

## Appendix A

Report No.:	CISRR240607070
FCC ID:	2BG4S-TY05
Product Name:	Object Tracking Phone Holder
Model No.:	TY05
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

## Conducted Peak Output Power

### Test Result

Mode	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Limit (dBm)	Result
LE	0	3.40	2.19	30	PASS
	19	2.93	1.96	30	PASS
	39	2.20	1.66	30	PASS

### Test Graphs

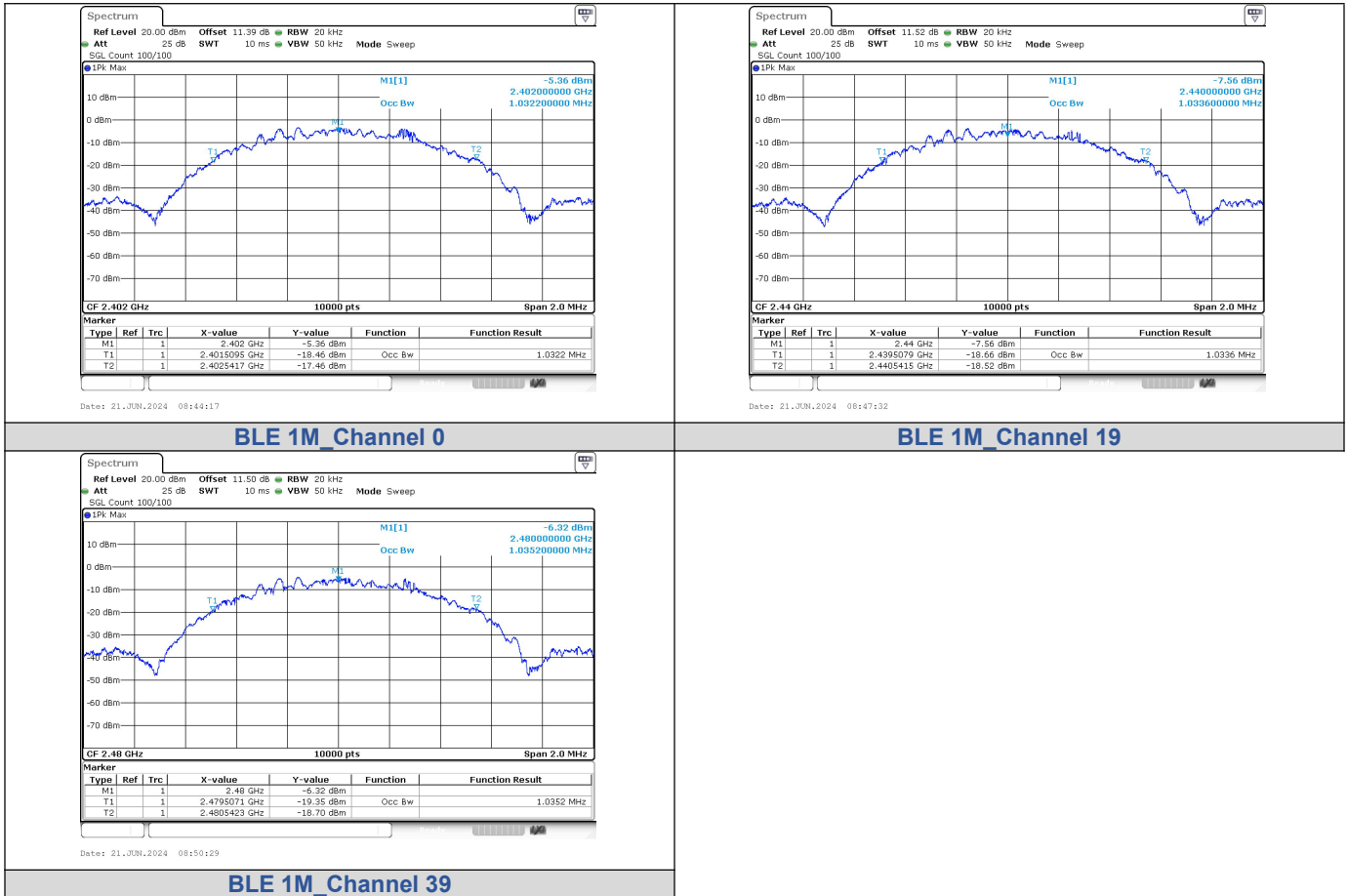


## 99% Bandwidth

### Test Result

Mode	Channel	Center Frequency (MHz)	99% BW (MHz)
BLE 1M	0	2402	1.0320
BLE 1M	19	2440	1.0340
BLE 1M	39	2480	1.0350

