

Appendix B

Report No.:	CISRR24040703802
FCC ID:	2BFTE-G15PRO
Product Name:	BLUETOOTH HEADPHONES WITH SCREEN AND VISUALS
Model No.:	G15 Pro
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	2.440	1.75	30	PASS
	19	2.946	1.97	30	PASS
	39	3.184	2.08	30	PASS
2LE	0	3.252	2.11	30	PASS
	19	3.906	2.46	30	PASS
	39	4.303	2.69	30	PASS

Right

Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	2.439	1.75	30	PASS
	19	1.844	1.53	30	PASS
	39	2.351	1.72	30	PASS
2LE	0	2.570	1.81	30	PASS
	19	2.102	1.62	30	PASS
	39	2.558	1.80	30	PASS

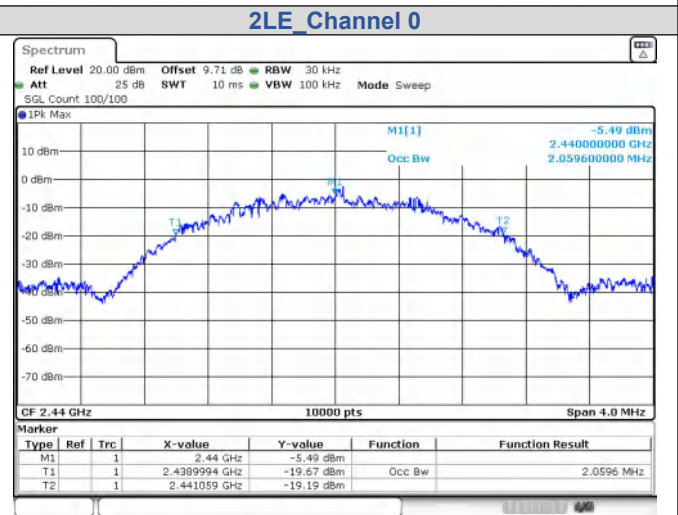
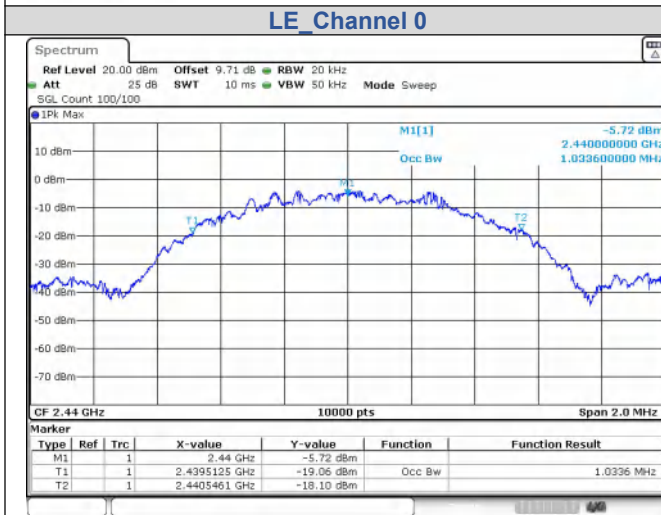
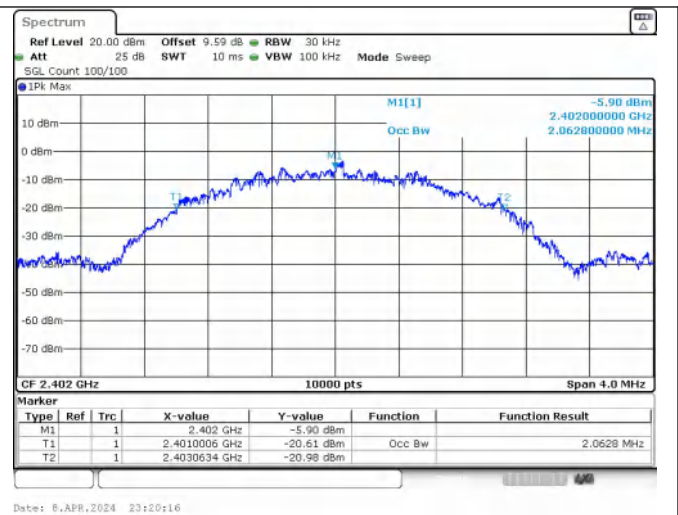
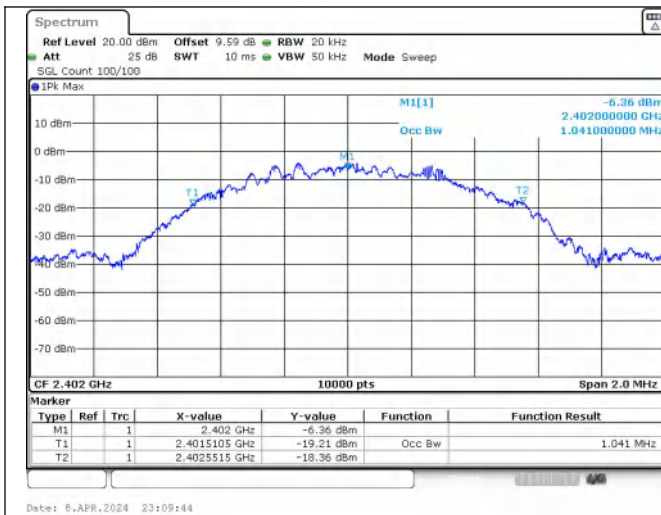
99% Bandwidth

Left

Test Result

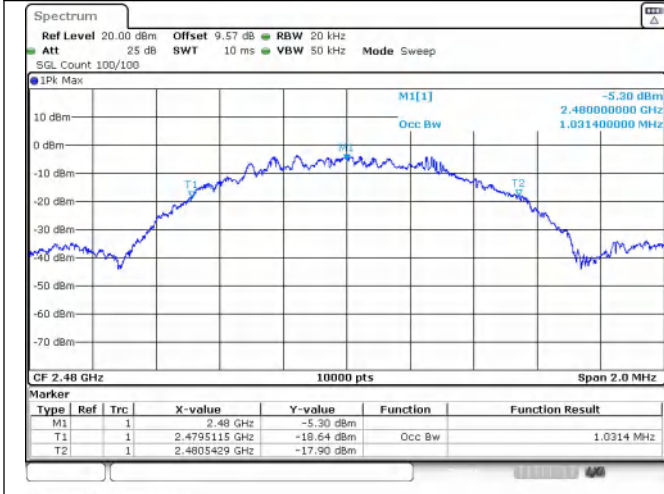
Mode	Channel	99% BW (MHz)
LE	0	1.0410
LE	19	1.0340
LE	39	1.0310
2LE	0	2.0630
2LE	19	2.0600
2LE	39	2.0560

Test Graphs

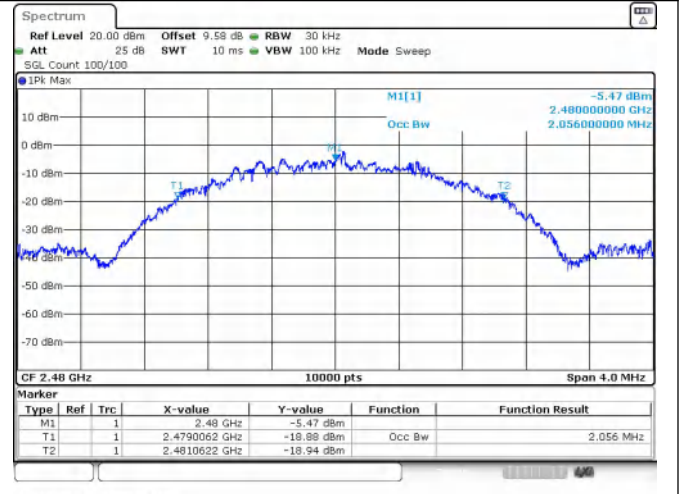


LE Channel 19

2LE Channel 19



LE_Channel 39



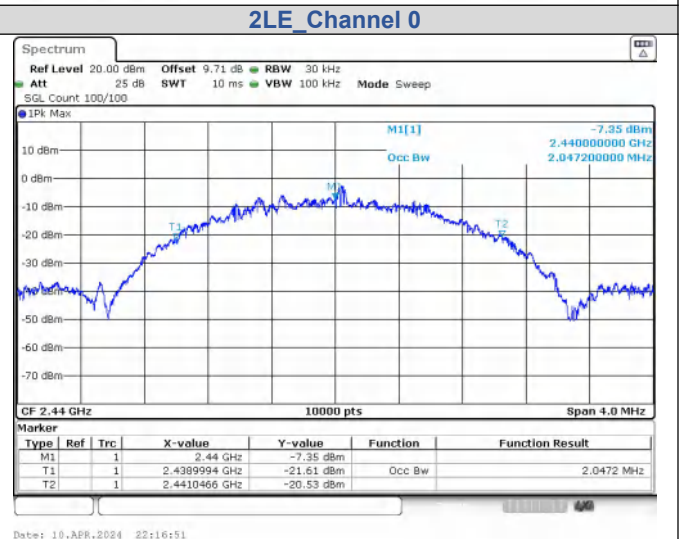
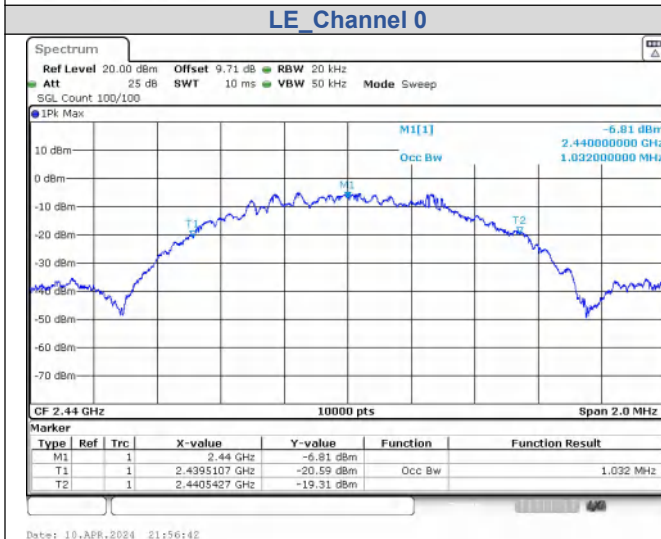
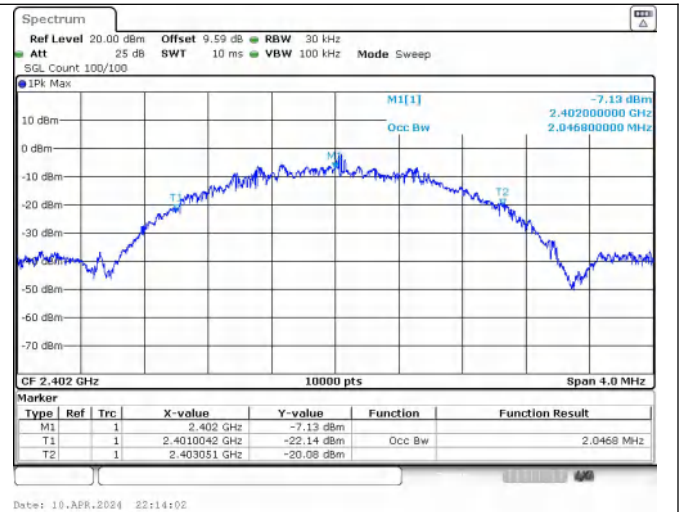
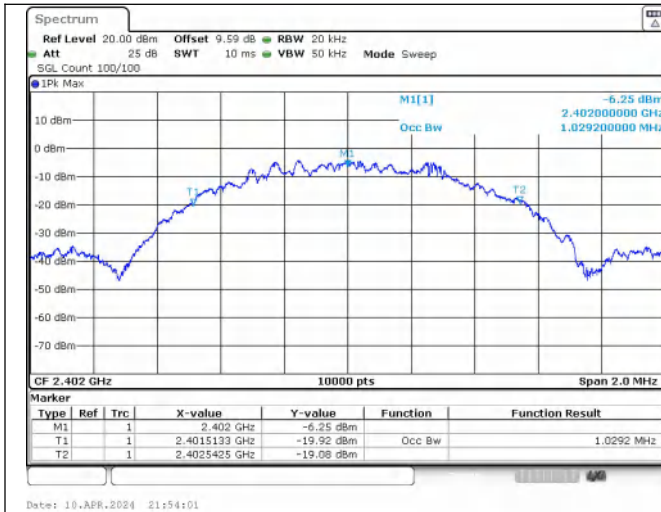
2LE_Channel 39

Right

Test Result

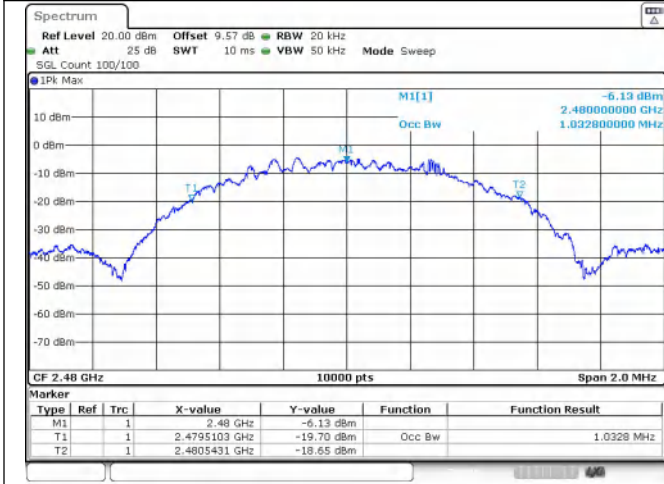
Mode	Channel	99% BW (MHz)
LE	0	1.0290
LE	19	1.0320
LE	39	1.0330
2LE	0	2.0470
2LE	19	2.0470
2LE	39	2.0460

