

Appendix B

Report No.:	CISRR24041609002
FCC ID:	2BFZC-OWS2
Product Name:	OPEN EAR HOOK Pro
Model No.:	ows2
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	1.982	1.58	30	PASS
	19	1.341	1.36	30	PASS
	39	1.207	1.32	30	PASS
2LE	0	2.158	1.64	30	PASS
	19	1.736	1.49	30	PASS
	39	1.403	1.38	30	PASS

Right

Test Result

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

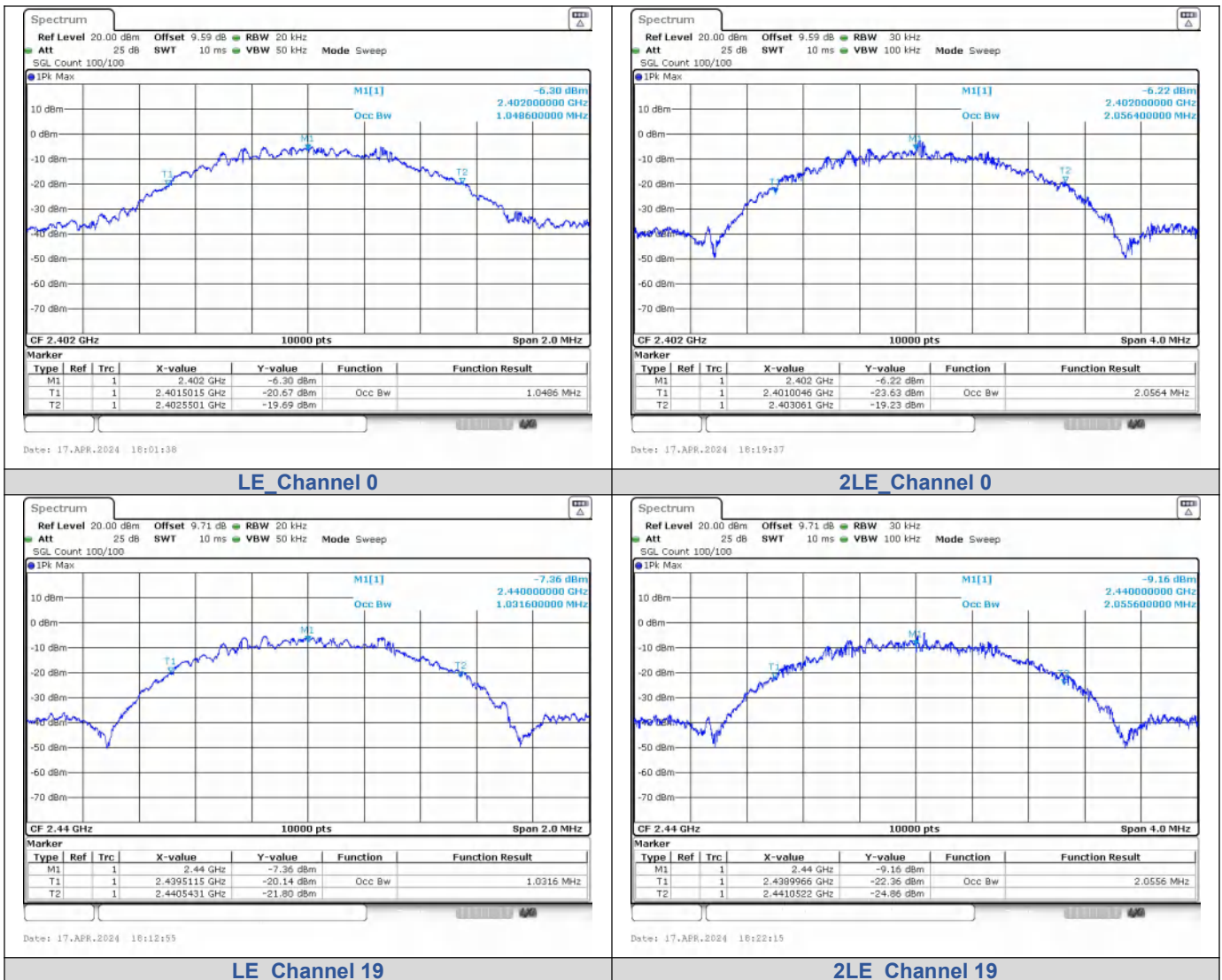
99% Bandwidth

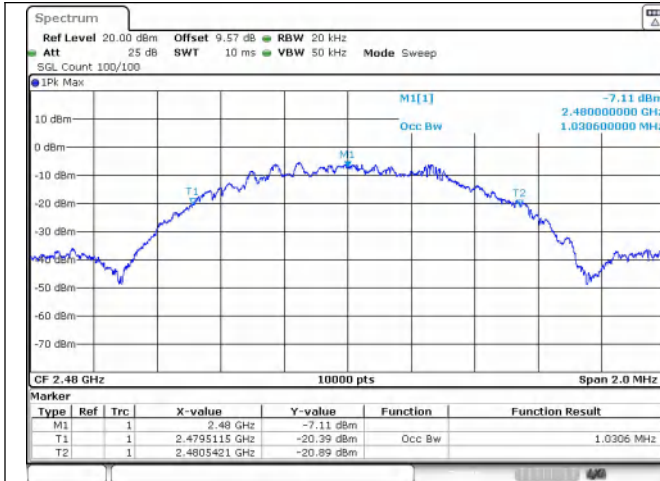
Left

Test Result

Mode	Channel	99% BW (MHz)
LE	0	1.0490
LE	19	1.0320
LE	39	1.0310
2LE	0	2.0560
2LE	19	2.0560
2LE	39	2.0460

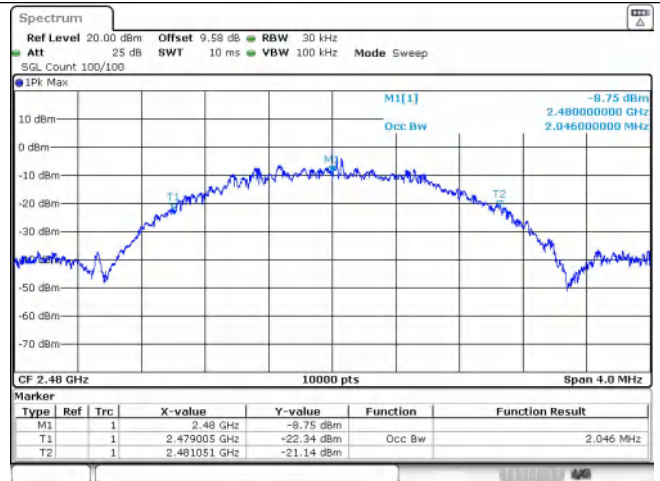
Test Graphs





Date: 17.APR.2024 16:15:54

LE_Channel 39



Date: 17.APR.2024 16:28:03

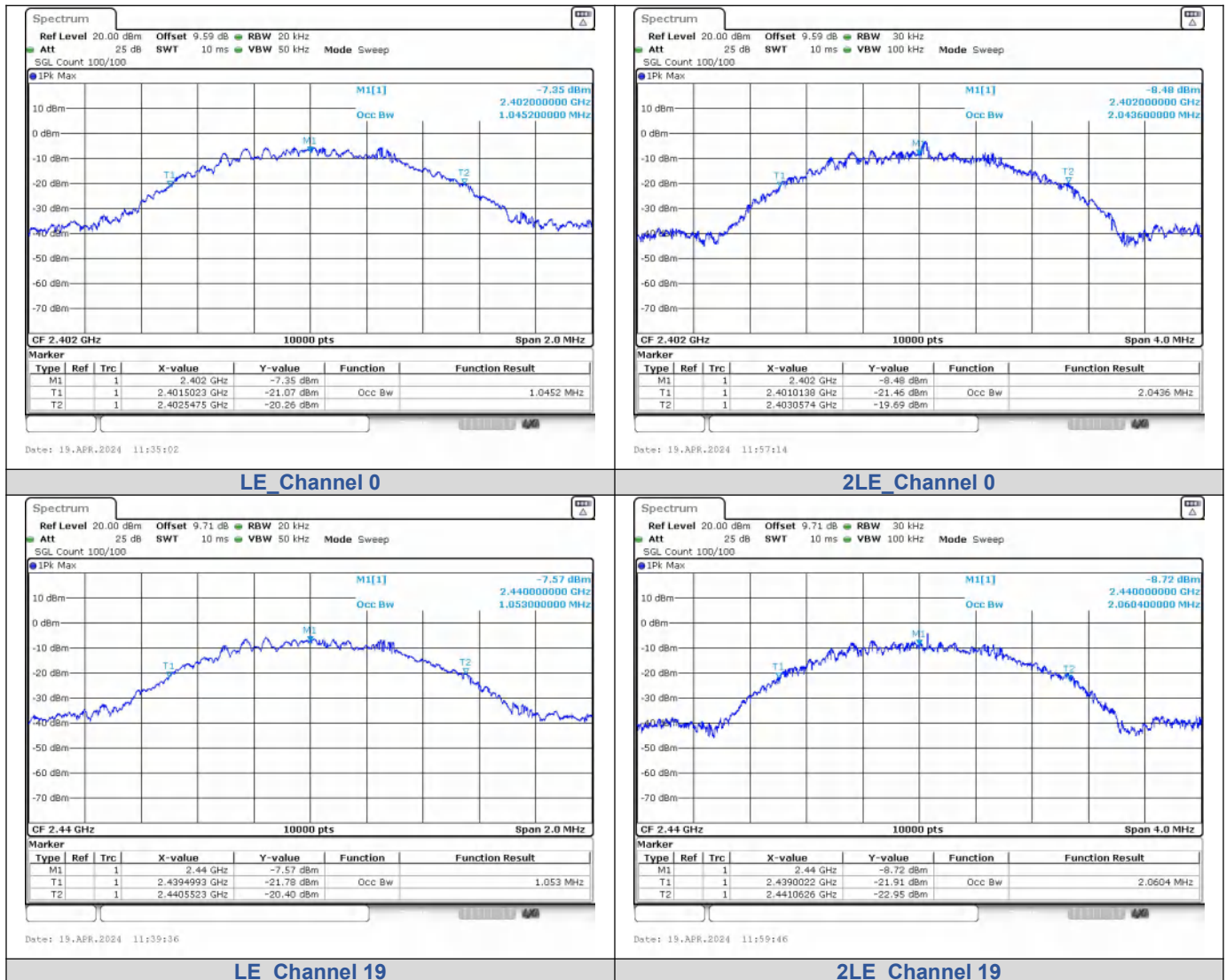
2LE_Channel 39

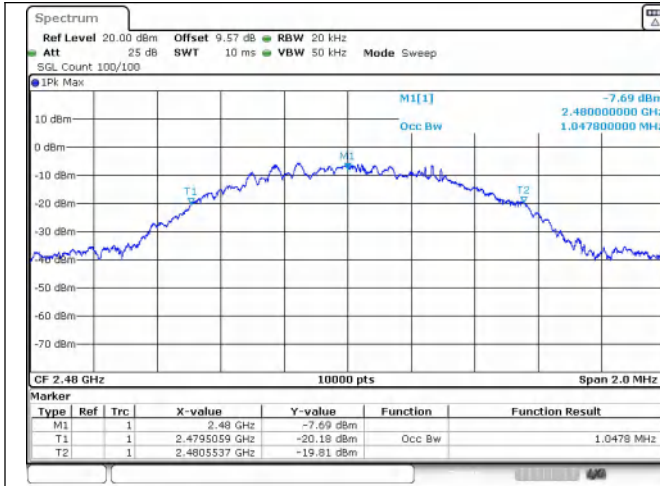
Right

Test Result

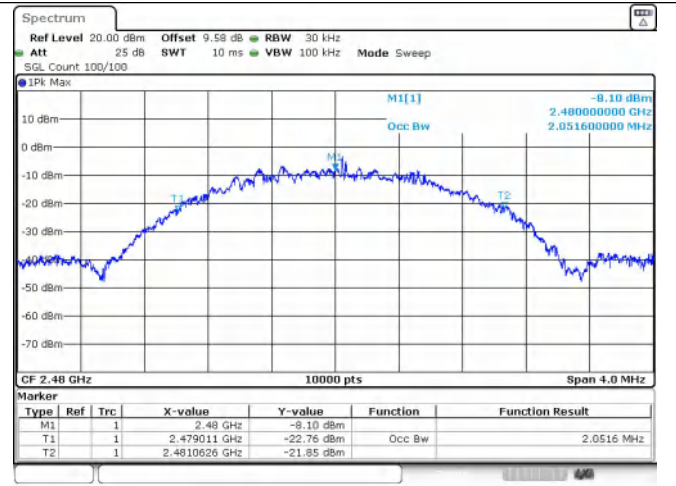
Mode	Channel	99% BW (MHz)
LE	0	1.0450
LE	19	1.0530
LE	39	1.0480
2LE	0	2.0440
2LE	19	2.0600
2LE	39	2.0520

