

## Appendix A

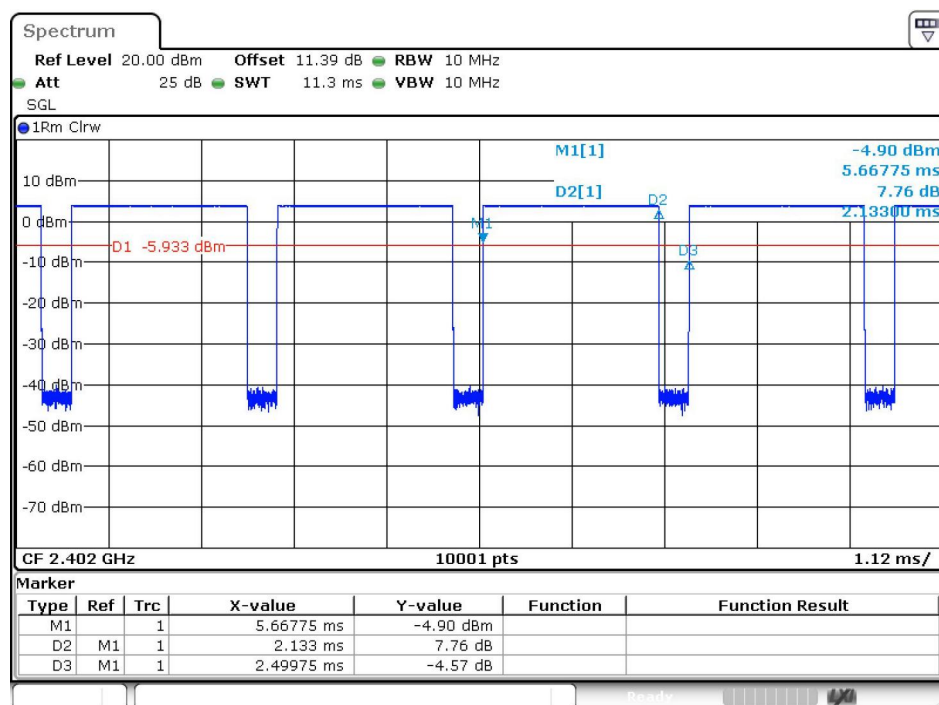
|                |                          |
|----------------|--------------------------|
| Report No.:    | CISRR240910075           |
| FCC ID:        | 2BK8R-DV-HDE-IR02        |
| Product Name:  | Photography wireless kit |
| Model No.:     | DV-HDE-IR02              |
| Test Engineer: | Jimmy Huang              |
| Supervised by: | Rory Huang               |

## 1) Duty Cycle

### Test Result

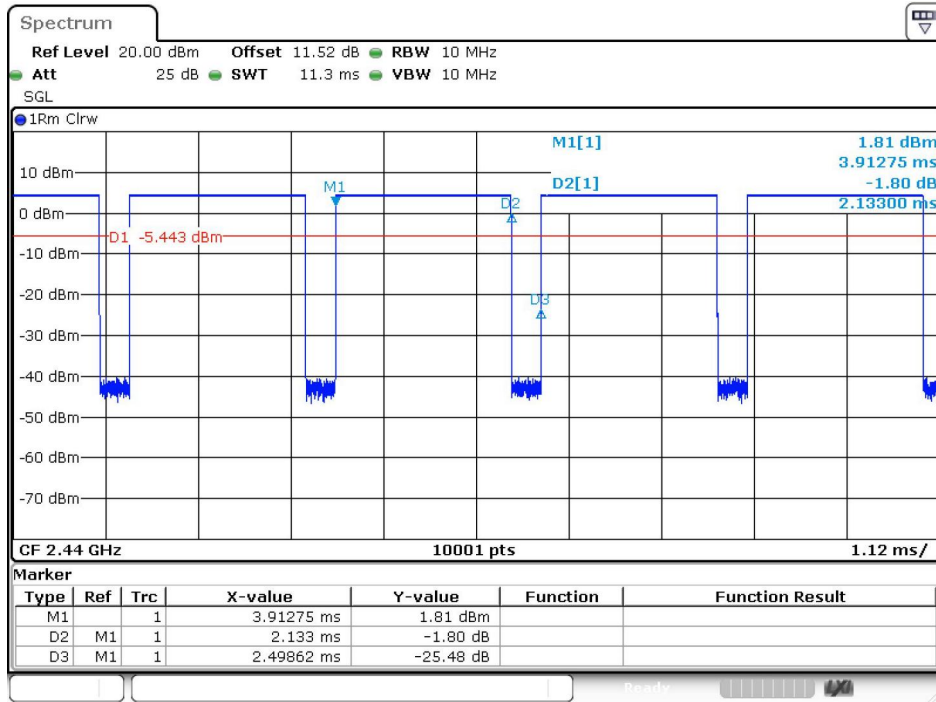
| Mode   | Channel | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T  |
|--------|---------|--------------|-------------|----------------|---------------------|------------------------|------|
| BLE 1M | 0       | 2.133        | 2.500       | 85.33          | 0.8533              | 0.689                  | 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 |

