

Appendix A

Report No.:	CISRR24040101101
FCC ID:	2BFQI-V97
Product Name:	keyboard
Model No.:	V97
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

1) Conducted Peak Output Power

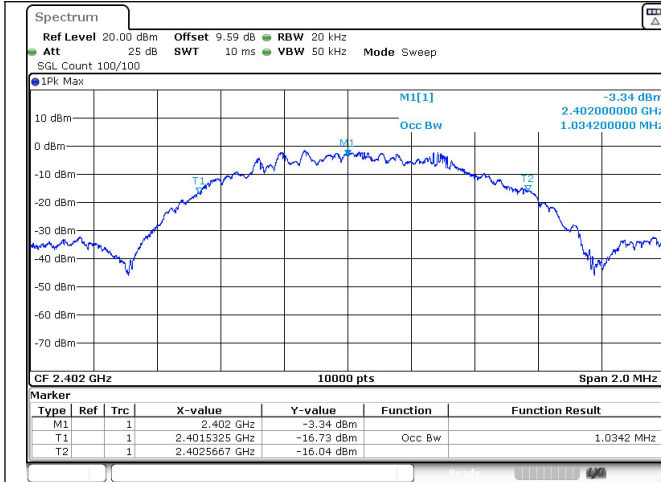
Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	5.119	3.25	30	PASS
	19	5.244	3.34	30	PASS
	39	5.330	3.41	30	PASS

99% Bandwidth Test Result

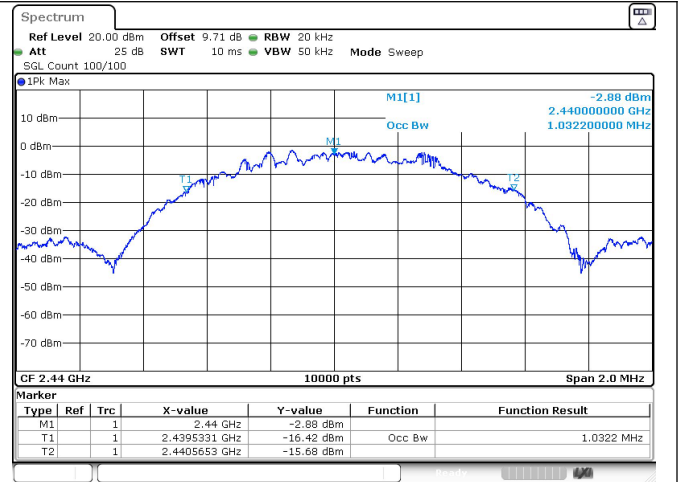
Mode	Channel	99% BW (MHz)
LE	0	1.0340
LE	19	1.0320
LE	39	1.0350