Test Graphs





LE_Channel 39



2LE_Channel 39

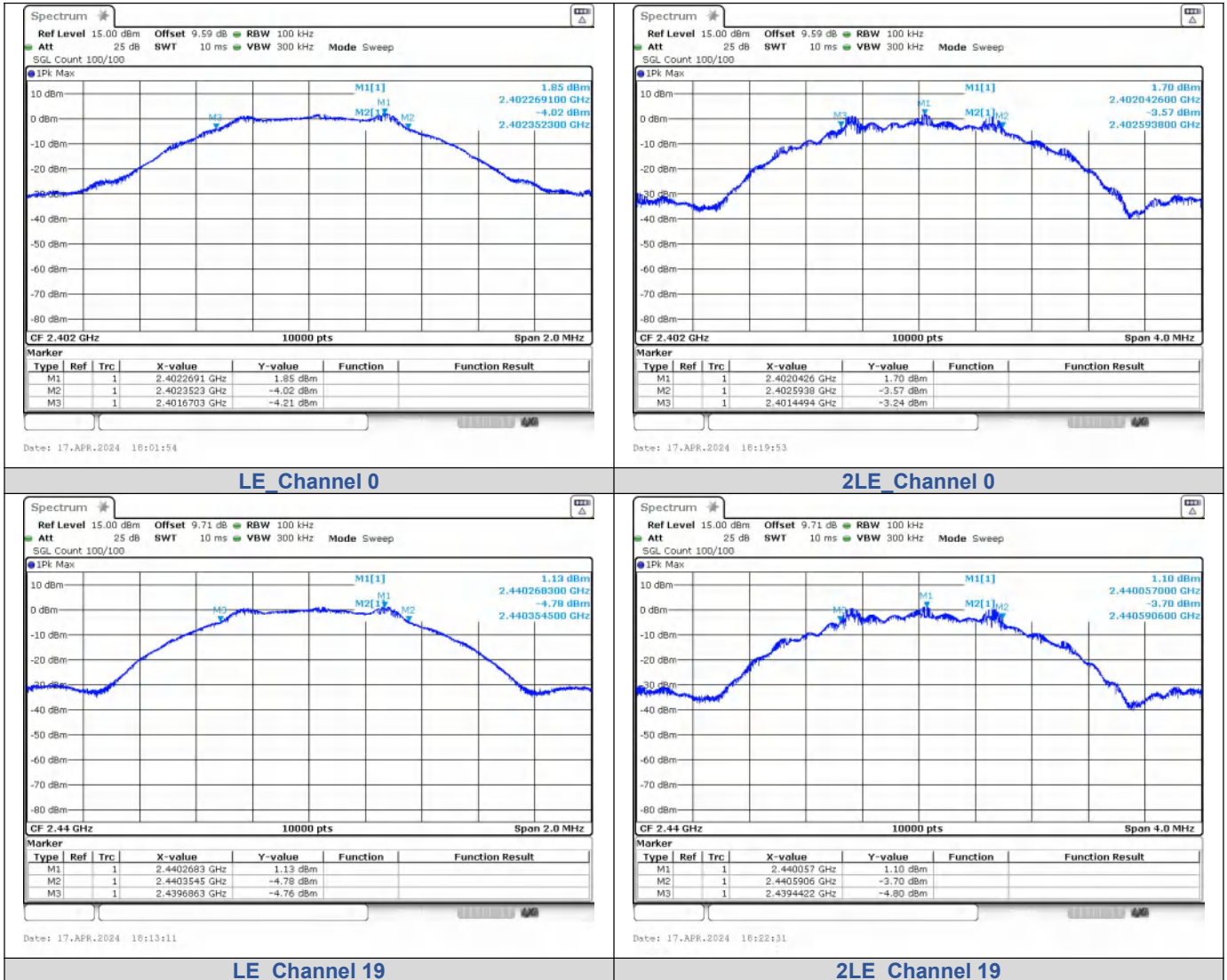
6dB Bandwidth

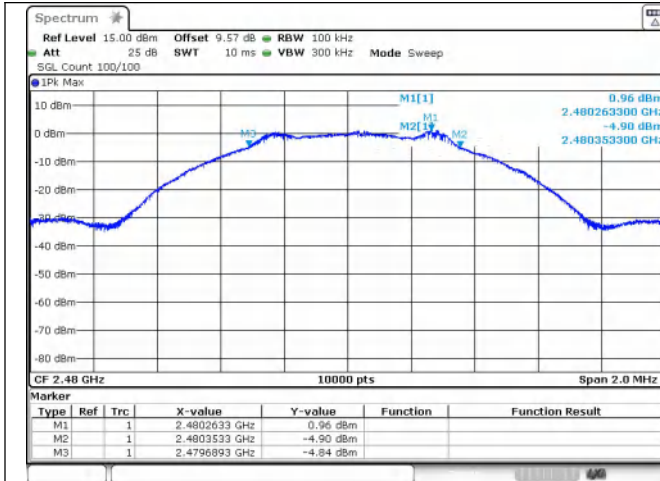
Left

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	0.6600		PASS
2LE	0	2402	1.140		PASS
	19	2440	1.150		PASS
	39	2480	1.150		PASS

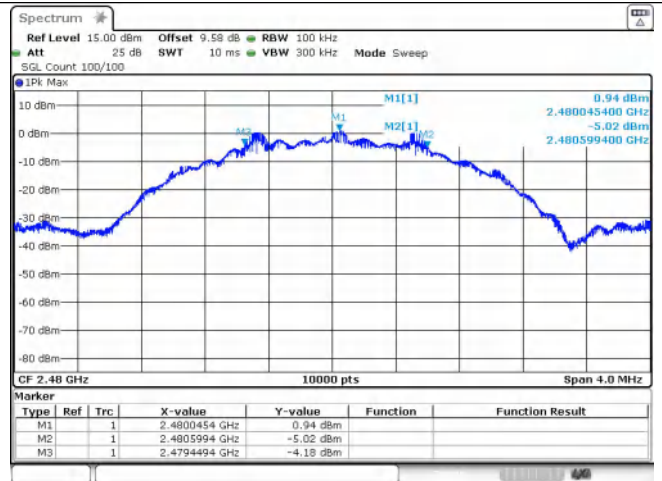
Test Graphs





Date: 17.APR.2024 16:16:10

LE_Channel 39



Date: 17.APR.2024 16:26:19

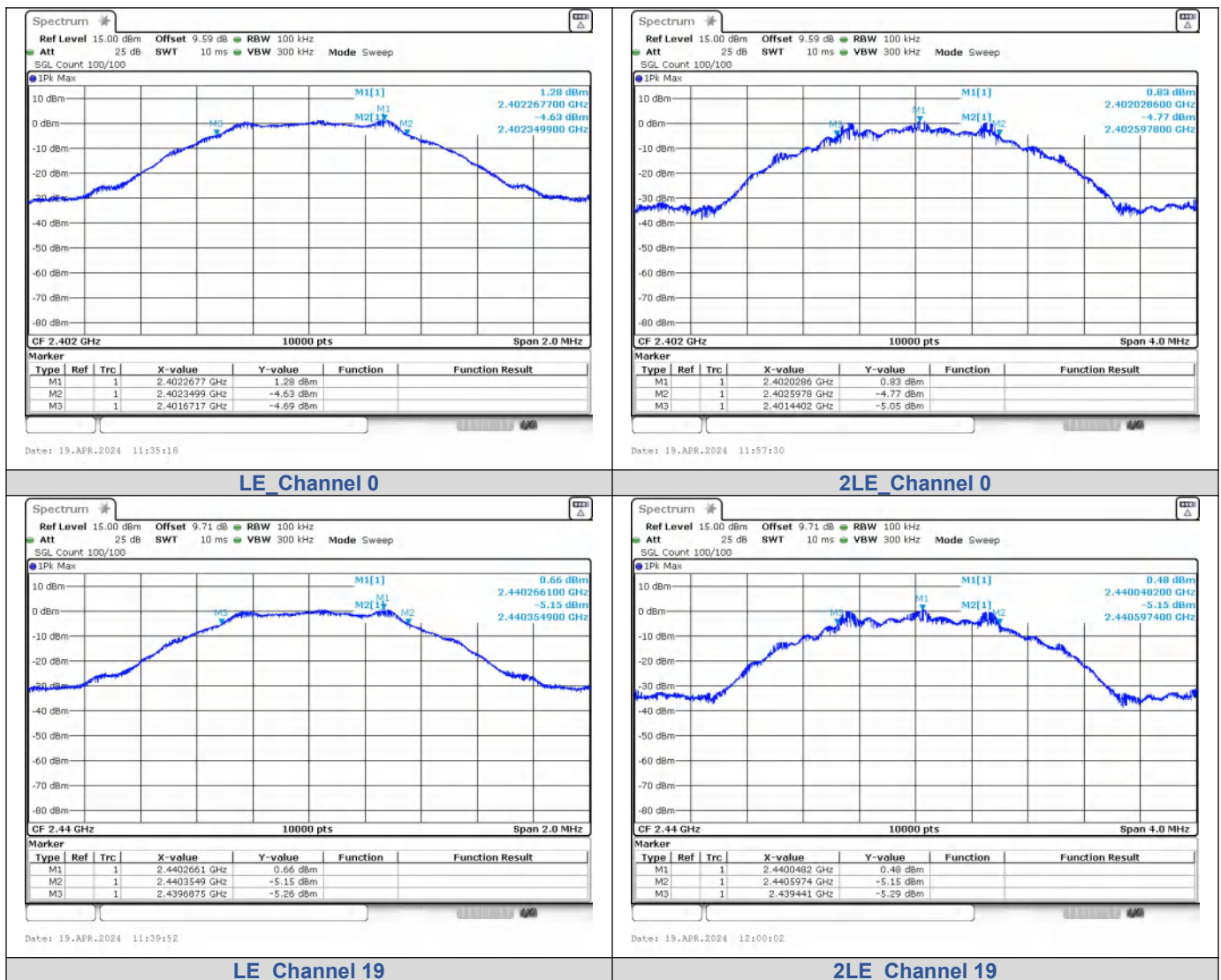
2LE_Channel 39

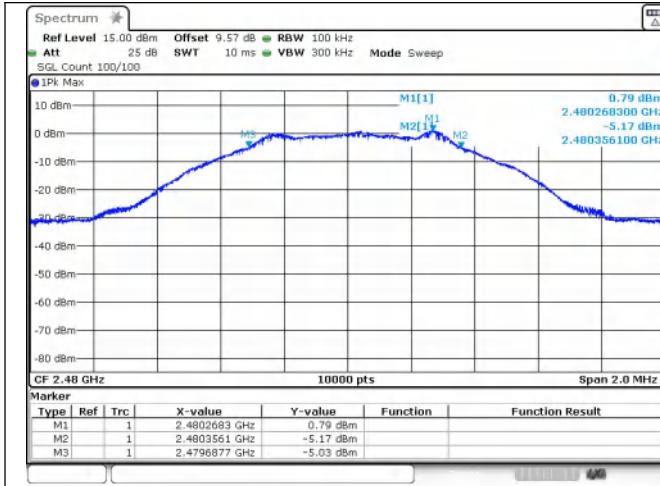
Right

Test Result

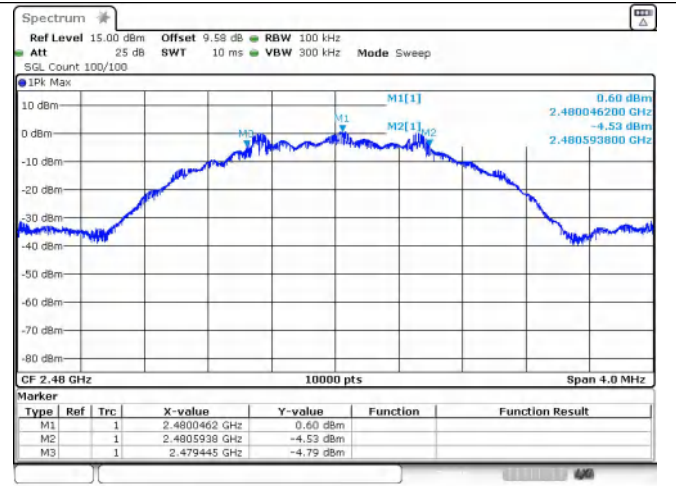
Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
LE	0	2402	0.6800	0.5	PASS
	19	2440	0.6600		PASS
	39	2480	0.6700		PASS
2LE	0	2402	1.160		PASS
	19	2440	1.160		PASS
	39	2480	1.140		PASS

