

# Appendix A

|                |                  |
|----------------|------------------|
| Report No.:    | CISRR24040101001 |
| FCC ID:        | 2BFQI-Q5         |
| Product Name:  | mouse            |
| Model No.:     | Q5               |
| Test Engineer: | Lucas Huang      |
| Supervised by: | Rory Huang       |

## Conducted Peak Output Power

### Test Result

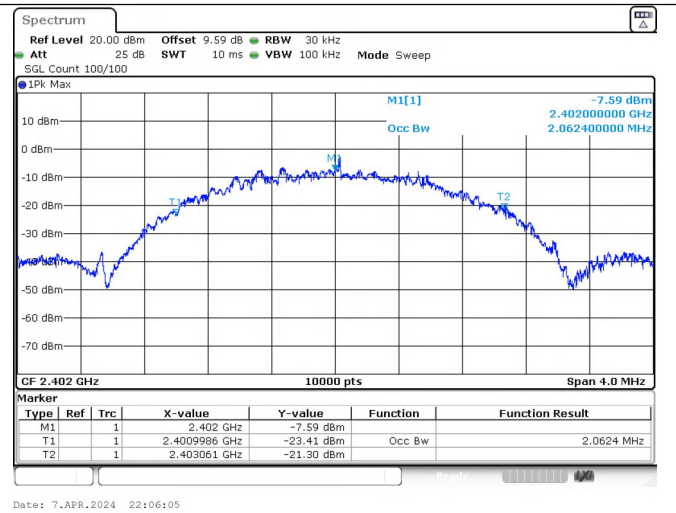
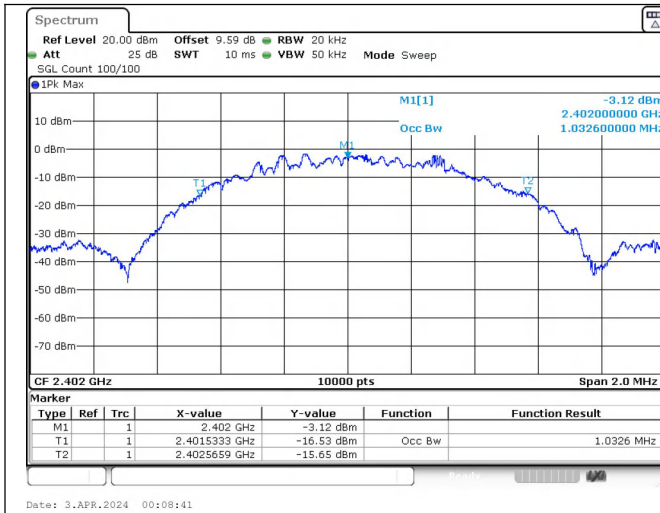
| Mode | Channel | Peak Output Power (dBm) | Peak Output Power (mW) | Limit (dBm) | Result |
|------|---------|-------------------------|------------------------|-------------|--------|
| LE   | 0       | 5.085                   | 3.23                   | 30          | PASS   |
|      | 19      | 5.203                   | 3.31                   | 30          | PASS   |
|      | 39      | 5.252                   | 3.35                   | 30          | PASS   |
| 2LE  | 0       | 1.513                   | 1.42                   | 30          | PASS   |
|      | 19      | 2.126                   | 1.63                   | 30          | PASS   |
|      | 39      | 2.600                   | 1.82                   | 30          | PASS   |

## 99% Bandwidth

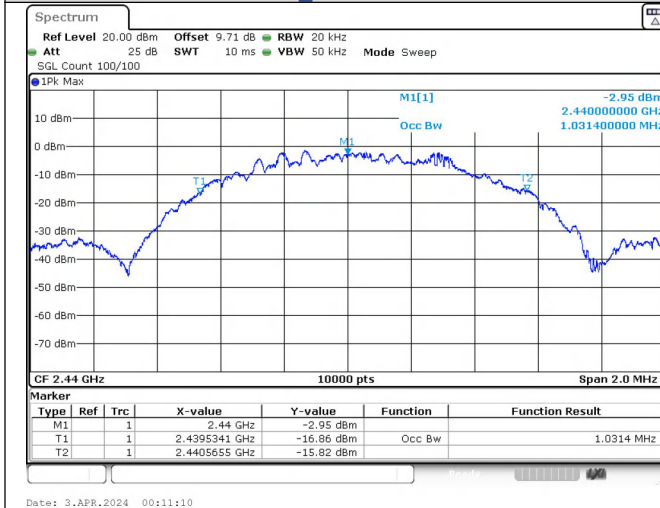
### Test Result

| Mode | Channel | 99% BW (MHz) |
|------|---------|--------------|
| LE   | 0       | 1.0326       |
| LE   | 19      | 1.0314       |
| LE   | 39      | 1.0328       |
| 2LE  | 0       | 2.0624       |
| 2LE  | 19      | 2.0496       |
| 2LE  | 39      | 2.0532       |

