

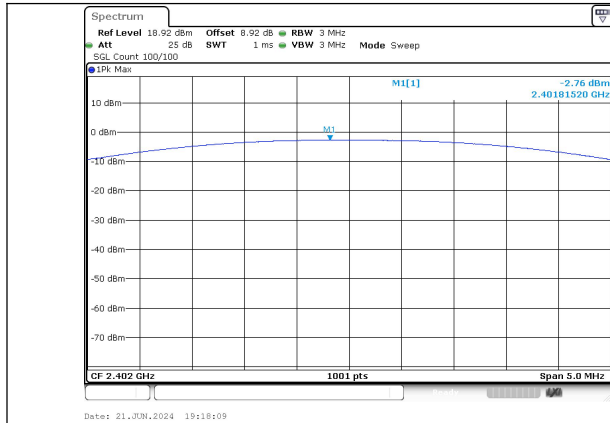
Appendix B

Report No.:	CISRR24051304302
FCC ID:	2BFQI-TK950
Product Name:	keyboard
Model No.:	TK950
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

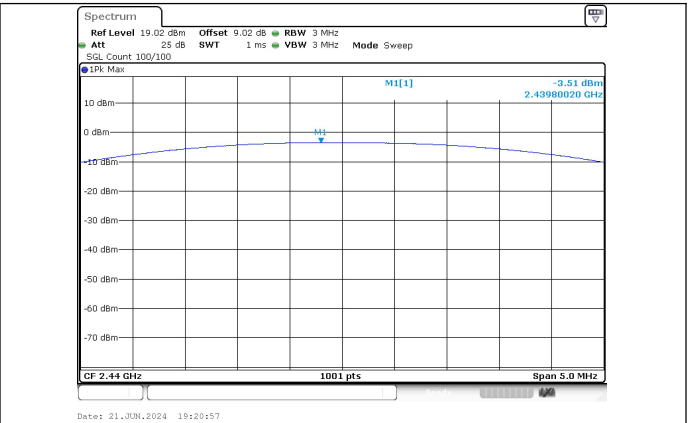
1) Conducted Peak Output Power

Test Result

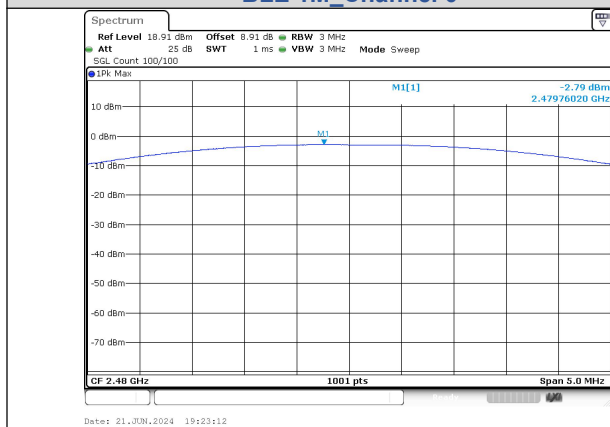
Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	-2.76	0.53	30	PASS
	19	-3.51	0.45	30	PASS
	39	-2.79	0.53	30	PASS



