

## Appendix A

|                |                  |
|----------------|------------------|
| Report No.:    | CISRR240913130   |
| FCC ID:        | 2BK6C-T10        |
| Product Name:  | Yebos stylus pen |
| Model No.:     | T10              |
| Test Engineer: | Lucas Huang      |
| Supervised by: | Rory Huang       |

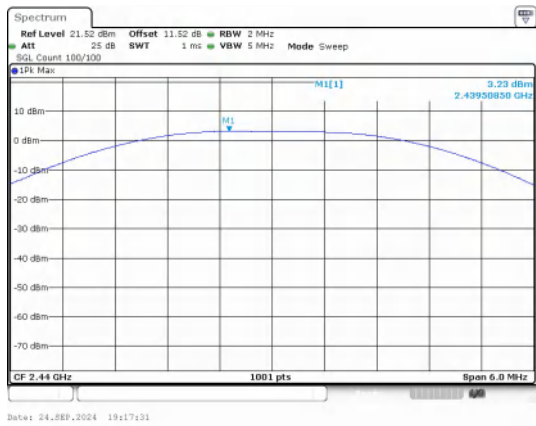
# 1) Conducted Output Power

## Test Result

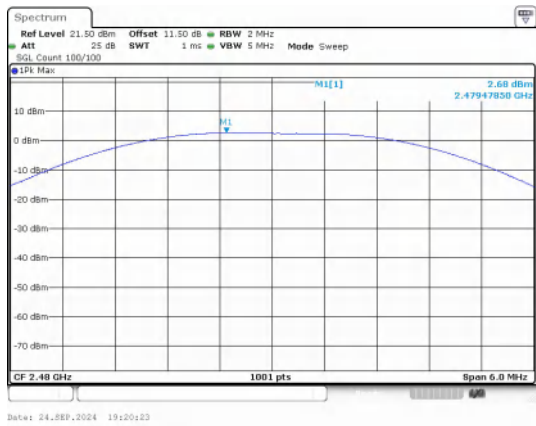
| Mode   | Channel | Peak Output Power (dBm) | Peak Output Power (mW) | Limit (dBm) | Result |
|--------|---------|-------------------------|------------------------|-------------|--------|
| BLE 1M | 0       | 3.28                    | 2.13                   | ≤30         | PASS   |
|        | 19      | 2.91                    | 1.95                   | ≤30         | PASS   |
|        | 39      | 2.32                    | 1.7                    | ≤30         | PASS   |
| BLE 2M | 0       | 3.34                    | 2.16                   | ≤30         | PASS   |
|        | 19      | 3.23                    | 2.1                    | ≤30         | PASS   |
|        | 39      | 2.68                    | 1.85                   | ≤30         | PASS   |

## Test Graphs





Peak Output Power  
BLE 2M\_Channel 19



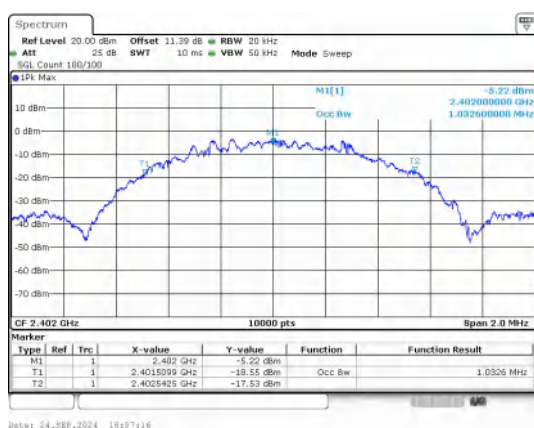
Peak Output Power  
BLE 2M\_Channel 39

## 2) 99% Bandwidth

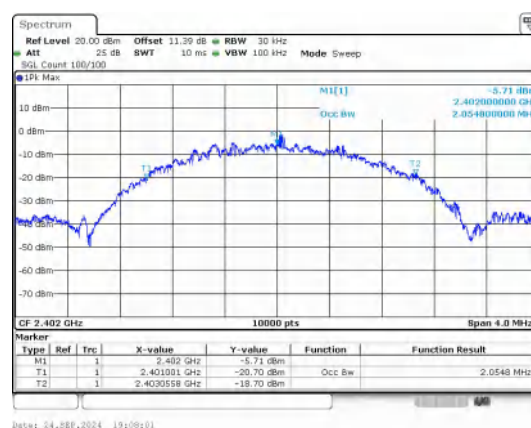
### Test Result

| Mode   | Channel | Center Frequency (MHz) | 99% BW (MHz) |
|--------|---------|------------------------|--------------|
| BLE 1M | 0       | 2402                   | 1.0326       |
| BLE 1M | 19      | 2440                   | 1.0322       |
| BLE 1M | 39      | 2480                   | 1.0314       |
| BLE 2M | 0       | 2402                   | 2.0548       |
| BLE 2M | 19      | 2440                   | 2.0456       |
| BLE 2M | 39      | 2480                   | 2.0540       |