Test Graphs





LE_Channel 39



2LE_Channel 39

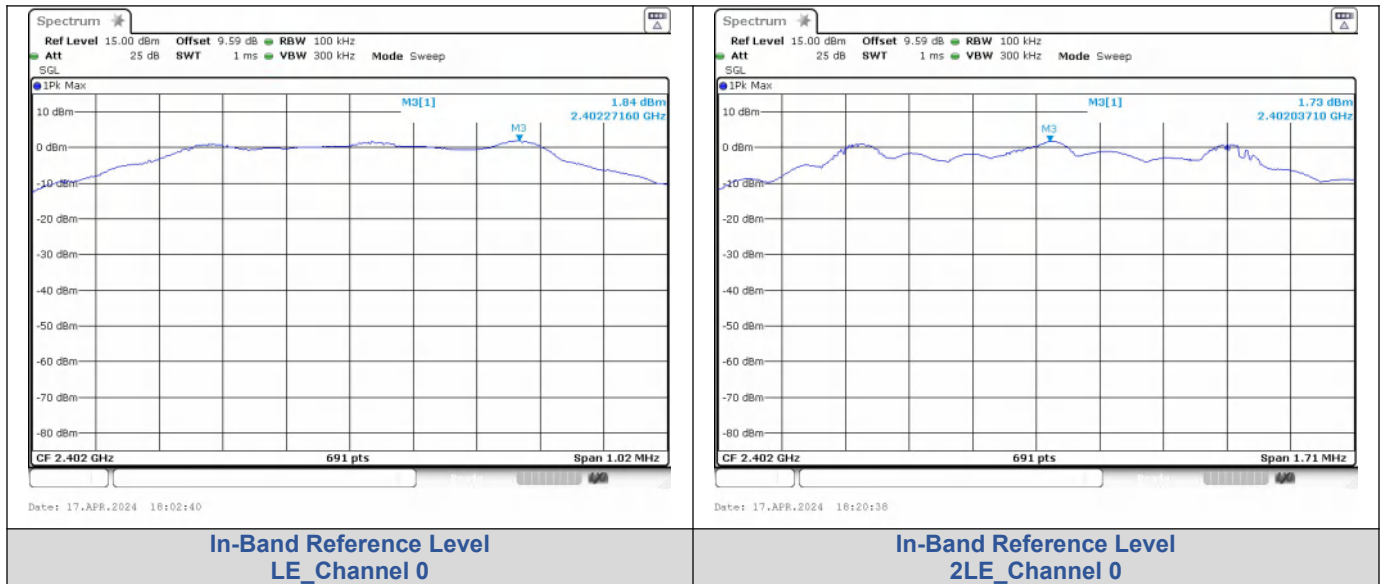
Conducted Out Of Band Emission

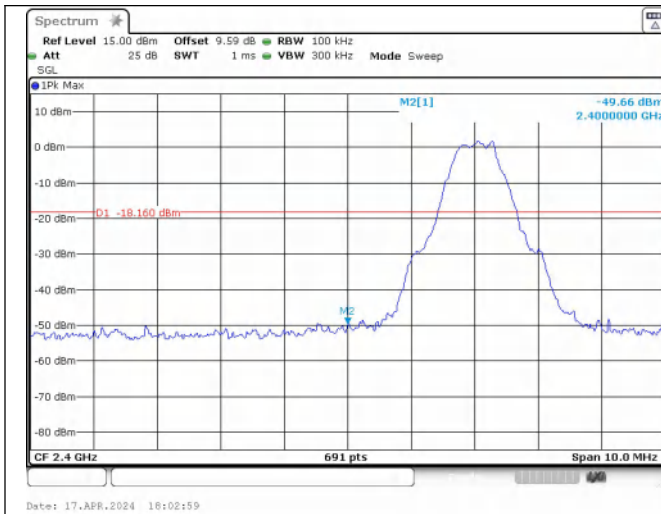
Left

Test Result

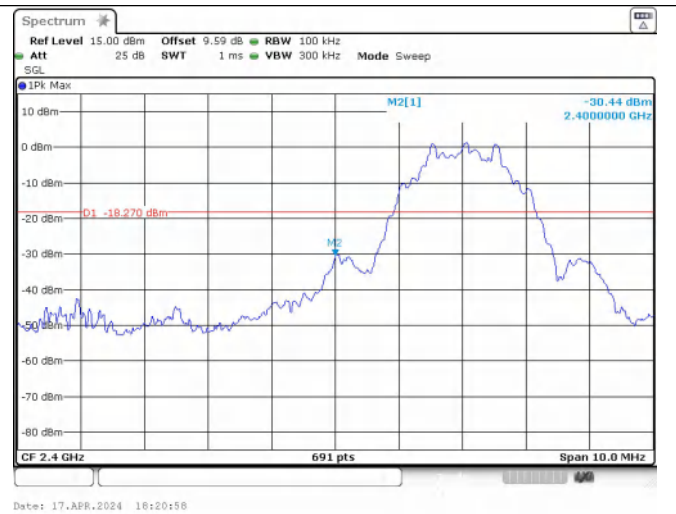
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-49.656	-18.16	-31.496	PASS
		7205.13	-39.801	-18.16	-21.641	PASS
	19	9753.73	-41.134	-18.9	-22.234	PASS
	39	2483.50	-47.553	-19.0	-28.553	PASS
		9914.37	-39.372	-19.0	-20.372	PASS
2LE	0	2400.00	-30.444	-18.27	-12.174	PASS
		7207.63	-44.218	-18.27	-25.948	PASS
	19	9753.73	-40.708	-18.81	-21.898	PASS
	39	2483.50	-50.965	-19.06	-31.905	PASS
		9914.37	-39.886	-19.06	-20.826	PASS