**Peak Output Power
BLE 1M_Channel 0**



**Peak Output Power
BLE 1M_Channel 19**



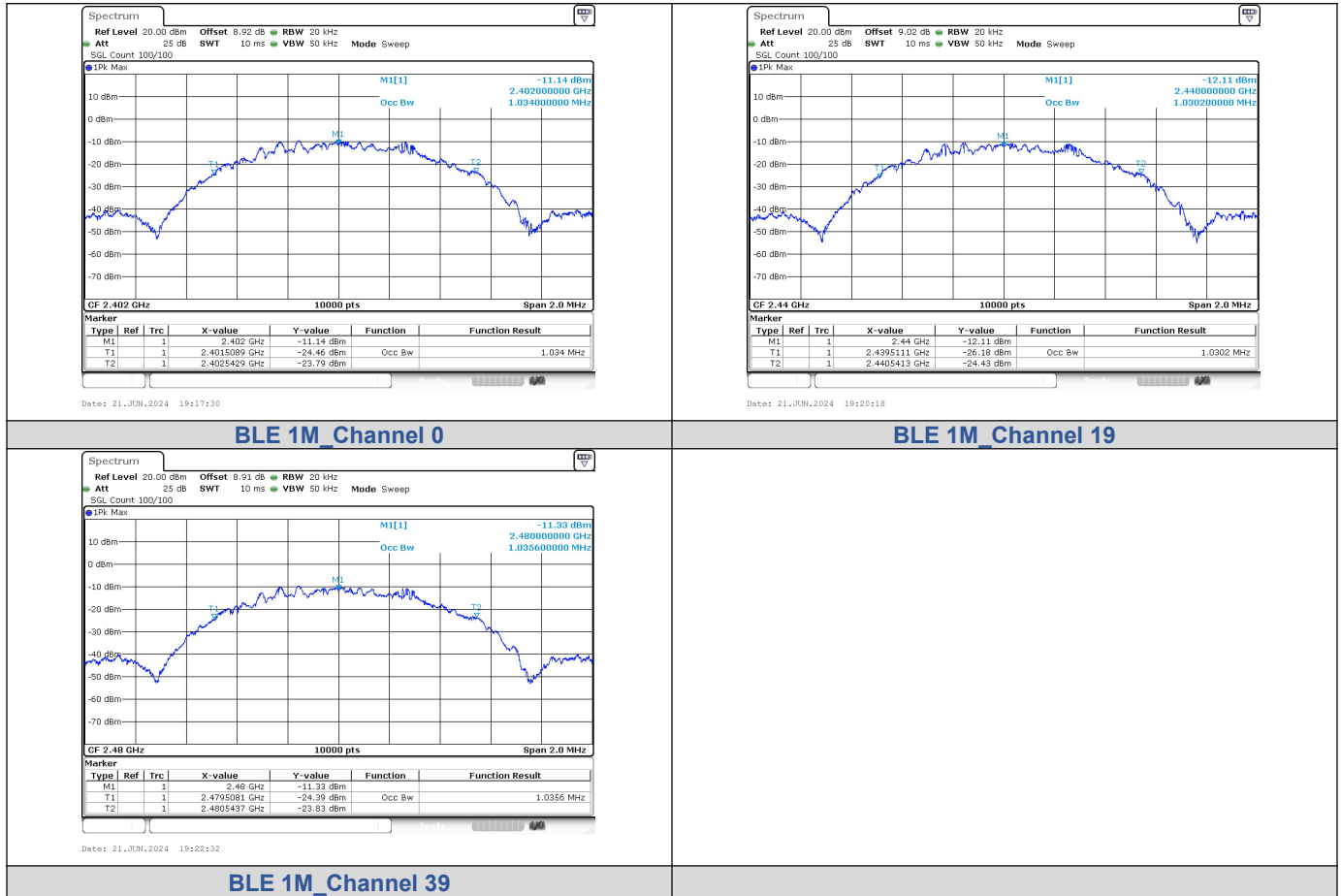
**Peak Output Power
BLE 1M_Channel 39**

99% Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0340
BLE 1M	19	2440	1.0302
BLE 1M	39	2480	1.0356