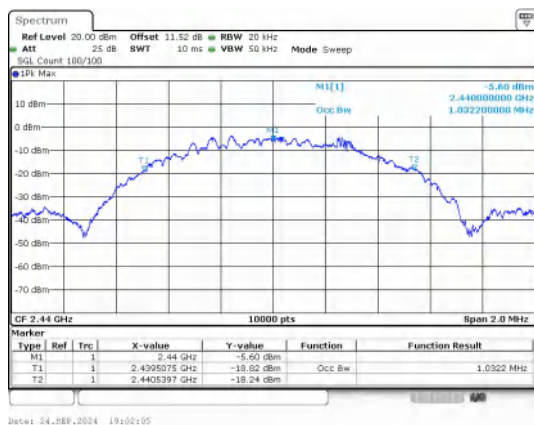
### Test Graphs



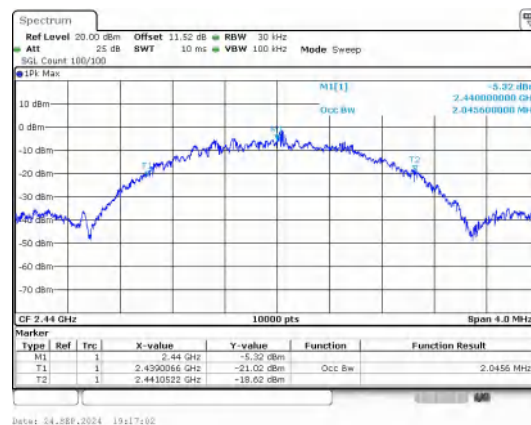
BLE 1M\_Channel 0



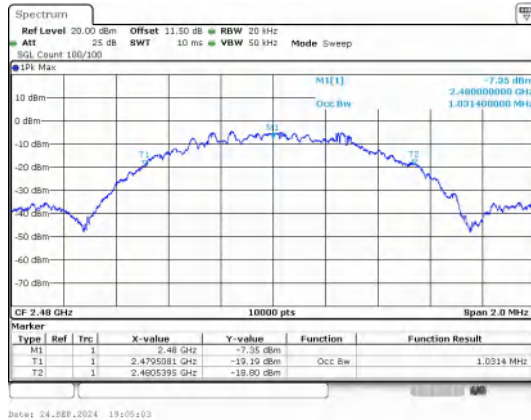
BLE 2M\_Channel 0



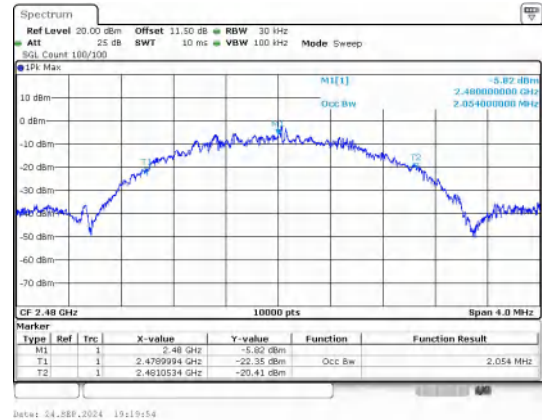
BLE 1M\_Channel 19



BLE 2M\_Channel 19



BLE 1M\_Channel 39



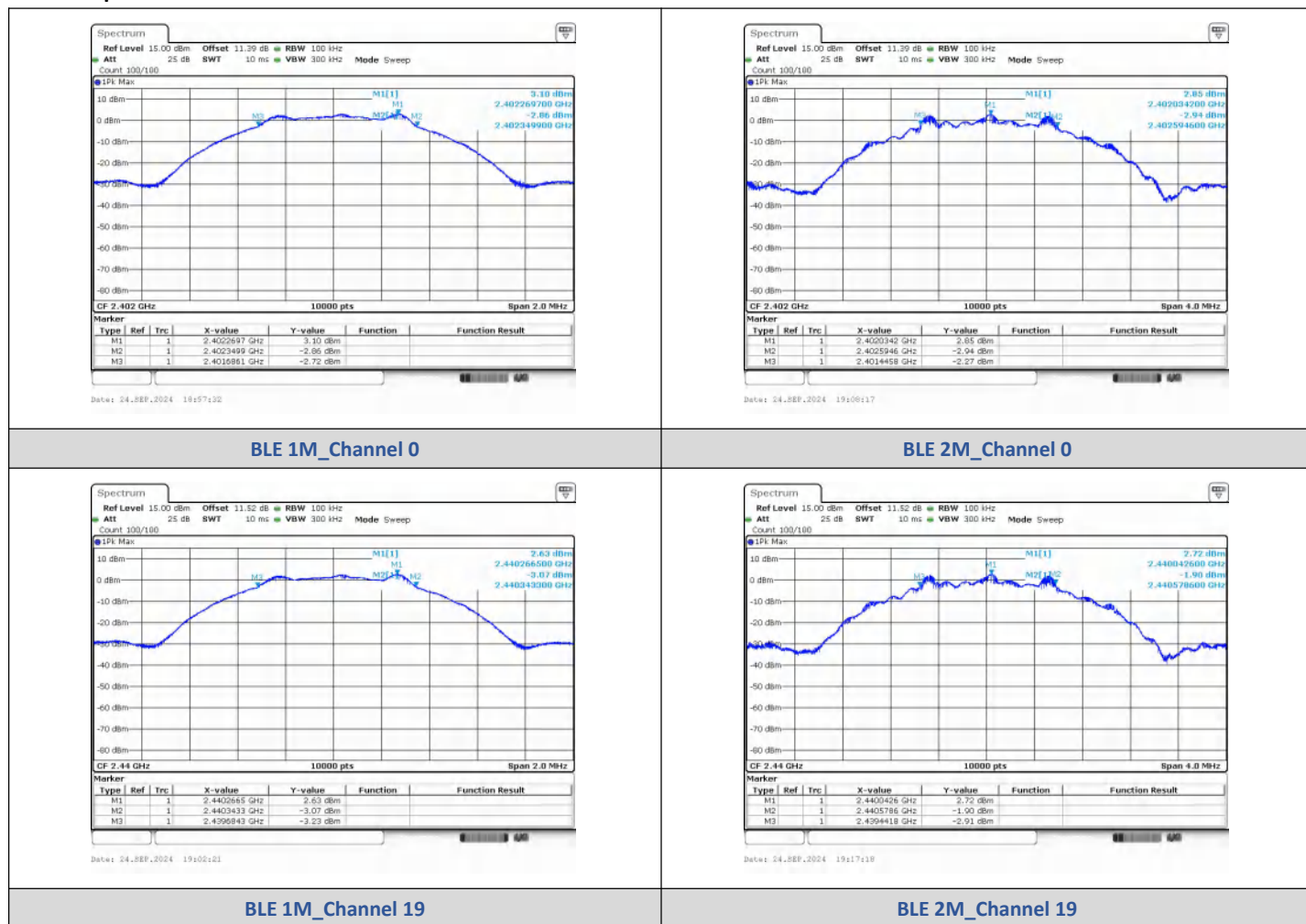
BLE 2M\_Channel 39

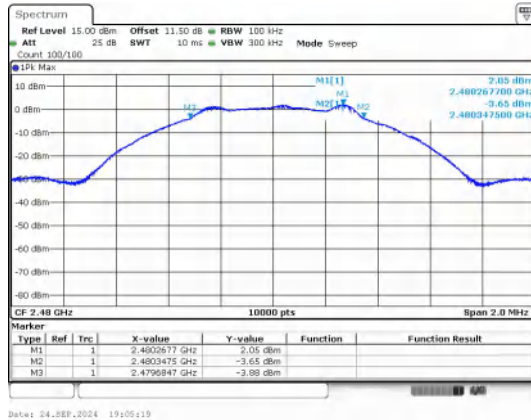
### 3) 6dB Bandwidth

#### Test Result

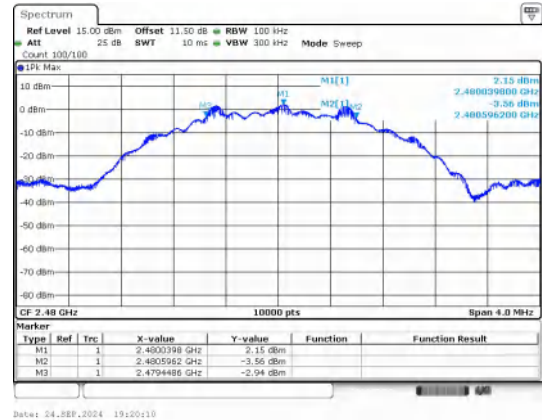
| Mode   | Channel | Center Frequency (MHz) | 6 dB Bandwidth (MHz) | Limit (MHz) | Result |
|--------|---------|------------------------|----------------------|-------------|--------|
| BLE 1M | 0       | 2402                   | 0.6600               | ≥0.5        | PASS   |
|        | 19      | 2440                   | 0.6600               |             | PASS   |
|        | 39      | 2480                   | 0.6700               |             | PASS   |
| BLE 2M | 0       | 2402                   | 1.140                |             | PASS   |
|        | 19      | 2440                   | 1.140                |             | PASS   |
|        | 39      | 2480                   | 1.150                |             | PASS   |