Test Graphs

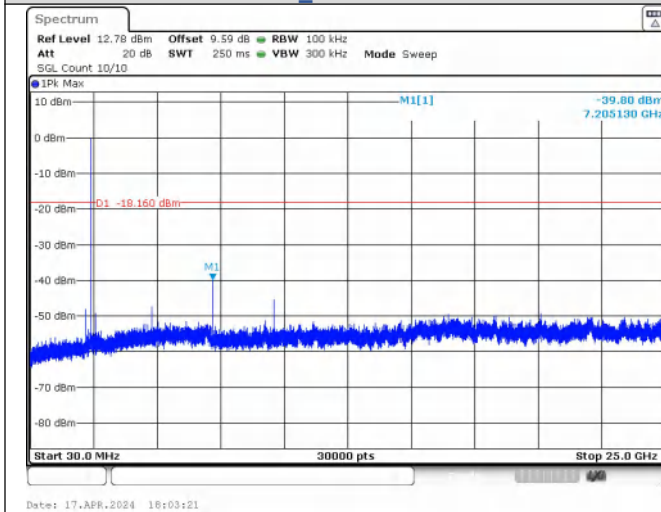




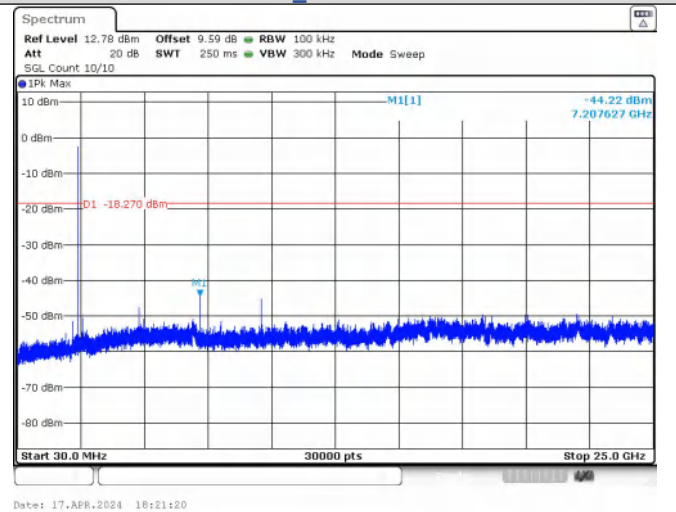
**Out Of Band Emission
LE_Channel 0**



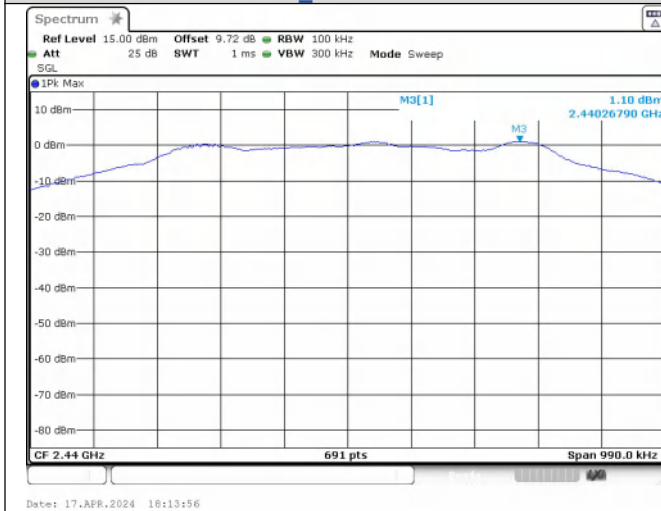
**Out Of Band Emission
2LE_Channel 0**



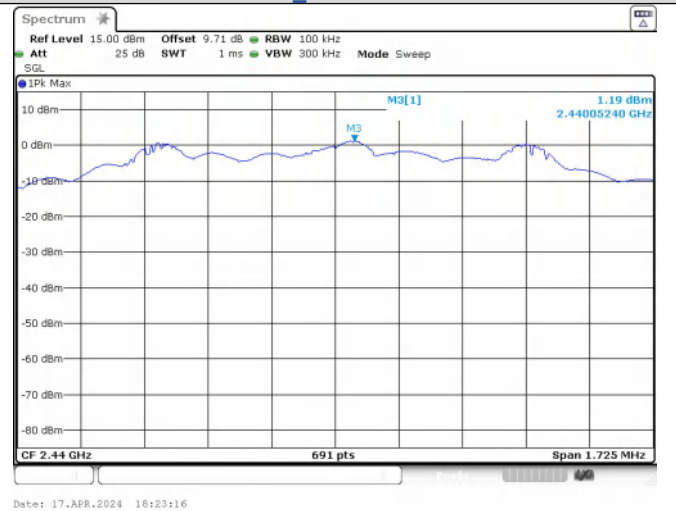
**Spurious Emission
LE_Channel 0**



**Spurious Emission
2LE_Channel 0**

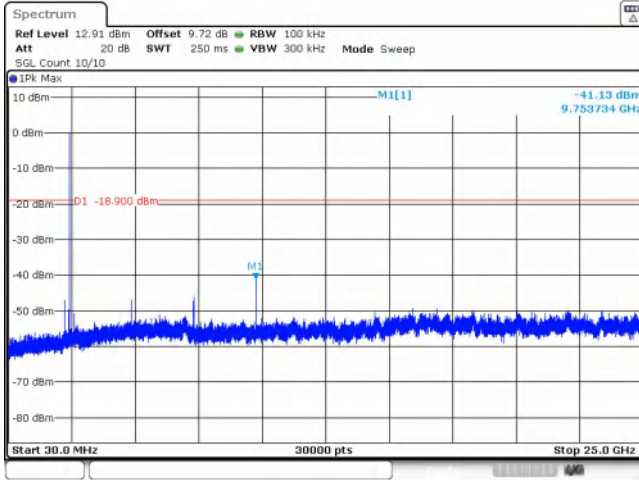


In-Band Reference Level



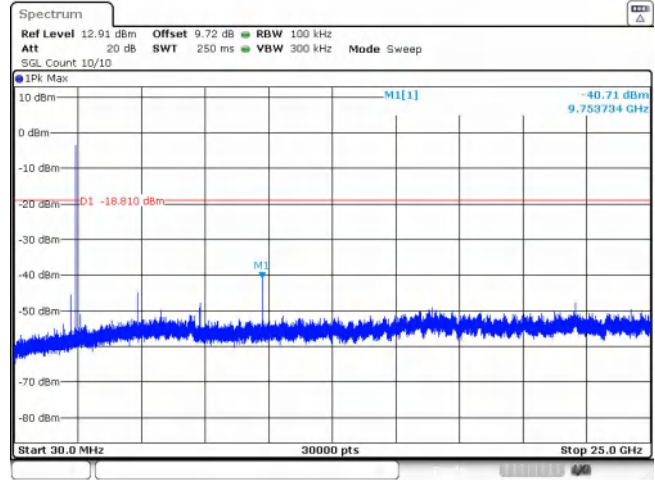
In-Band Reference Level

LE_Channel 19



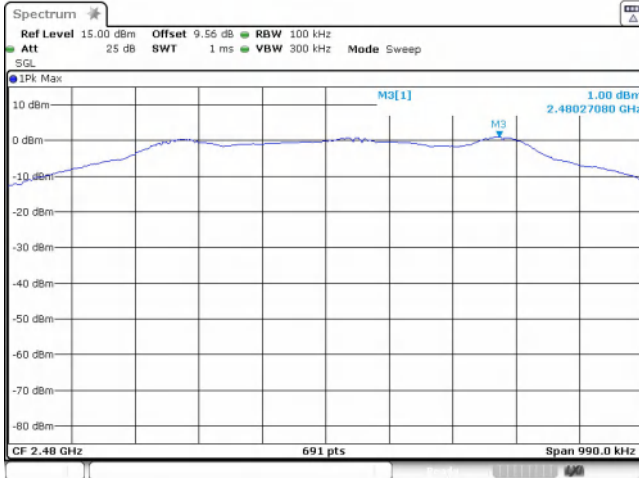
Date: 17.APR.2024 16:14:20

2LE_Channel 19



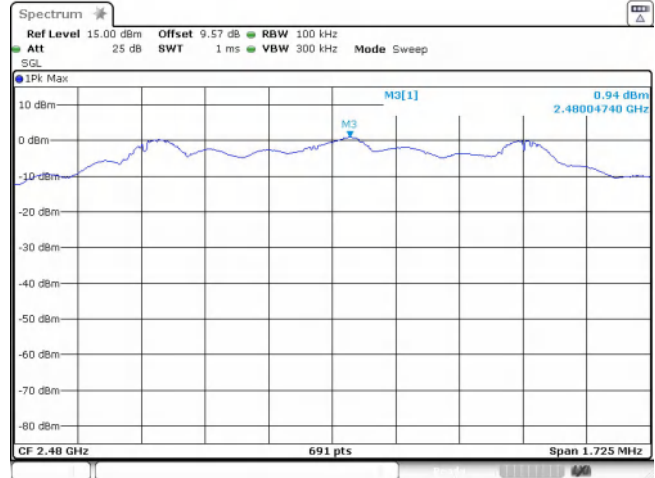
Date: 17.APR.2024 16:23:41

Spurious Emissions LE_Channel 19



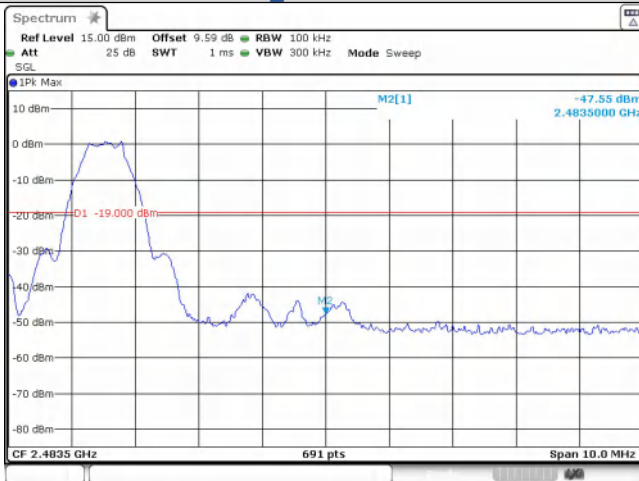
Date: 17.APR.2024 16:16:56

Spurious Emissions 2LE_Channel 19



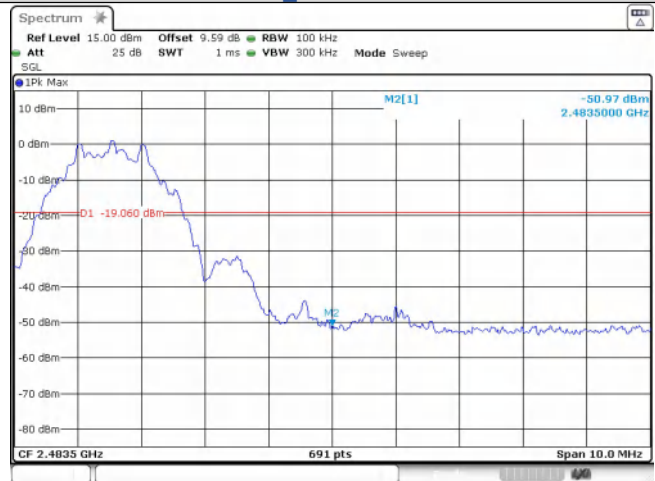
Date: 17.APR.2024 16:29:05

In-Band Reference Level LE_Channel 39



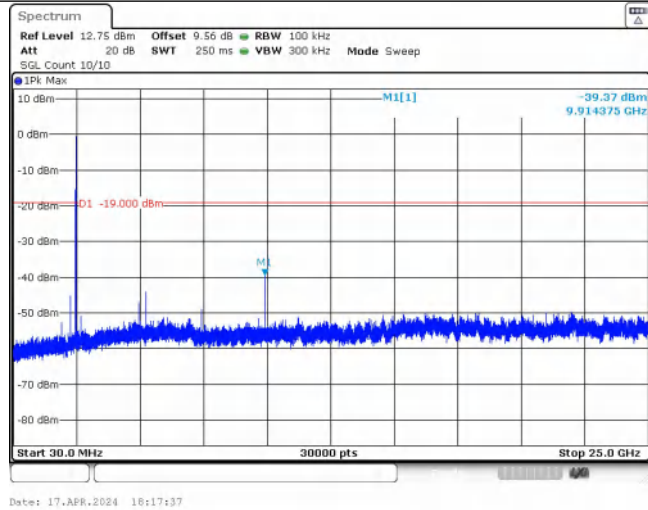