Test Graphs



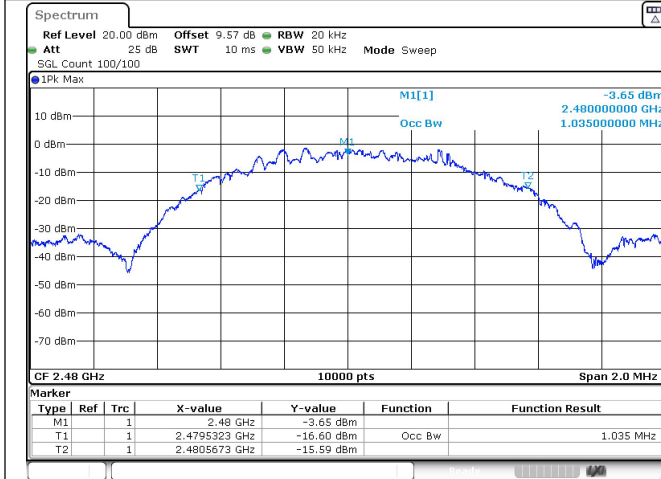
Date: 3.APR.2024 00:26:27

LE_Channel 0



Date: 3.APR.2024 00:28:53

LE_Channel 19



Date: 3.APR.2024 00:31:18