Test Graphs

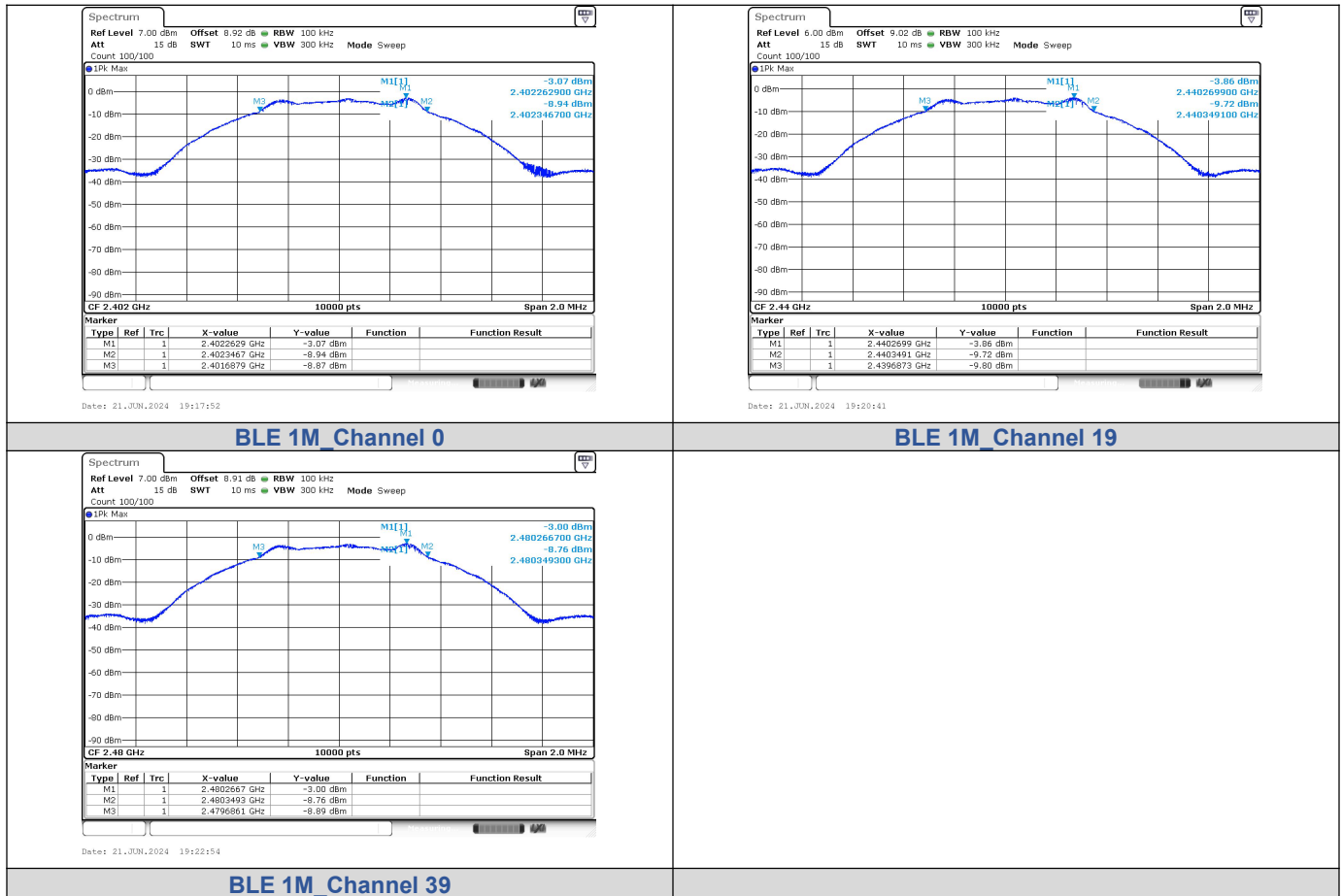


6dB Bandwidth

Test Result

Mode	Channel	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 1M	0	2402	0.6600	≥0.5	PASS
	19	2440	0.6600		PASS
	39	2480	0.6600		PASS