Date: 17.APR.2024 16:17:15

In-Band Reference Level 2LE_Channel 39



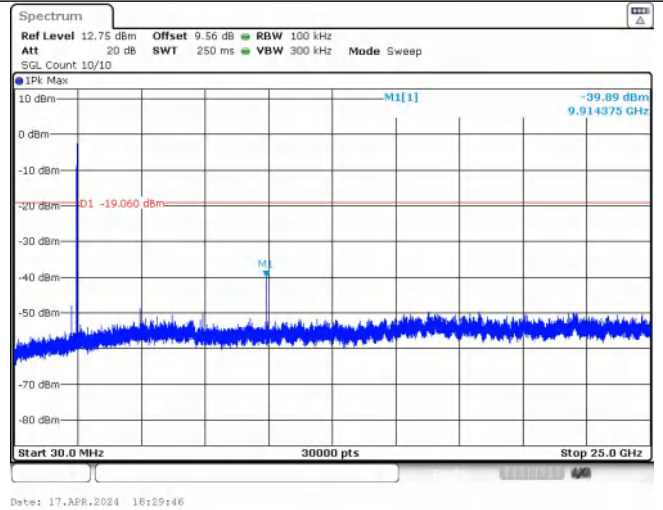
Date: 17.APR.2024 16:29:24

**Out Of Band Emission
LE_Channel 39**



**Spurious Emission
LE_Channel 39**

**Out Of Band Emission
2LE_Channel 39**



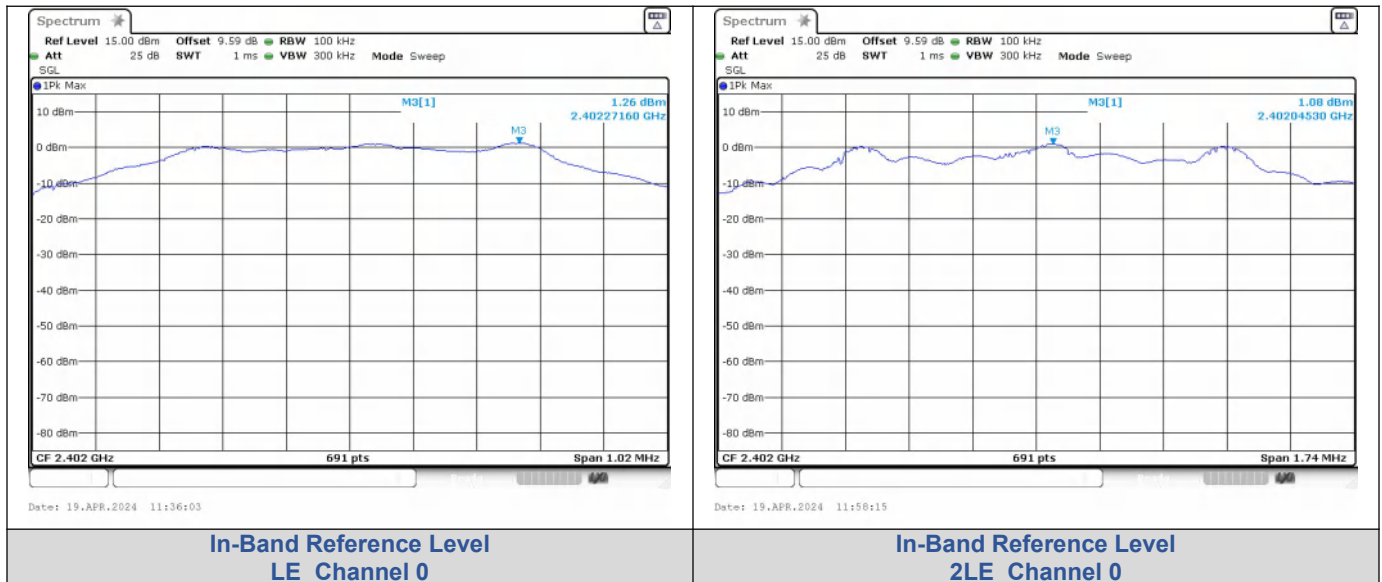
**Spurious Emission
2LE_Channel 39**

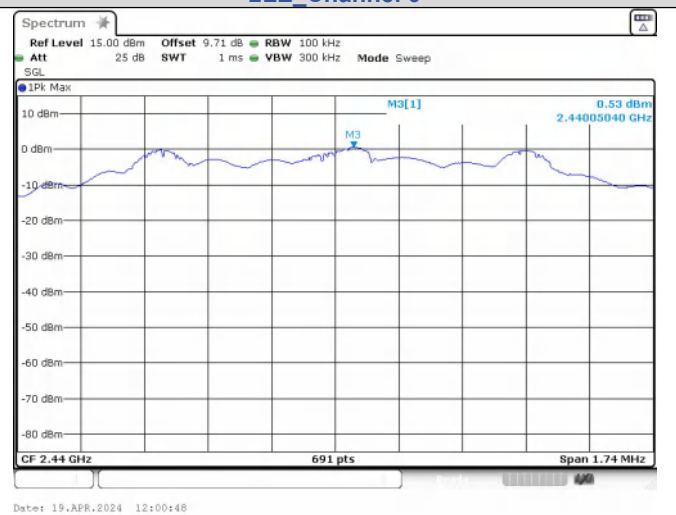
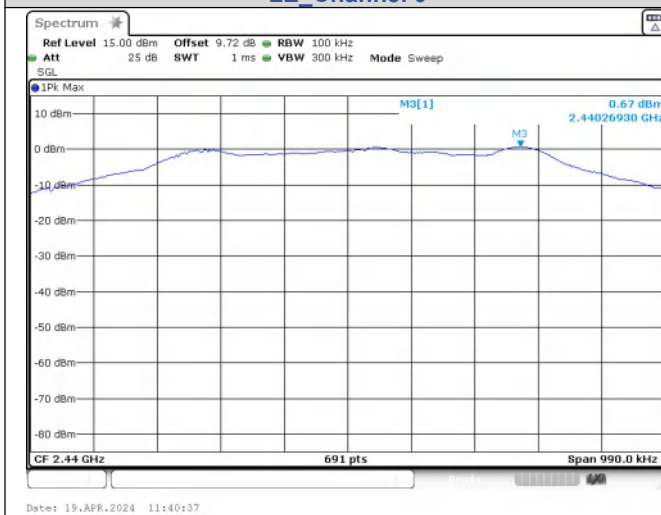
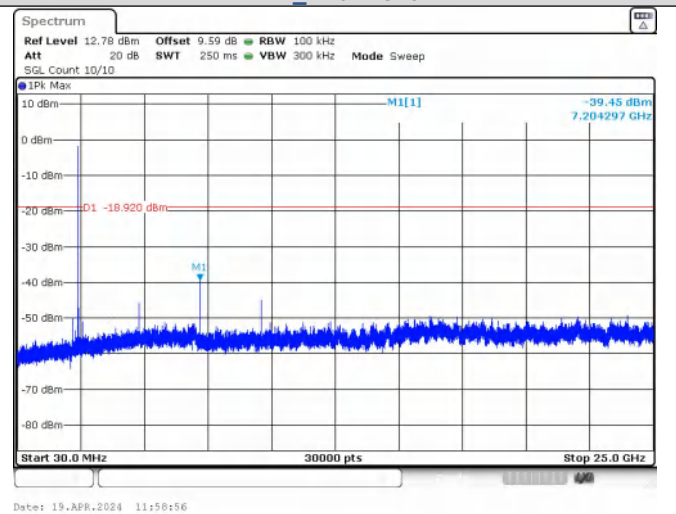
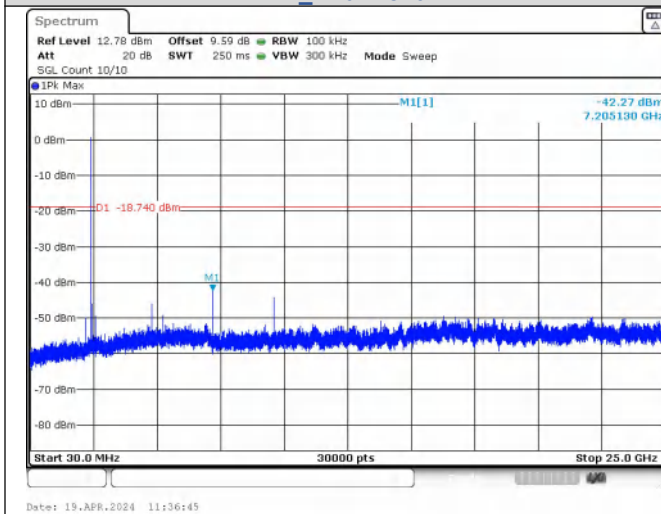
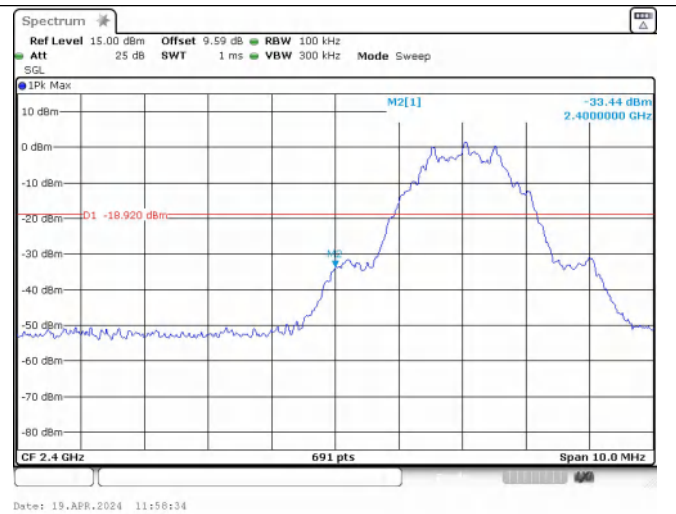
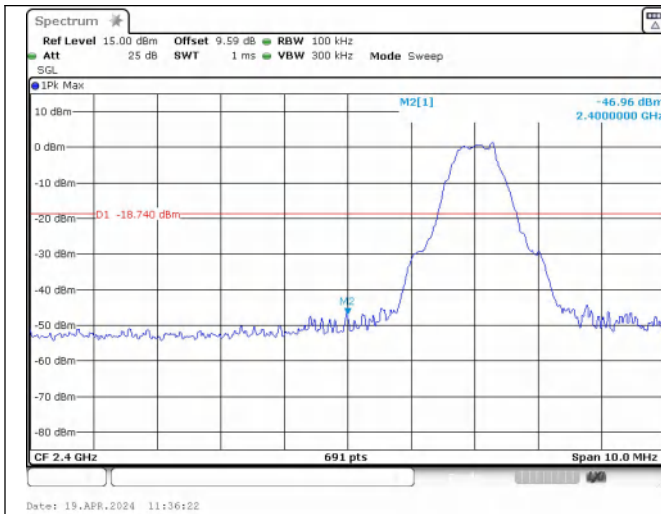
Right

Test Result

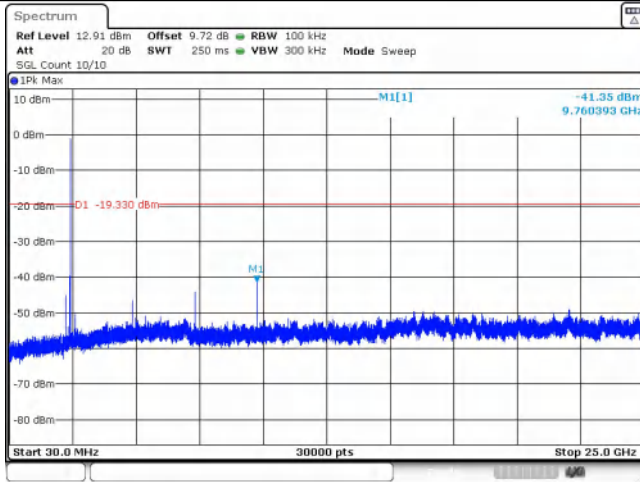
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-46.959	-18.74	-28.219	PASS
		7205.13	-42.271	-18.74	-23.531	PASS
	19	9760.39	-41.347	-19.33	-22.017	PASS
		2483.50	-53.349	-19.23	-34.119	PASS
		9920.20	-40.702	-19.23	-21.472	PASS
2LE	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



