

# Appendix A

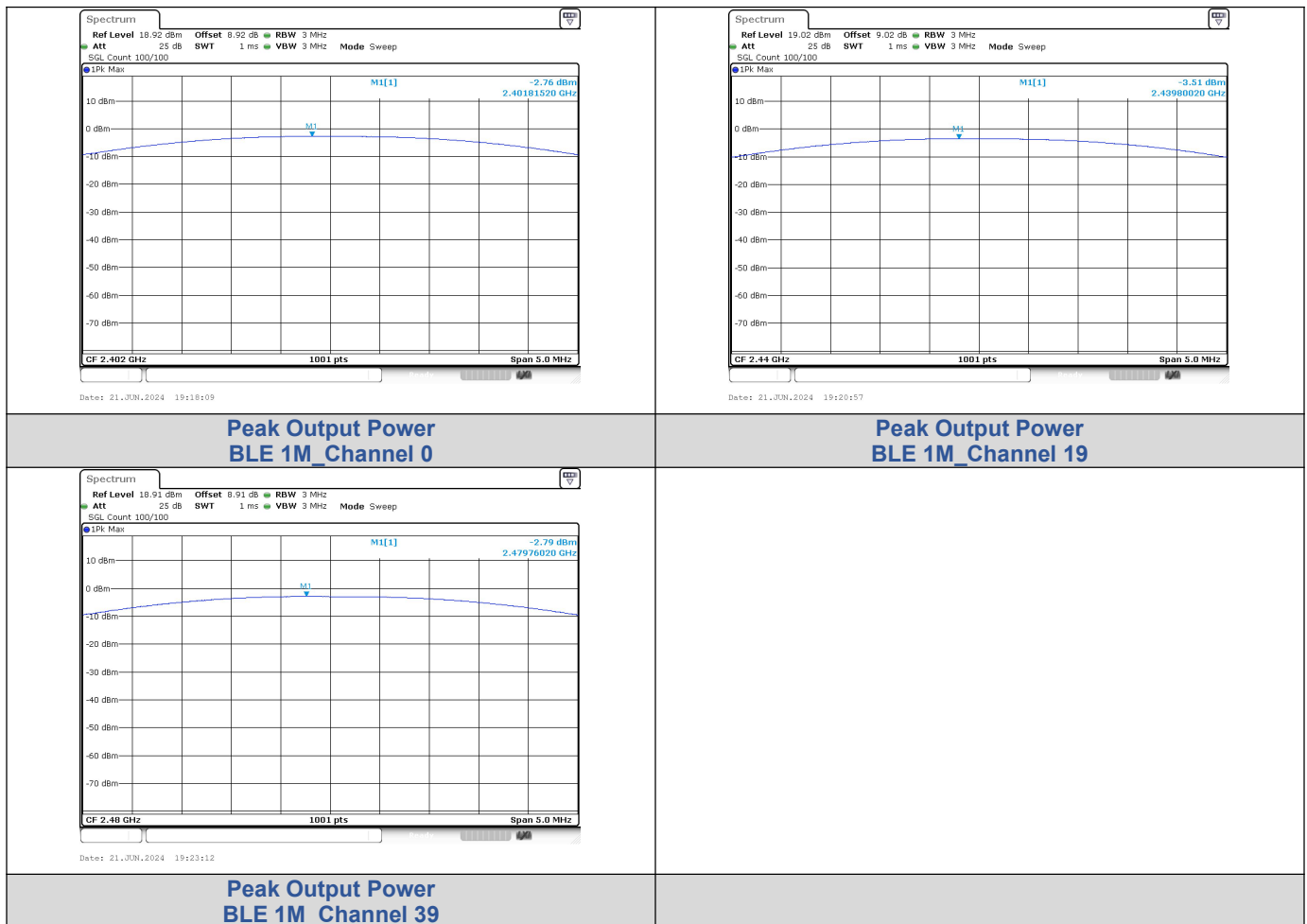
|                |                  |
|----------------|------------------|
| Report No.:    | CISRR24051302101 |
| FCC ID:        | 2BFQI-V3-PRO     |
| Product Name:  | keyboard         |
| Model No.:     | V3Pro            |
| Test Engineer: | Lucas Huang      |
| Supervised by: | Rory Huang       |