### Test Graphs



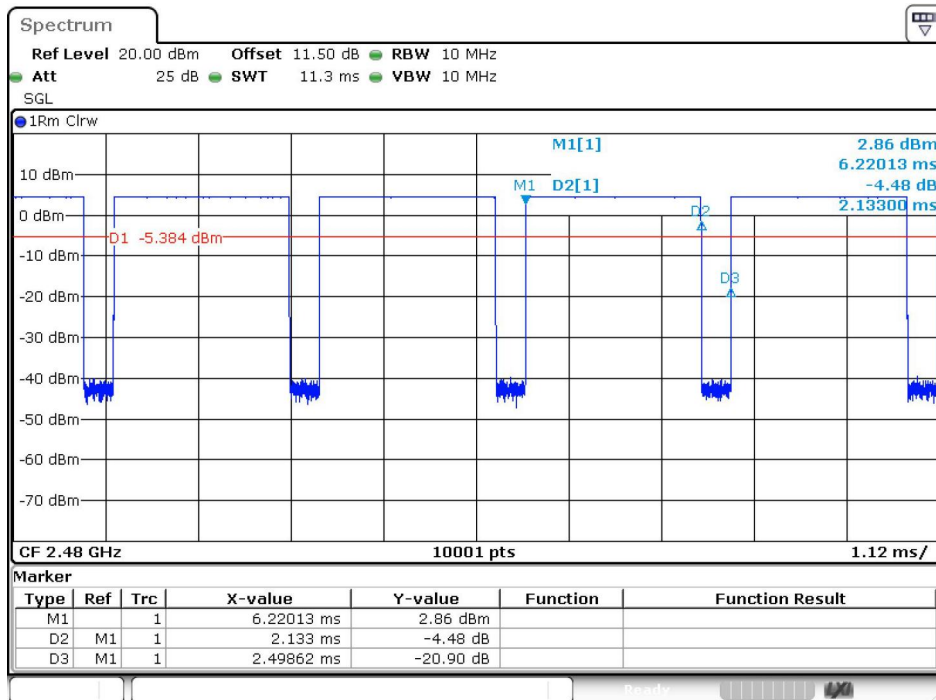
Date: 11.SEP.2024 11:10:04

BLE 1M\_Channel 0



Date: 11.SEP.2024 11:12:58

#### BLE 1M\_Channel 19



Date: 11.SEP.2024 11:15:41

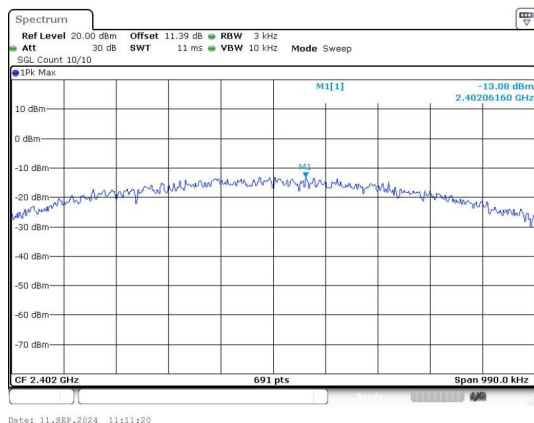
#### BLE 1M\_Channel 39

## 2) Power Spectral Density

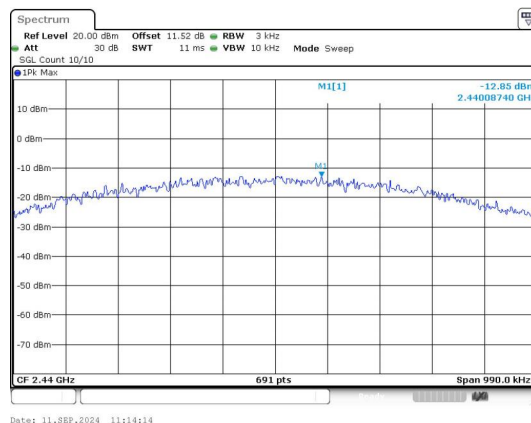
### Test Result

| Mode   | Channel | PSD (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|--------|---------|----------------|------------------|--------|
| BLE 1M | 0       | -13.081        | ≤8               | PASS   |
| BLE 1M | 19      | -12.850        | ≤8               | PASS   |
| BLE 1M | 39      | -12.331        | ≤8               | PASS   |