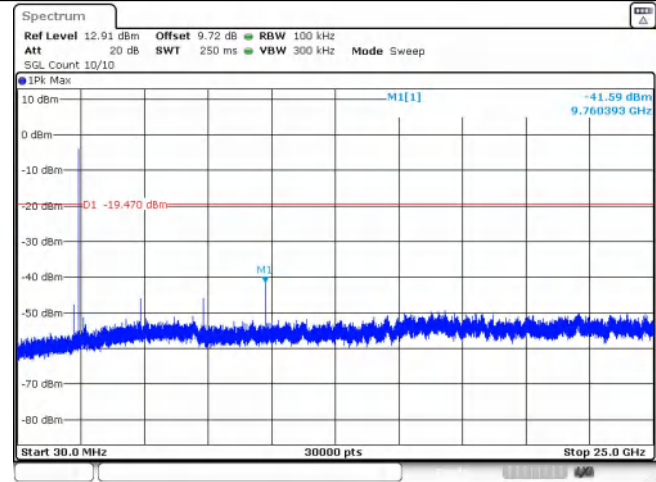


LE_Channel 19



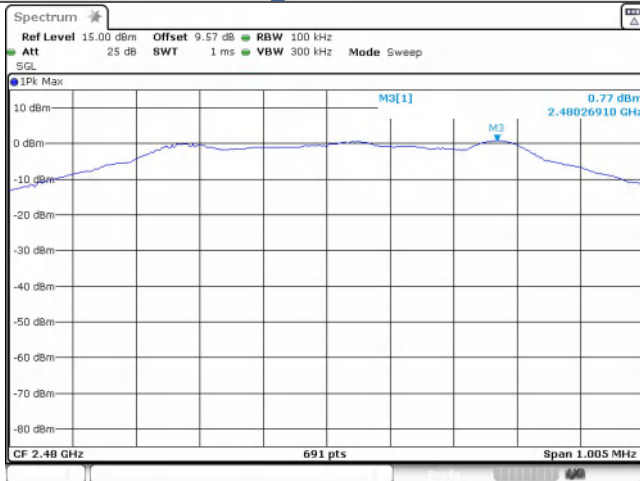
Date: 19.APR.2024 11:41:01

2LE_Channel 19



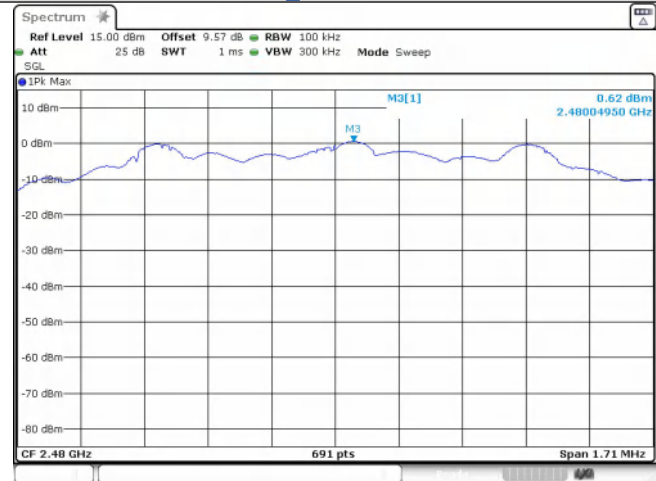
Date: 19.APR.2024 12:01:12

Spurious Emissions LE_Channel 19



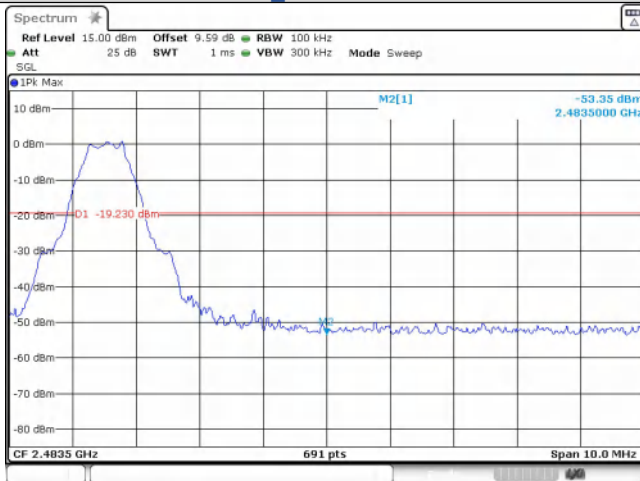
Date: 19.APR.2024 11:47:13

Spurious Emissions 2LE_Channel 19



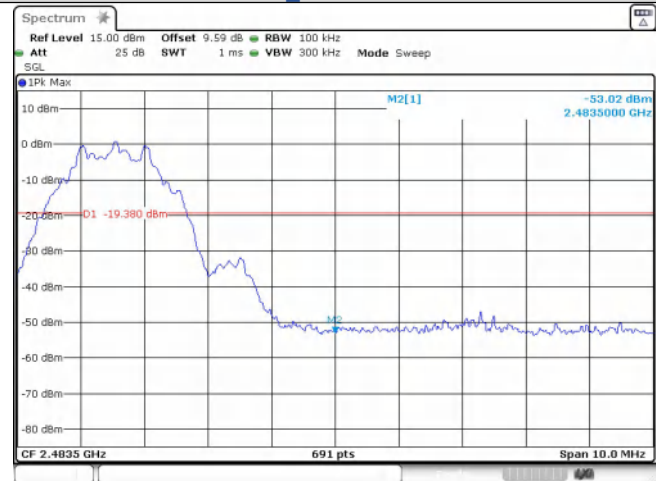
Date: 19.APR.2024 12:03:05

In-Band Reference Level LE_Channel 39



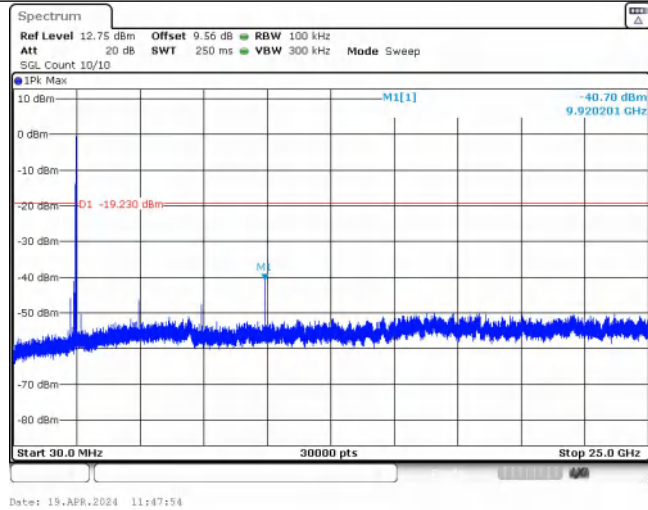
Date: 19.APR.2024 11:47:32

In-Band Reference Level 2LE_Channel 39



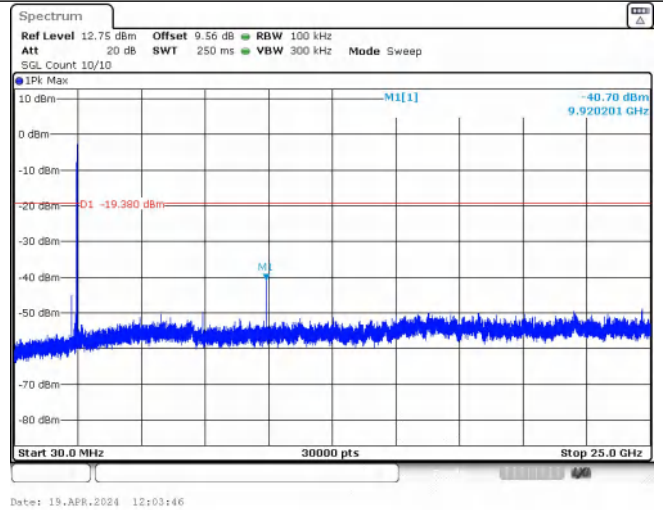
Date: 19.APR.2024 12:03:24

**Out Of Band Emission
LE_Channel 39**



**Spurious Emission
LE_Channel 39**

**Out Of Band Emission
2LE_Channel 39**



**Spurious Emission
2LE_Channel 39**

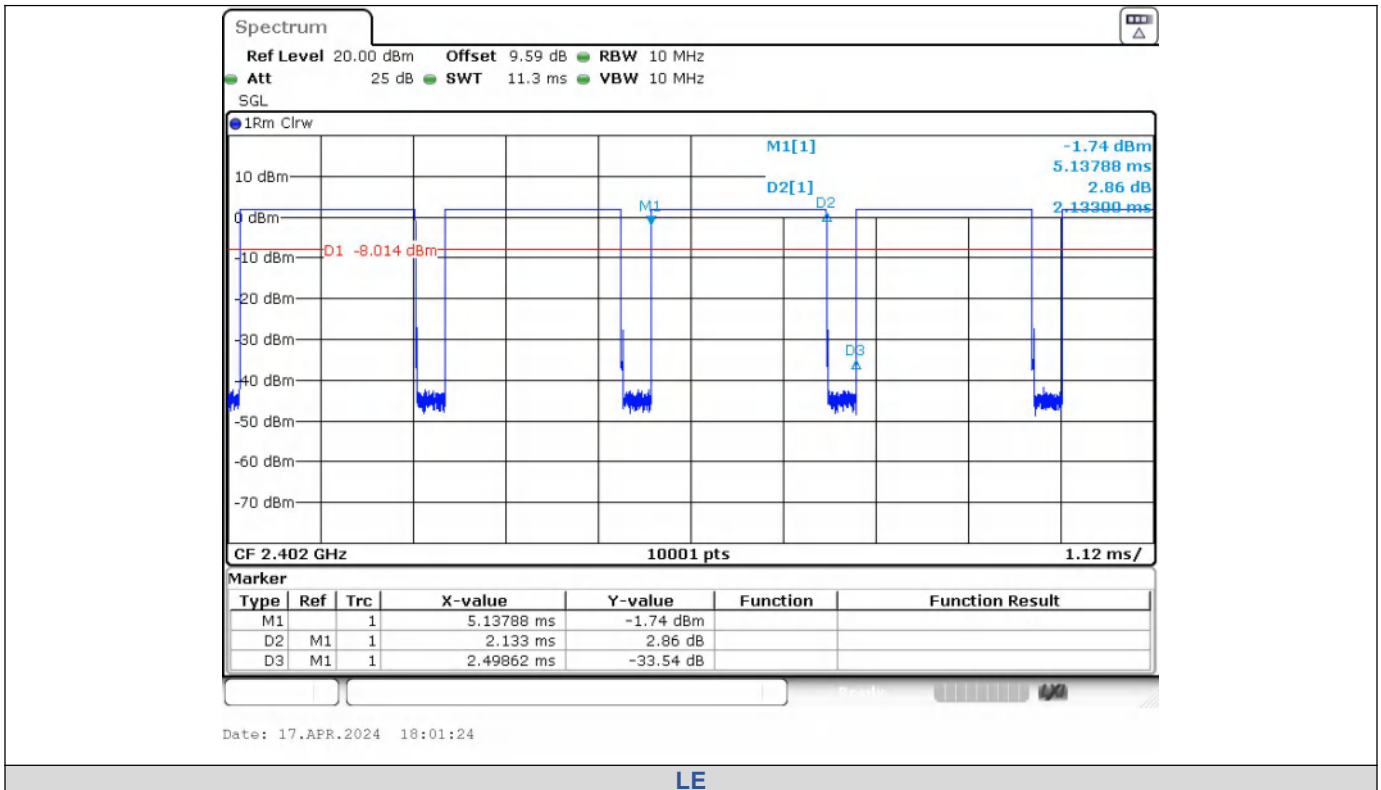
Duty Cycle

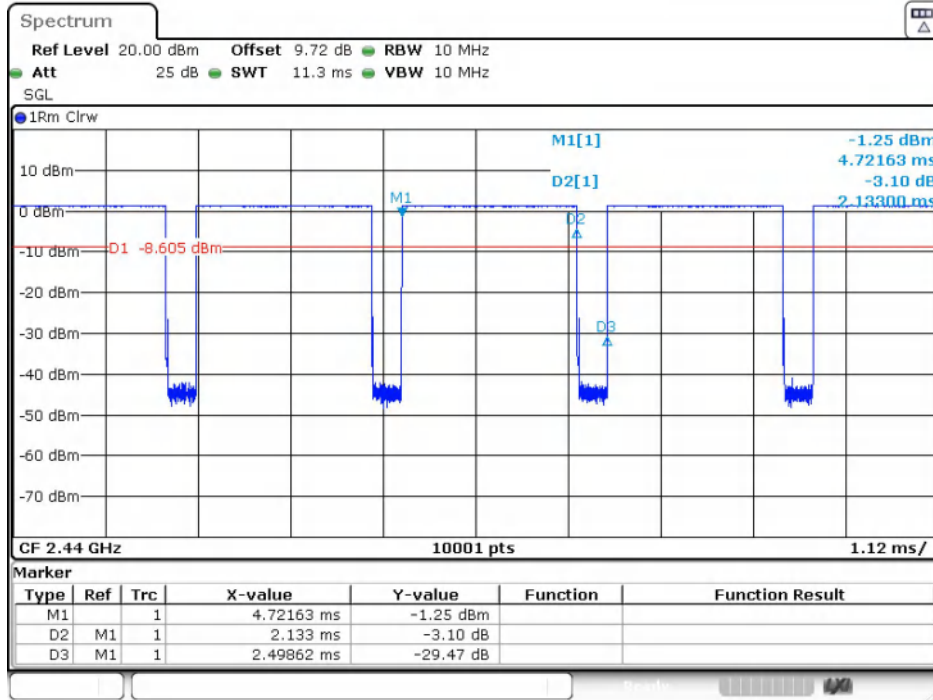
Left

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	2.132	2.499	85.32	0.8532	0.6895	0.47
2LE	0	1.081	2.499	43.27	0.4327	3.6381	0.93
	19	1.080	2.499	43.22	0.4322	3.6432	0.93
	39	1.081	2.500	43.25	0.4325	3.6401	0.93