# Conducted Peak Output Power

## Test Result

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

## Test Graphs

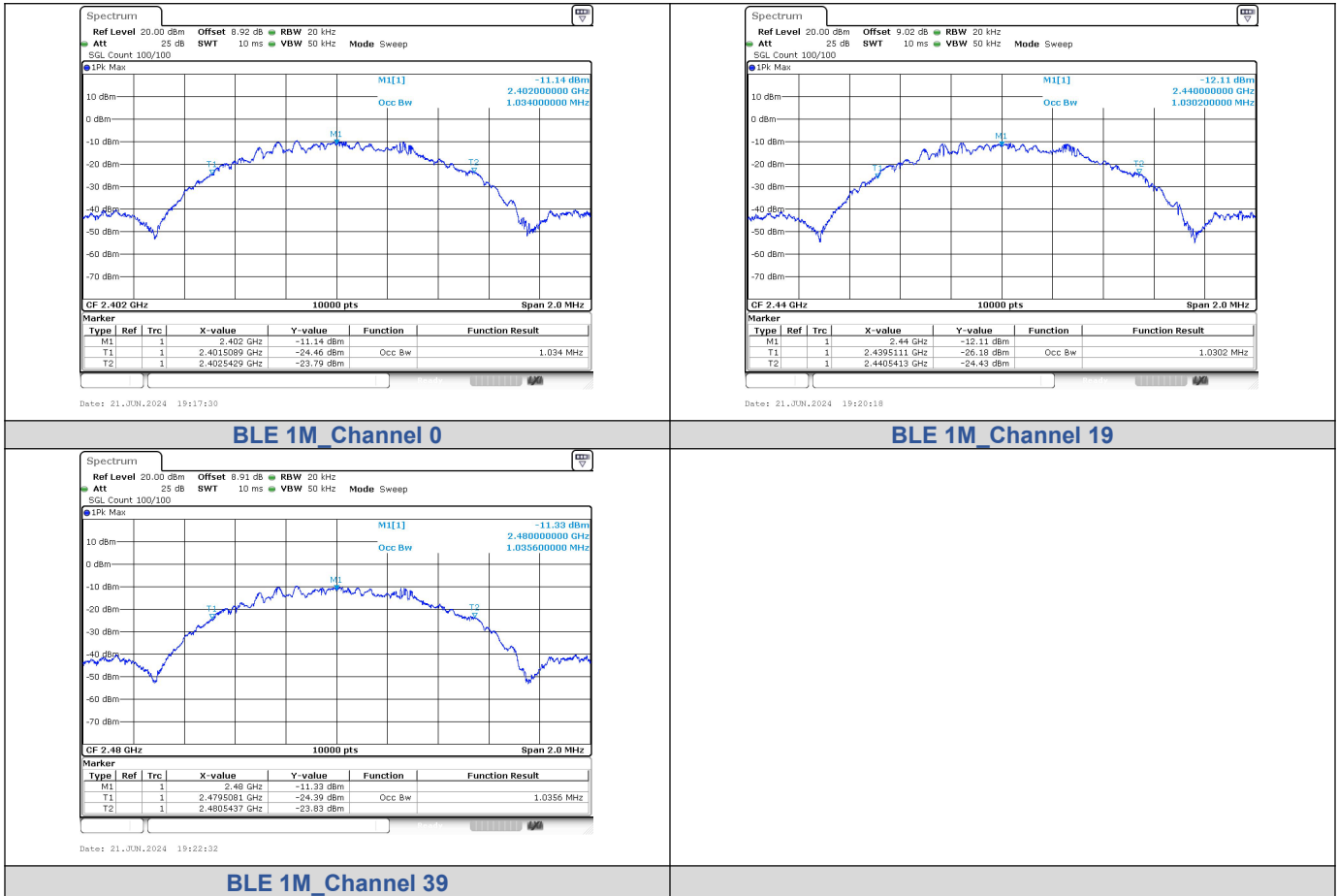


## 99% Bandwidth

### 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

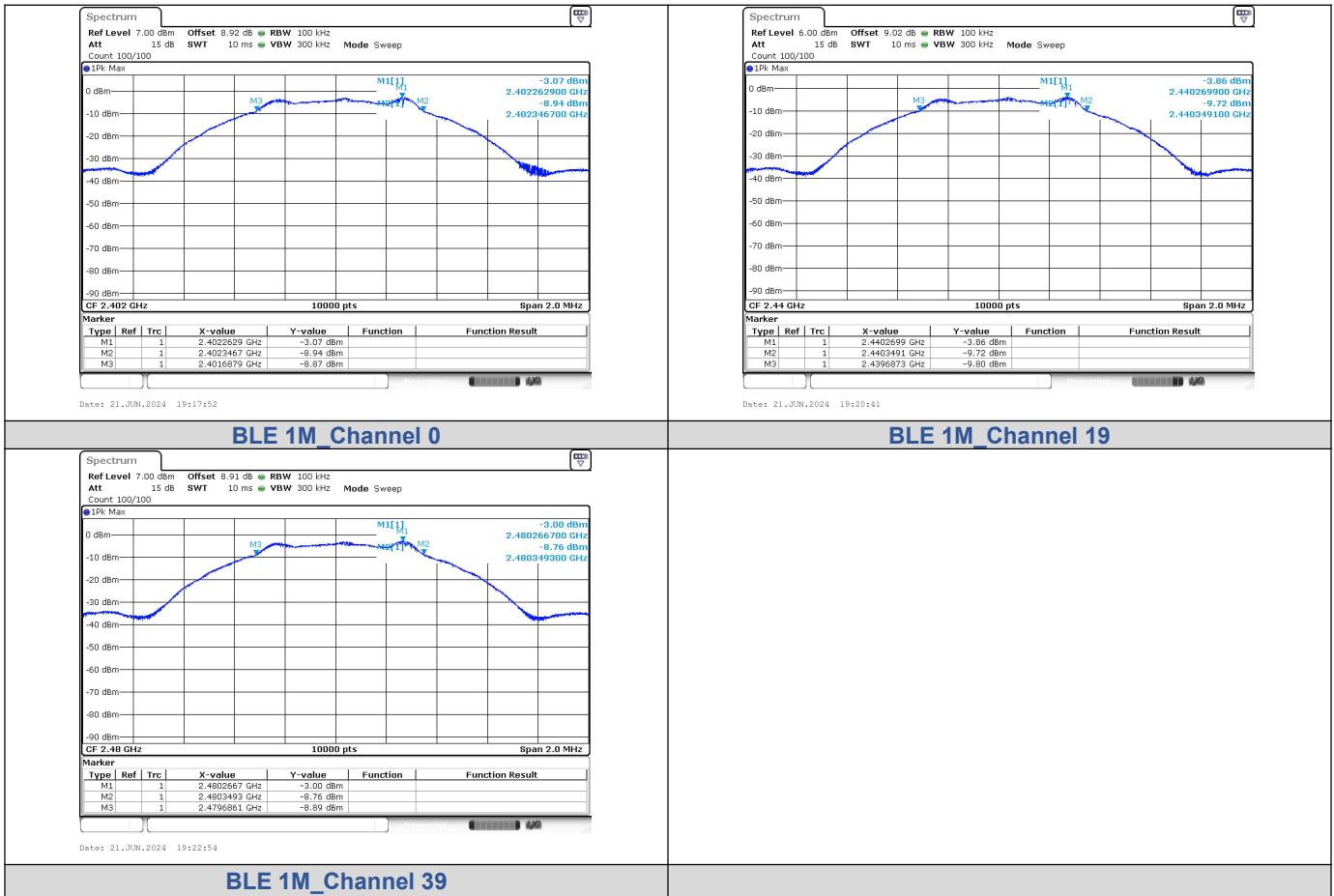