### Test Graphs

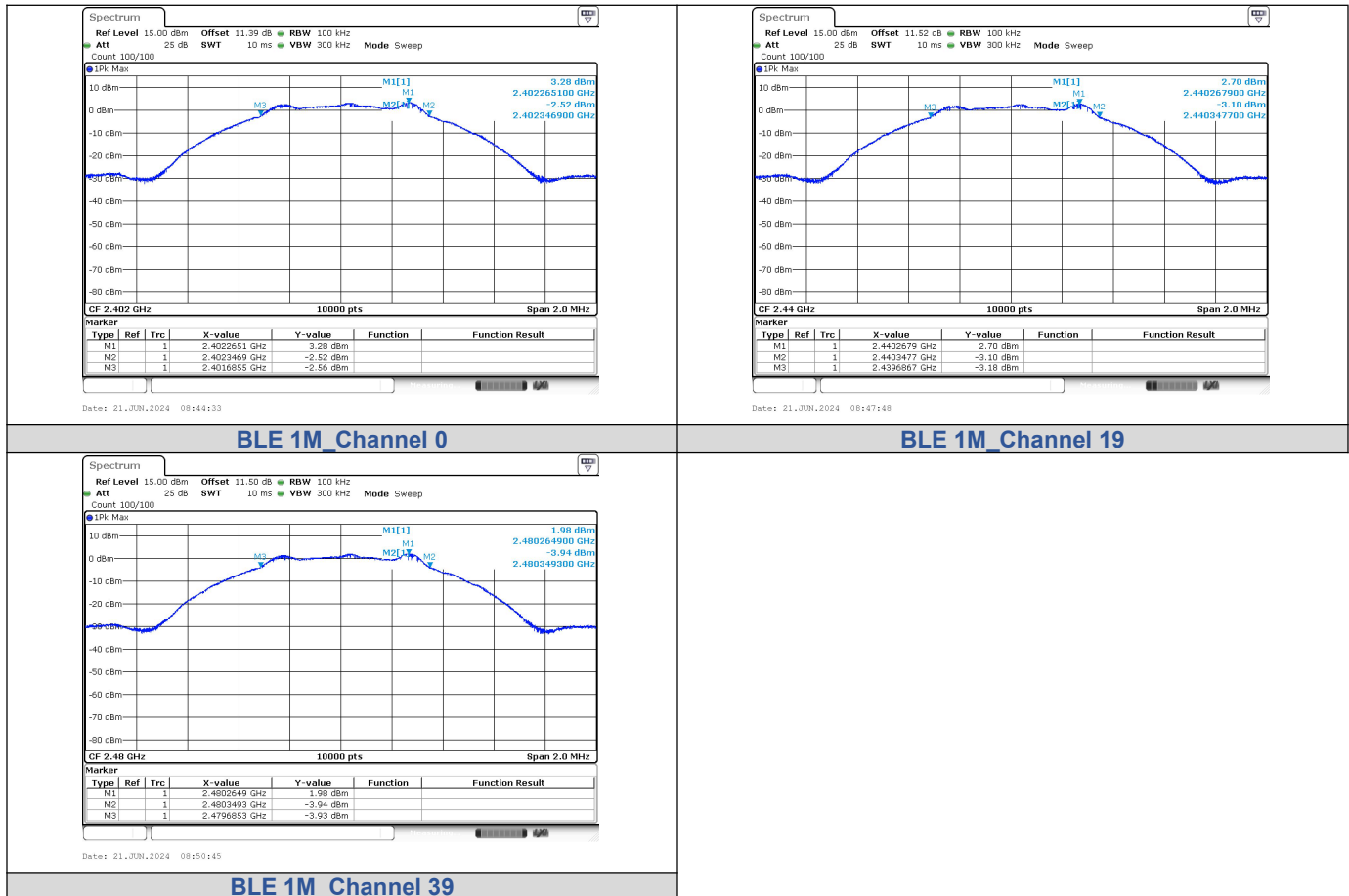


## 6dB Bandwidth

### 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

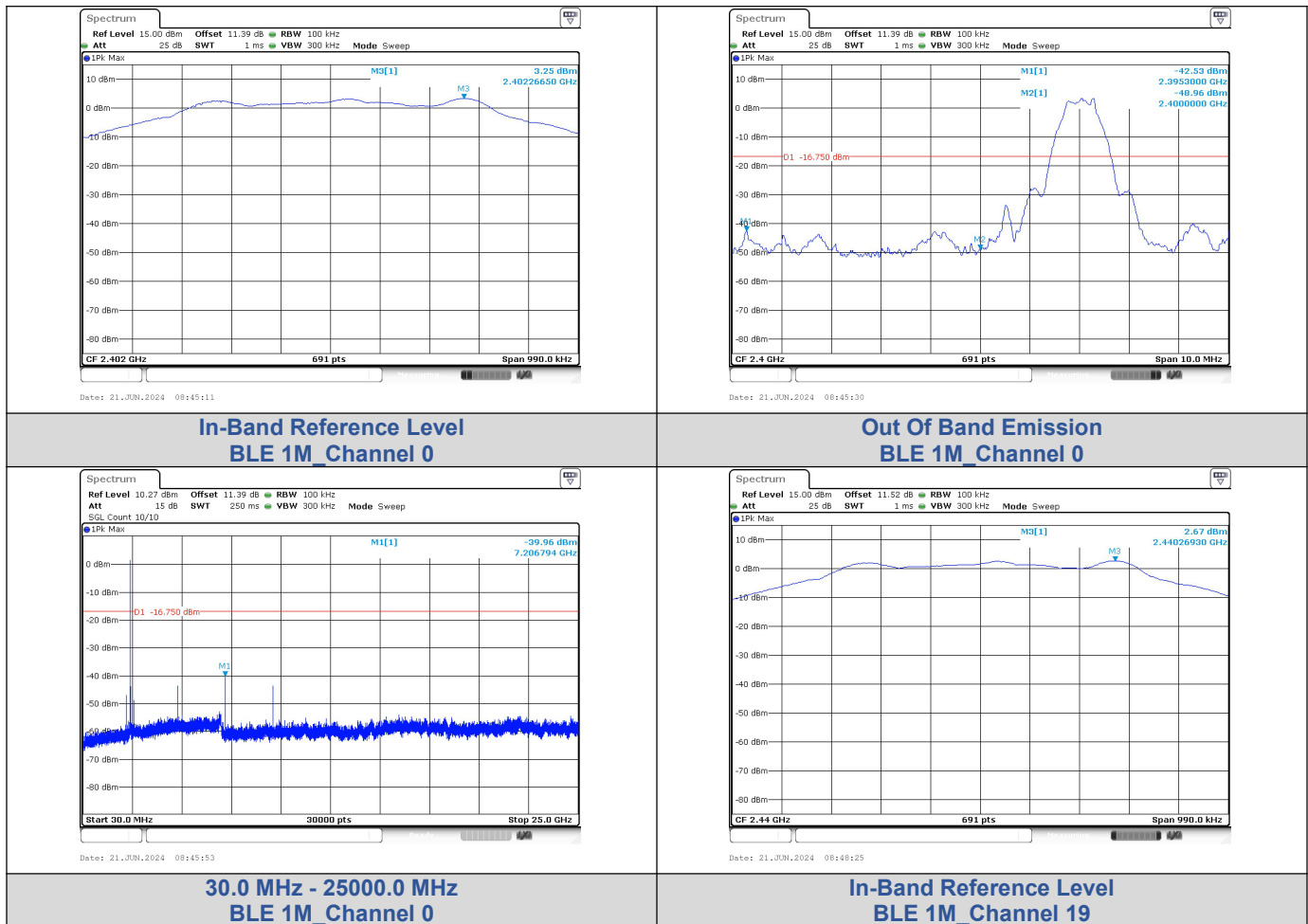


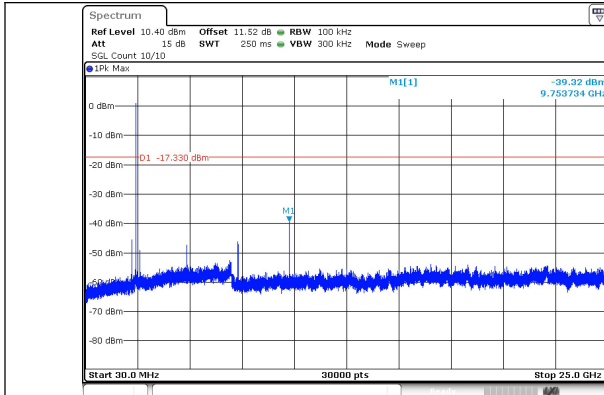