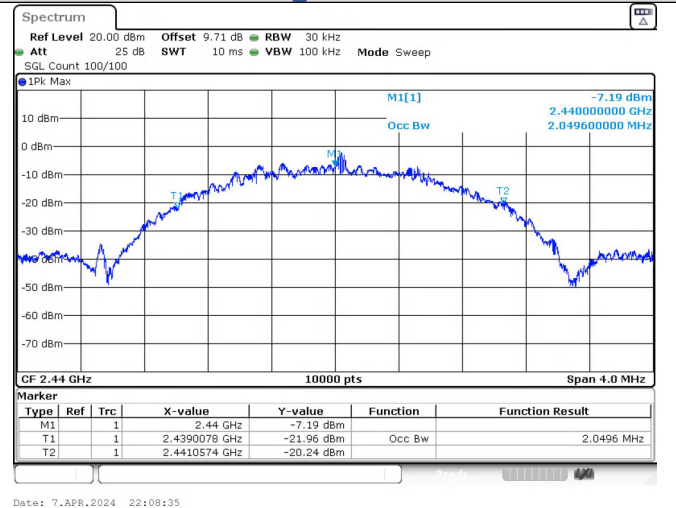
### Test Graphs



#### LE\_Channel 0

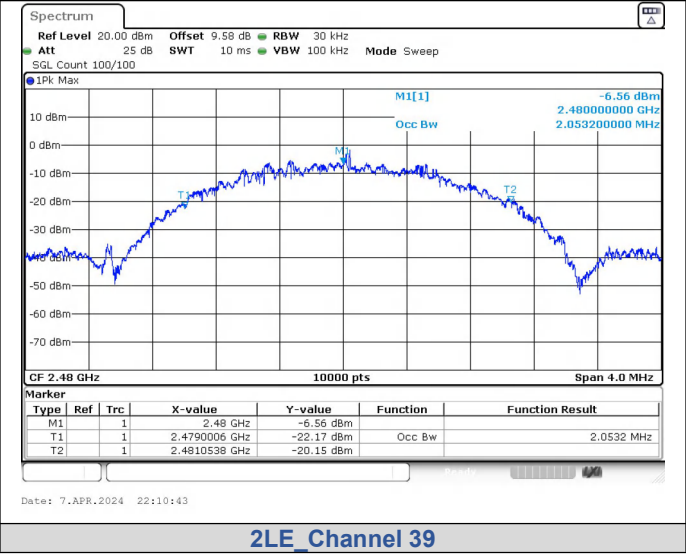
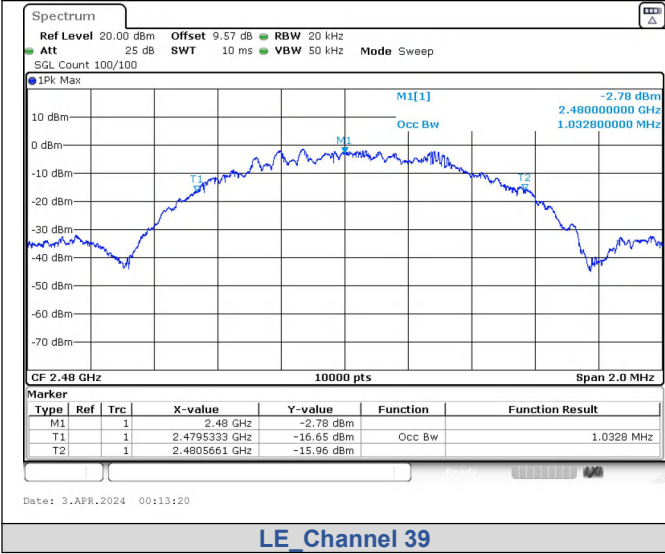


#### 2LE\_Channel 0



#### LE\_Channel 19

#### 2LE\_Channel 19

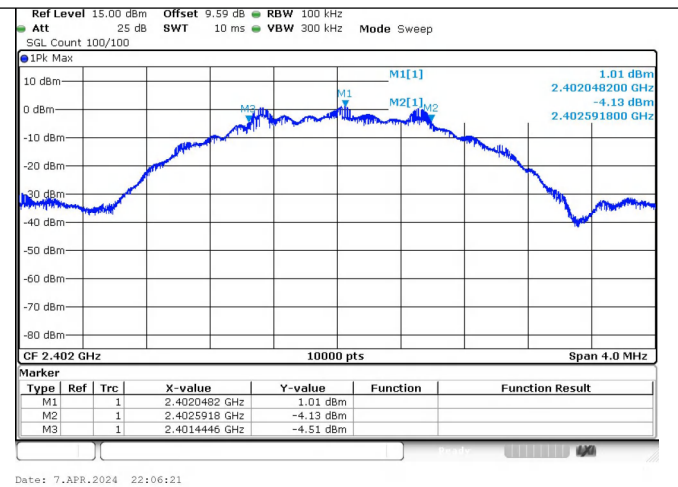
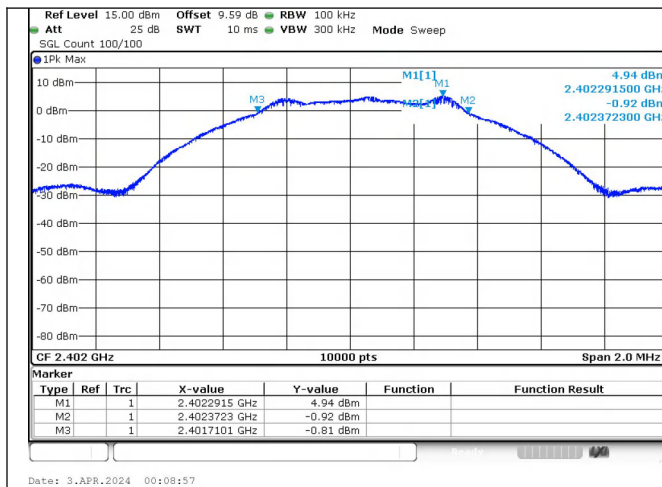