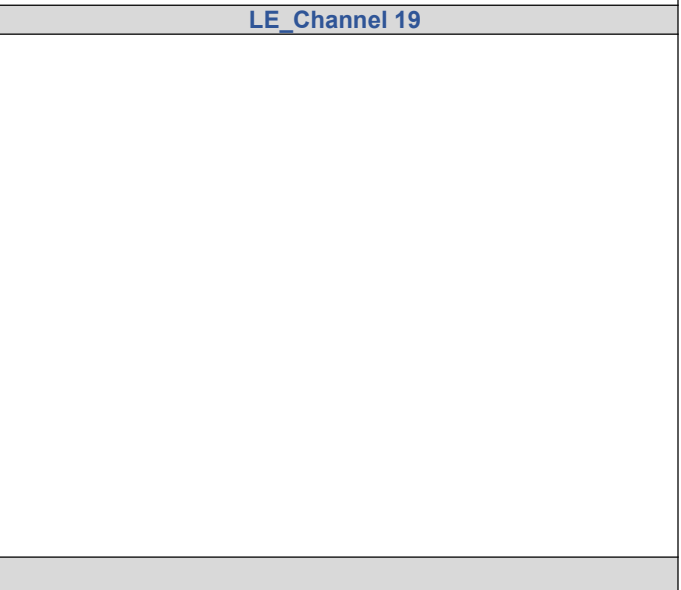
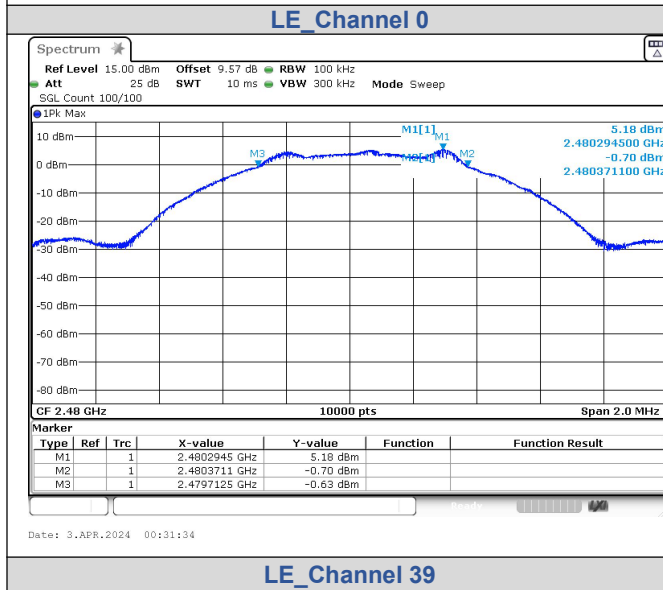
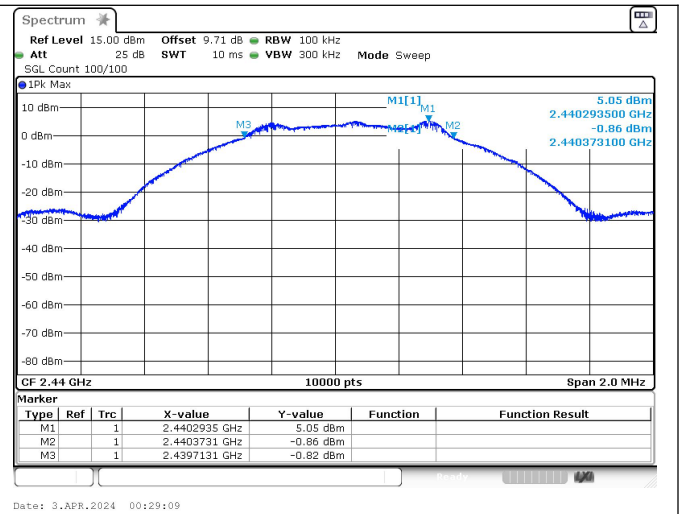
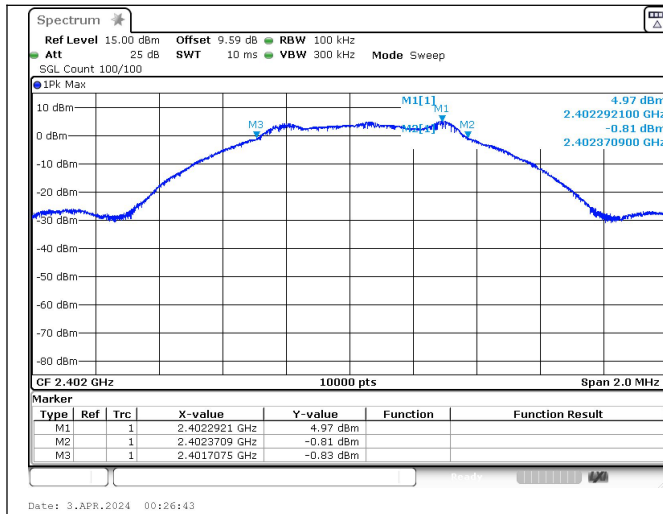
LE_Channel 39