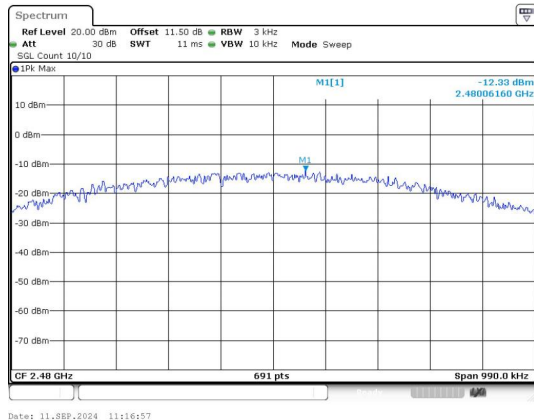
### Test Graphs



BLE 1M\_Channel 0



BLE 1M\_Channel 19



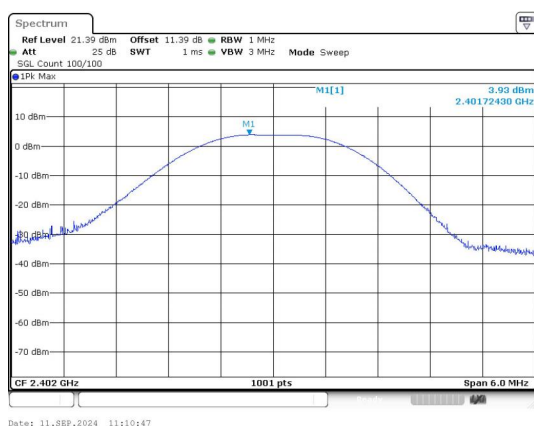
BLE 1M\_Channel 39

### 3) Conducted Peak Output Power

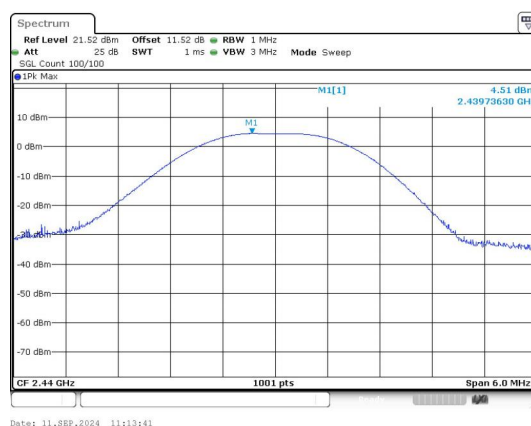
#### Test Result

| Mode   | Channel | Peak Output Power (dBm) | Peak Output Power (mW) | Limit (dBm) | Result |
|--------|---------|-------------------------|------------------------|-------------|--------|
| BLE 1M | 0       | 3.93                    | 2.47                   | ≤30         | PASS   |
|        | 19      | 4.51                    | 2.82                   | ≤30         | PASS   |
|        | 39      | 4.62                    | 2.9                    | ≤30         | PASS   |