#### Test Graphs





BLE 1M\_Channel 39



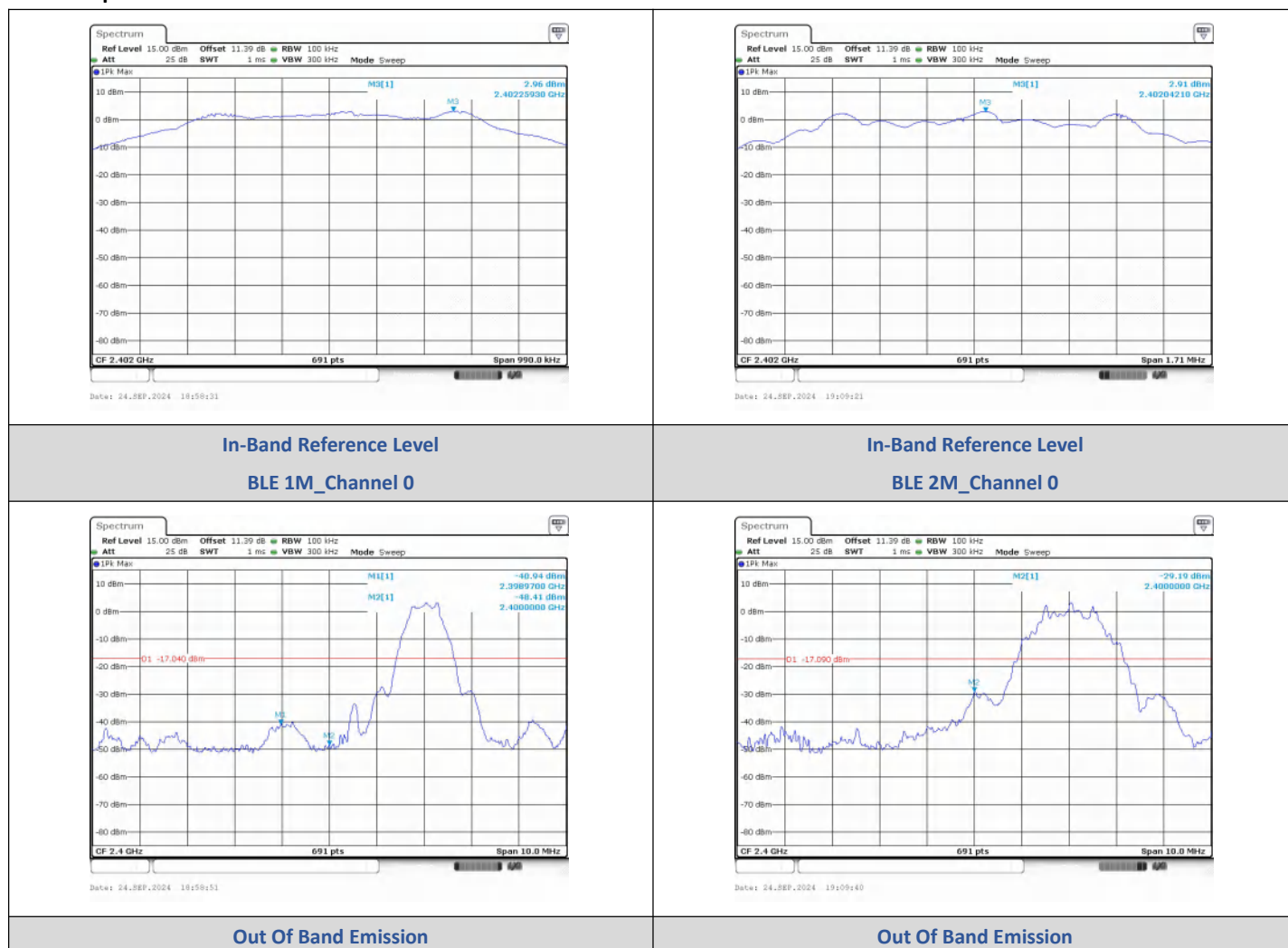
BLE 2M\_Channel 39

## 4) Conducted Out Of Band Emission

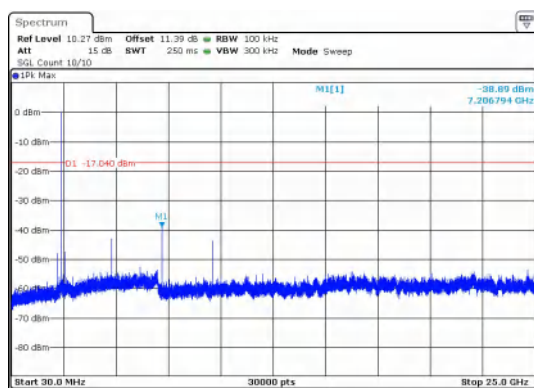
### Test Result

| Mode   | Channel | OOB Emission Frequency (MHz) | OOB Emission Level (dBm) | Limit (dBm) | Over Limit (dB) | Result |
|--------|---------|------------------------------|--------------------------|-------------|-----------------|--------|
| BLE 1M | 0       | 2398.97                      | -40.938                  | -17.04      | -23.898         | PASS   |
|        |         | 2400.00                      | -48.412                  | -17.04      | -31.372         | PASS   |
|        |         | 7206.80                      | -38.893                  | -17.04      | -21.853         | PASS   |
|        | 19      | 9753.73                      | -39.623                  | -17.38      | -22.243         | PASS   |
|        |         | 2483.50                      | -44.999                  | -17.95      | -27.049         | PASS   |
|        |         | 9914.37                      | -38.522                  | -17.95      | -20.572         | PASS   |
| BLE 2M | 0       | 2400.00                      | -29.189                  | -17.09      | -12.099         | PASS   |
|        |         | 7204.30                      | -37.158                  | -17.09      | -20.068         | PASS   |
|        | 19      | 9753.73                      | -39.413                  | -17.26      | -22.153         | PASS   |
|        |         | 2483.50                      | -50.551                  | -17.83      | -32.721         | PASS   |
|        | 39      | 9914.37                      | -38.332                  | -17.83      | -20.502         | PASS   |
|        |         |                              |                          |             |                 |        |