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

Test Graphs

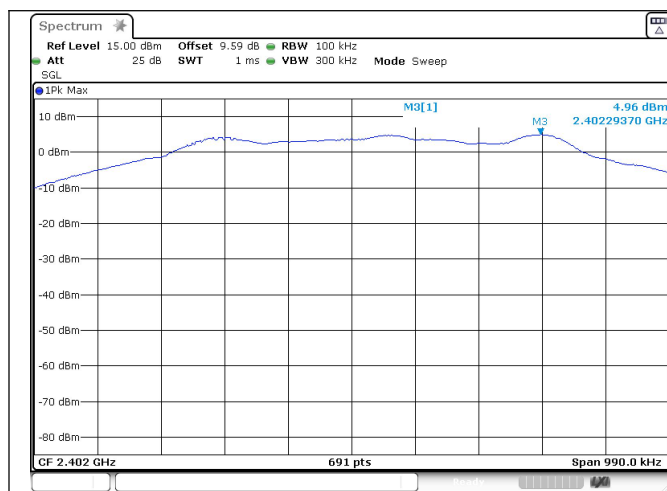


Conducted Out Of Band Emission

Test Result

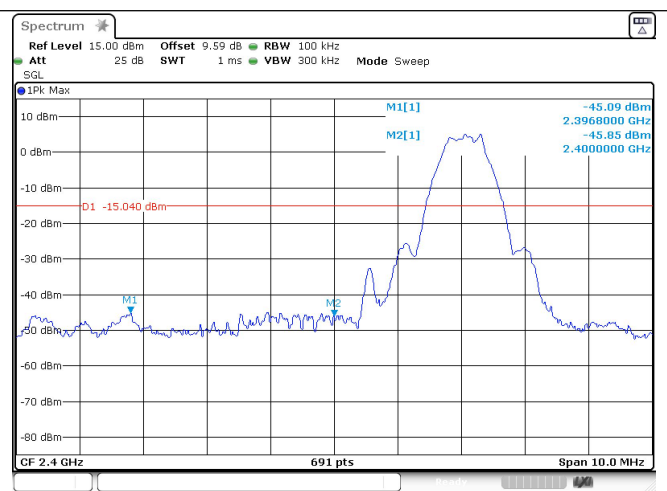
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
LE	0	2400.00	-45.847	-15.04	-30.807	PASS
		2396.80	-45.090	-15.04	-30.050	PASS
		7205.10	-41.316	-15.04	-26.276	PASS
	39	9754.57	-37.759	-14.94	-22.819	PASS
		2483.50	-47.868	-14.85	-33.018	PASS
		9914.37	-38.930	-14.85	-24.080	PASS