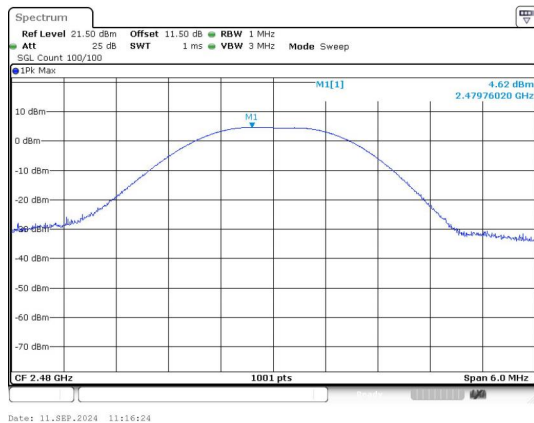
#### Test Graphs



Peak Output Power  
BLE 1M\_Channel 0



Peak Output Power  
BLE 1M\_Channel 19



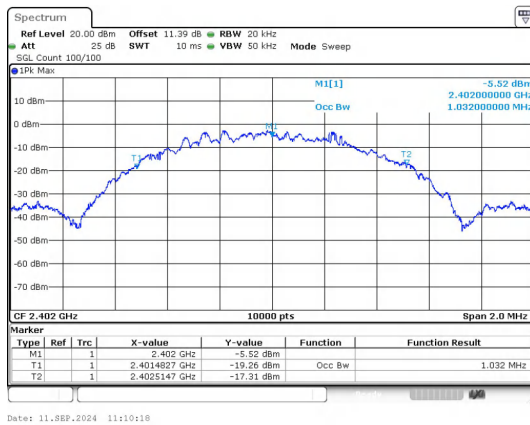
Peak Output Power  
BLE 1M\_Channel 39

## 4) 99% Bandwidth

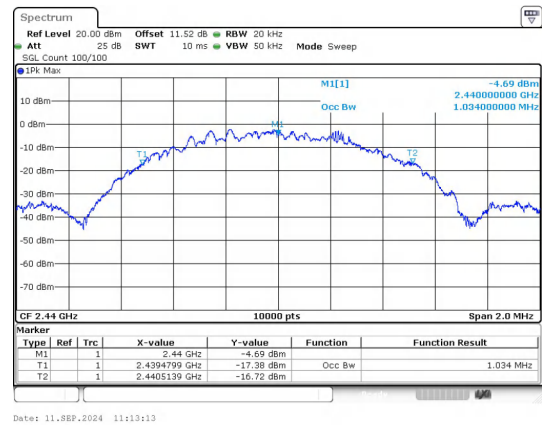
### Test Result

| Mode   | Channel | Center Frequency (MHz) | 99% BW (MHz) |
|--------|---------|------------------------|--------------|
| BLE 1M | 0       | 2402                   | 1.0320       |
| BLE 1M | 19      | 2440                   | 1.0340       |
| BLE 1M | 39      | 2480                   | 1.0296       |