Test Graphs

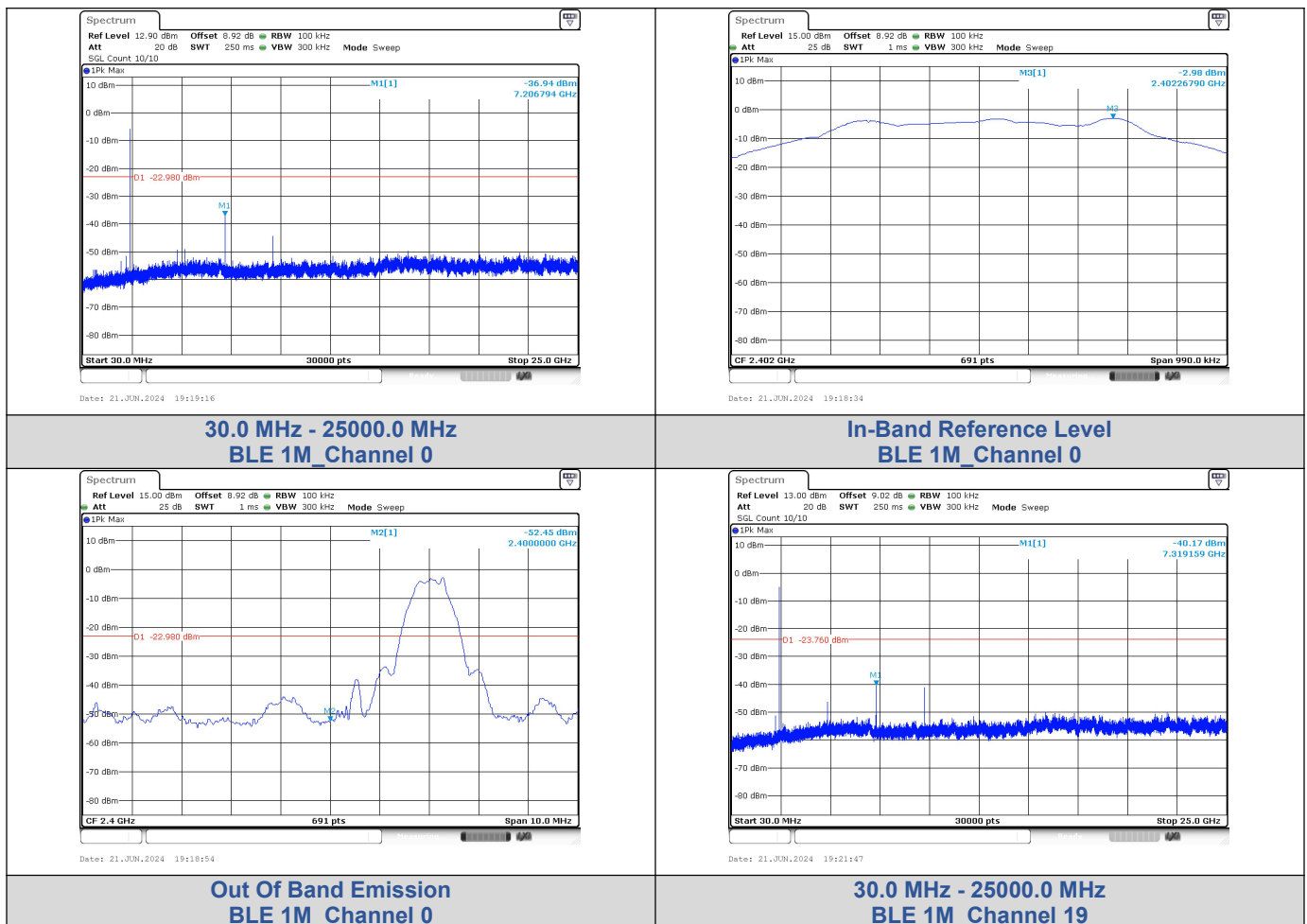


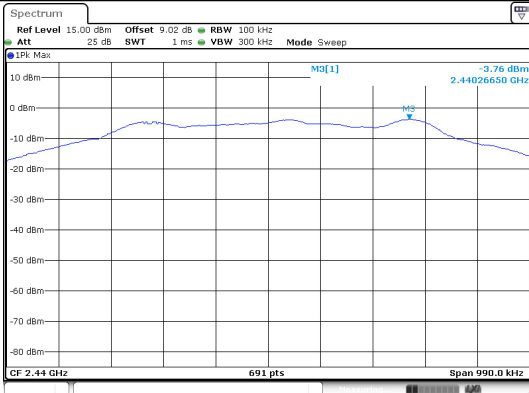
Conducted Out Of Band Emission

Test Result

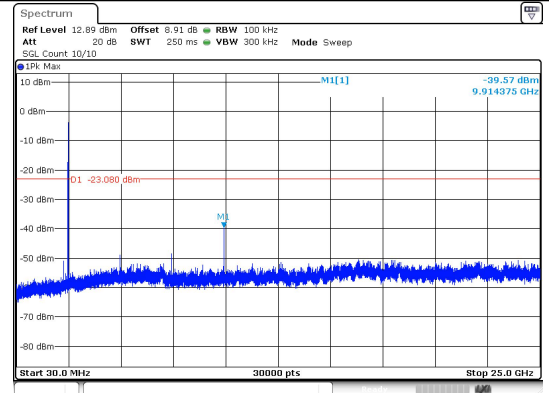
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2399.00	-44.918	-22.98	-21.938	PASS
		2400.00	-52.451	-22.98	-29.471	PASS