Test Graphs



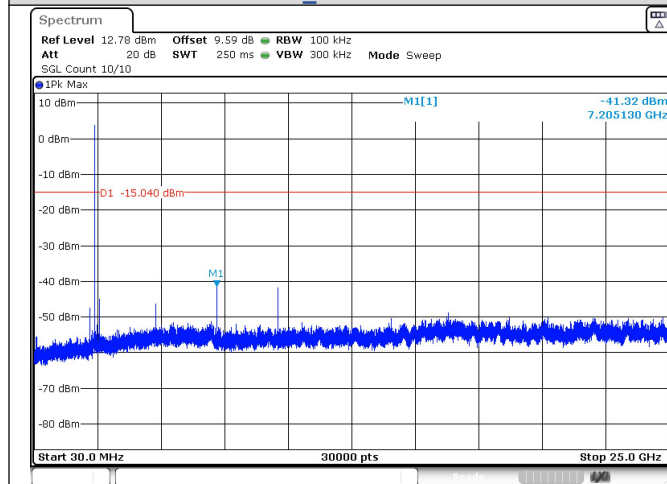
Date: 3.APR.2024 00:27:28

**In-Band Reference Level
LE_Channel 0**



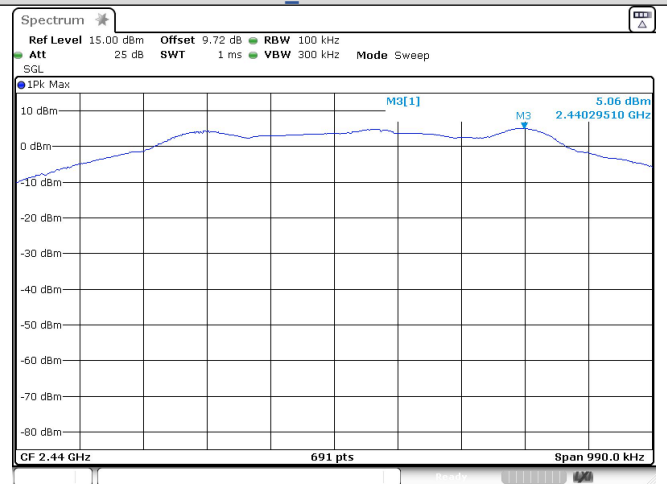
Date: 3.APR.2024 00:27:48

**Out Of Band Emission
LE_Channel 0**



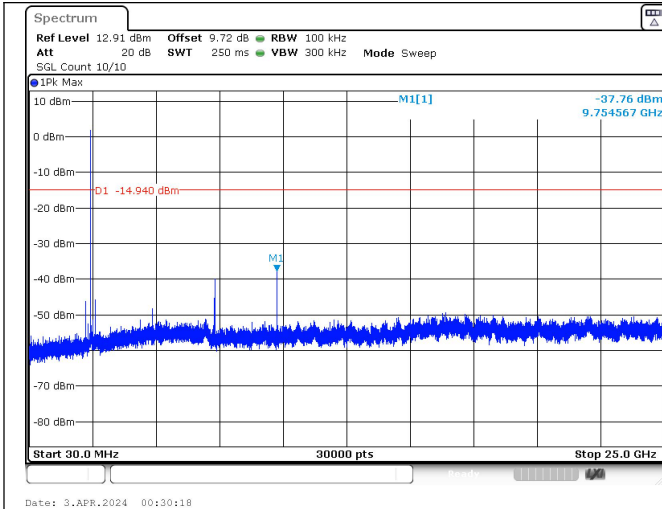
Date: 3.APR.2024 00:28:10

**Spurious Emission
LE_Channel 0**

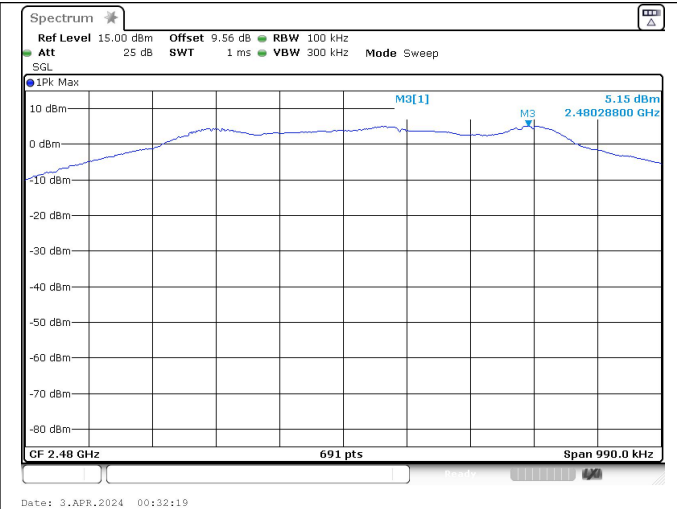


Date: 3.APR.2024 00:29:54

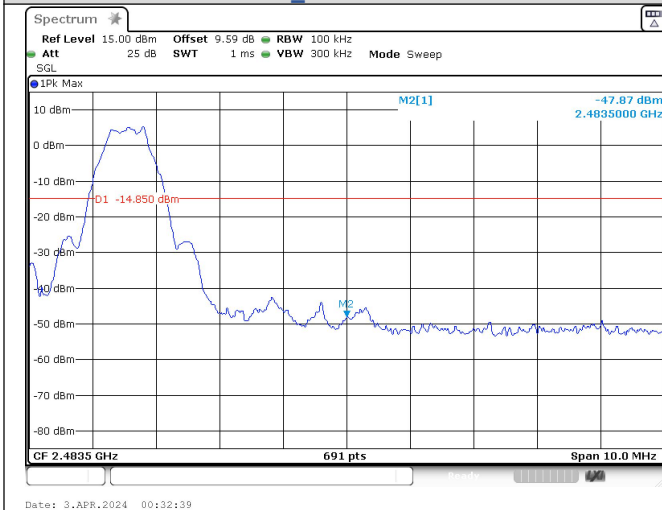
**In-Band Reference Level
LE_Channel 19**