Test Graphs

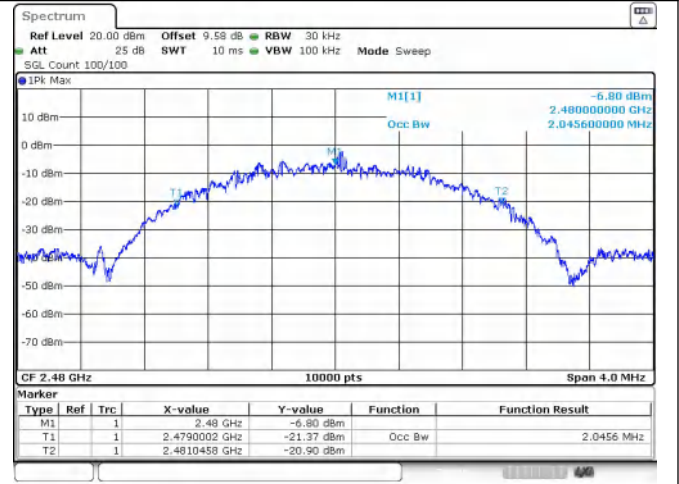


LE_Channel 19

2LE_Channel 19



LE_Channel 39



2LE_Channel 39

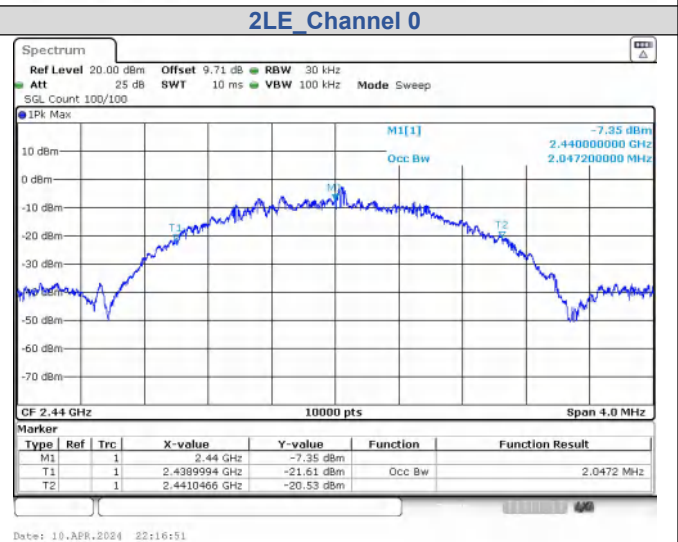
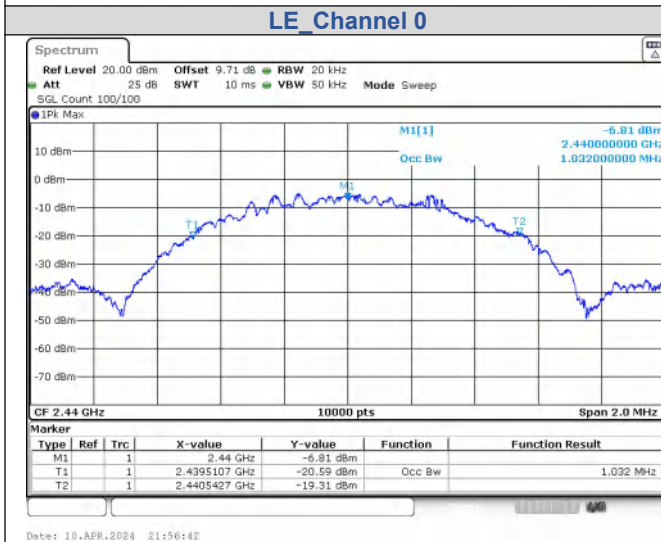
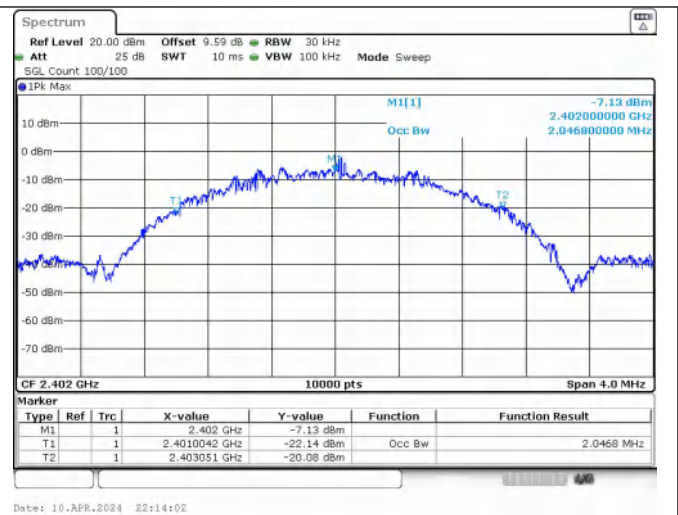
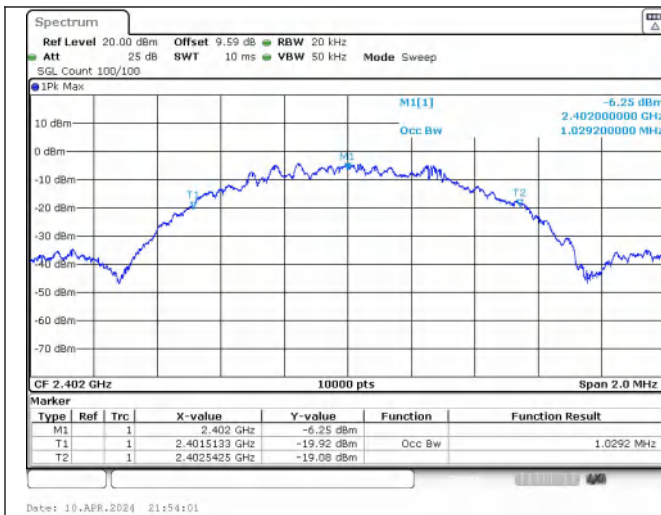
6dB Bandwidth

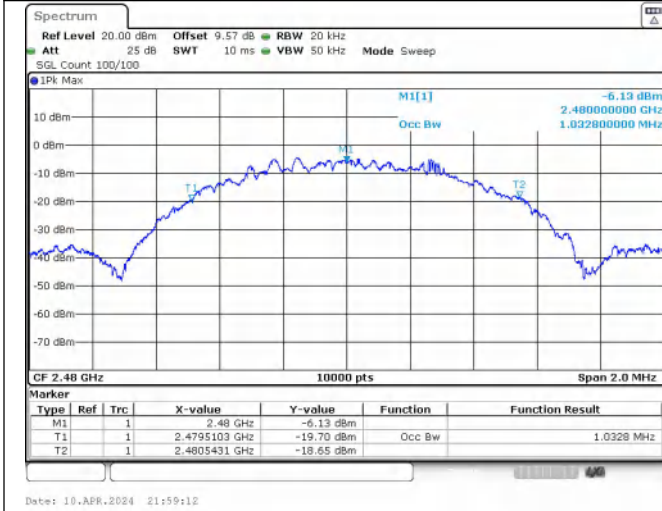
Left

Test Result

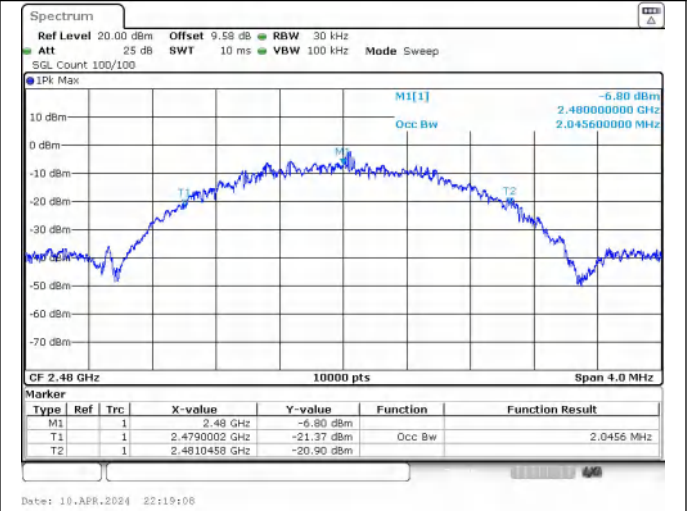
Mode	Channel	99% BW (MHz)
LE	0	1.0290
LE	19	1.0320
LE	39	1.0330
2LE	0	2.0470
2LE	19	2.0470
2LE	39	2.0460

Test Graphs





LE_Channel 39



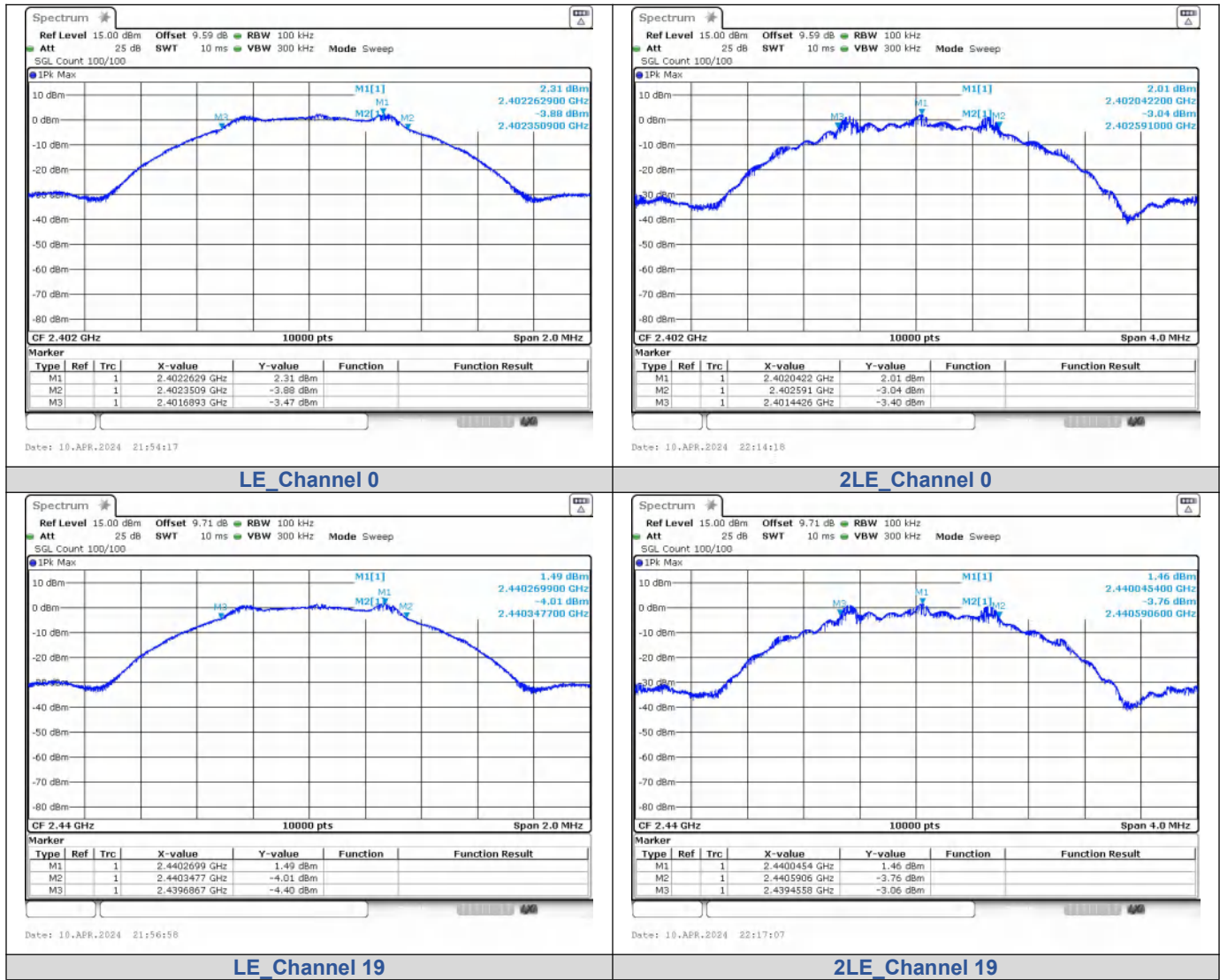
2LE_Channel 39

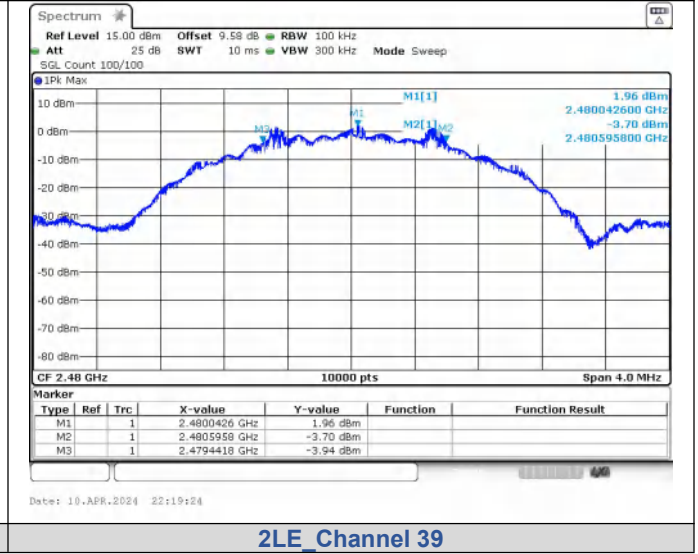
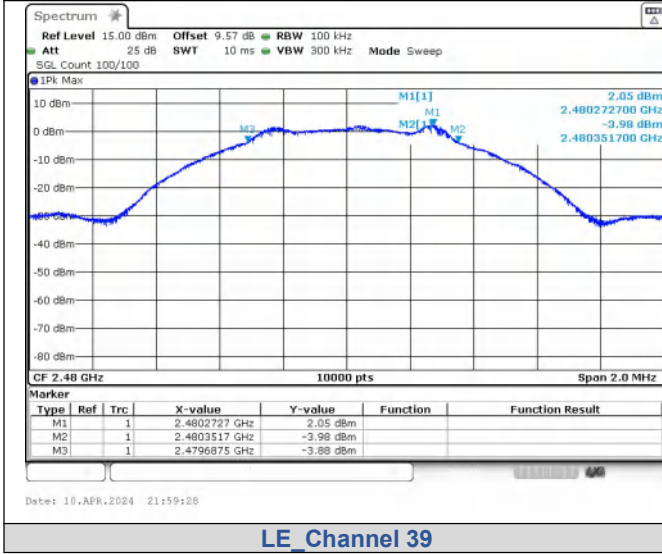
Right