## 6dB Bandwidth

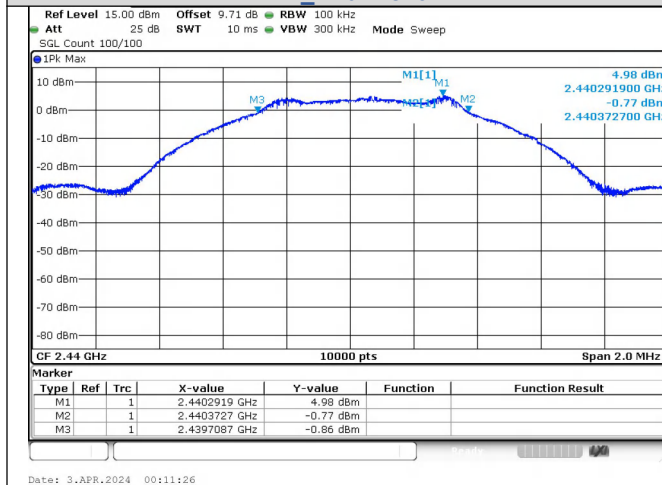
### Test Result

| 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   |
| 2LE  | 0       | 2402                   | 1.150                |             | PASS   |
|      | 19      | 2440                   | 1.150                |             | PASS   |
|      | 39      | 2480                   | 1.150                |             | PASS   |