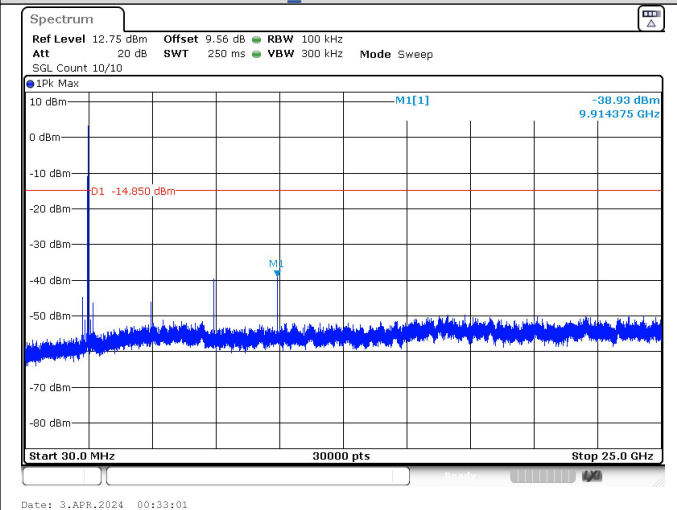
**Spurious Emissions
LE_Channel 19**



**In-Band Reference Level
LE_Channel 39**



**Out Of Band Emission
LE_Channel 39**



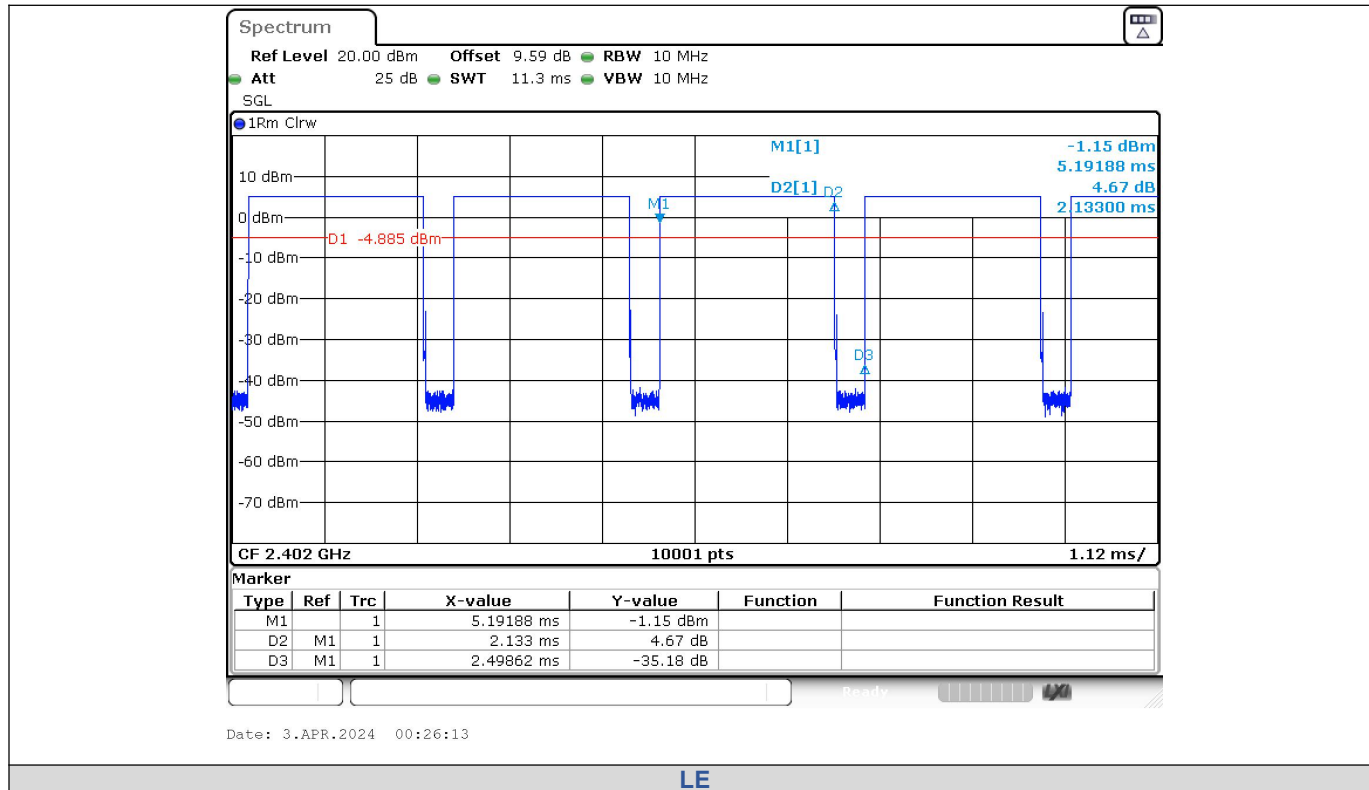