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	1.130		PASS
	39	2480	1.160		PASS

Test Graphs





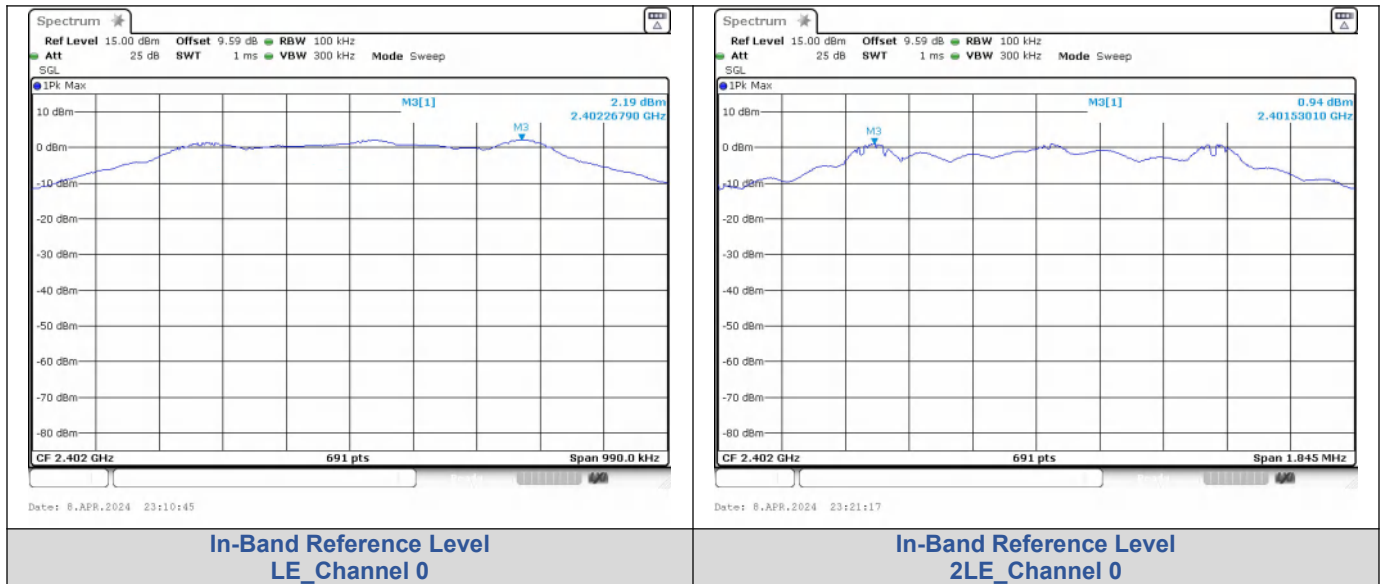
Conducted Out Of Band Emission

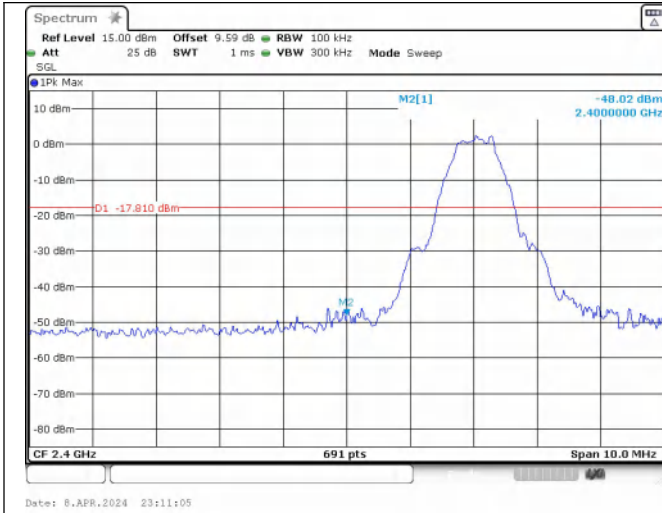
Left

Test Result

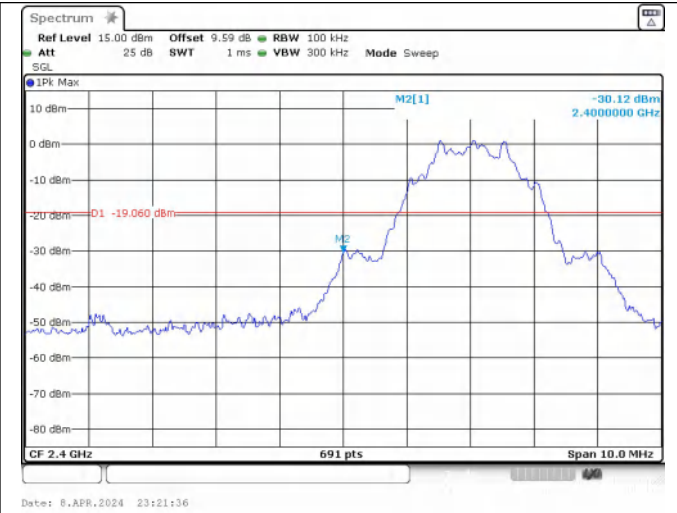
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-48.023	-17.81	-30.213	PASS
		7205.13	-31.985	-17.81	-14.175	PASS
	19	7319.16	-31.450	-17.3	-14.150	PASS
	39	2483.50	-51.119	-17.05	-34.069	PASS
		7439.02	-38.026	-17.05	-20.976	PASS
2LE	0	2400.00	-30.120	-19.06	-11.060	PASS
		7205.96	-33.593	-19.06	-14.533	PASS
	19	7321.66	-33.564	-18.17	-15.394	PASS
	39	2483.50	-48.962	-17.86	-31.102	PASS
		9920.20	-37.627	-17.86	-19.767	PASS

