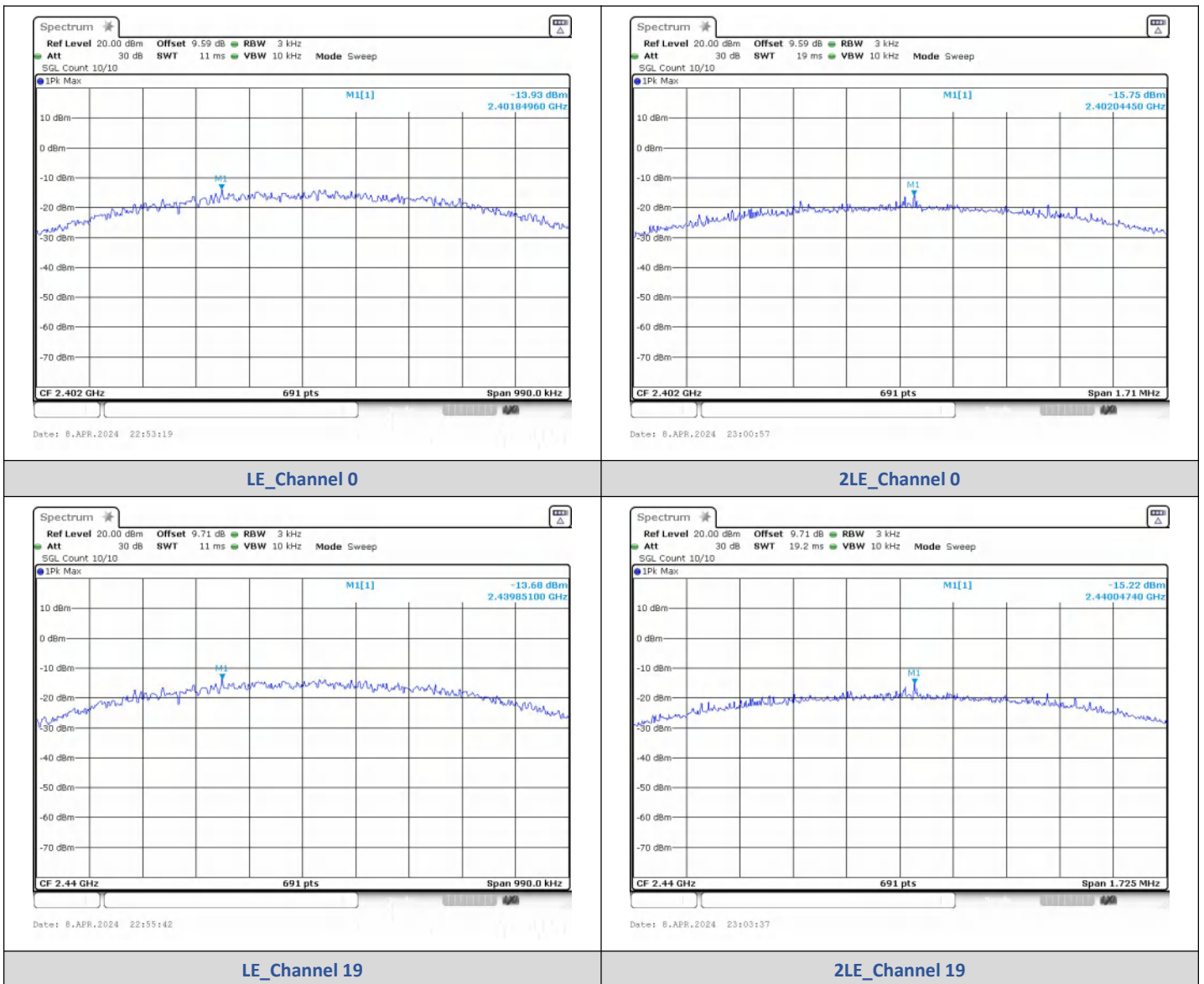
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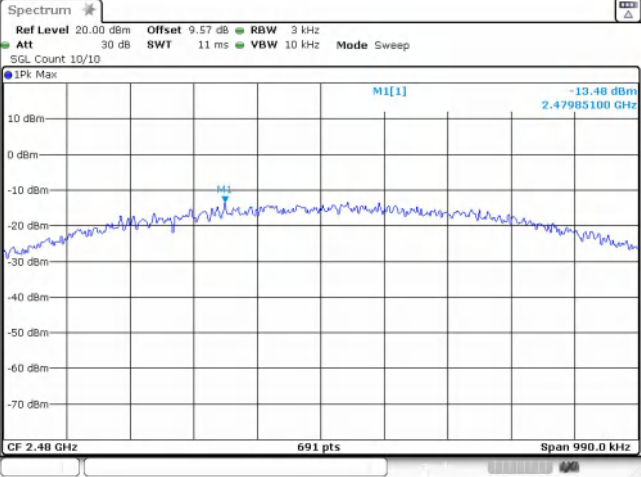
6) Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-13.931	8	PASS
LE	19	-13.677	8	PASS
LE	39	-13.482	8	PASS
2LE	0	-15.751	8	PASS
2LE	19	-15.218	8	PASS
2LE	39	-14.996	8	PASS

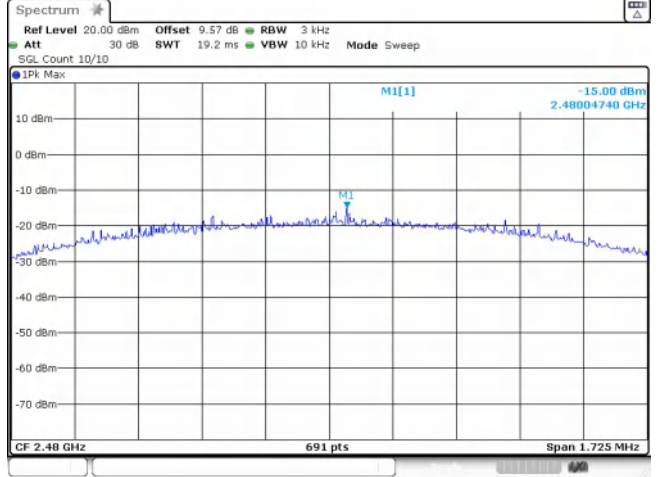
Test Graphs





Date: 8.APR.2024 22:57:55

LE_Channel 39



Date: 8.APR.2024 23:05:46

2LE_Channel 39