**Spurious Emission
LE_Channel 39**

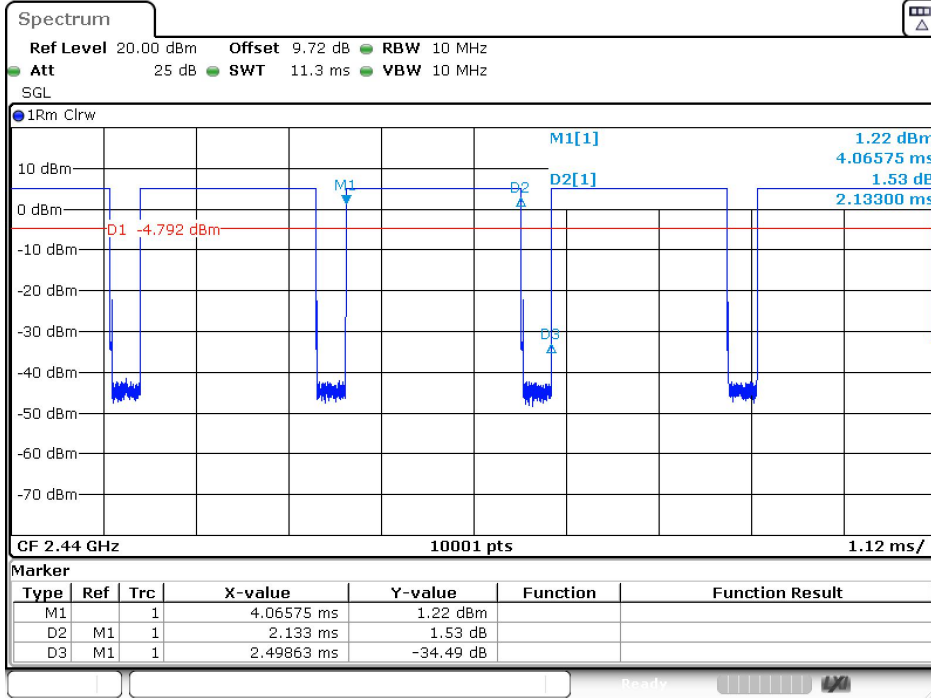
Duty Cycle

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	2.499	85.37	0.8537	0.6869	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47