### Test Graphs

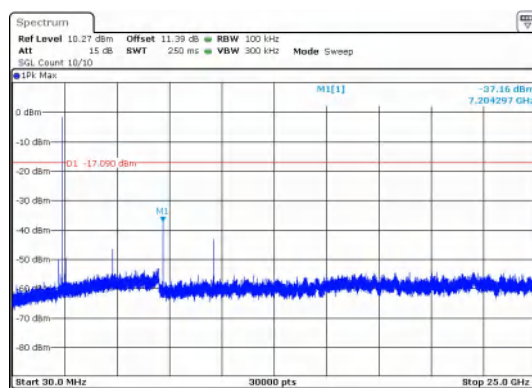


BLE 1M\_Channel 0



Date: 24.SEP.2024 19:10:12

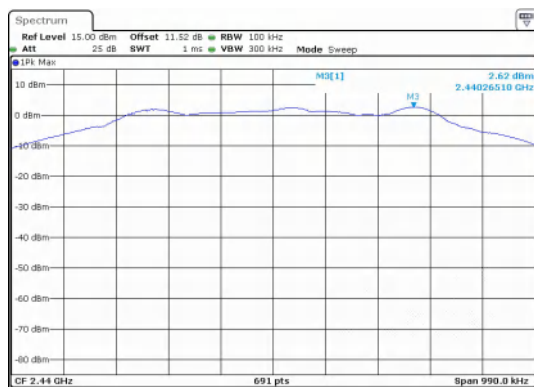
BLE 2M\_Channel 0



Date: 24.SEP.2024 19:10:03

30.0 MHz - 25000.0 MHz

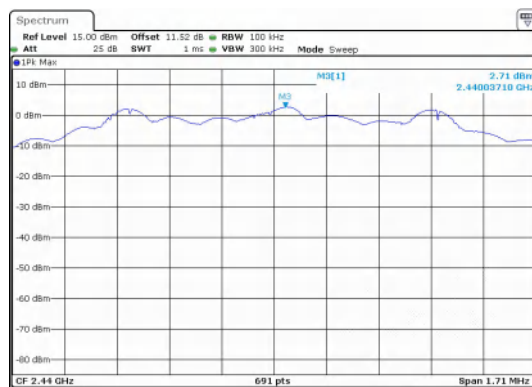
BLE 1M\_Channel 0



Date: 24.SEP.2024 19:10:21

30.0 MHz - 25000.0 MHz

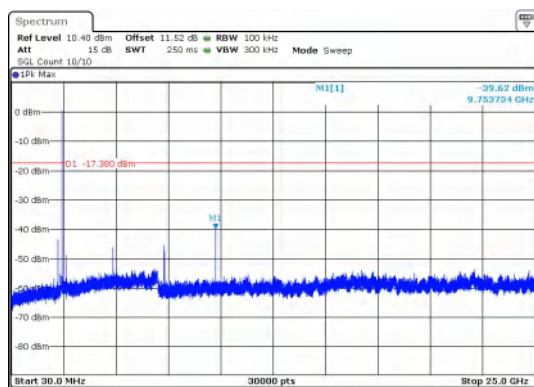
BLE 2M\_Channel 0



Date: 24.SEP.2024 19:18:22

In-Band Reference Level

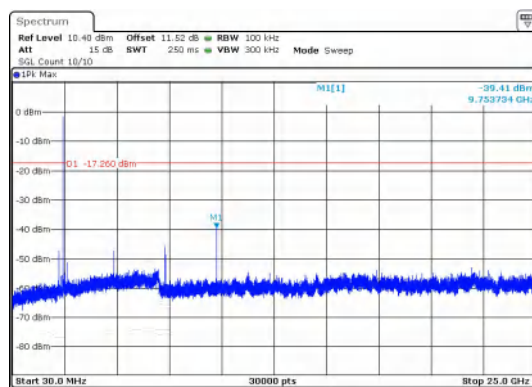
BLE 1M\_Channel 19



Date: 24.SEP.2024 19:10:45

In-Band Reference Level

BLE 2M\_Channel 19



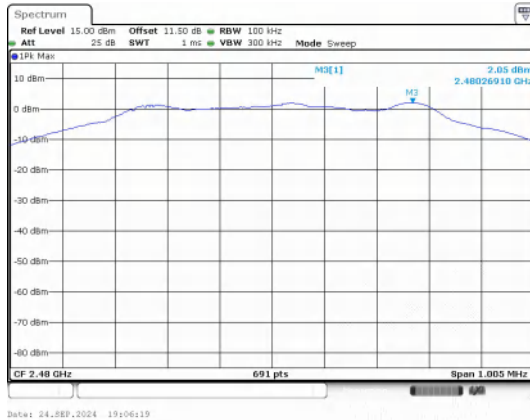