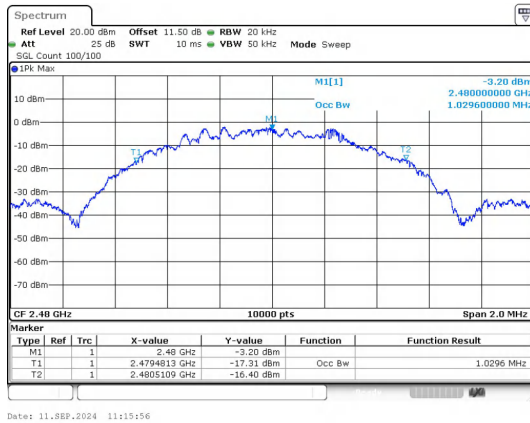
### Test Graphs



BLE 1M\_Channel 0



BLE 1M\_Channel 19



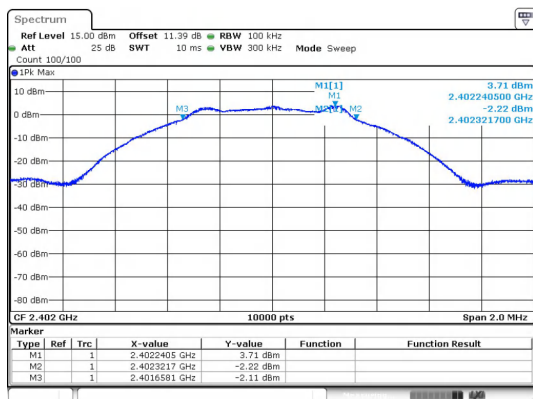
BLE 1M\_Channel 39

## 5) 6dB Bandwidth

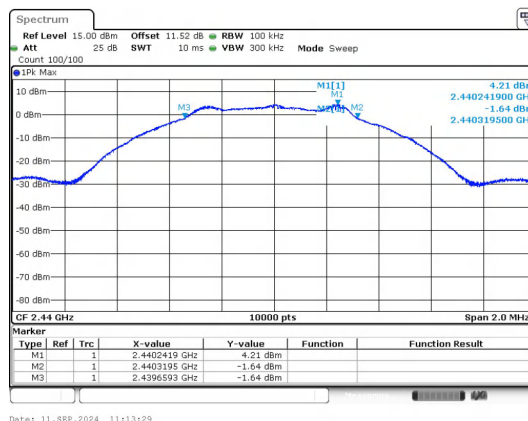
### Test Result

| 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   |

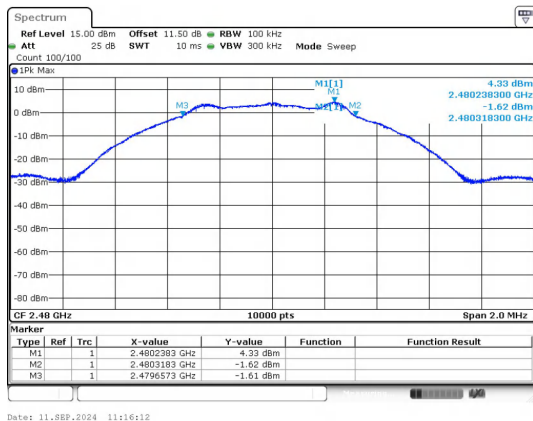
### Test Graphs



BLE 1M\_Channel 0



BLE 1M\_Channel 19



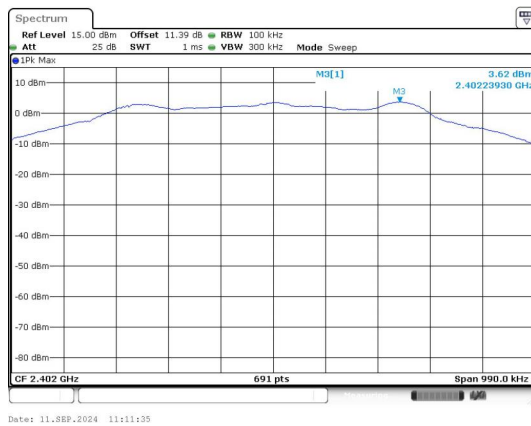
BLE 1M\_Channel 39

## 6) Conducted Out Of Band Emission

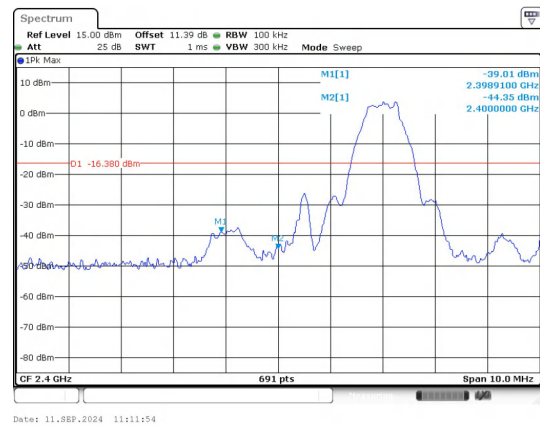
### Test Result

| Mode   | Channel | OOB Emission Frequency (MHz) | OOB Emission Level (dBm) | Limit (dBm) | Over Limit (dB) | Result |
|--------|---------|------------------------------|--------------------------|-------------|-----------------|--------|
| BLE 1M | 0       | 2398.91                      | -39.014                  | -16.38      | -22.634         | PASS   |
|        |         | 2400.00                      | -45.587                  | -16.38      | -29.207         | PASS   |
|        |         | 9602.20                      | -42.654                  | -16.38      | -26.274         | PASS   |
|        | 19      | 9753.73                      | -42.606                  | -15.75      | -26.856         | PASS   |
|        | 39      | 2483.50                      | -41.025                  | -15.62      | -25.405         | PASS   |
|        |         | 9914.37                      | -41.565                  | -15.62      | -25.945         | PASS   |