## 6dB Bandwidth

### 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

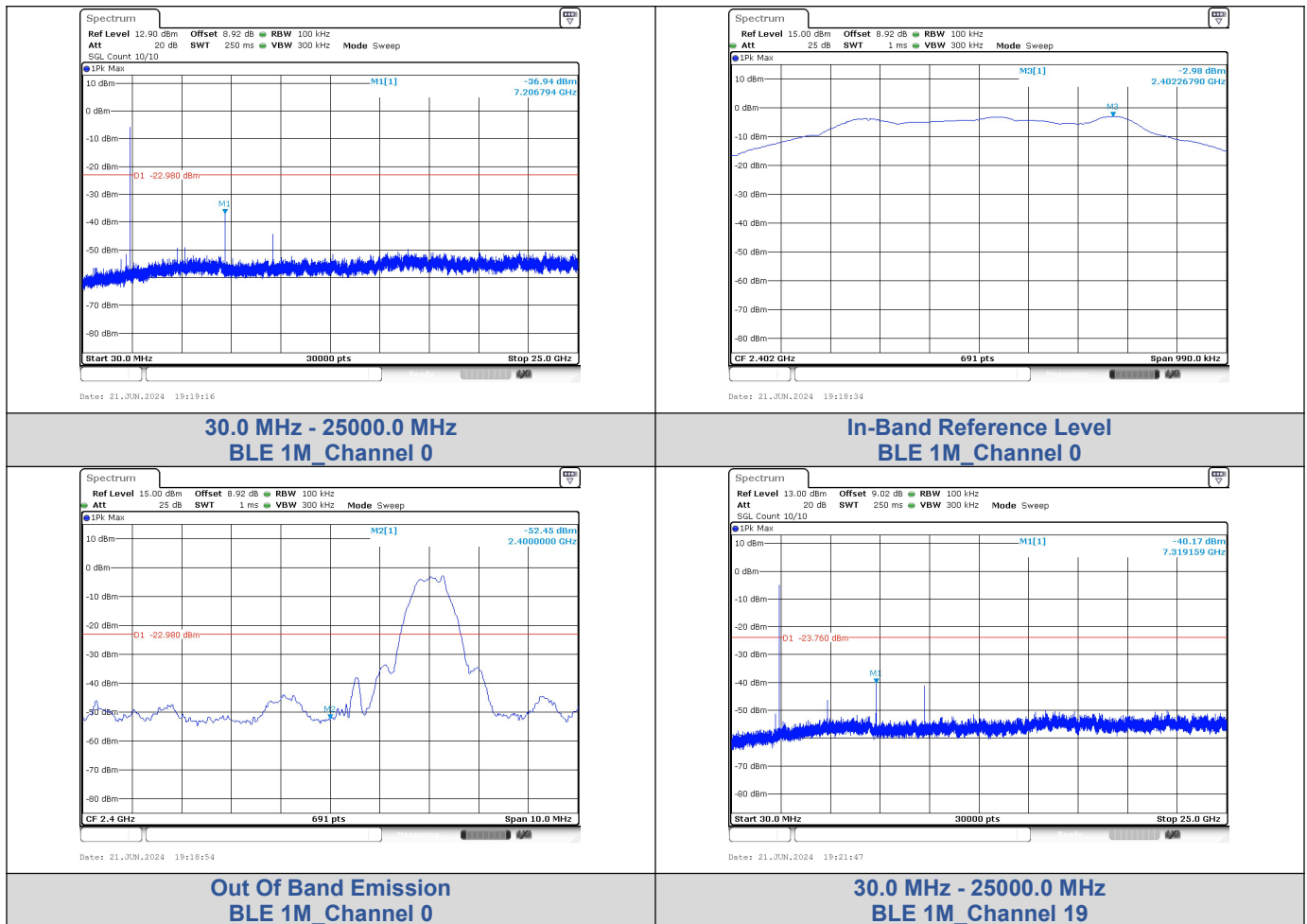