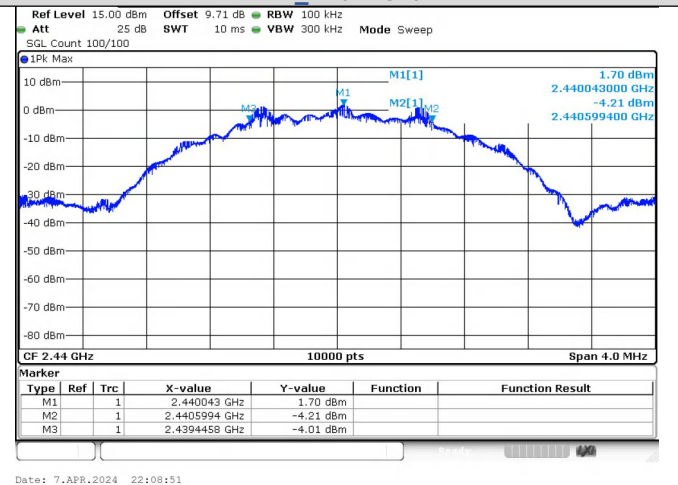
### Test Graphs



#### LE\_Channel 0

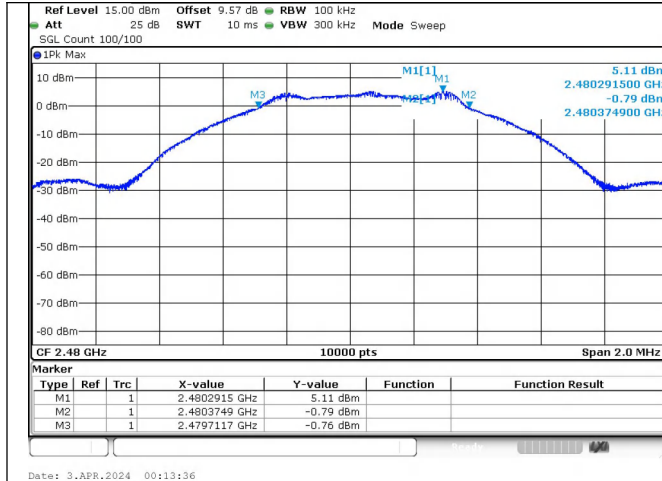


#### 2LE\_Channel 0

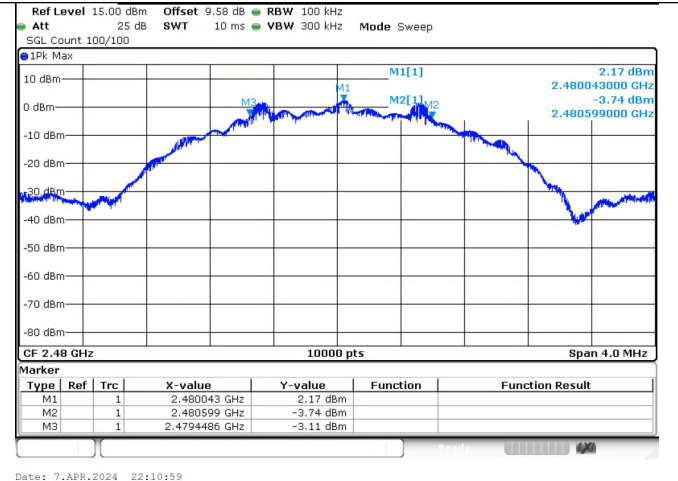


#### LE\_Channel 19

#### 2LE\_Channel 19



LE\_Channel 39



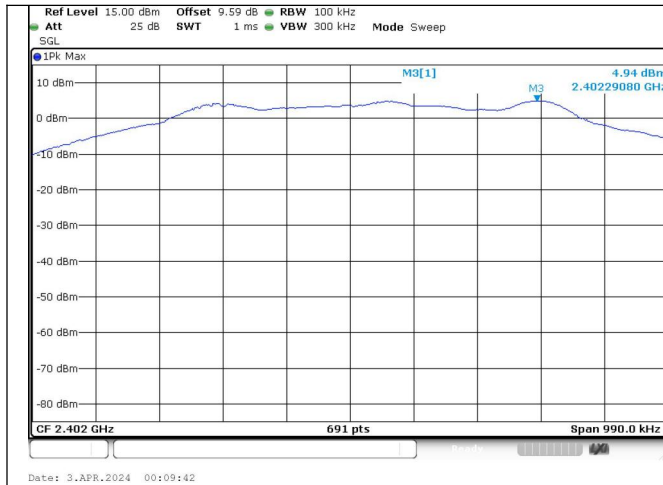
2LE\_Channel 39

## Conducted Out Of Band Emission

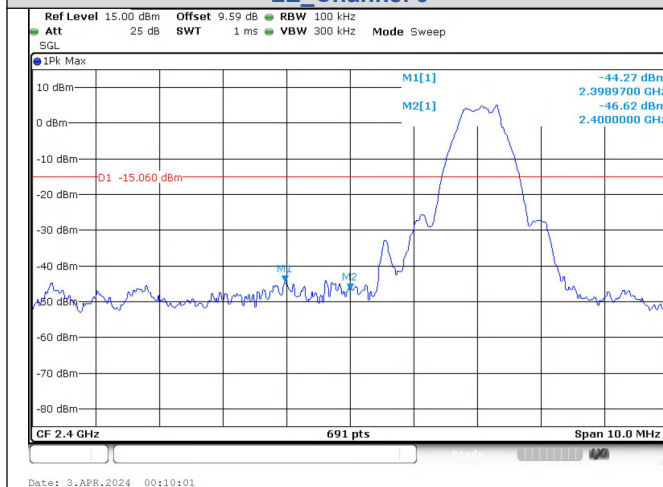
### Test Result

| Mode | Channel | OOB Emission Frequency (MHz) | OOB Emission Level (dBm) | Limit (dBm) | Over Limit (dB) | Result |
|------|---------|------------------------------|--------------------------|-------------|-----------------|--------|
| LE   | 0       | 2400.00                      | -46.616                  | -15.06      | -31.556         | PASS   |
|      |         | 2398.97                      | -44.273                  | -15.06      | -29.213         | PASS   |
|      |         | 9602.20                      | -41.649                  | -15.06      | -26.589         | PASS   |
|      | 19      | 9754.57                      | -37.804                  | -15.02      | -22.784         | PASS   |
|      |         | 2483.50                      | -48.732                  | -14.92      | -33.812         | PASS   |
|      |         | 9914.37                      | -39.203                  | -14.92      | -24.283         | PASS   |
| 2LE  | 0       | 2400.00                      | -33.796                  | -18.91      | -14.886         | PASS   |
|      |         | 7207.63                      | -34.852                  | -18.91      | -15.942         | PASS   |
|      | 19      | 7319.99                      | -32.031                  | -18.29      | -13.741         | PASS   |
|      |         | 2483.50                      | -47.263                  | -17.81      | -29.453         | PASS   |
|      | 39      | 7441.51                      | -34.917                  | -17.81      | -17.107         | PASS   |
|      |         |                              |                          |             |                 | PASS   |