		7206.80	-36.942	-22.98	-13.962	PASS
	19	7319.16	-40.167	-23.76	-16.407	PASS
		2483.50	-49.862	-23.08	-26.782	PASS
		9914.37	-39.570	-23.08	-16.490	PASS

Test Graphs

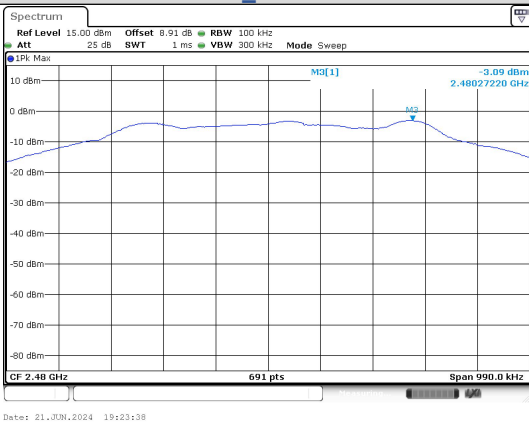




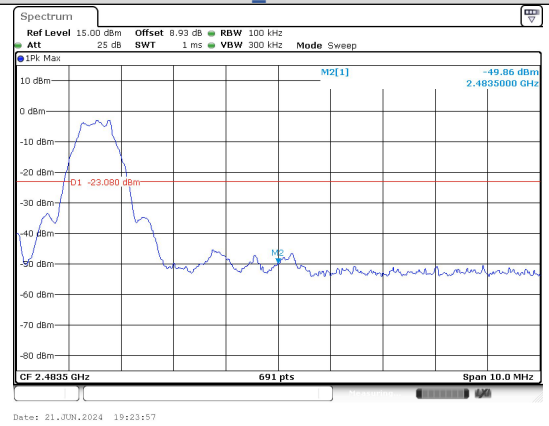
**In-Band Reference Level
BLE 1M_Channel 19**