Test Graphs

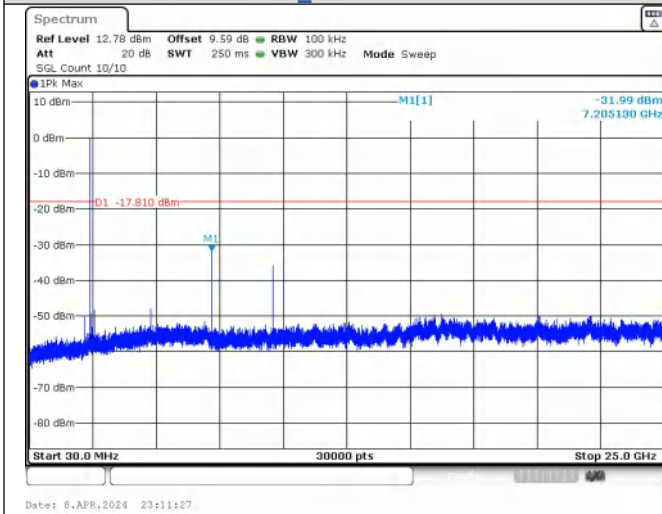




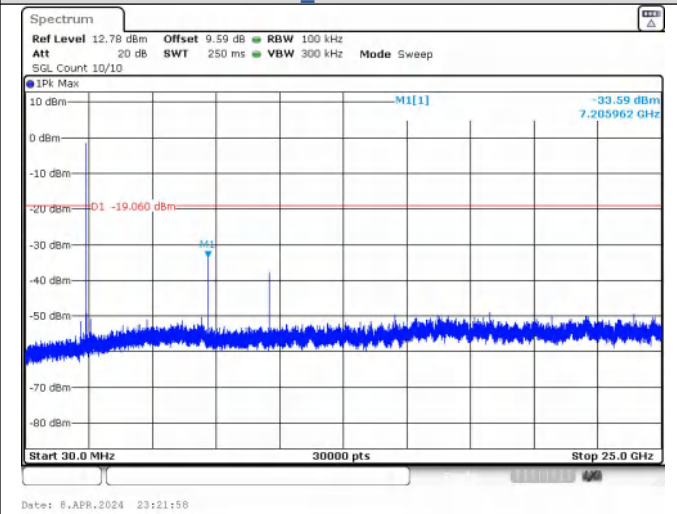
**Out Of Band Emission
LE_Channel 0**



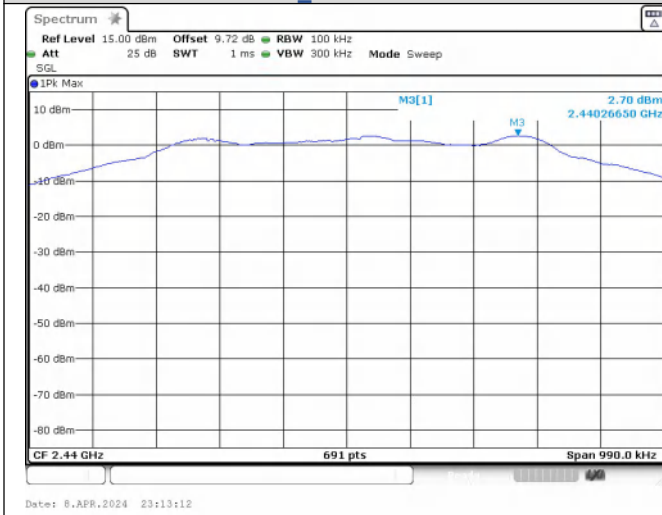
**Out Of Band Emission
2LE_Channel 0**



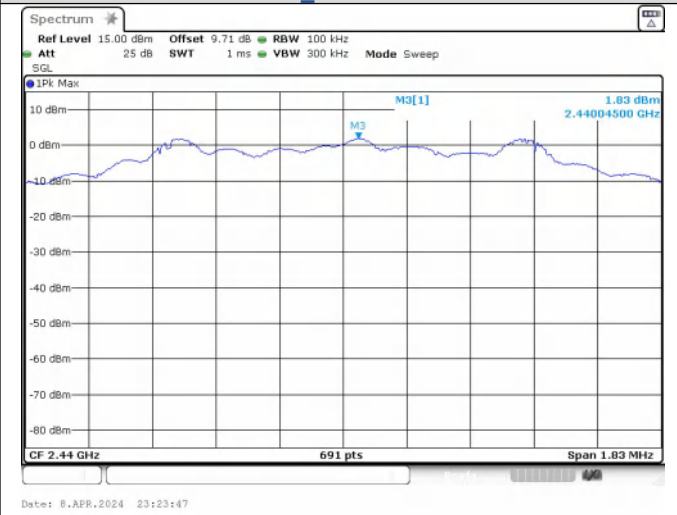
**Spurious Emission
LE_Channel 0**



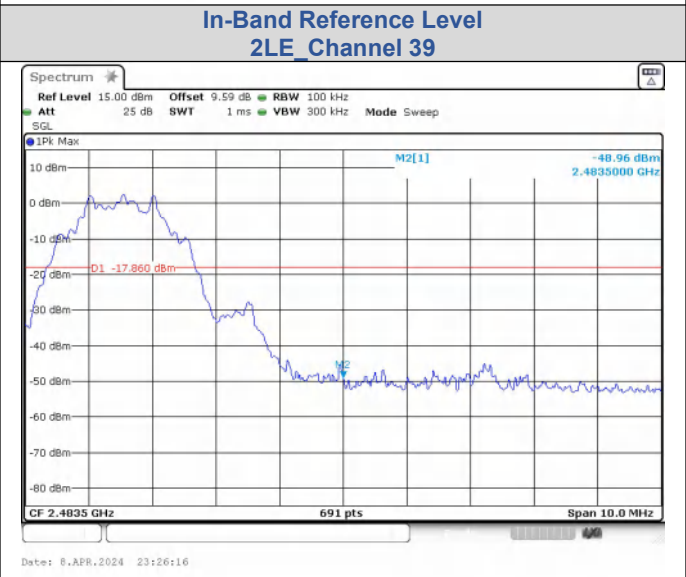
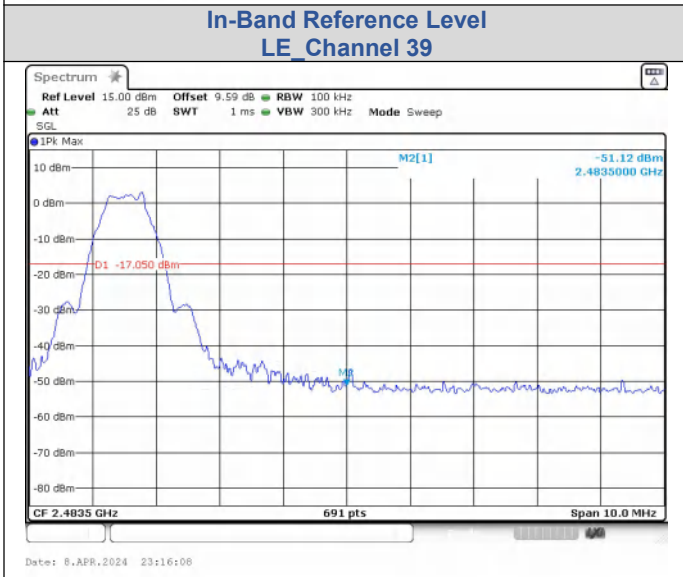
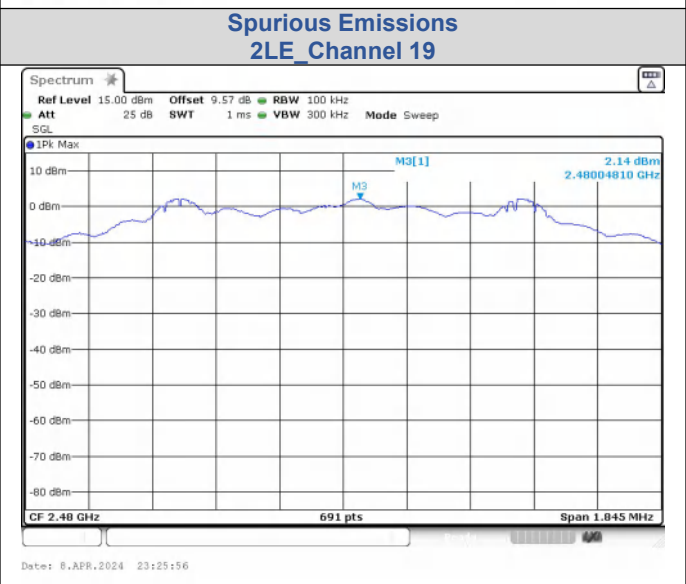
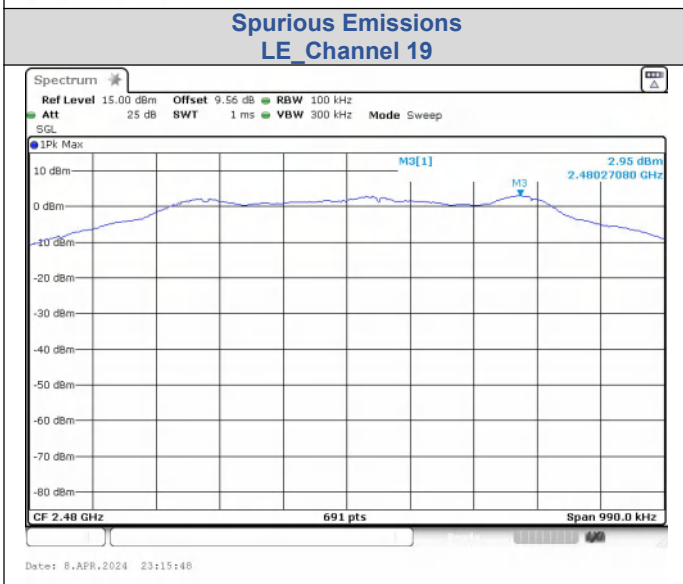
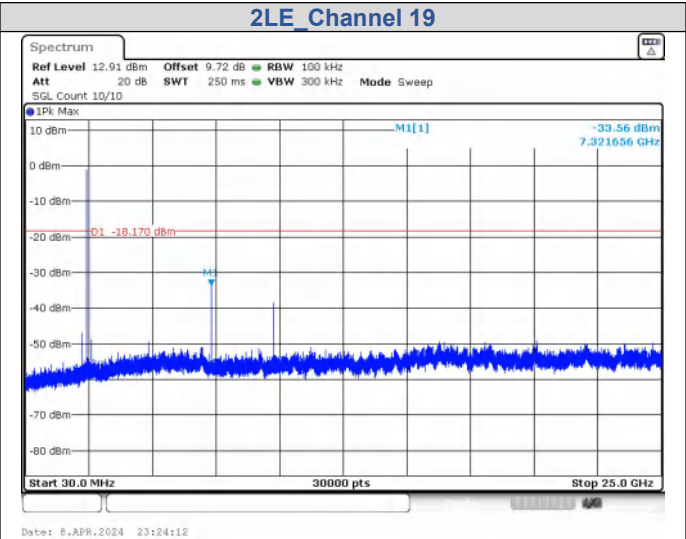
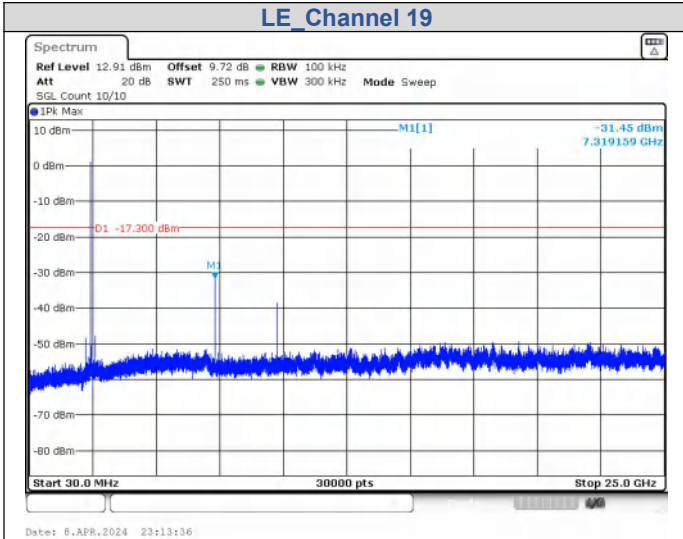
**Spurious Emission
2LE_Channel 0**

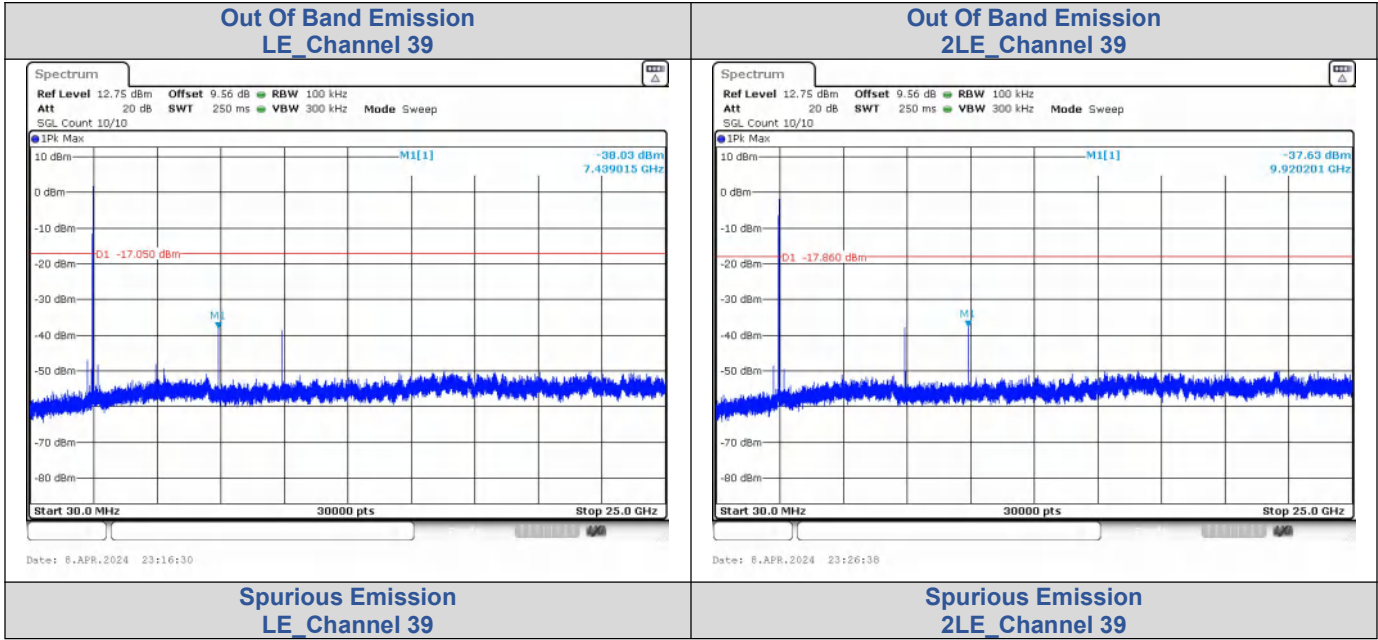


In-Band Reference Level



In-Band Reference Level



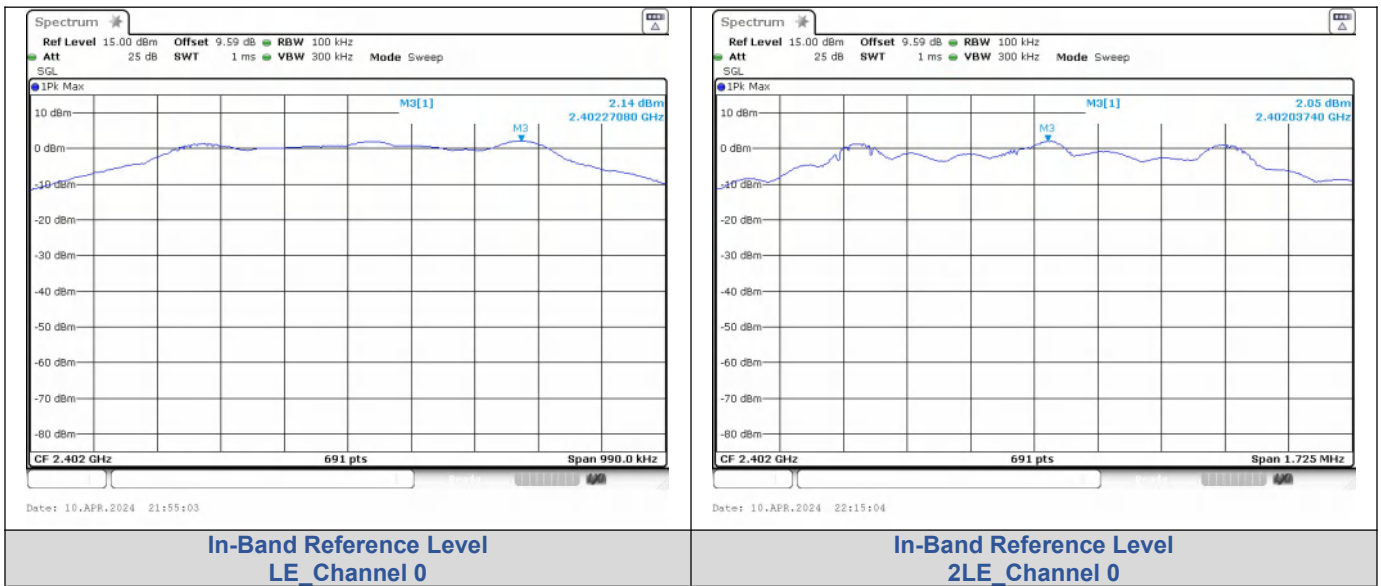


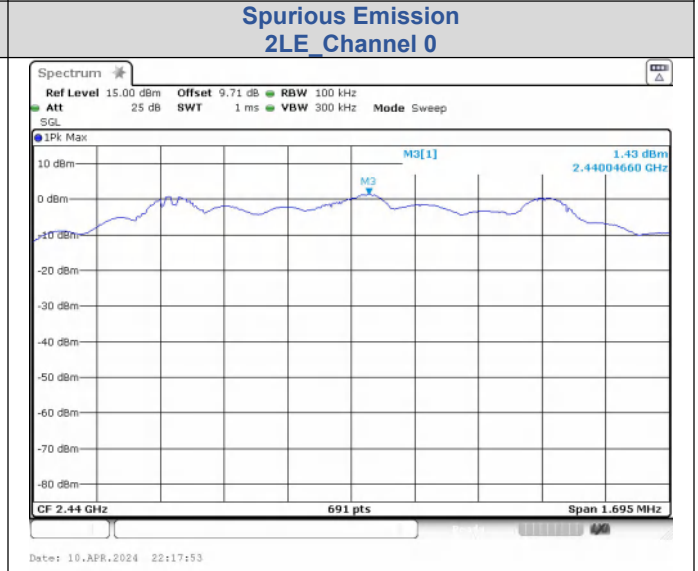
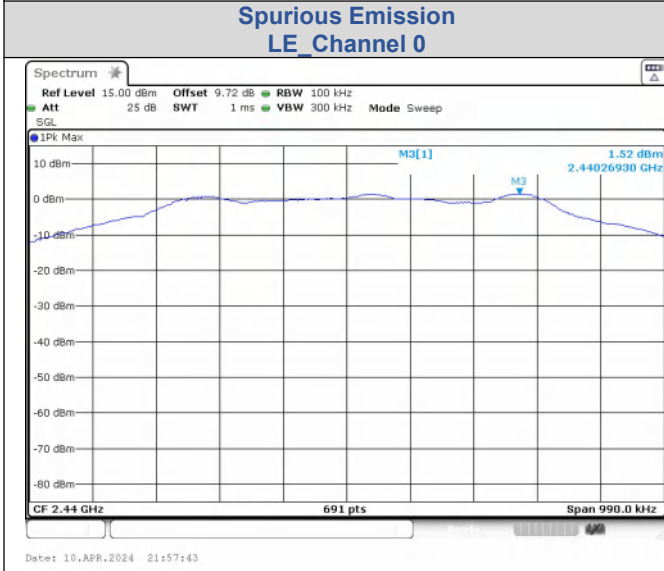
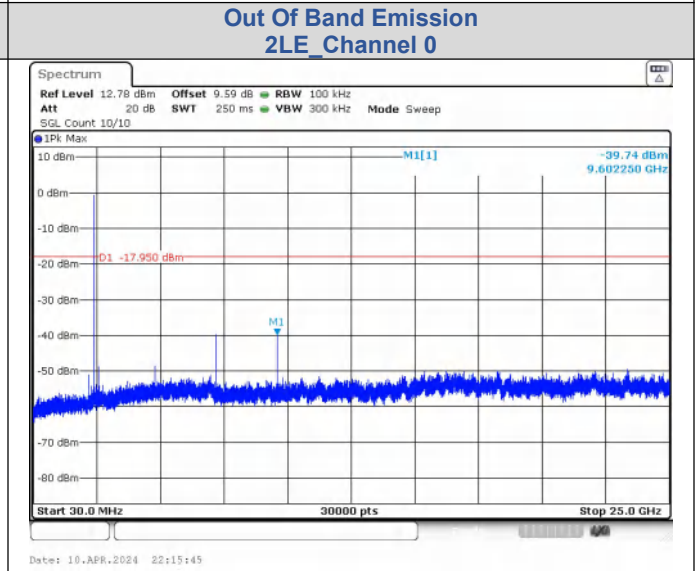
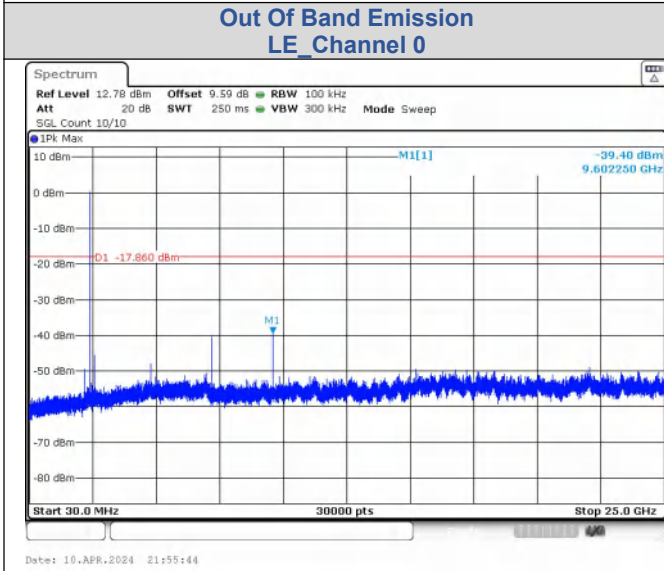
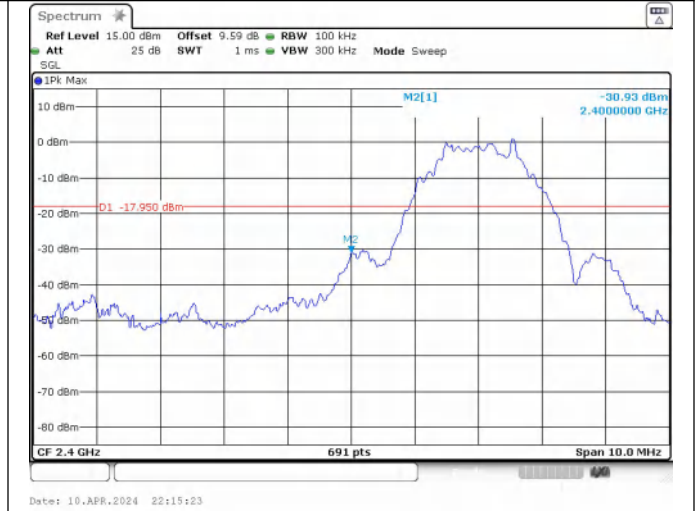
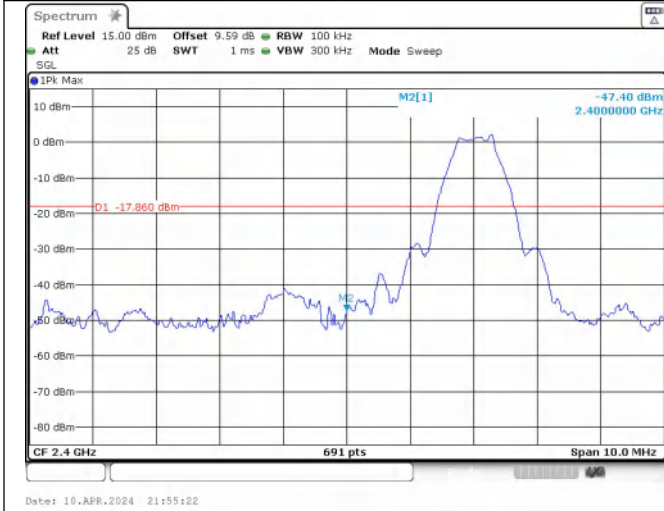
Right