## Conducted Out Of Band Emission

### Test Result

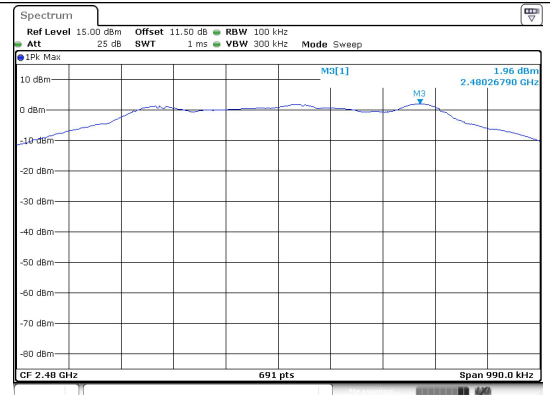
Mode	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
BLE 1M	0	2395.30	-42.534	-16.75	-25.784	PASS
		2400.00	-48.956	-16.75	-32.206	PASS
		7206.80	-39.962	-16.75	-23.212	PASS
	19	9753.73	-39.318	-17.33	-21.988	PASS
		2483.50	-46.831	-18.04	-28.791	PASS
		9914.37	-38.393	-18.04	-20.353	PASS

### Test Graphs

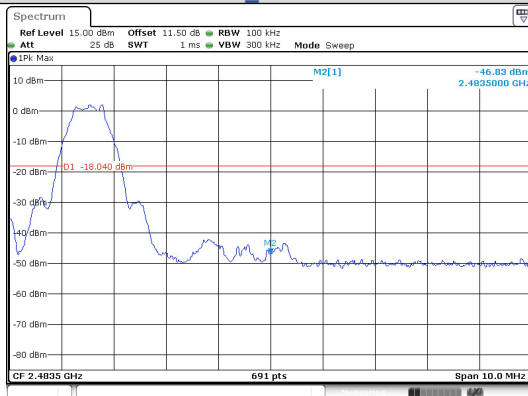




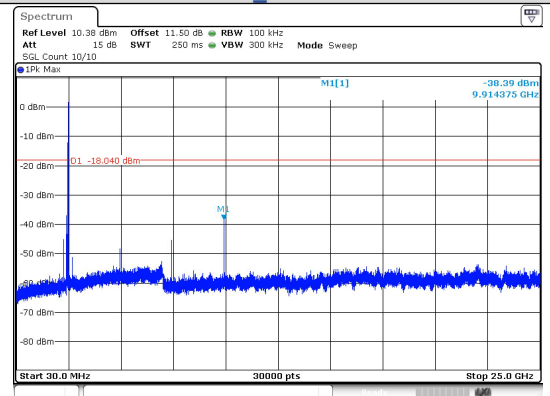
**30.0 MHz - 25000.0 MHz  
BLE 1M\_Channel 19**