**30.0 MHz - 25000.0 MHz
BLE 1M_Channel 39**



**In-Band Reference Level
BLE 1M_Channel 39**



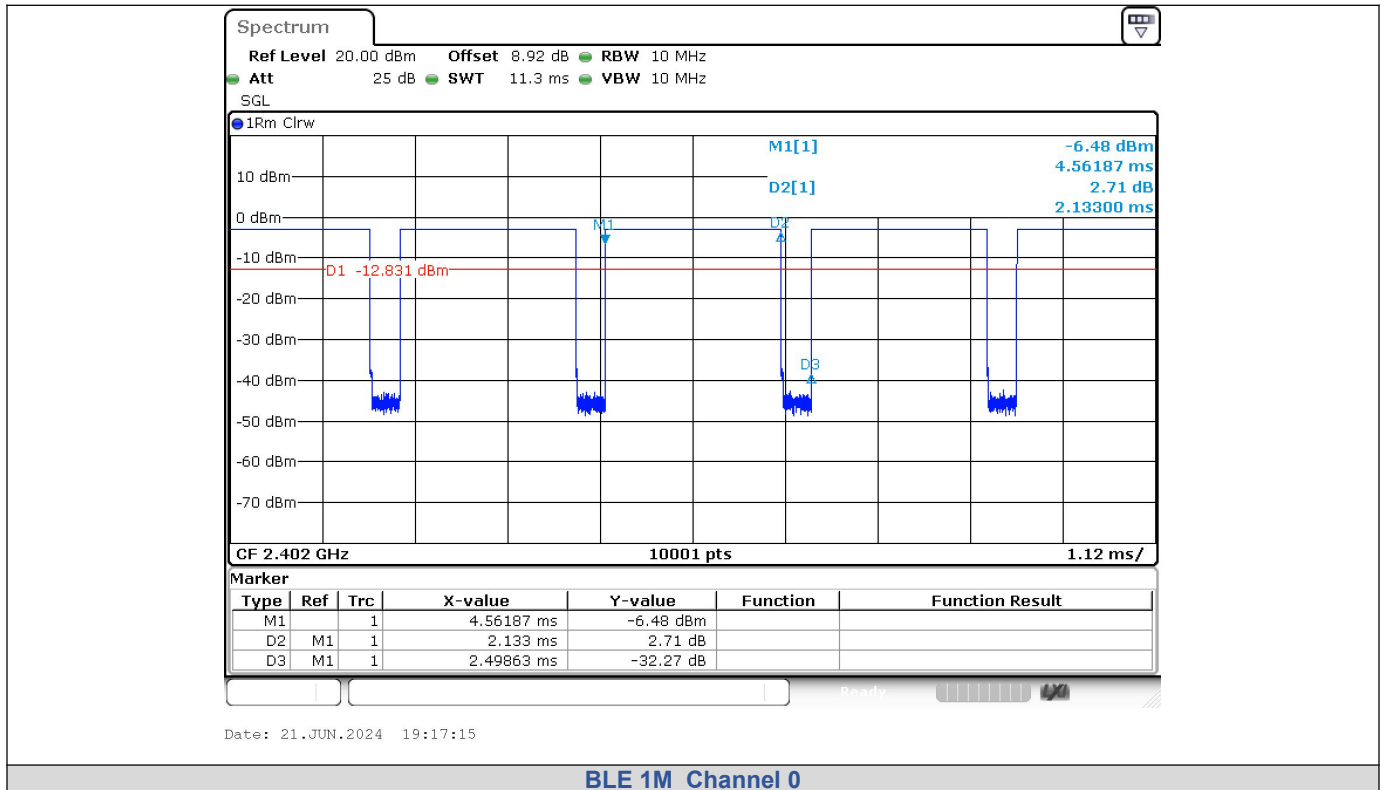
**Out Of Band Emission
BLE 1M_Channel 39**