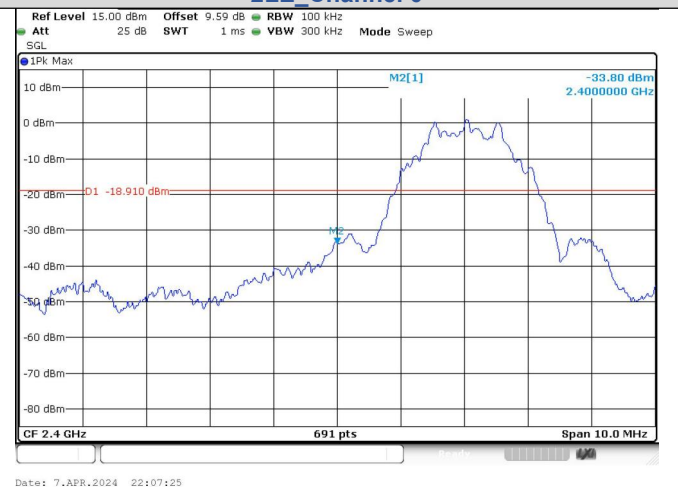
### Test Graphs



#### In-Band Reference Level LE\_Channel 0

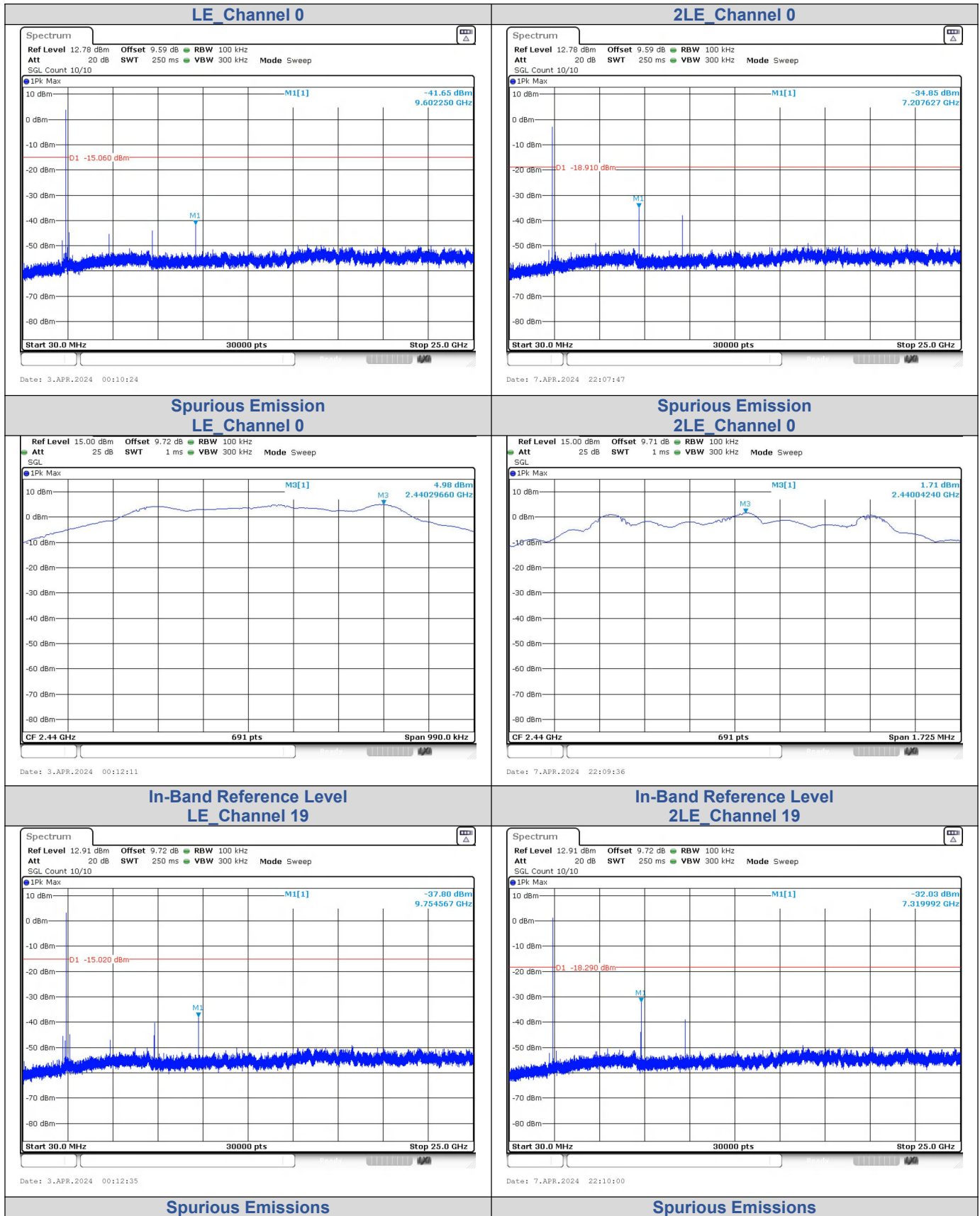


#### In-Band Reference Level 2LE\_Channel 0

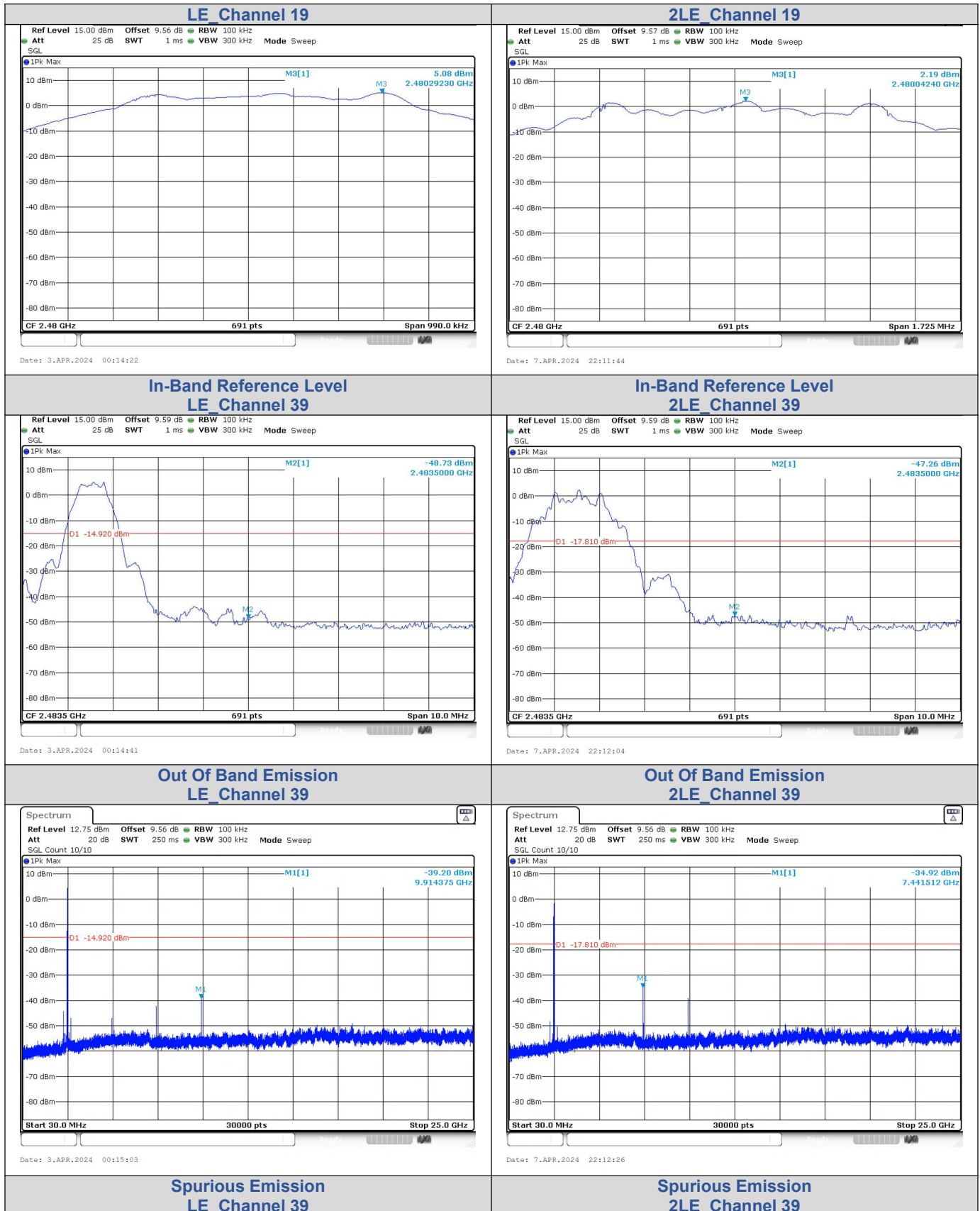