Date: 24.SEP.2024 19:18:46

30.0 MHz - 25000.0 MHz

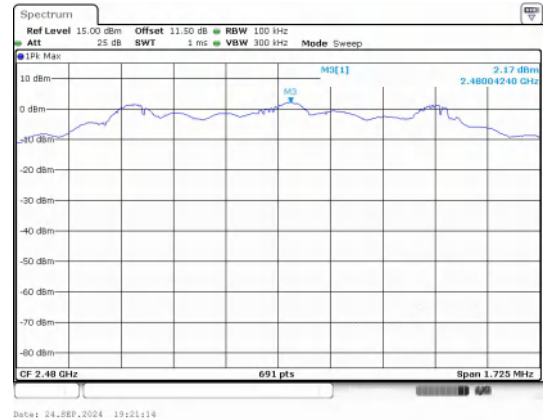
BLE 1M\_Channel 19

30.0 MHz - 25000.0 MHz

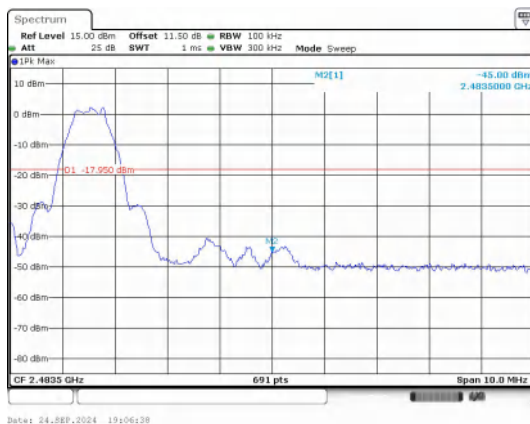
BLE 2M\_Channel 19



In-Band Reference Level  
BLE 1M\_Channel 39



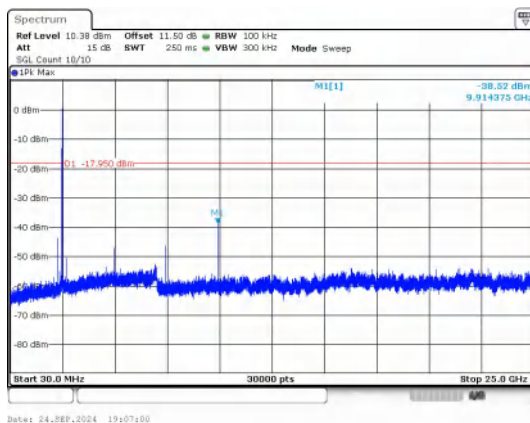
In-Band Reference Level  
BLE 2M\_Channel 39



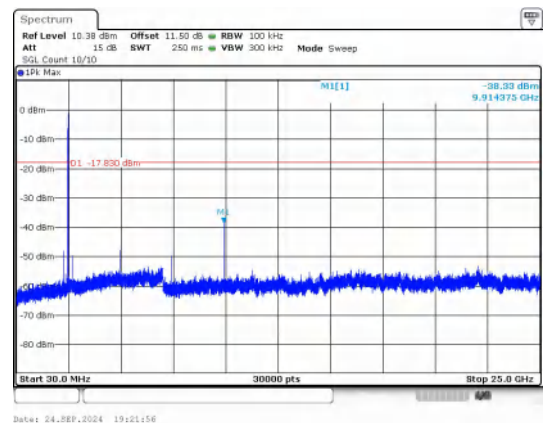
Out Of Band Emission  
BLE 1M\_Channel 39



Out Of Band Emission  
BLE 2M\_Channel 39



30.0 MHz - 25000.0 MHz  
BLE 1M\_Channel 39



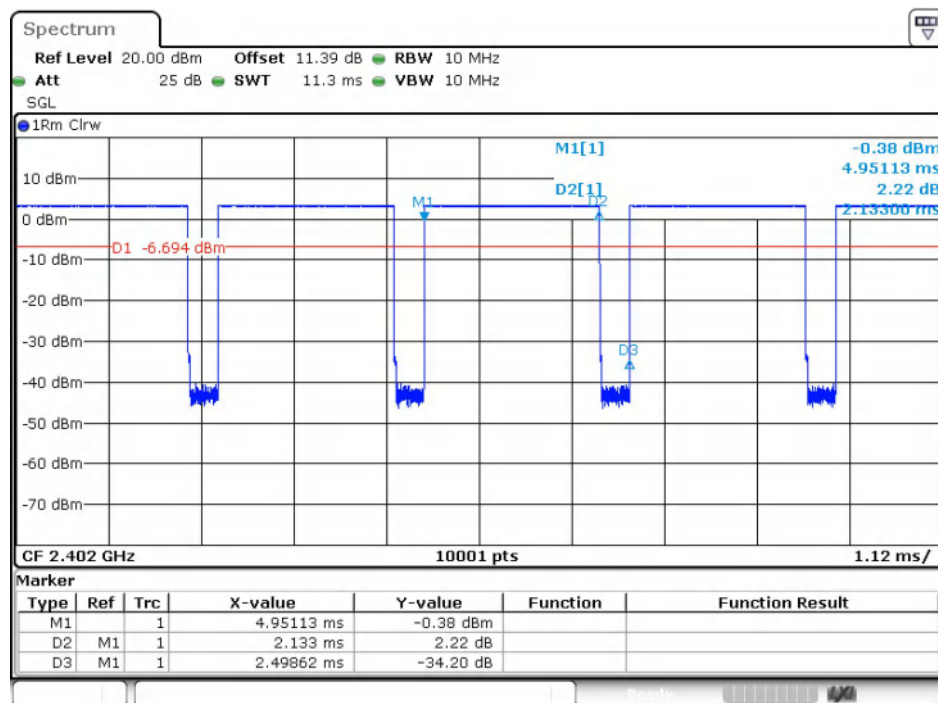
30.0 MHz - 25000.0 MHz  
BLE 2M\_Channel 39