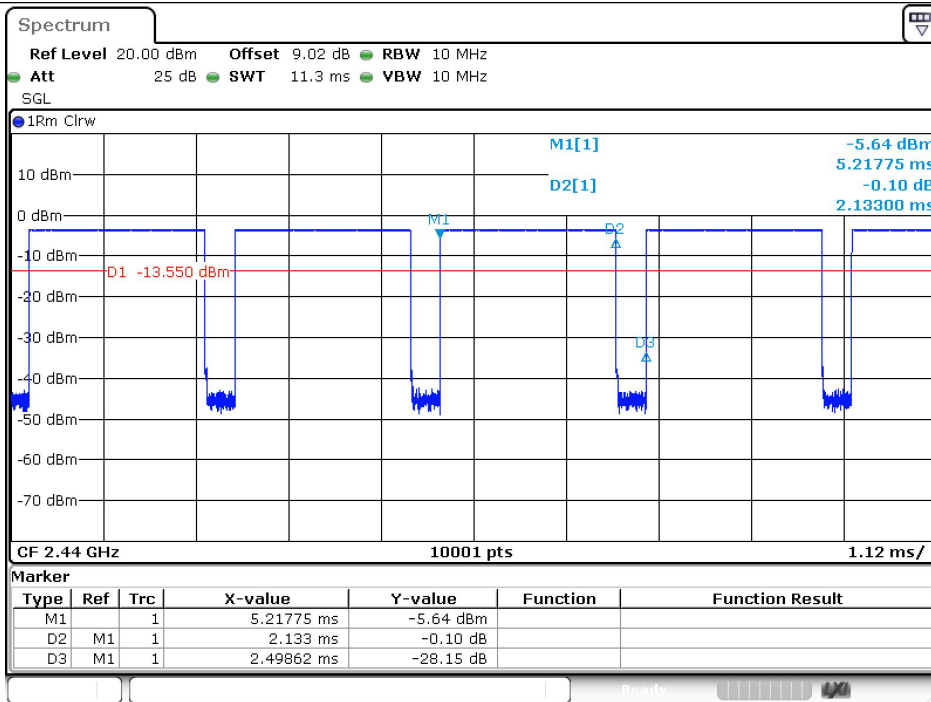
Duty Cycle

Test Result

Mode	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
BLE 1M	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	2.134	2.500	85.37	0.8537	0.6869	0.47

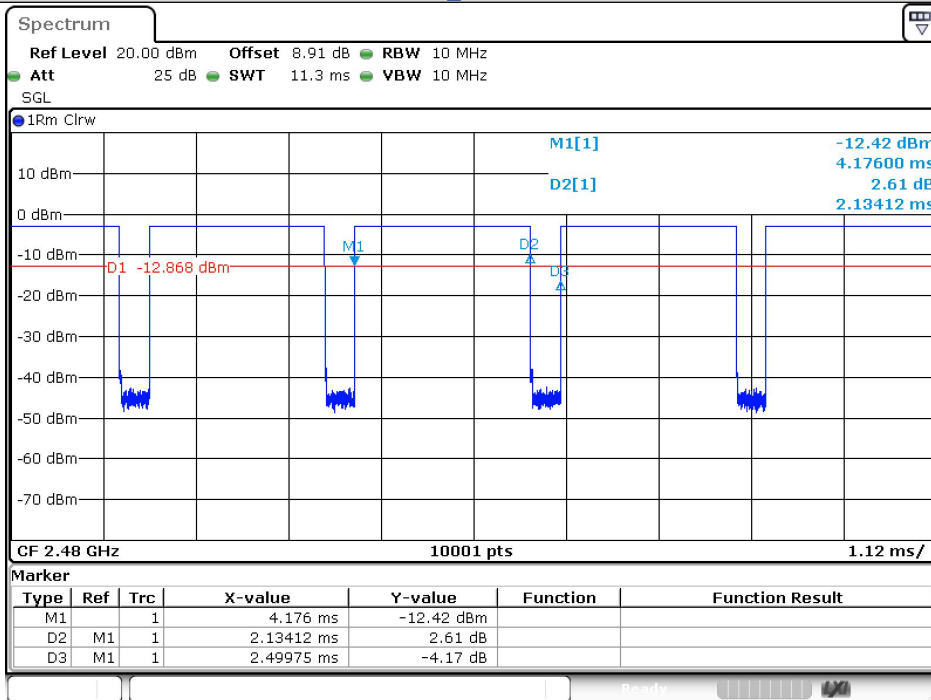
Test Graphs





Date: 21.JUN.2024 19:20:04

BLE 1M_Channel 19



Date: 21.JUN.2024 19:22:17

BLE 1M_Channel 39

Power Spectral Density

Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-19.25	≤8	PASS
BLE 1M	19	-21.69	≤8	PASS
BLE 1M	39	-19.69	≤8	PASS

Test Graphs