**In-Band Reference Level  
BLE 1M\_Channel 39**



**Out Of Band Emission  
BLE 1M\_Channel 39**



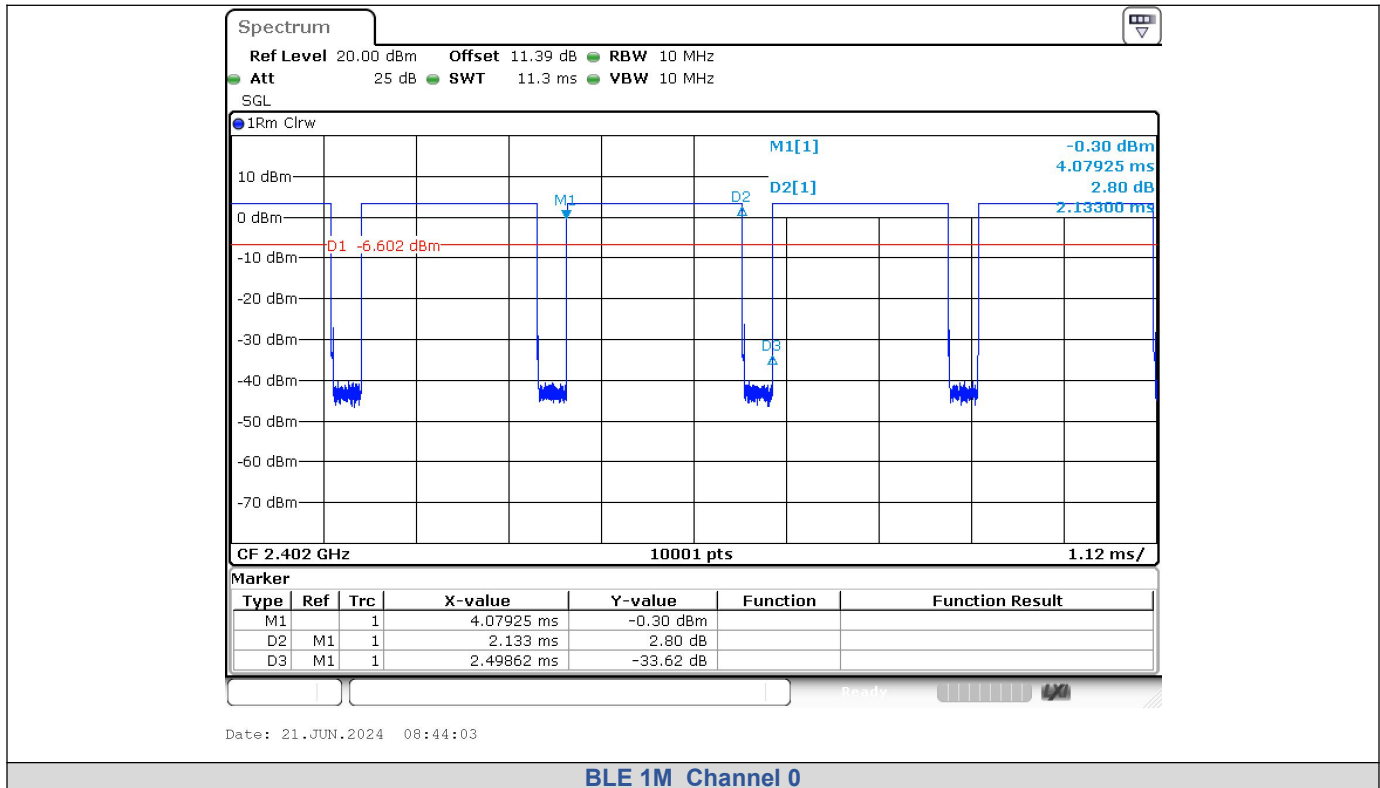
**30.0 MHz - 25000.0 MHz  
BLE 1M\_Channel 39**