#### Out Of Band Emission

#### Out Of Band Emission





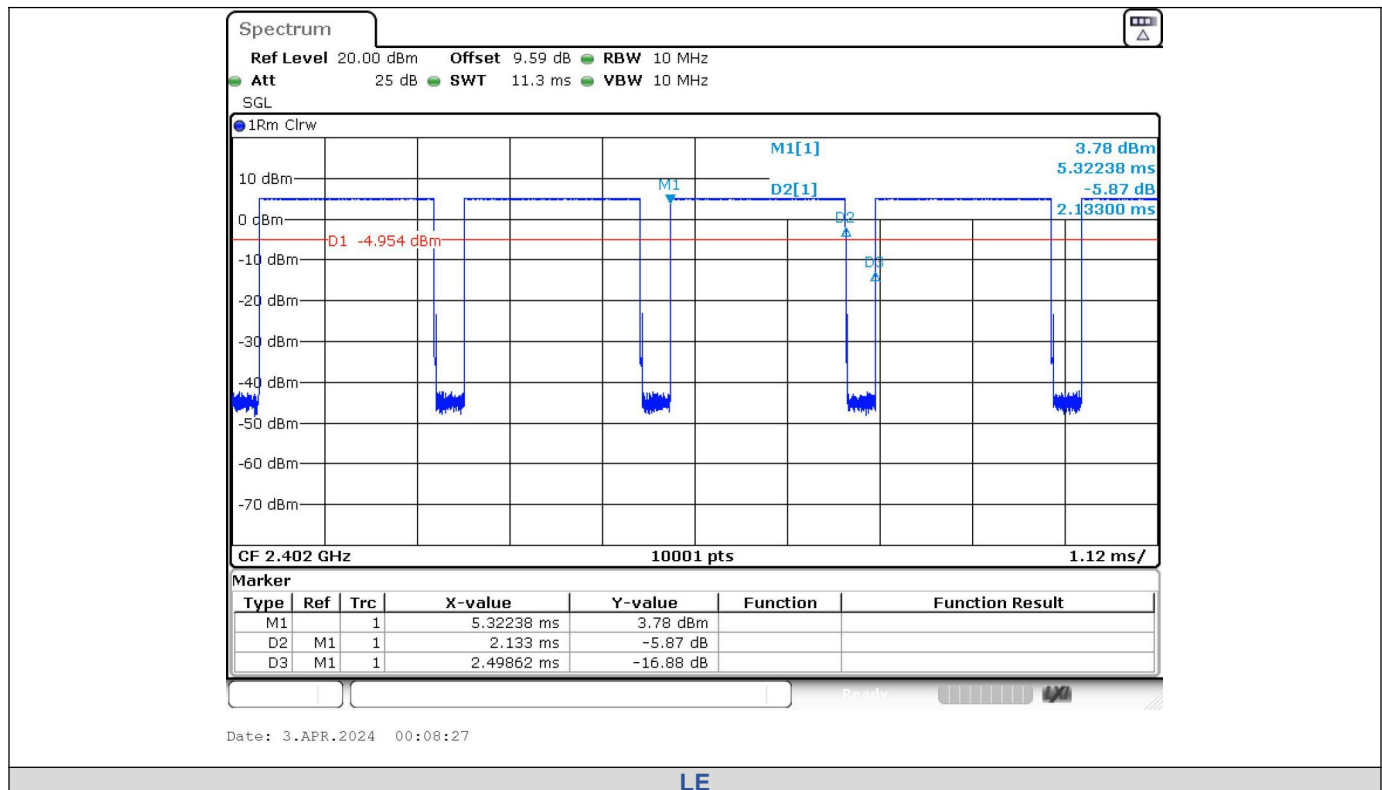


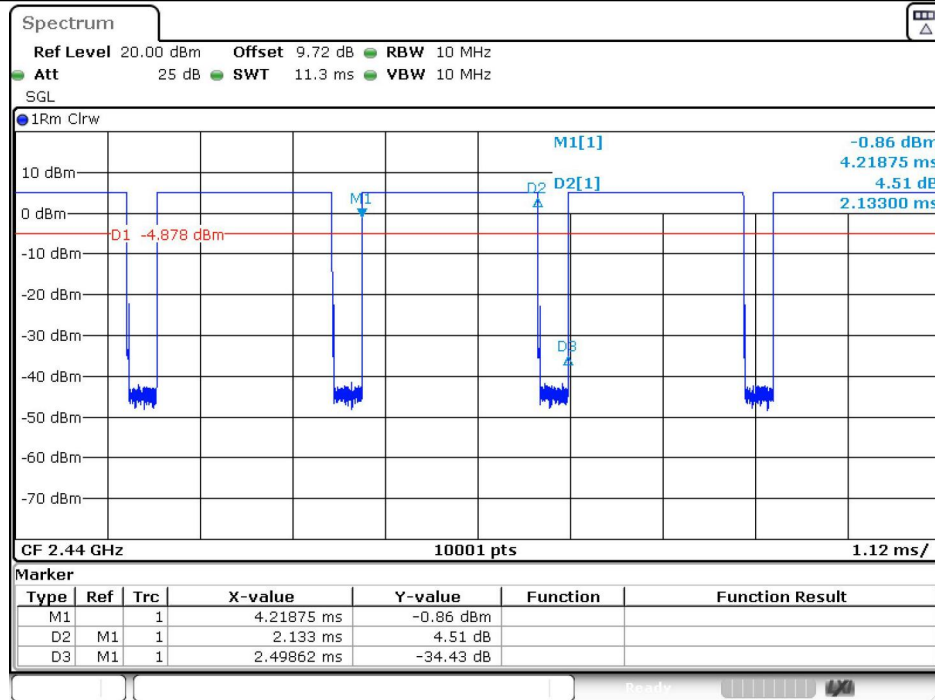
## Duty Cycle

### 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 |
| 2LE  | 0       | 1.082        | 2.500       | 43.29          | 0.4329              | 3.6361                 | 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 |