## 5) Duty Cycle

### Test Result

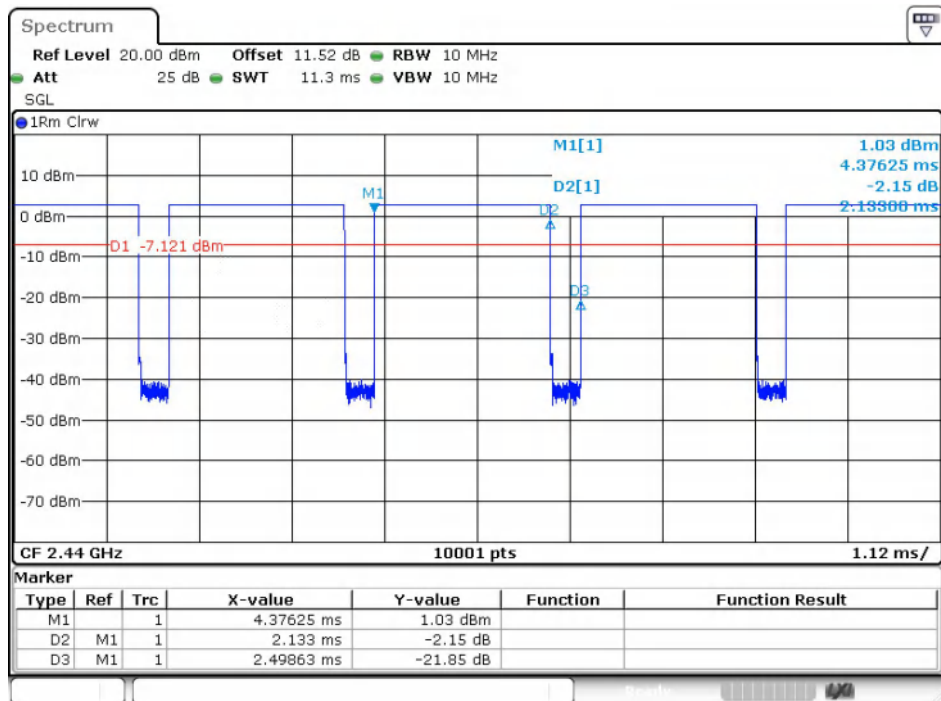
| Mode   | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T  |
|--------|---------|--------------|-------------|----------------|---------------------|------------------------|------|
| BLE 1M | 0       | 2.133        | 2.499       | 85.37          | 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 |
| BLE 2M | 0       | 1.081        | 2.499       | 43.27          | 0.4327              | 3.6381                 | 0.93 |
|        | 19      | 1.081        | 2.500       | 43.25          | 0.4325              | 3.6401                 | 0.93 |
|        | 39      | 1.082        | 2.500       | 43.29          | 0.4329              | 3.6361                 | 0.92 |