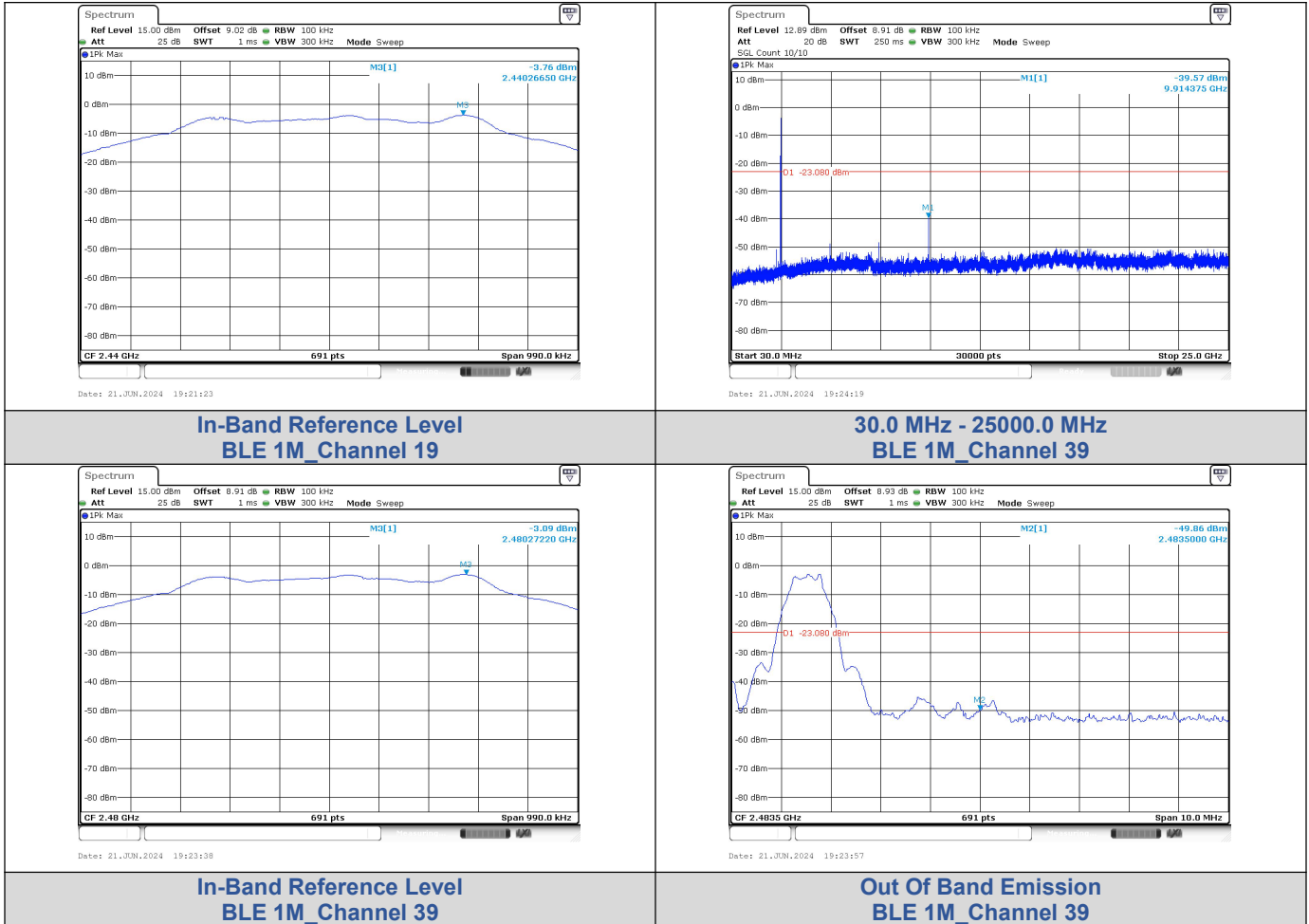
## Conducted Out Of Band Emission

### 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