Test Result

Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-47.402	-17.86	-29.542	PASS
		2399.00	-41.404	-17.86	-23.544	PASS
		9602.20	-39.403	-17.86	-21.543	PASS
	19	9753.73	-39.186	-18.48	-20.706	PASS
		2483.50	-49.223	-17.99	-31.233	PASS
		9914.37	-40.515	-17.99	-22.525	PASS
2LE	0	2400.00	-30.933	-17.95	-12.983	PASS
		9602.25	-39.741	-17.95	-21.791	PASS
	19	9753.73	-39.326	-18.57	-20.756	PASS
		2483.50	-51.512	-18.03	-33.482	PASS
	39	9914.37	-40.987	-18.03	-22.957	PASS

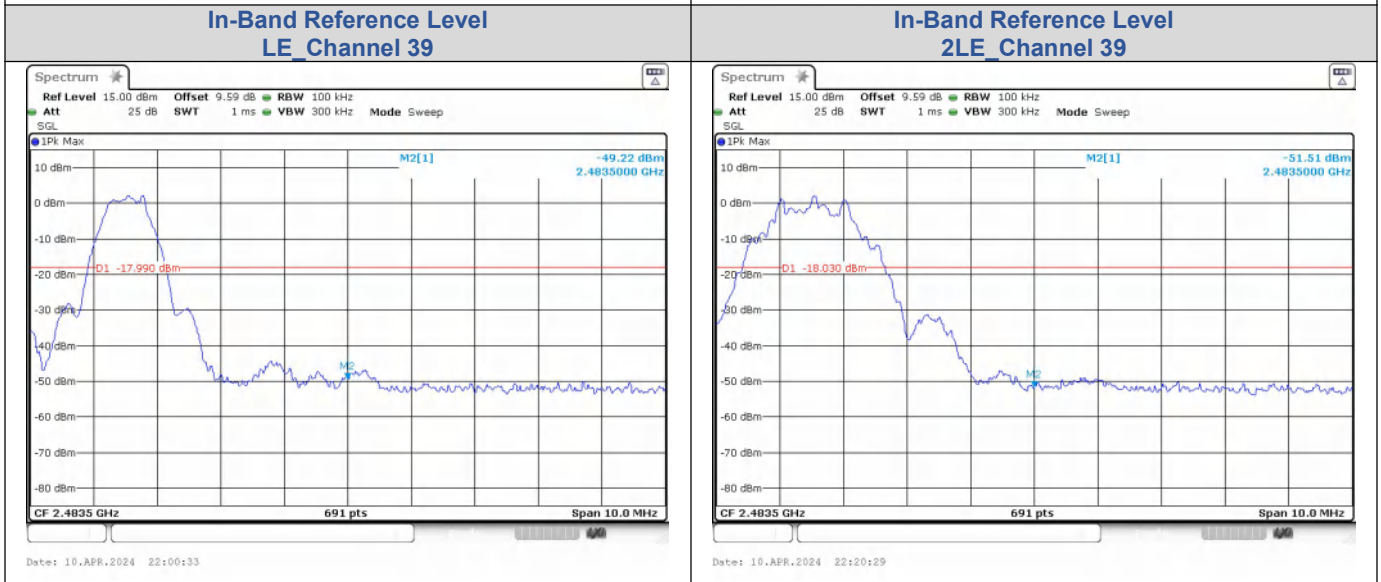
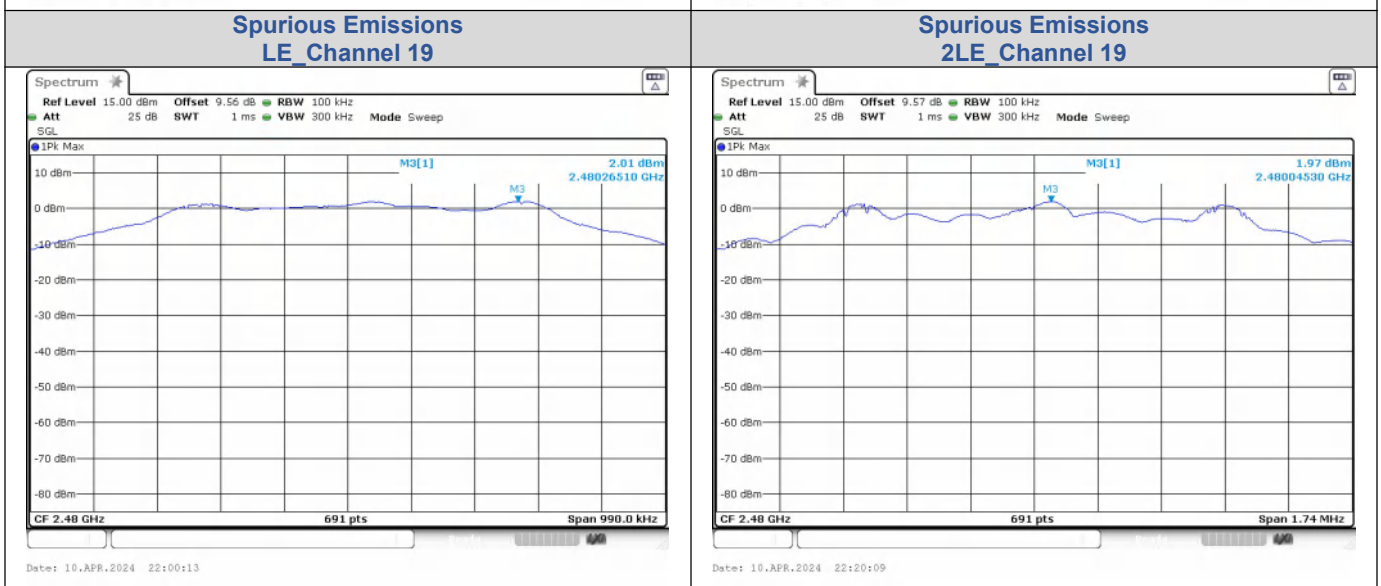
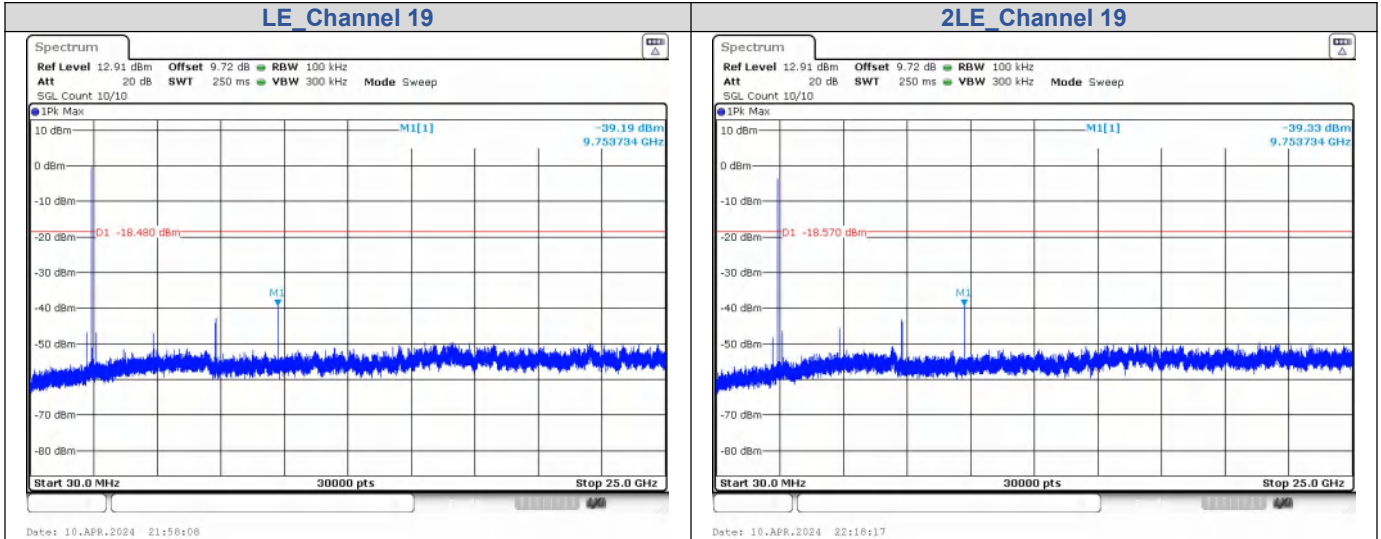
Test Graphs