### Test Graphs



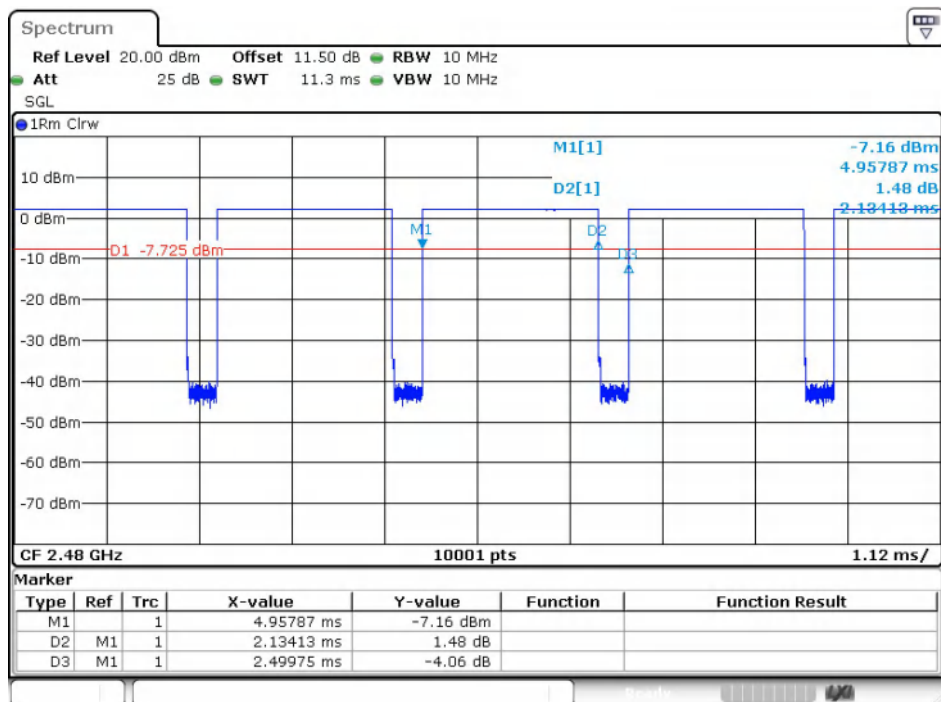
Date: 24.SEP.2024 18:57:02

BLE 1M\_Channel 0



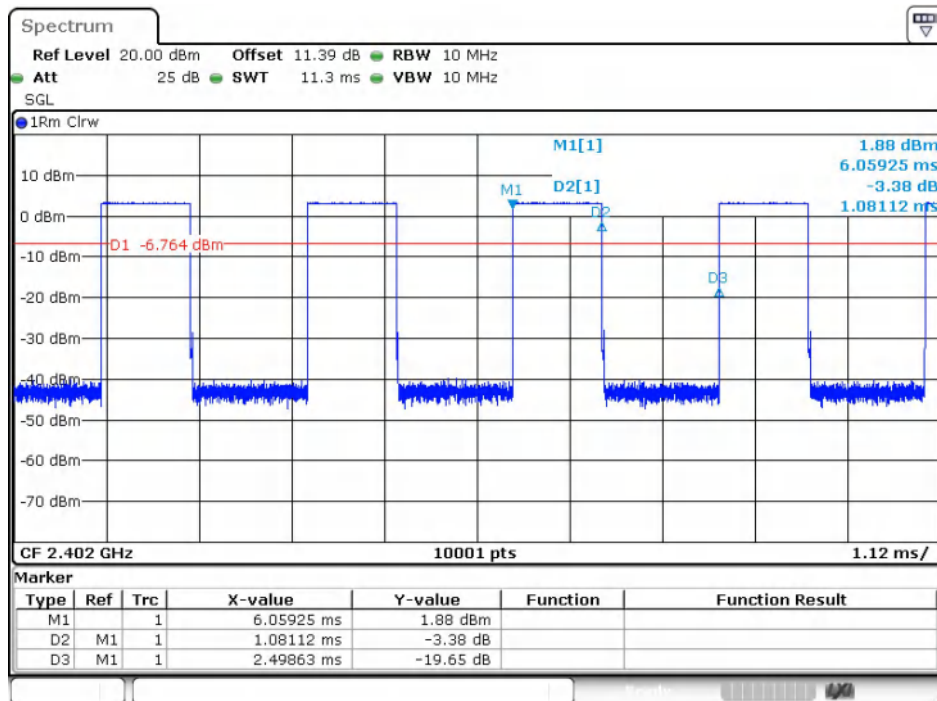
Date: 24.SEP.2024 19:01:50

### BLE 1M\_Channel 19



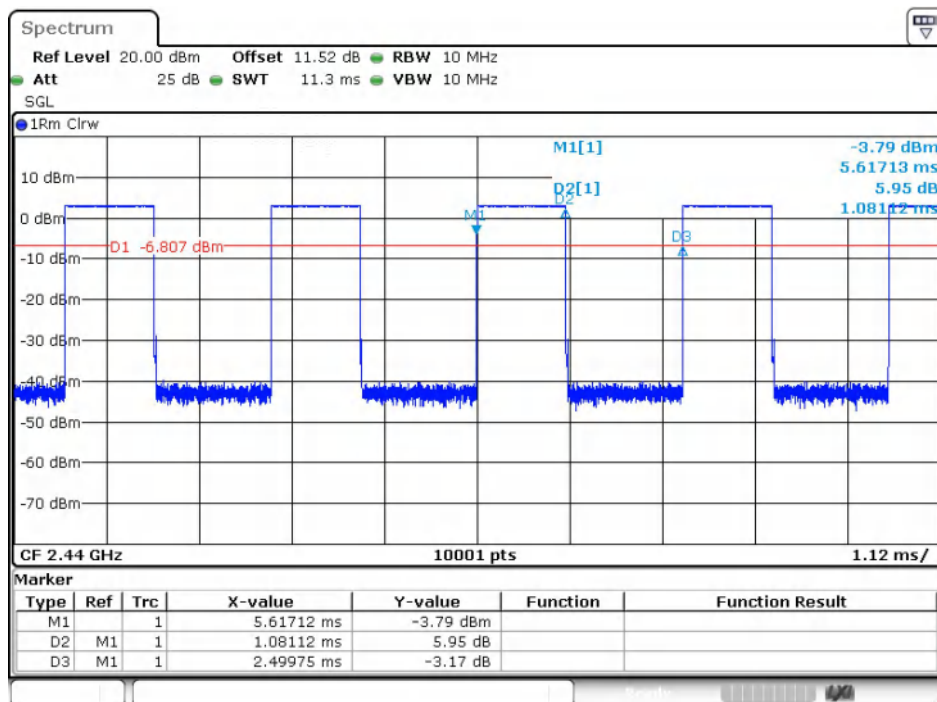
Date: 24.SEP.2024 19:04:49

### BLE 1M\_Channel 39



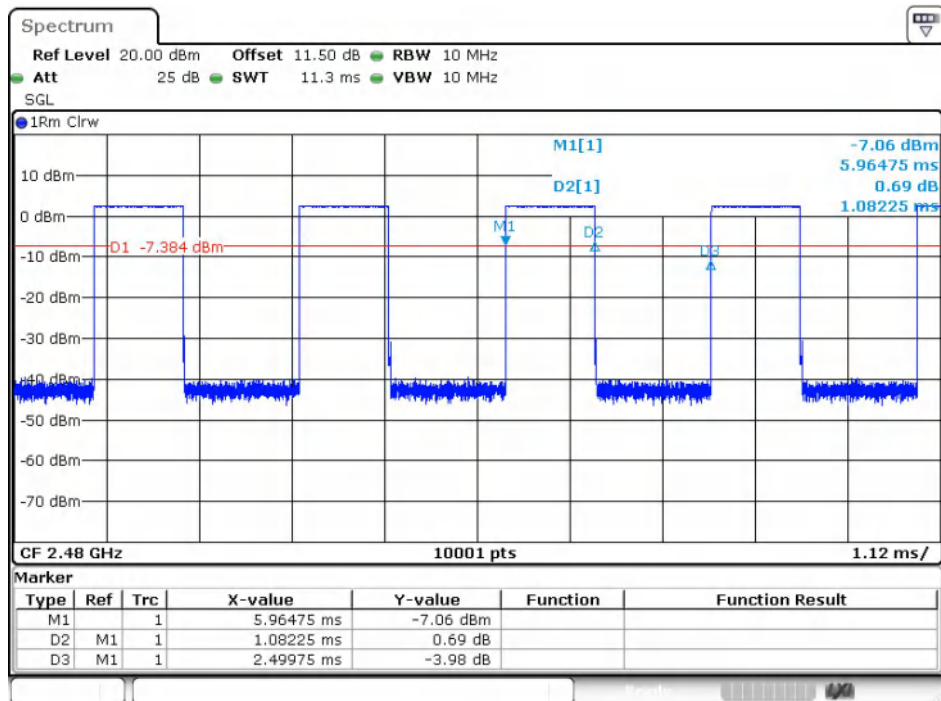
Date: 24.SEP.2024 19:07:47

### BLE 2M\_Channel 0



Date: 24.SEP.2024 19:16:48

### BLE 2M\_Channel 19



Date: 24.SEP.2024 19:19:40

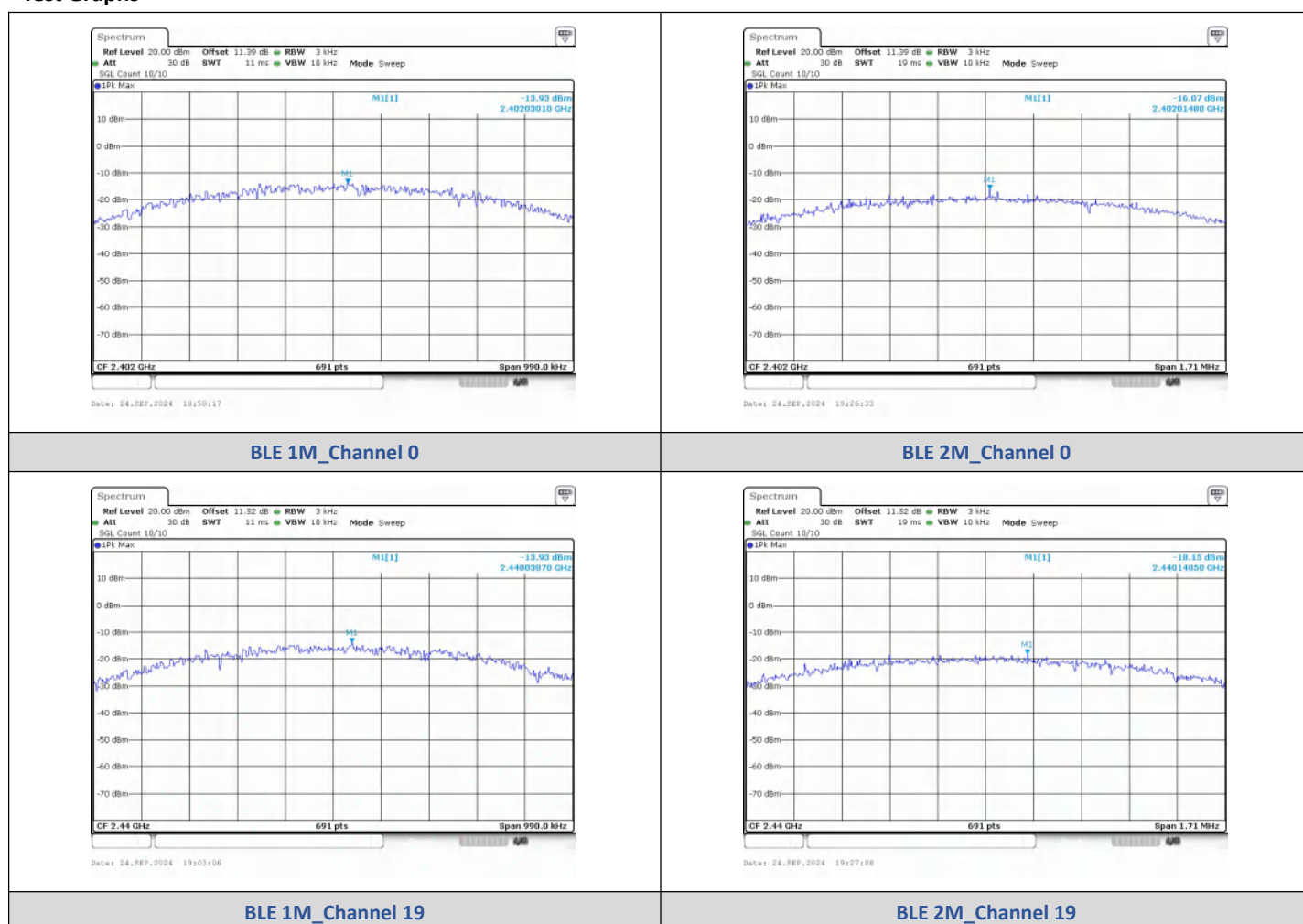
BLE 2M\_Channel 39

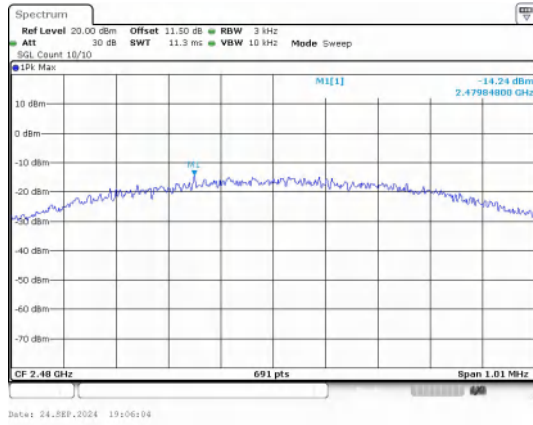
## 6) Power Spectral Density

### Test Result

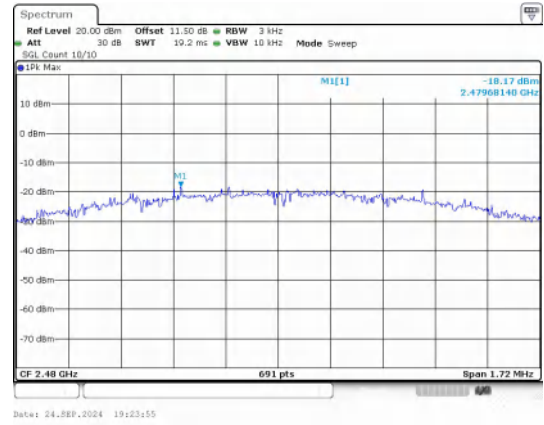
| Mode   | Channel | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|--------|---------|----------------|------------------|--------|
| BLE 1M | 0       | -13.93         | ≤8               | PASS   |
| BLE 1M | 19      | -13.93         | ≤8               | PASS   |
| BLE 1M | 39      | -14.24         | ≤8               | PASS   |
| BLE 2M | 0       | -16.07         | ≤8               | PASS   |
| BLE 2M | 19      | -18.15         | ≤8               | PASS   |
| BLE 2M | 39      | -18.17         | ≤8               | PASS   |

### Test Graphs





BLE 1M\_Channel 39



BLE 2M\_Channel 39