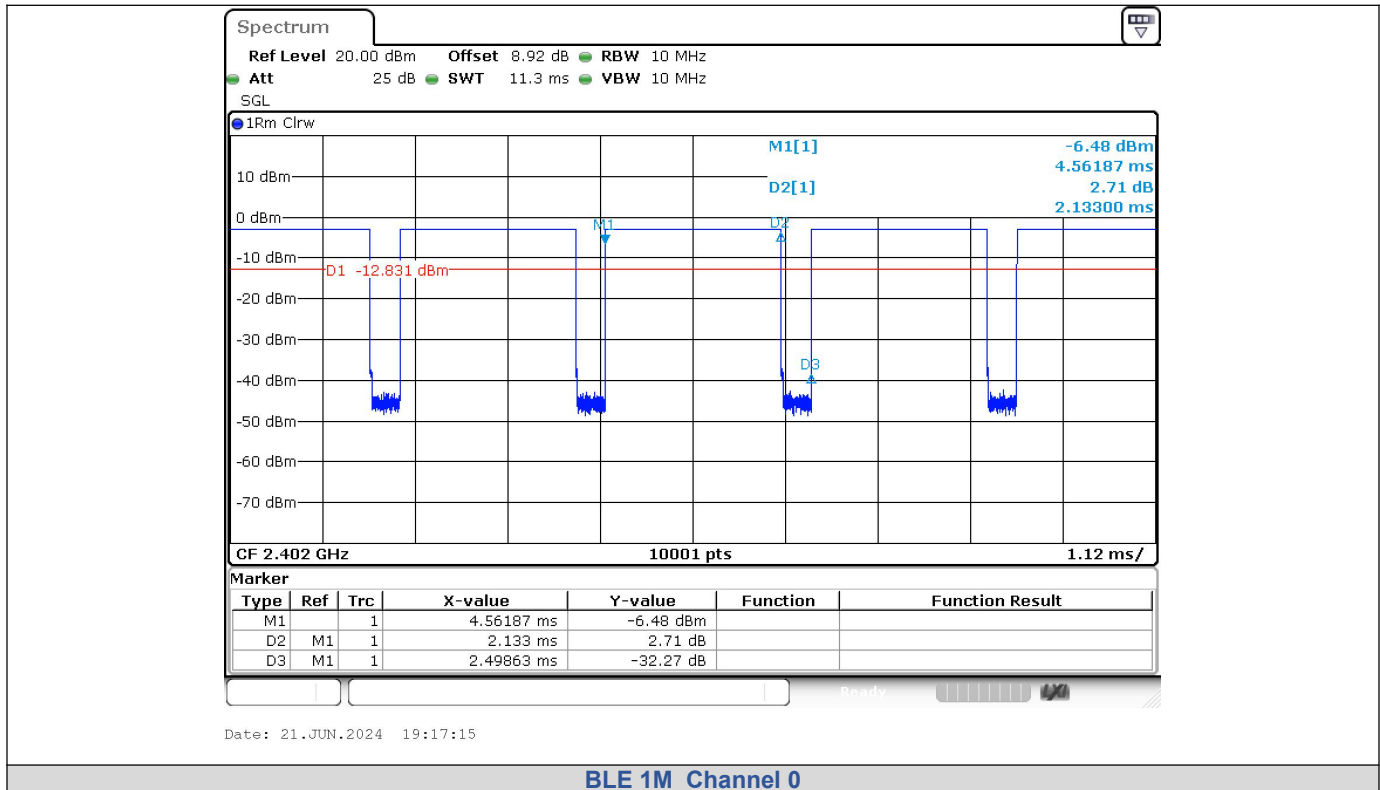


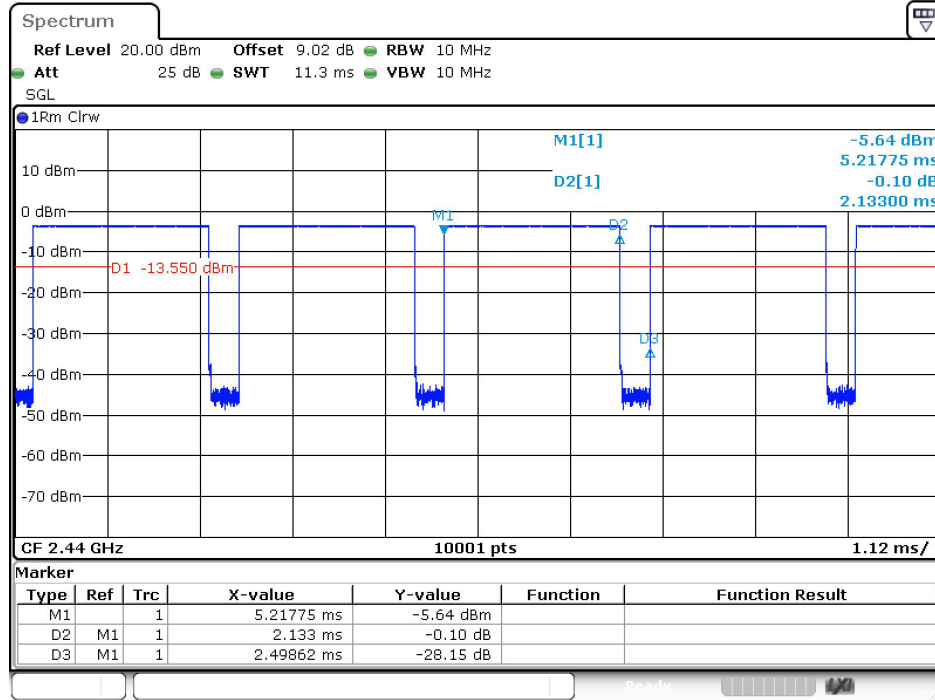
## Duty Cycle

### 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 |

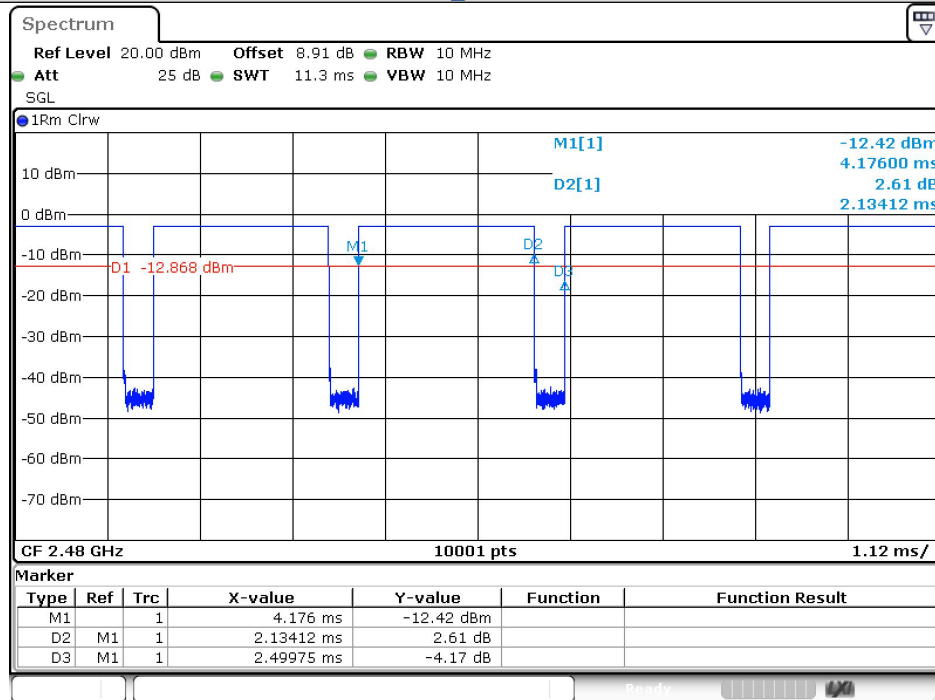
### Test Graphs





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