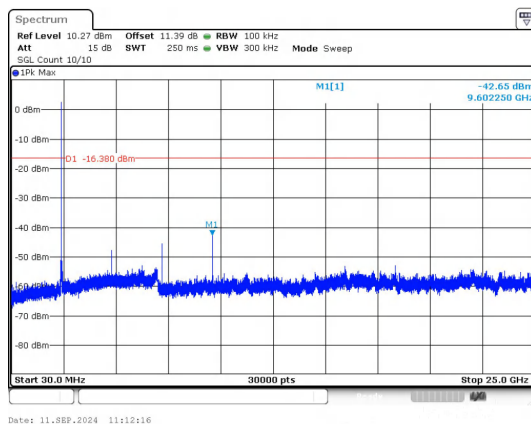
### Test Graphs



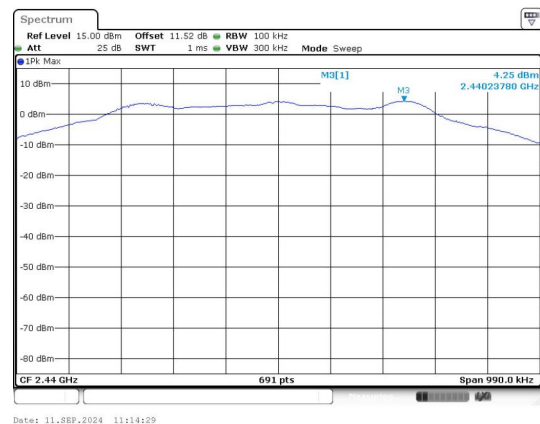
**In-Band Reference Level**  
**BLE 1M\_Channel 0**



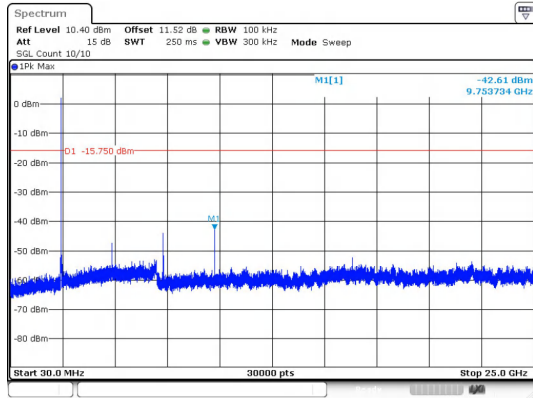
**Out Of Band Emission**  
**BLE 1M\_Channel 0**



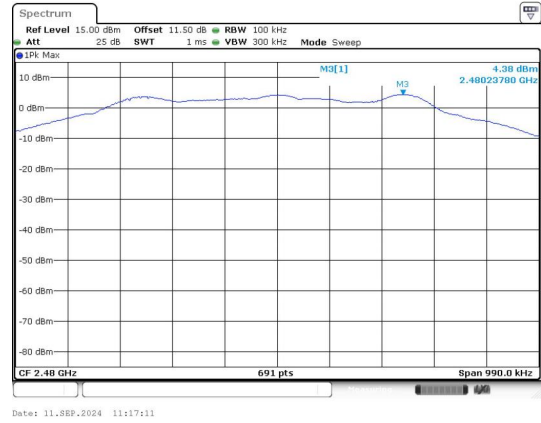
**30.0 MHz - 25000.0 MHz**  
**BLE 1M\_Channel 0**



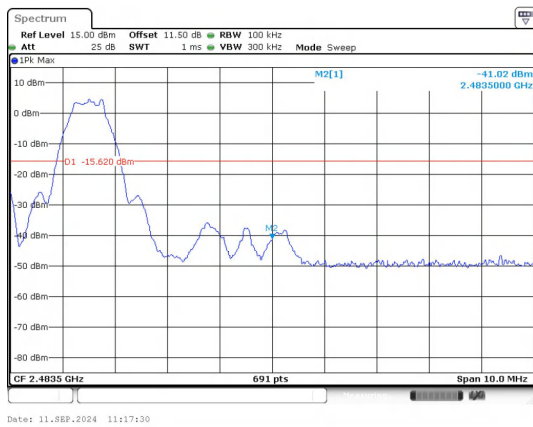
**In-Band Reference Level**  
**BLE 1M\_Channel 19**



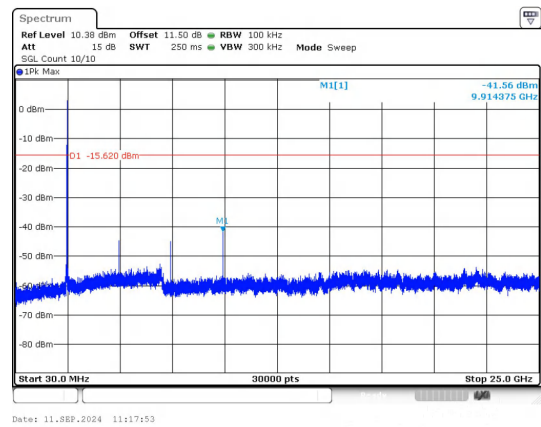
30.0 MHz - 25000.0 MHz  
BLE 1M\_Channel 19



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