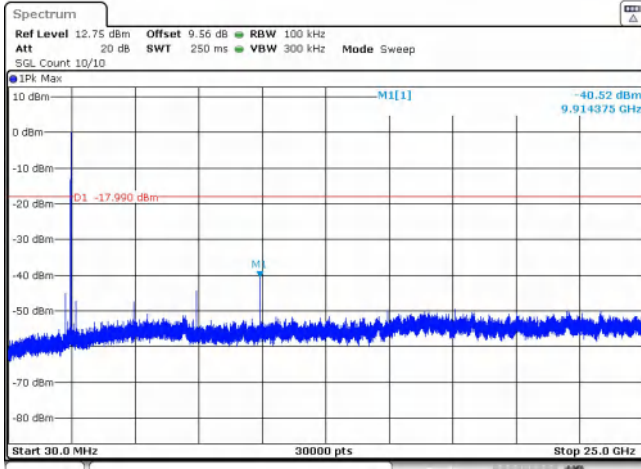


In-Band Reference Level

In-Band Reference Level



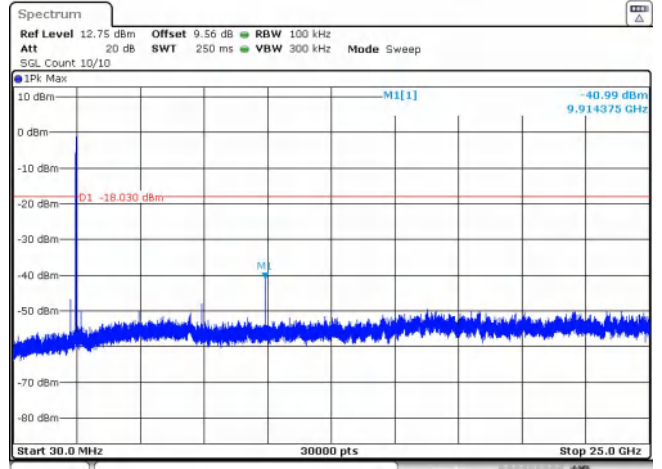
**Out Of Band Emission
LE_Channel 39**



Date: 10.APR.2024 22:00:53

**Spurious Emission
LE_Channel 39**

**Out Of Band Emission
2LE_Channel 39**



Date: 10.APR.2024 22:20:51

**Spurious Emission
2LE_Channel 39**

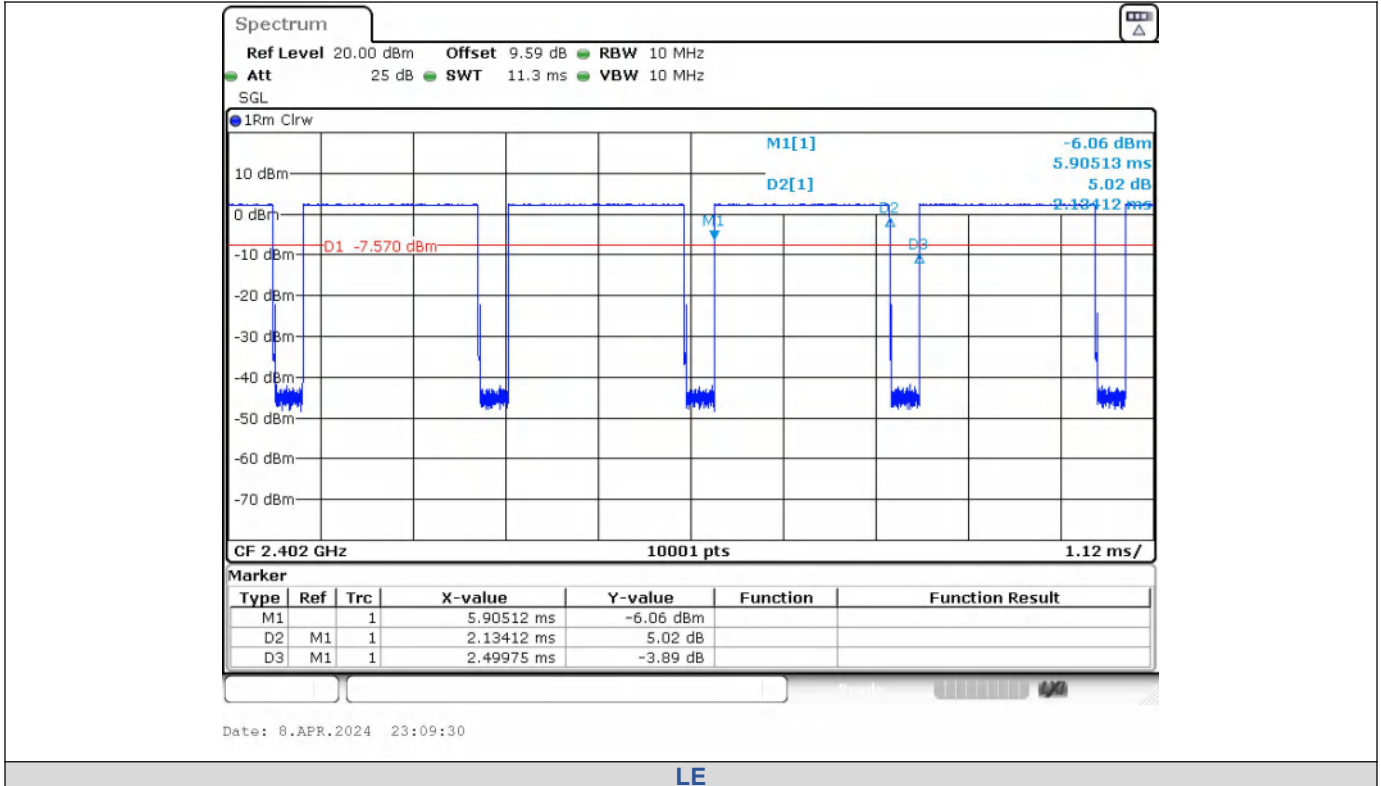
Duty Cycle

Left

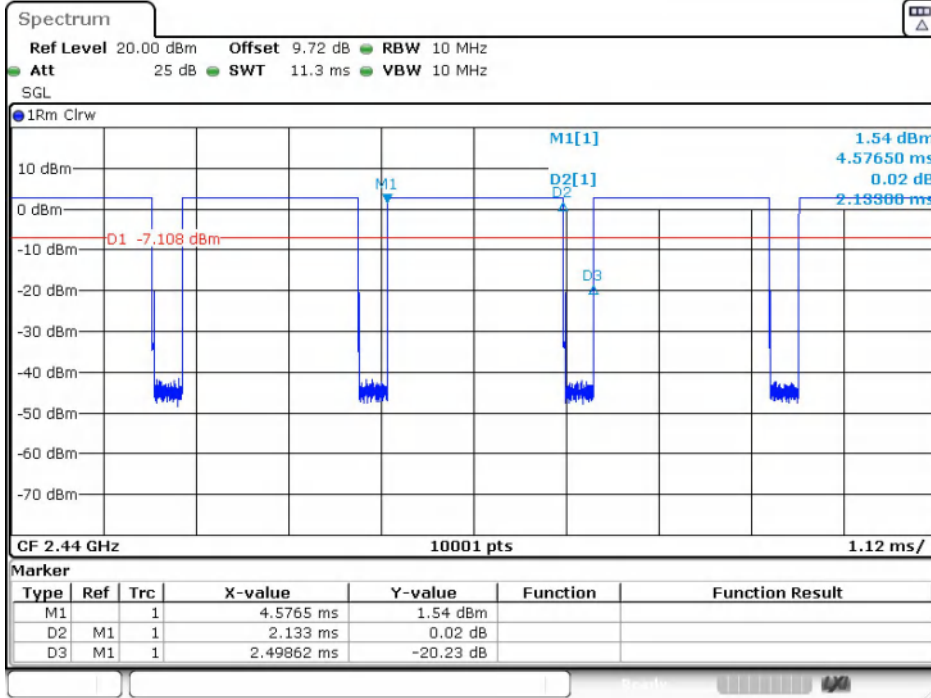
Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
LE	0	2.134	2.500	85.37	0.8537	0.6869	0.47
	19	2.133	2.499	85.37	0.8537	0.6869	0.47
	39	2.134	2.499	85.41	0.8541	0.6849	0.47
2LE	0	1.082	2.499	43.31	0.4331	3.6341	0.92
	19	1.082	2.500	43.29	0.4329	3.6361	0.92
	39	1.082	2.499	43.31	0.4331	3.6341	0.92