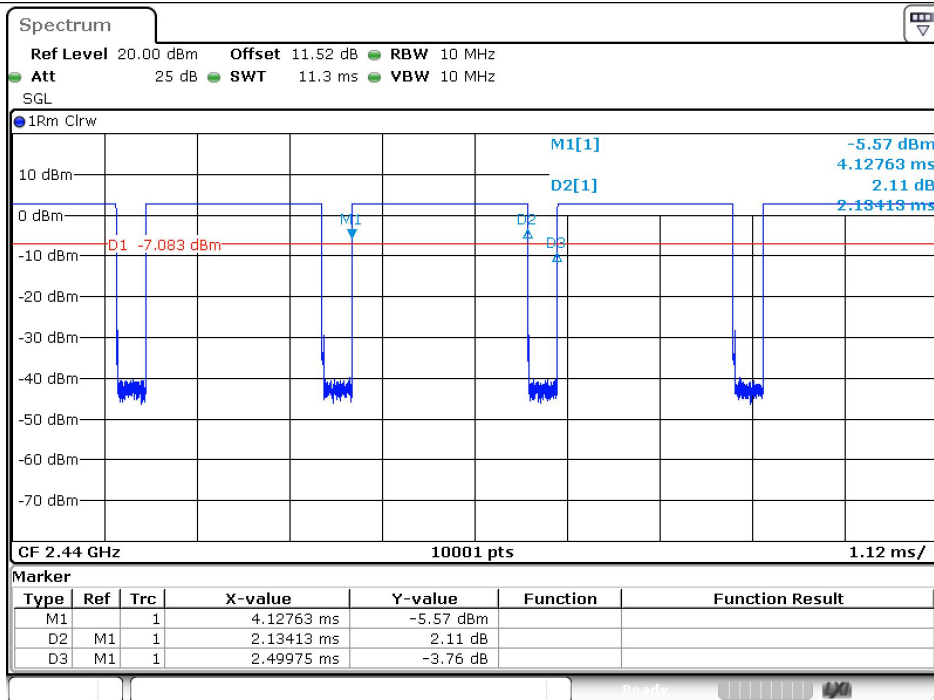
## Duty Cycle

### 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	2.134	2.500	85.37	0.8537	0.6869	0.47
	39	2.133	2.499	85.37	0.8537	0.6869	0.47

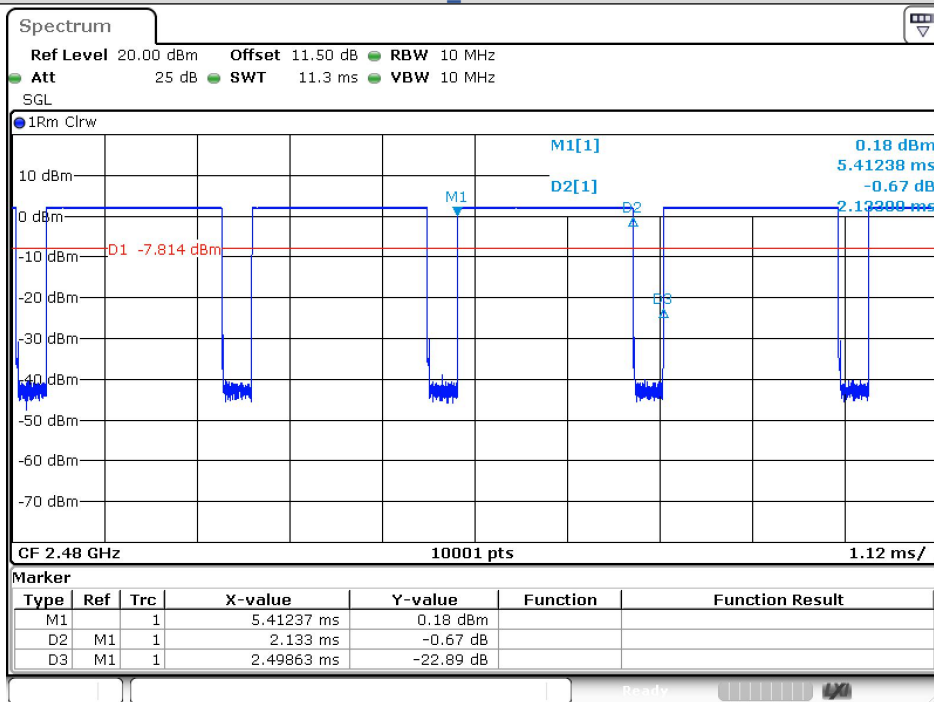
### Test Graphs





Date: 21.JUN.2024 08:47:17

### BLE 1M\_Channel 19



Date: 21.JUN.2024 08:50:15

### BLE 1M\_Channel 39



## Power Spectral Density

### Test Result

Mode	Channel	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
BLE 1M	0	-13.609	≤8	PASS
BLE 1M	19	-13.940	≤8	PASS
BLE 1M	39	-14.314	≤8	PASS

### Test Graphs