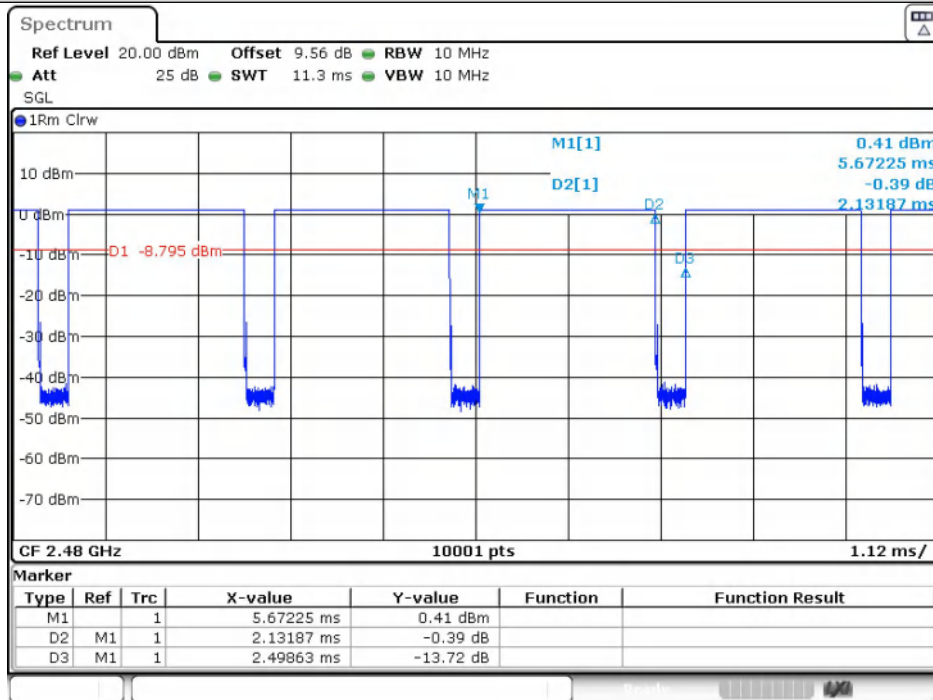
Test Graphs





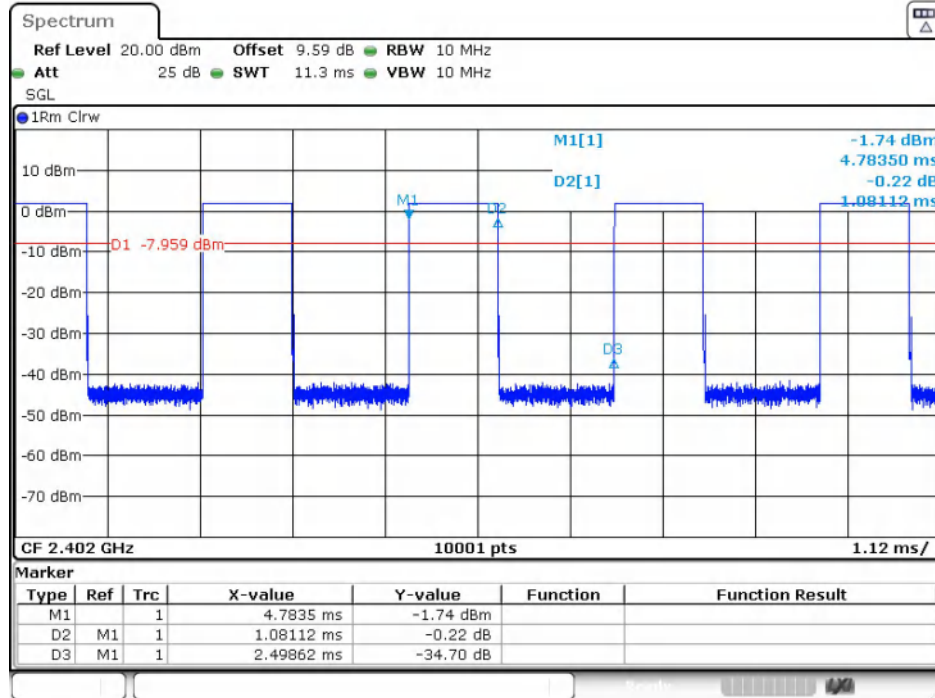
Date: 17.APR.2024 18:12:41

LE



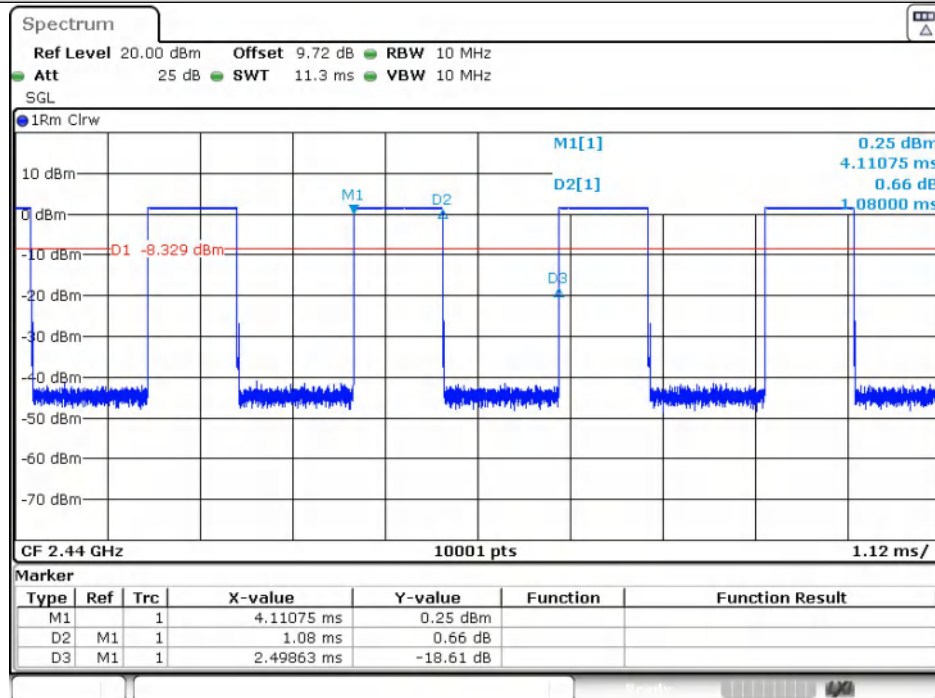
Date: 17.APR.2024 18:15:40

LE



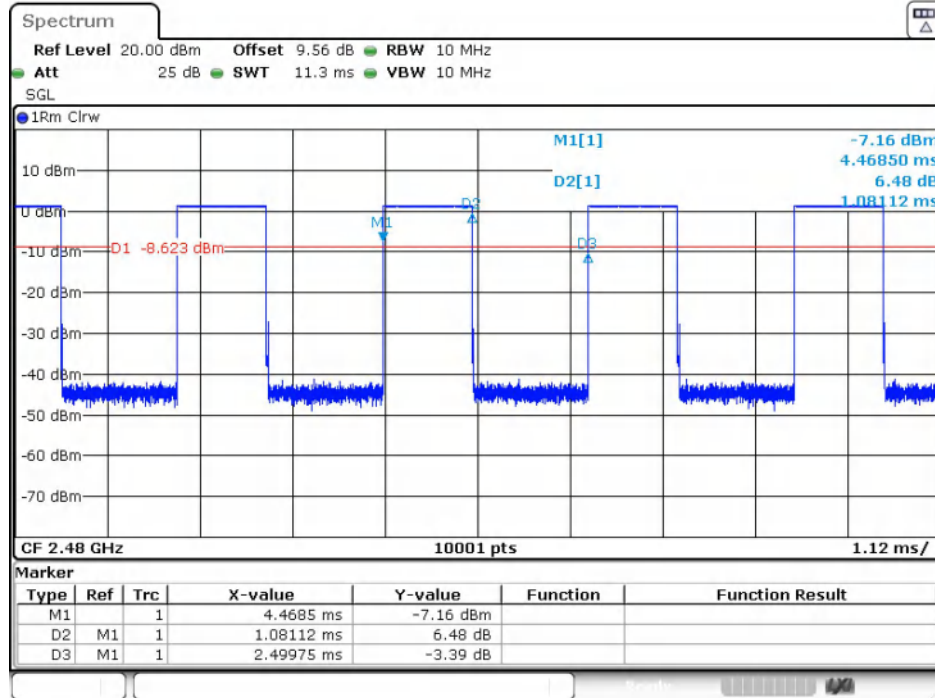
Date: 17.APR.2024 18:19:23

2LE



Date: 17.APR.2024 18:22:01

2LE



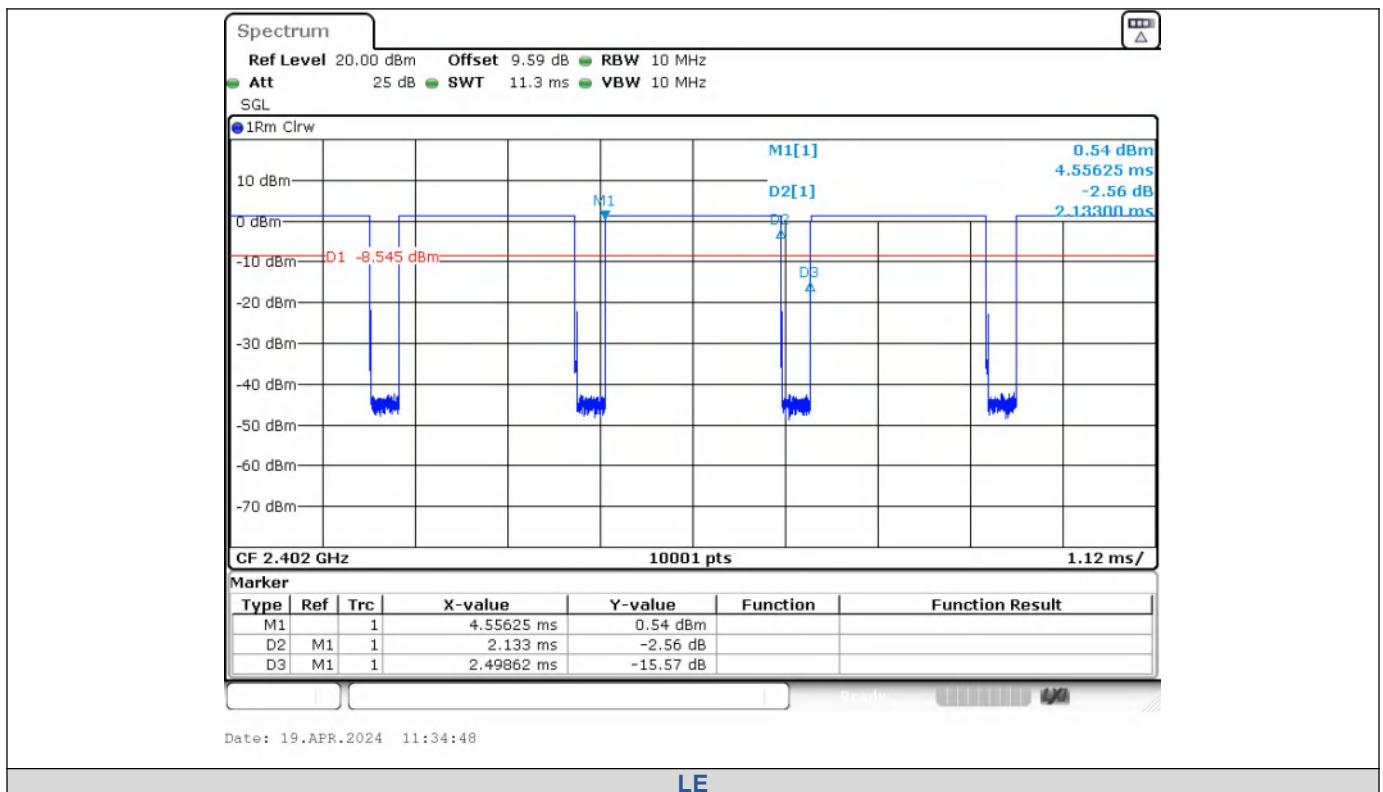
Date: 17.APR.2024 18:27:49

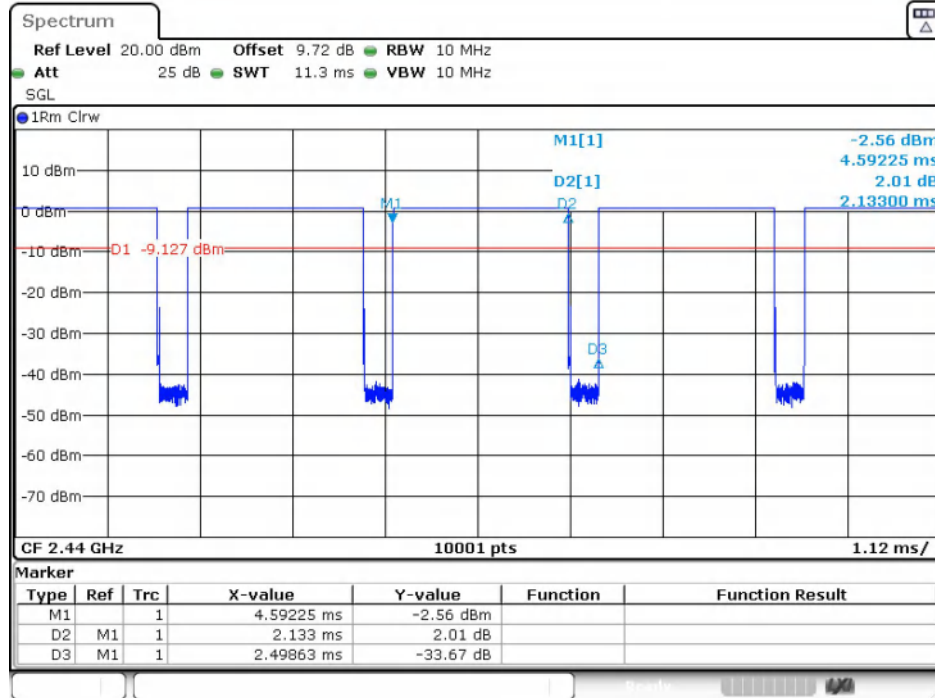
Right

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

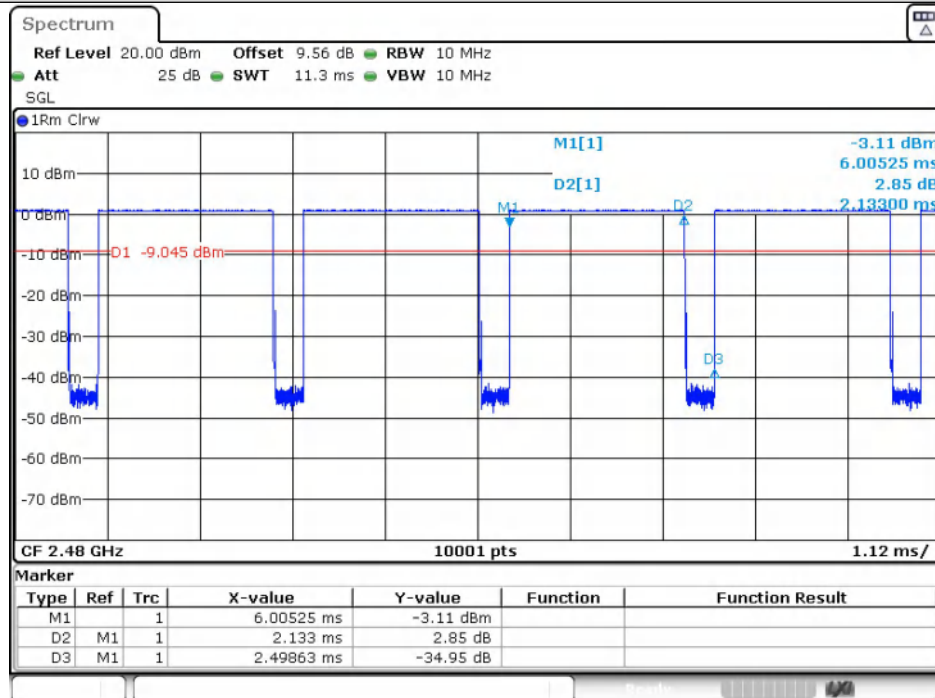
Test Graphs





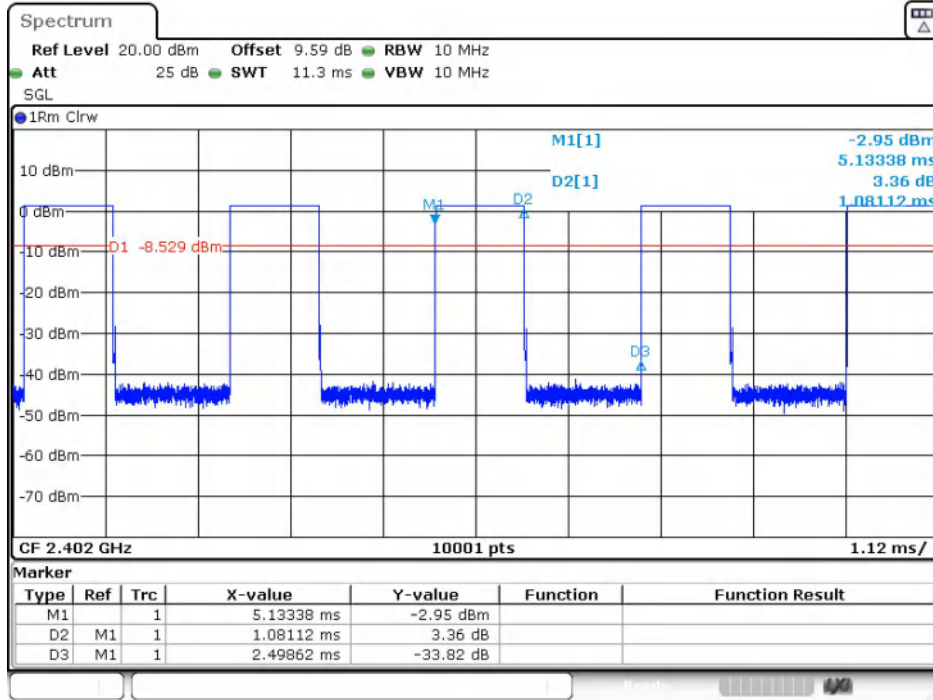
Date: 19.APR.2024 11:39:21

LE



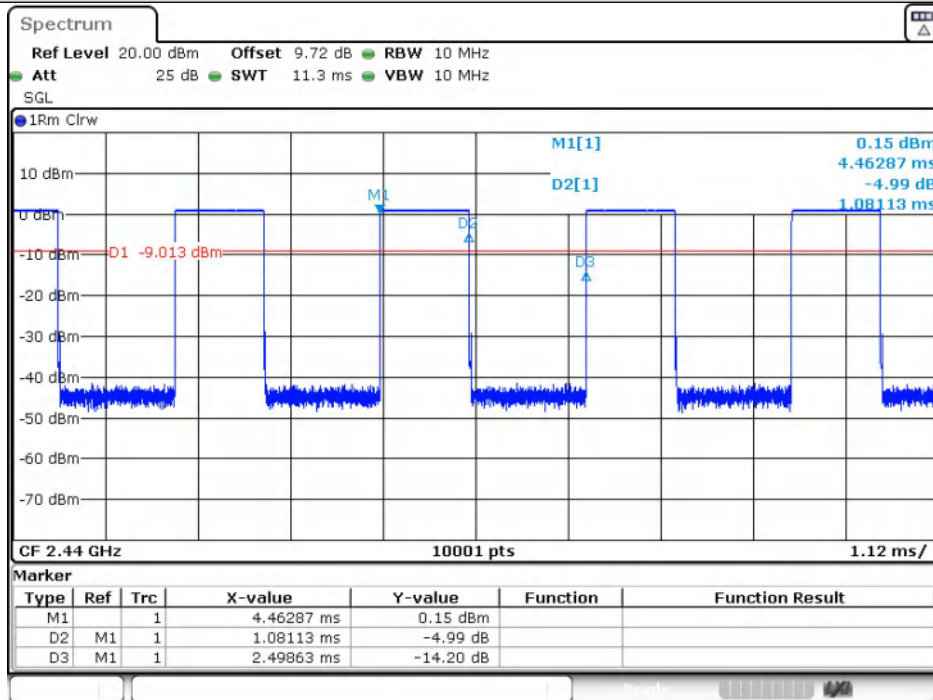