Test Graphs

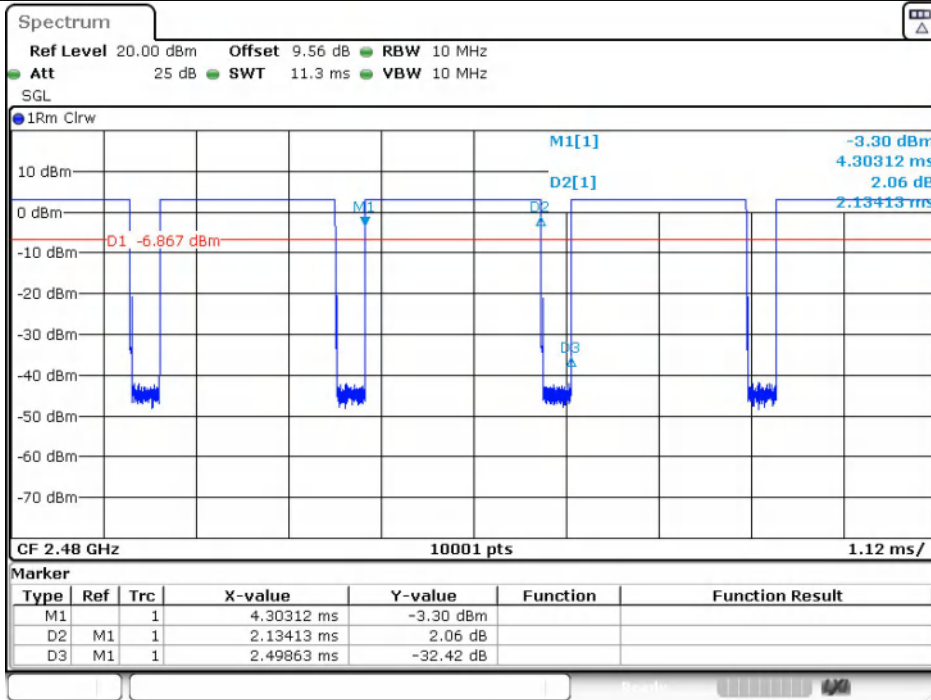


LE



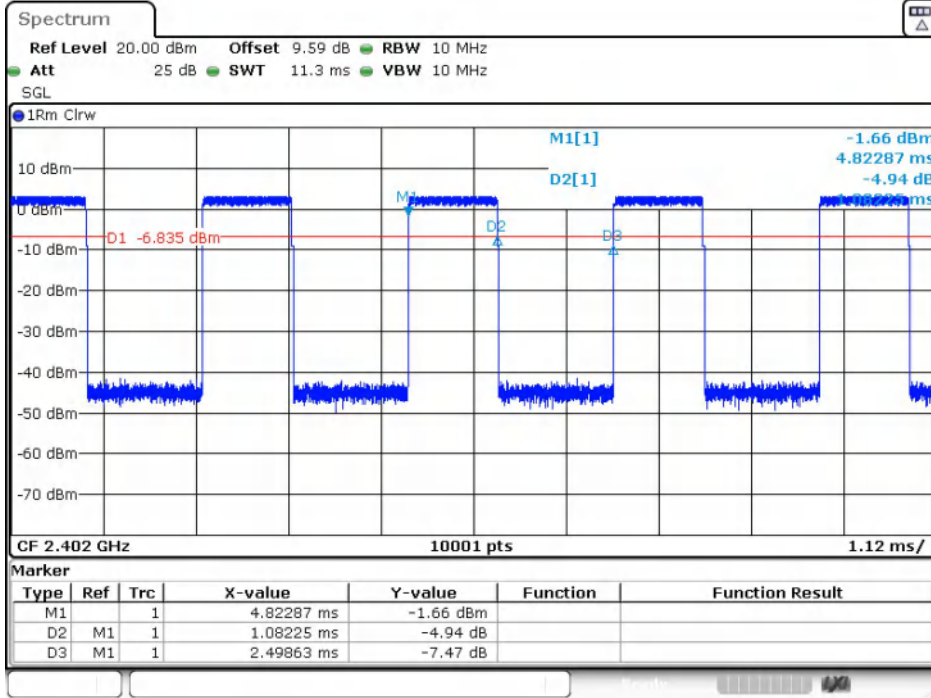
Date: 8.APR.2024 23:11:57

LE



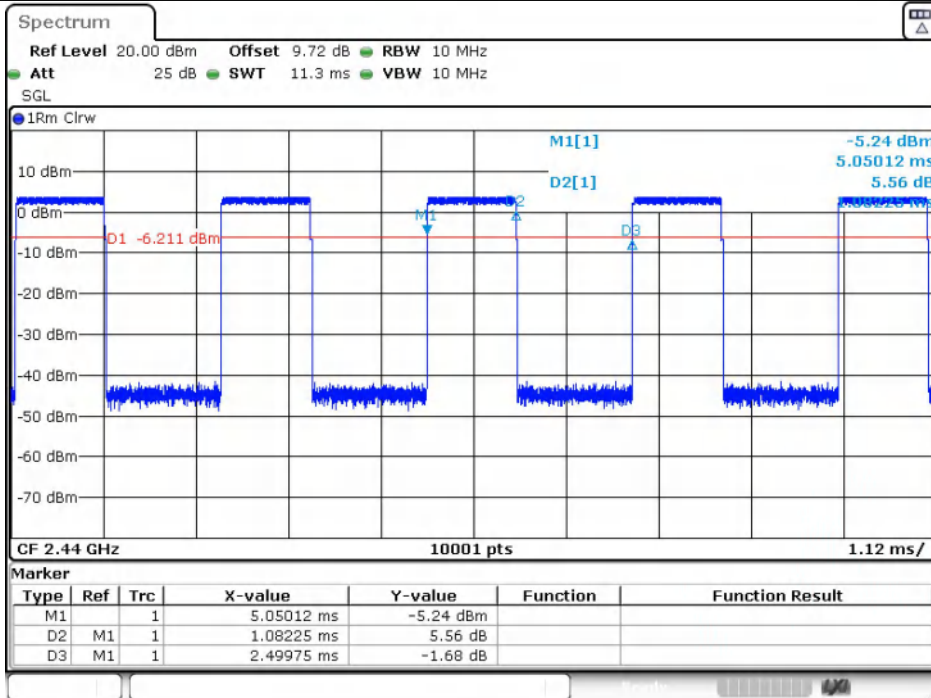
Date: 8.APR.2024 23:14:33

LE



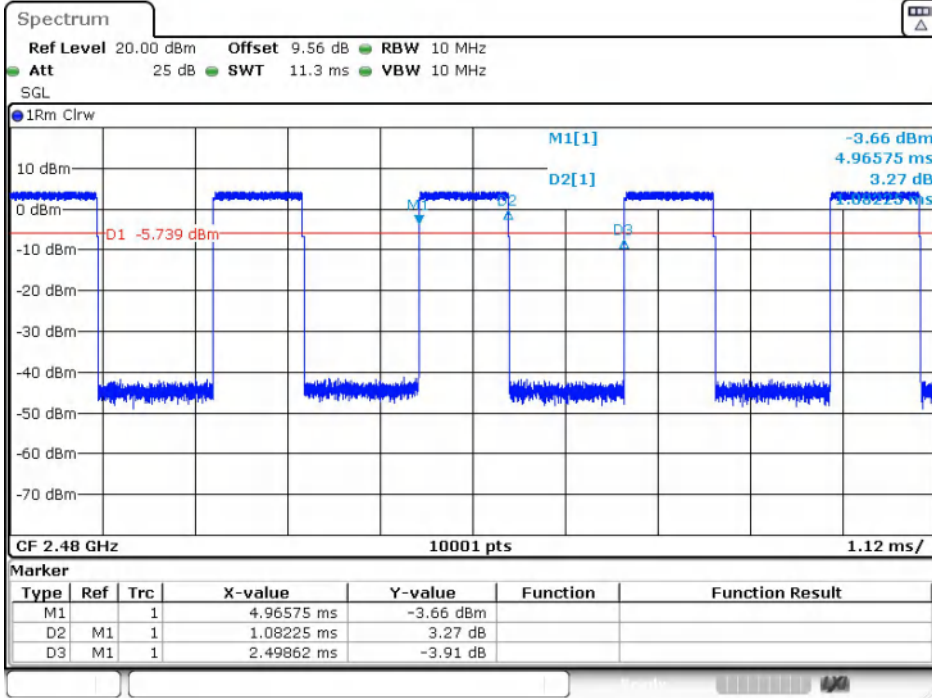
Date: 8.APR.2024 23:20:02

2LE



Date: 8.APR.2024 23:22:32

2LE



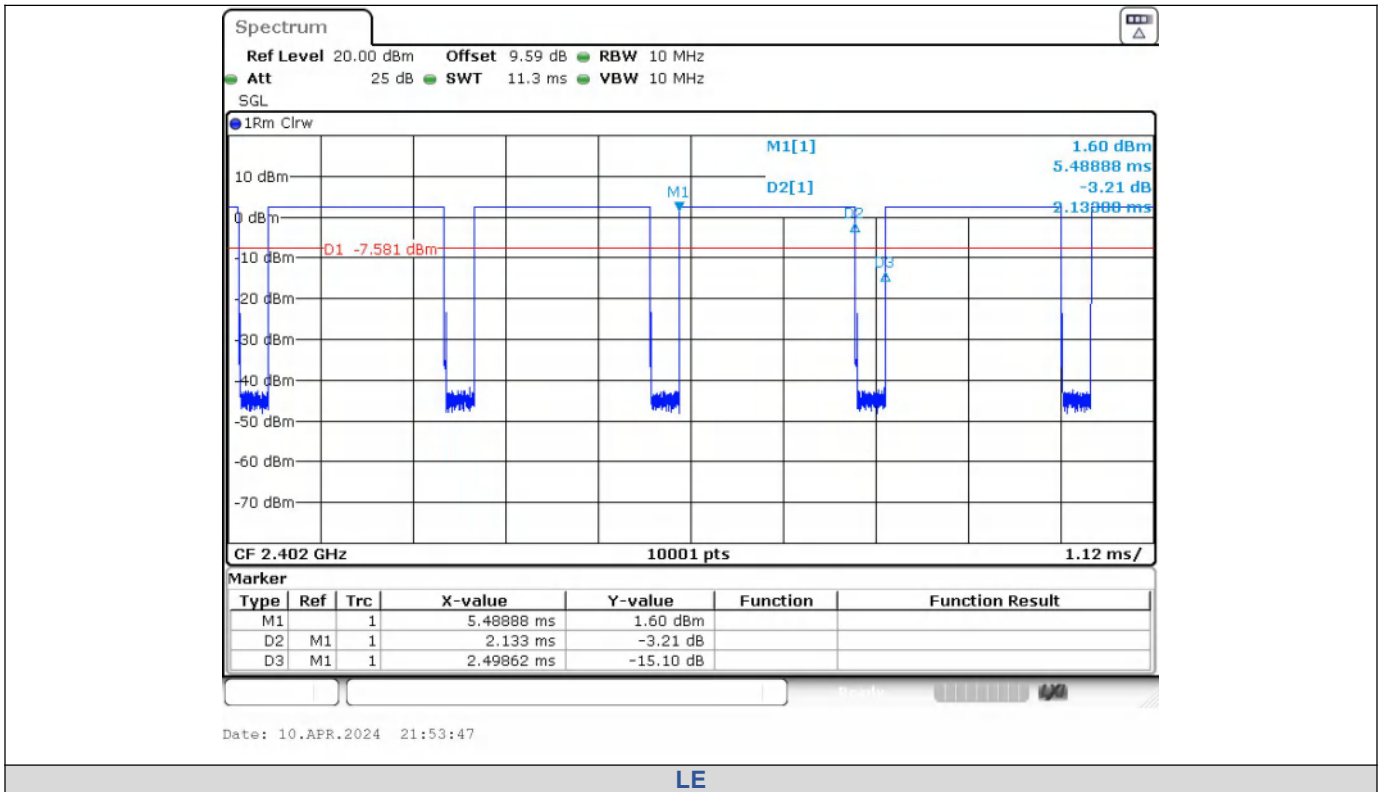
Date: 8.APR.2024 23:24:41

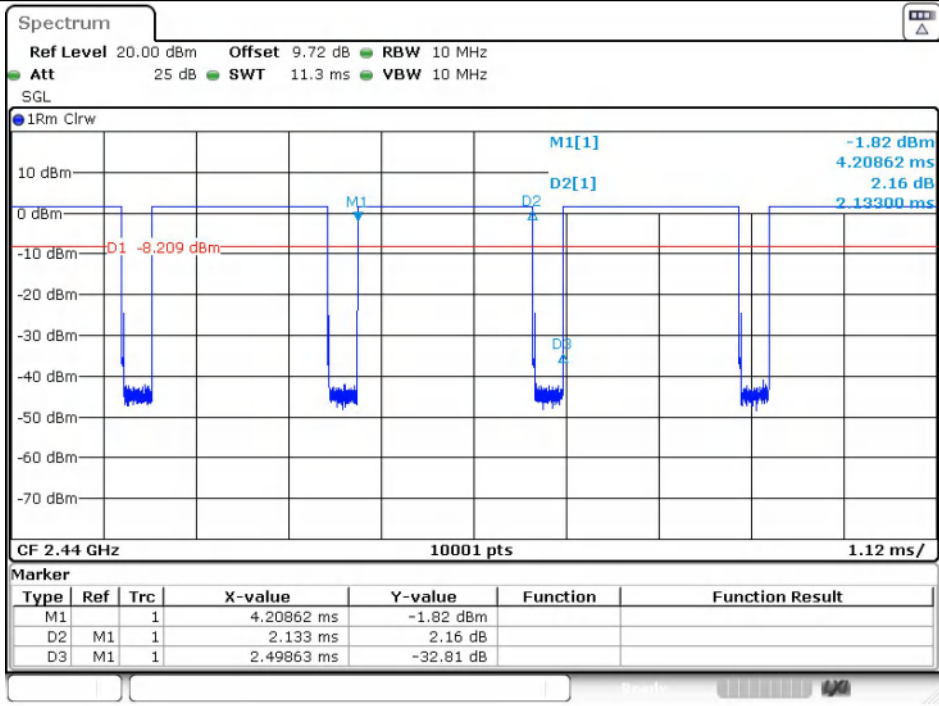
Right

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	1.082	2.500	43.29	0.4329	3.6361	0.92
	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