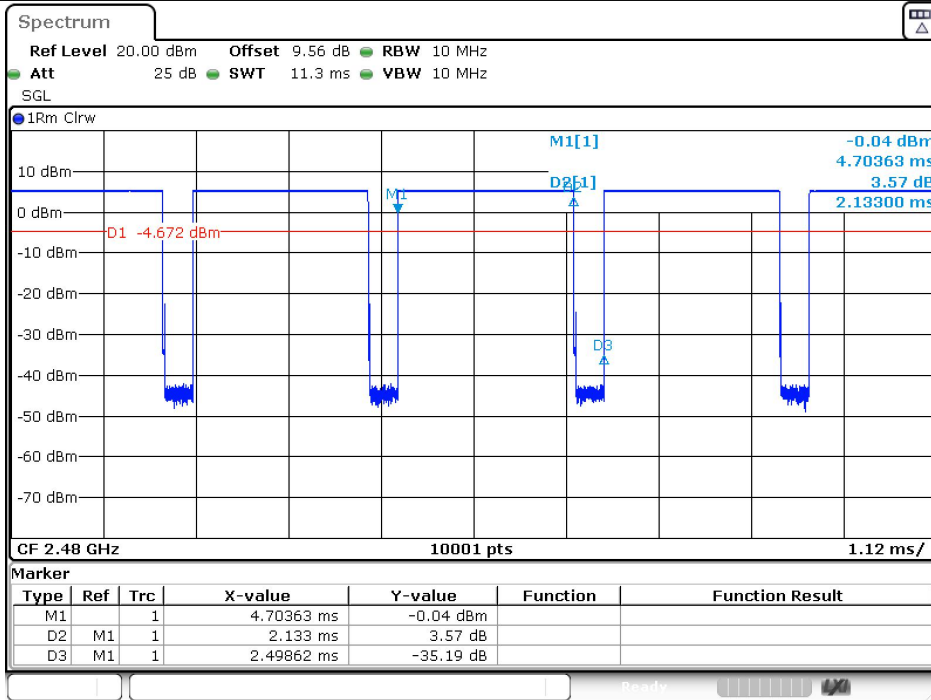
Test Graphs





Date: 3.APR.2024 00:28:39

LE



Date: 3.APR.2024 00:31:04

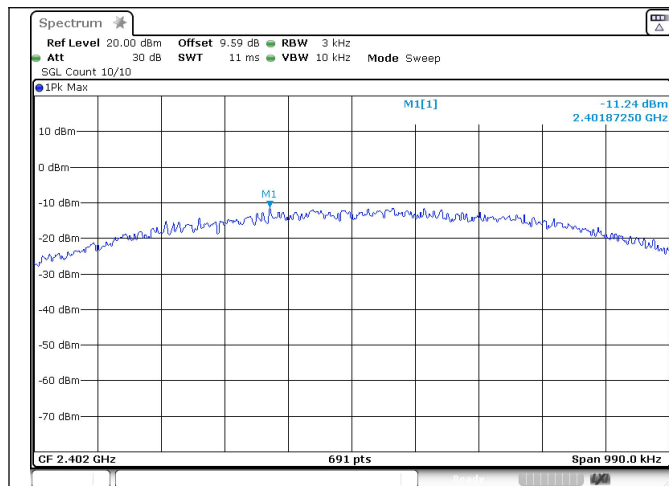
LE

Power Spectral Density

Test Result

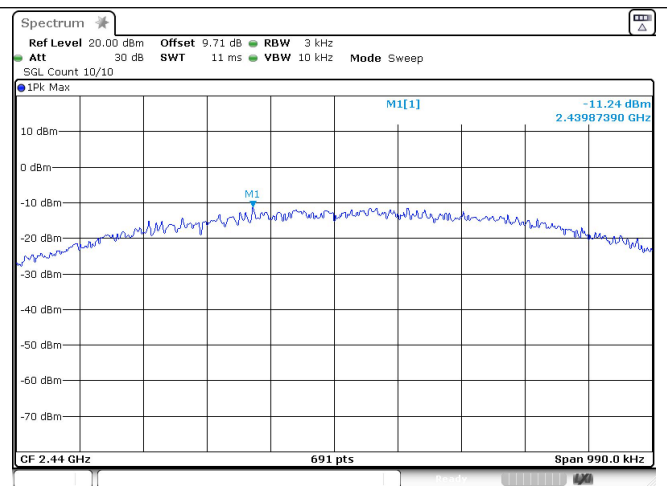
Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
LE	0	-11.237	8	PASS
LE	19	-11.236	8	PASS
LE	39	-11.058	8	PASS

Test Graphs



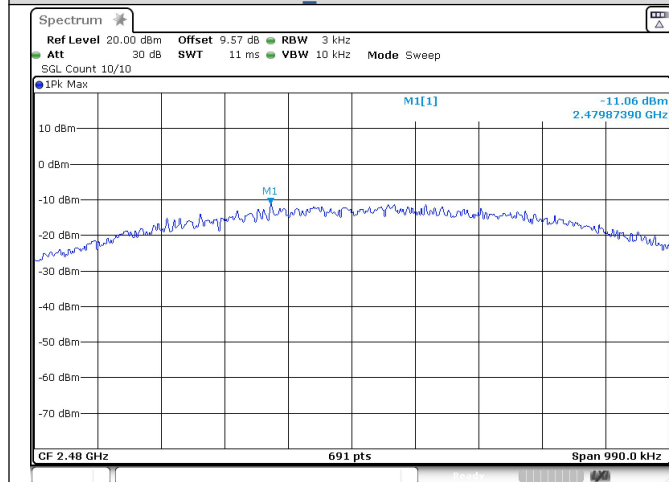
Date: 3.APR.2024 00:27:14

LE_Channel 0



Date: 3.APR.2024 00:29:40

LE_Channel 19



Date: 3.APR.2024 00:32:05

LE_Channel 39