Date: 19.APR.2024 11:45:57

LE



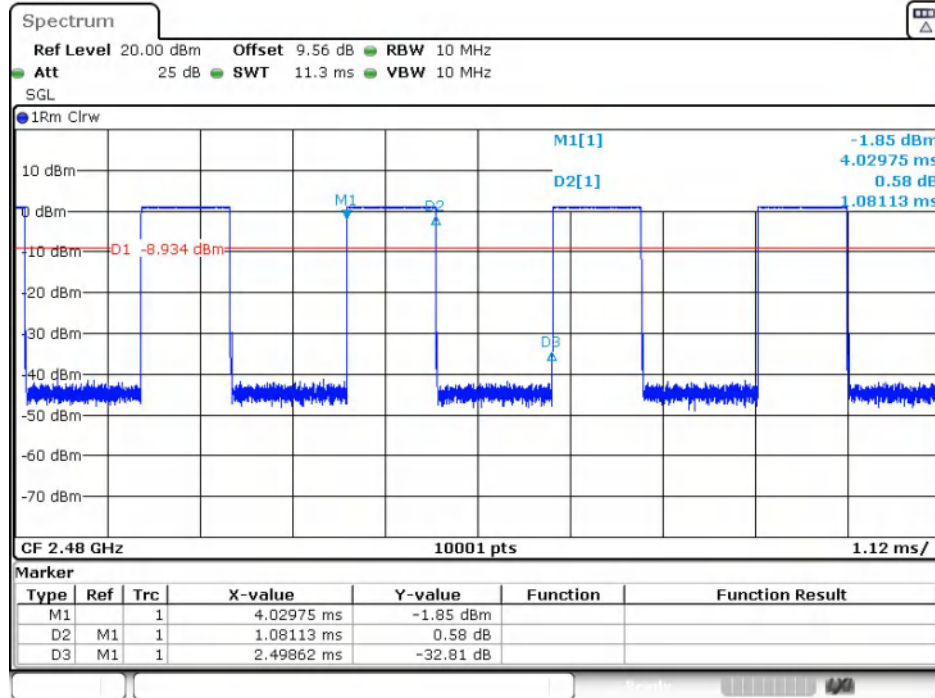
Date: 19.APR.2024 11:57:00

2LE



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

2LE



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

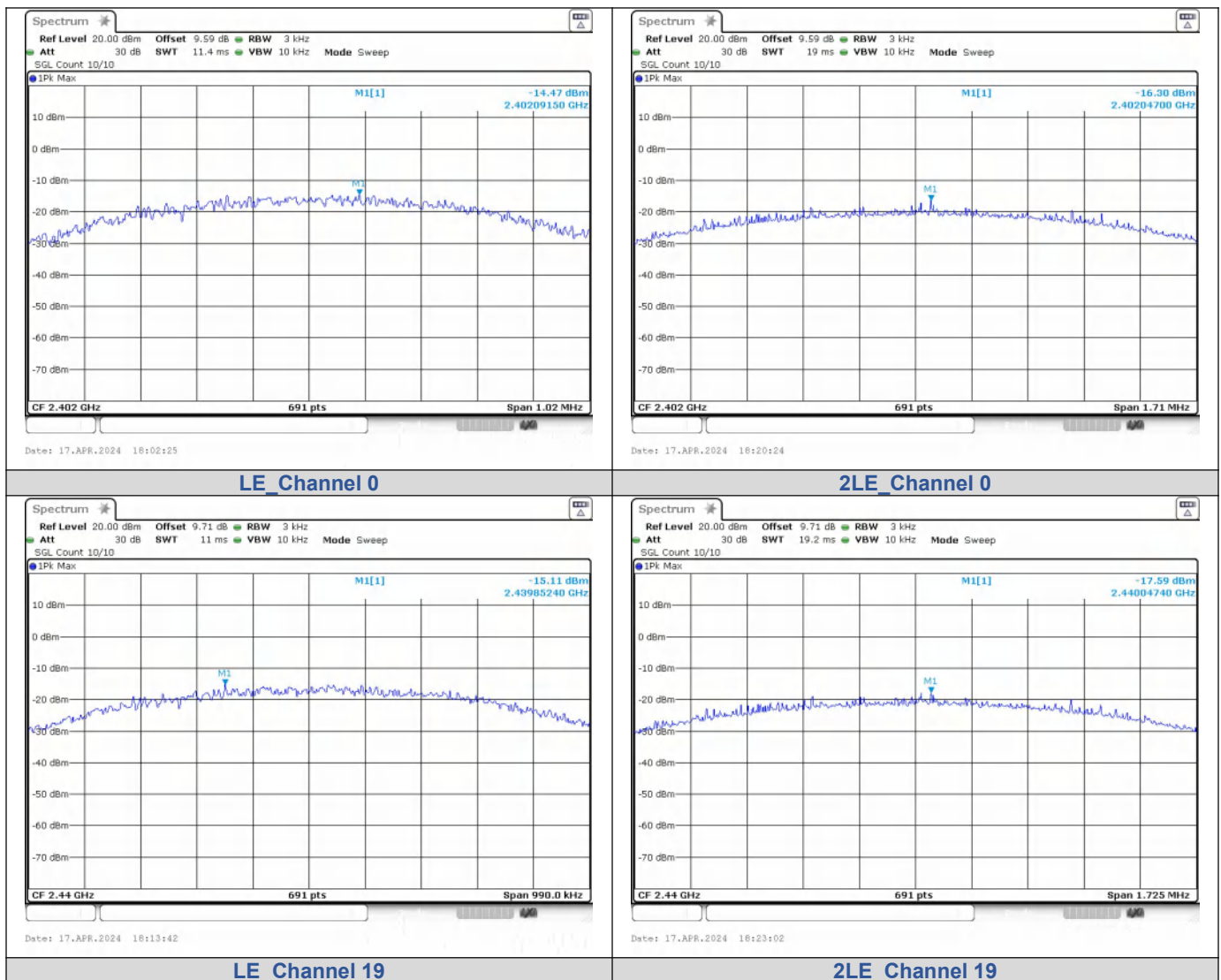
Power Spectral Density

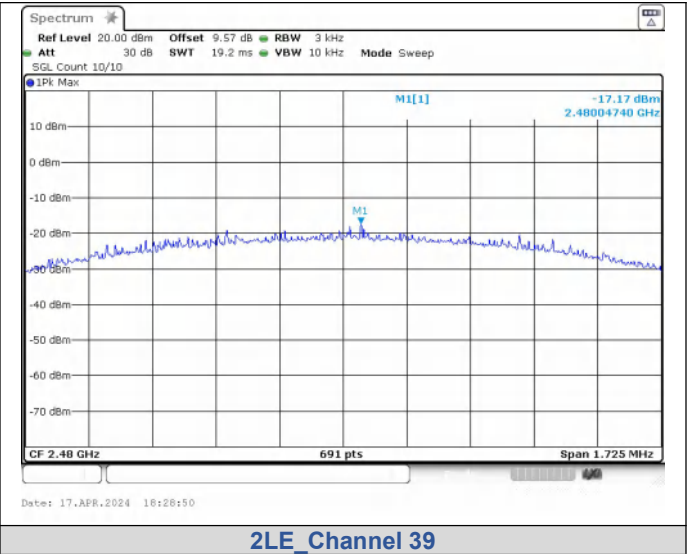
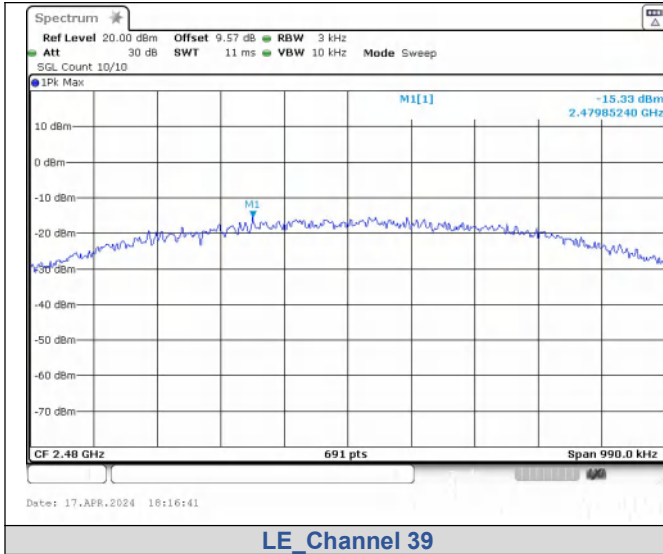
Left

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-14.469	8	PASS
LE	19	-15.105	8	PASS
LE	39	-15.328	8	PASS
2LE	0	-16.300	8	PASS
2LE	19	-17.585	8	PASS
2LE	39	-17.165	8	PASS

Test Graphs





Right 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