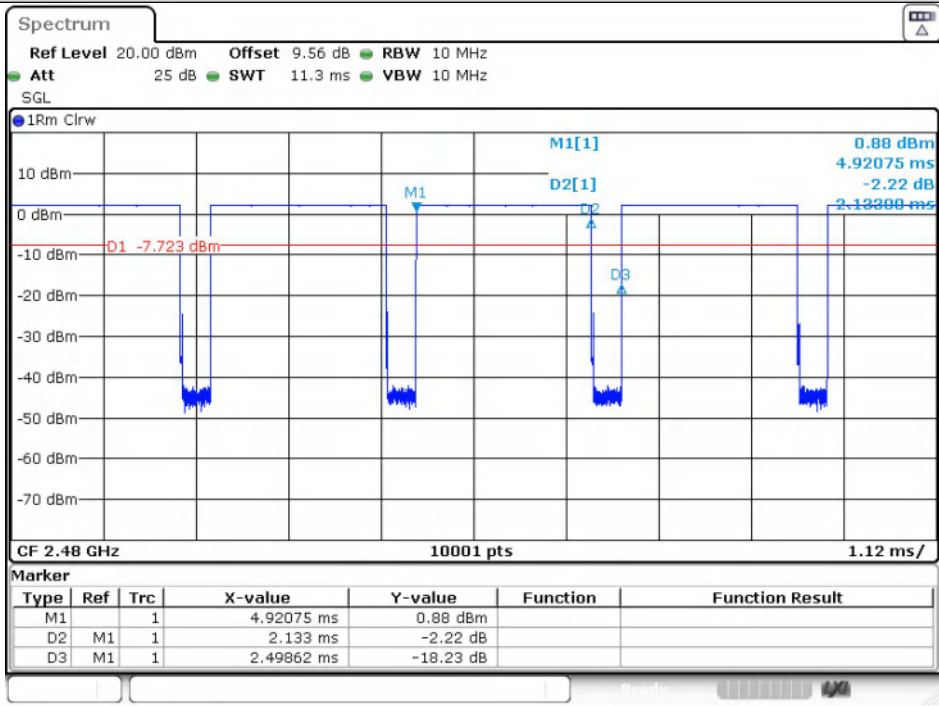
Test Graphs





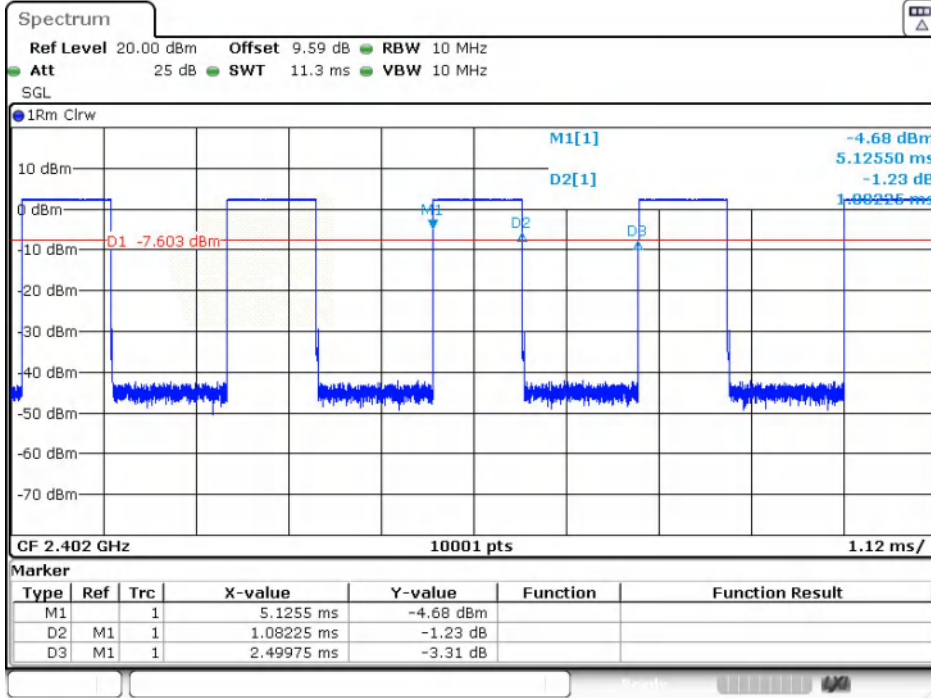
Date: 10.APR.2024 21:56:28

LE



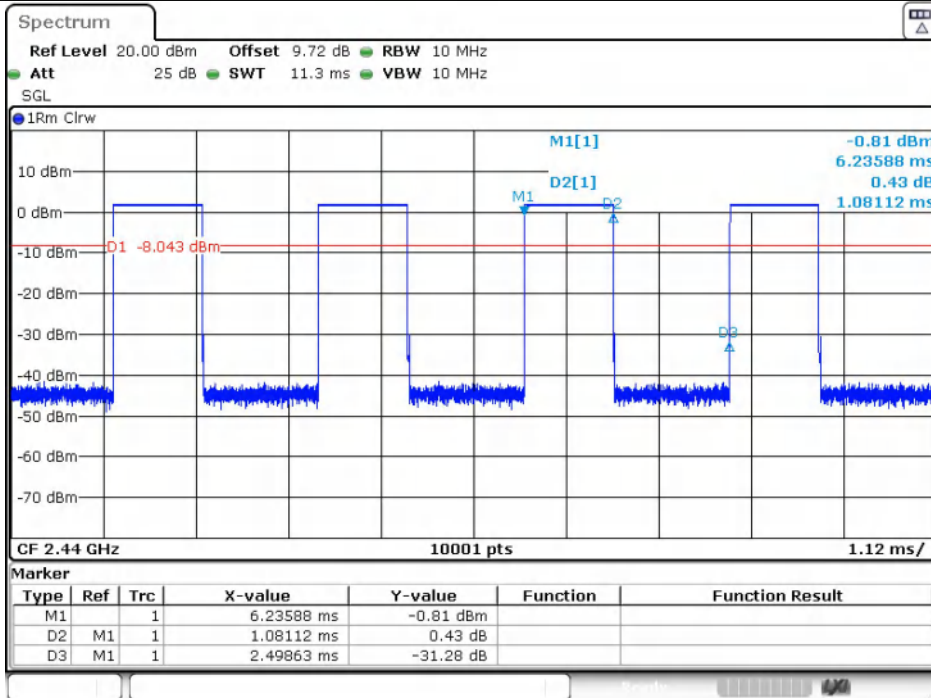
Date: 10.APR.2024 21:58:58

LE



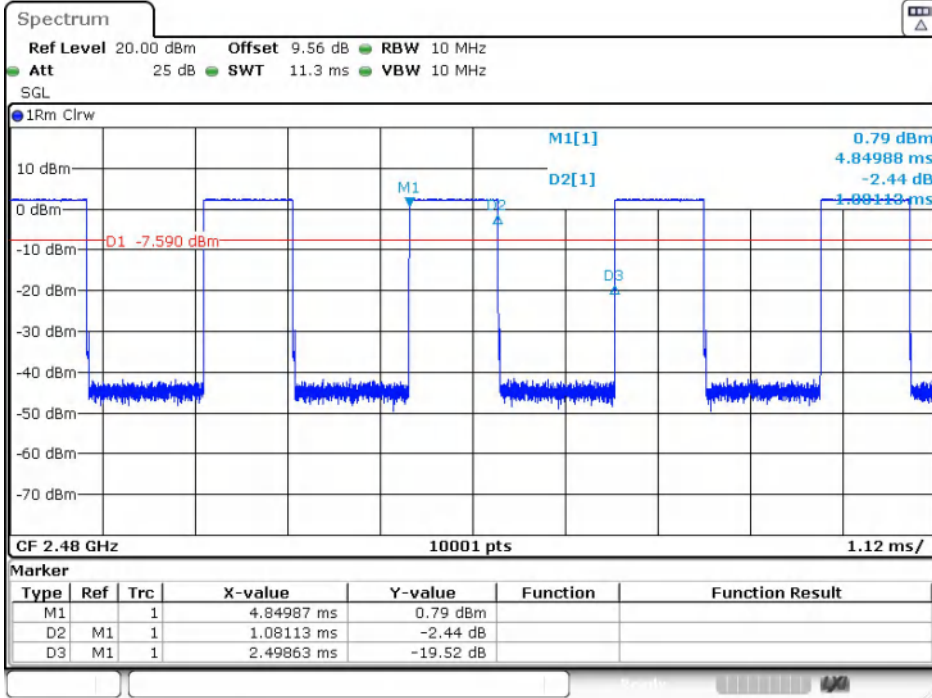
Date: 10.APR.2024 22:13:48

2LE



Date: 10.APR.2024 22:16:37

2LE



Date: 10.APR.2024 22:18:54

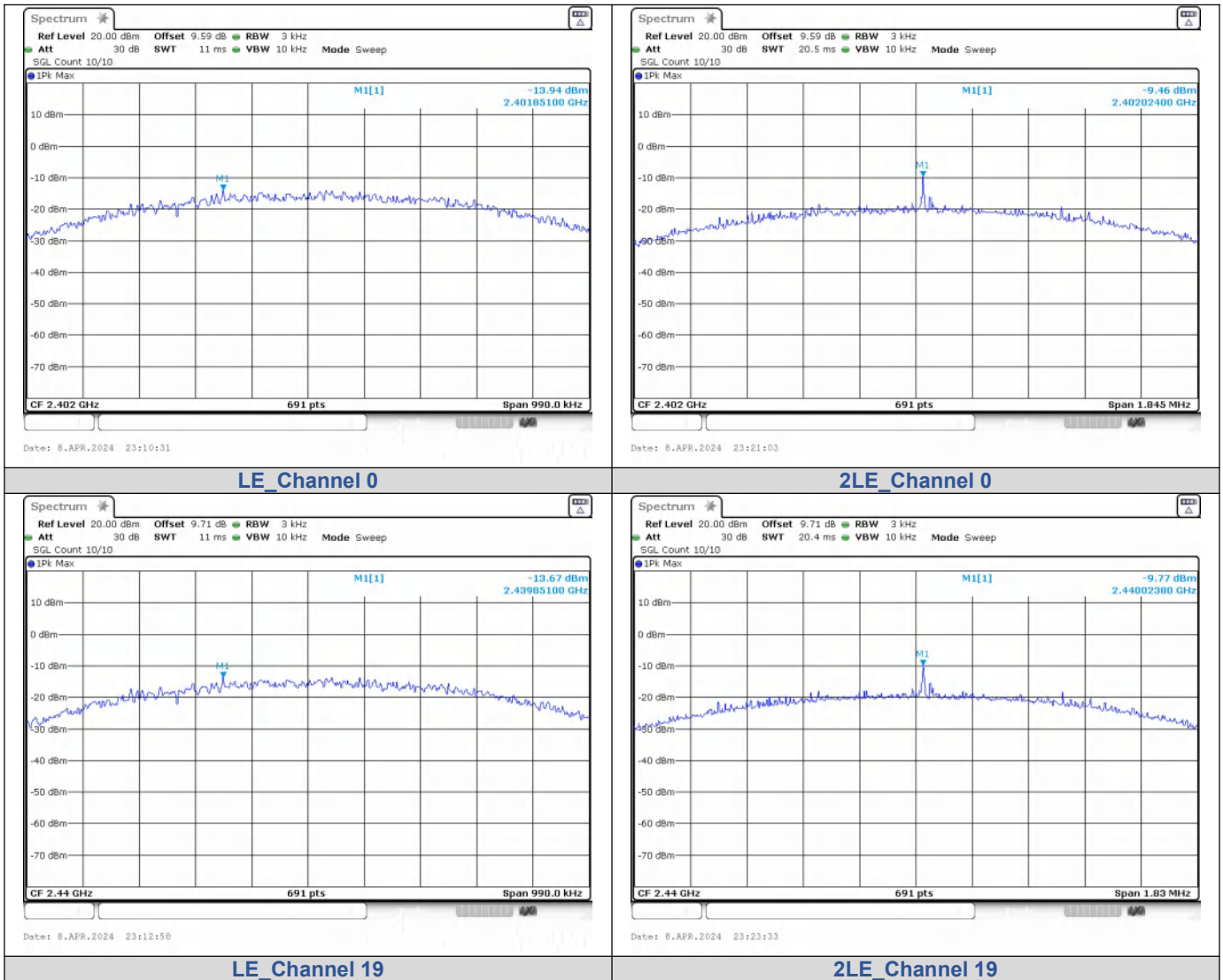
Power Spectral Density

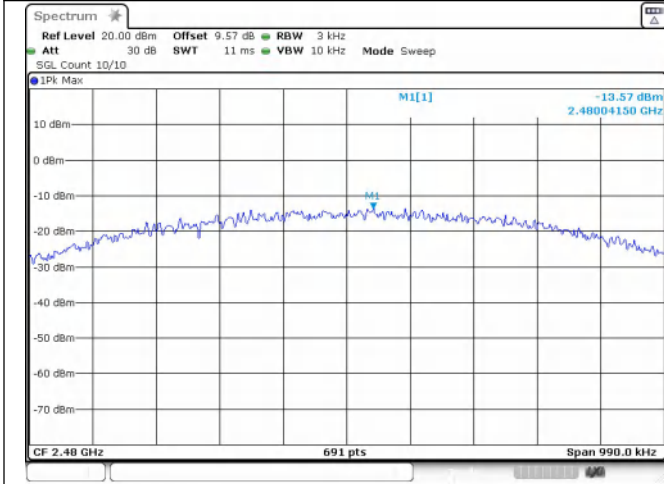
Left

Test Result

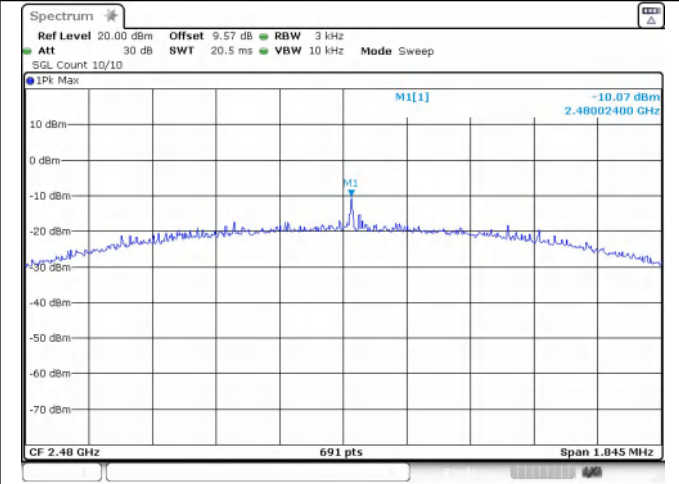
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-13.936	8	PASS
LE	19	-13.672	8	PASS
LE	39	-13.572	8	PASS
2LE	0	-9.462	8	PASS
2LE	19	-9.769	8	PASS
2LE	39	-10.072	8	PASS

Test Graphs





LE_Channel 39

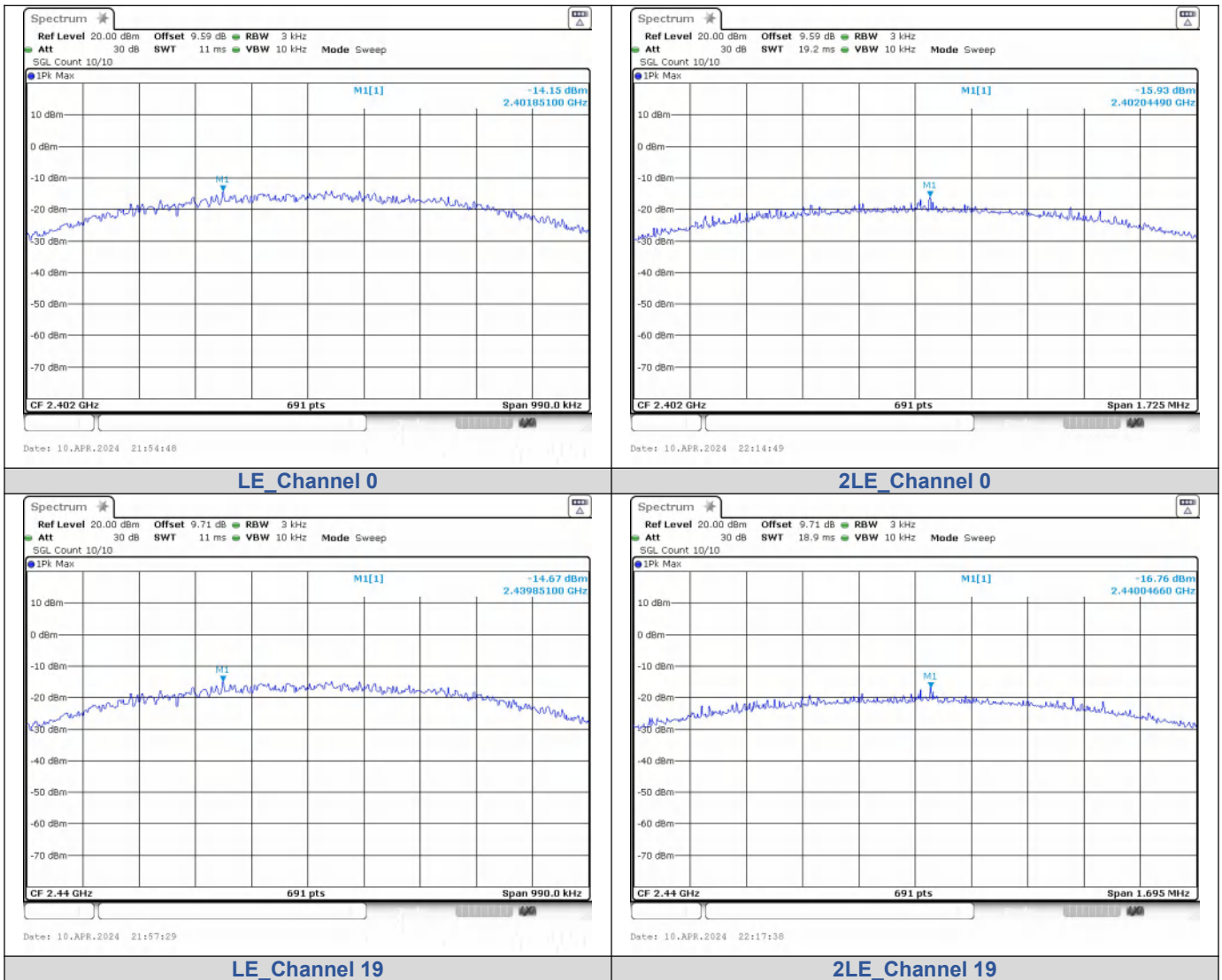


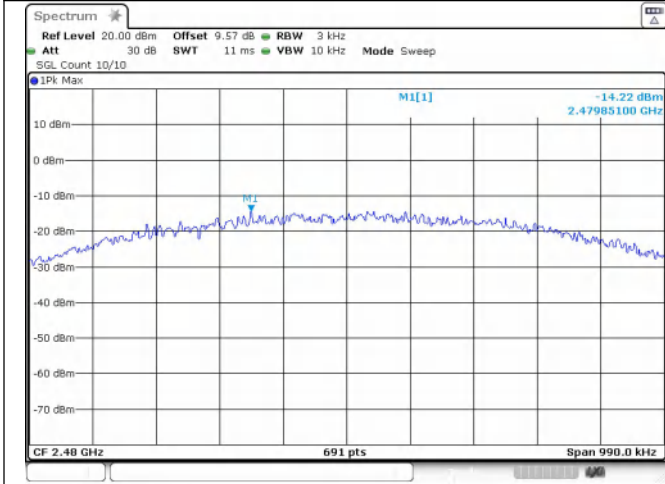
2LE_Channel 39

Right
Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-14.152	8	PASS
LE	19	-14.665	8	PASS
LE	39	-14.216	8	PASS
2LE	0	-15.931	8	PASS
2LE	19	-16.765	8	PASS
2LE	39	-16.045	8	PASS

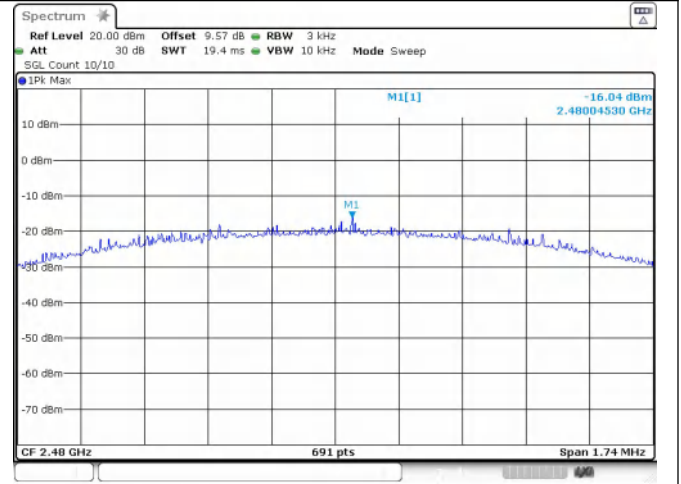
Test Graphs





Date: 10.APR.2024 21:59:59

LE_Channel 39



Date: 10.APR.2024 22:19:55

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