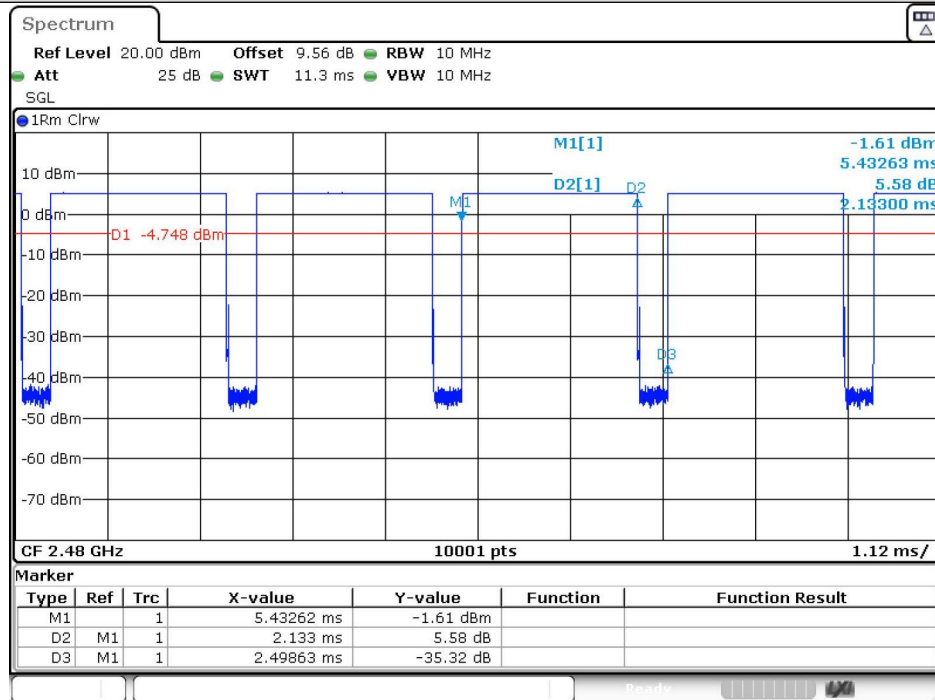
### Test Graphs





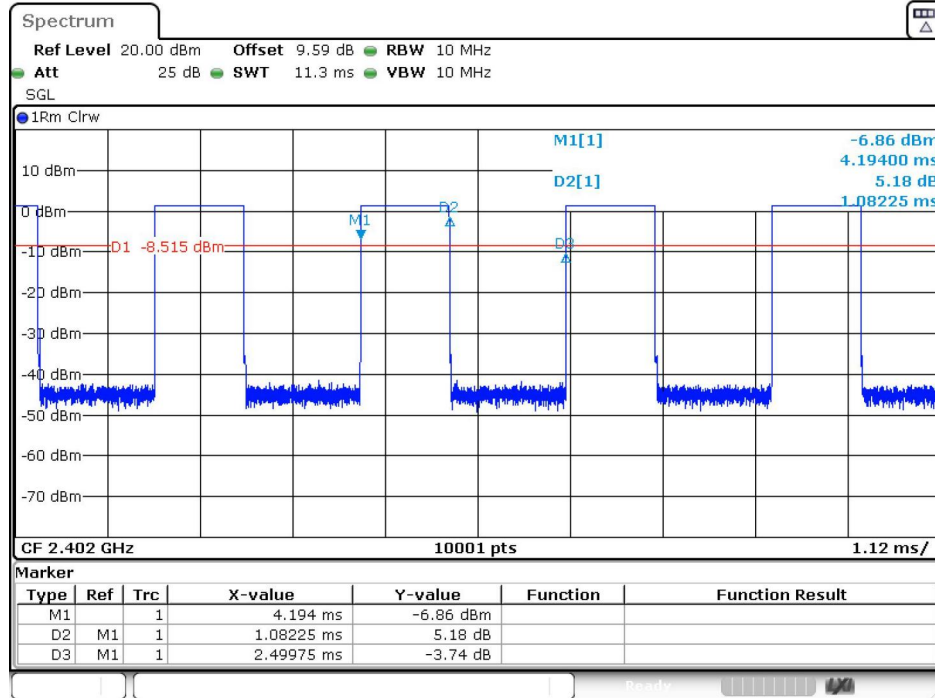
Date: 3.APR.2024 00:10:55

LE



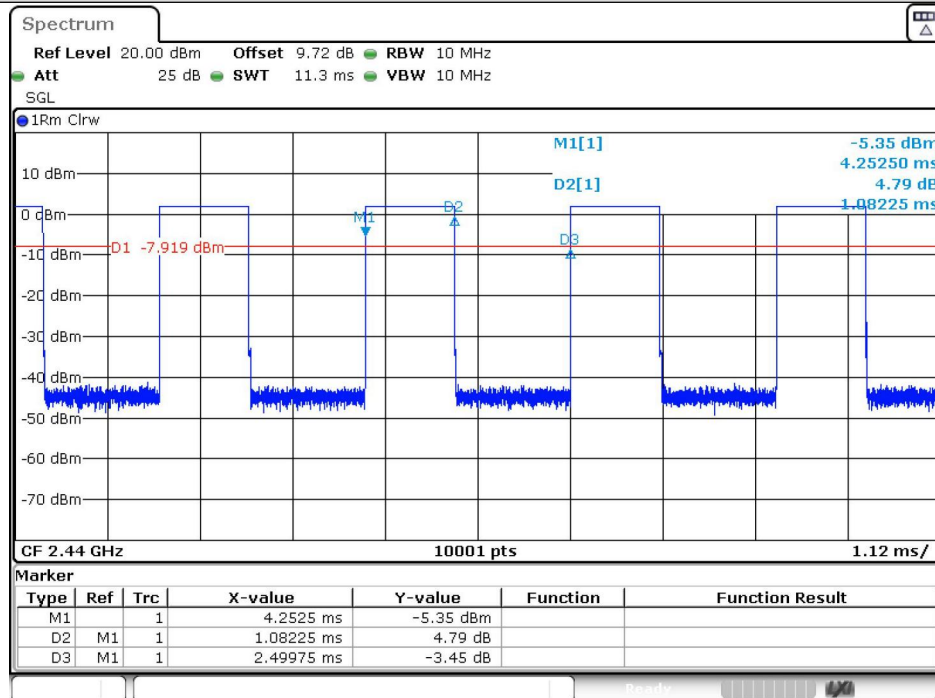
Date: 3.APR.2024 00:13:06

LE



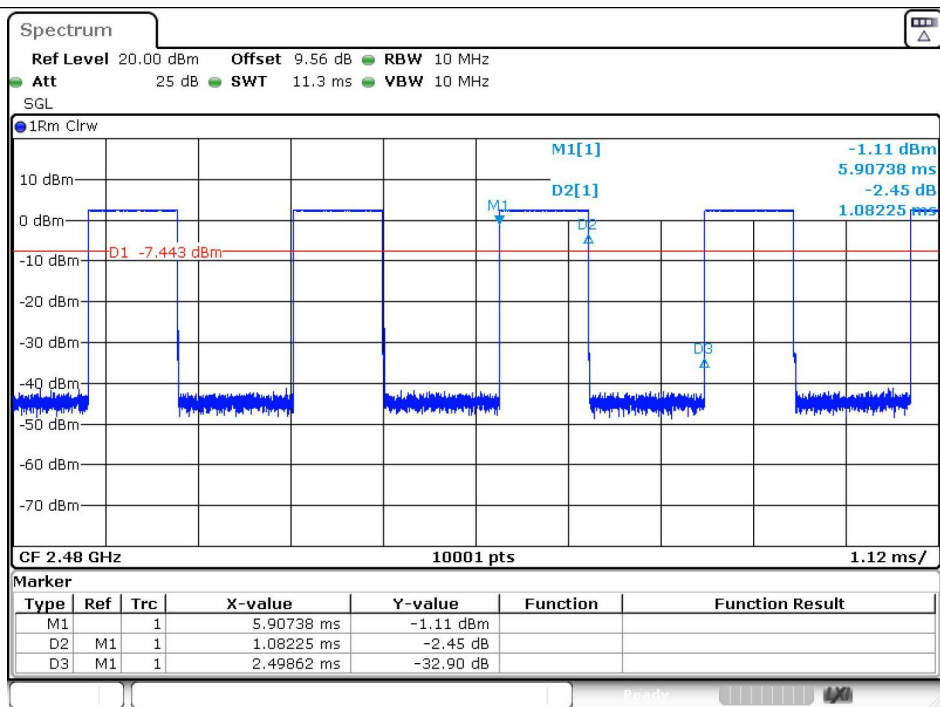
Date: 7.APR.2024 22:05:50

## 2LE



Date: 7.APR.2024 22:08:21

## 2LE



Date: 7.APR.2024 22:10:29

2LE

## Power Spectral Density

### Test Result

| Mode | Channel | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|------|---------|----------------|------------------|--------|
| LE   | 0       | -11.273        | 8                | PASS   |
| LE   | 19      | -11.199        | 8                | PASS   |
| LE   | 39      | -11.279        | 8                | PASS   |
| 2LE  | 0       | -16.735        | 8                | PASS   |
| 2LE  | 19      | -16.201        | 8                | PASS   |
| 2LE  | 39      | -15.830        | 8                | PASS   |

### Test Graphs

