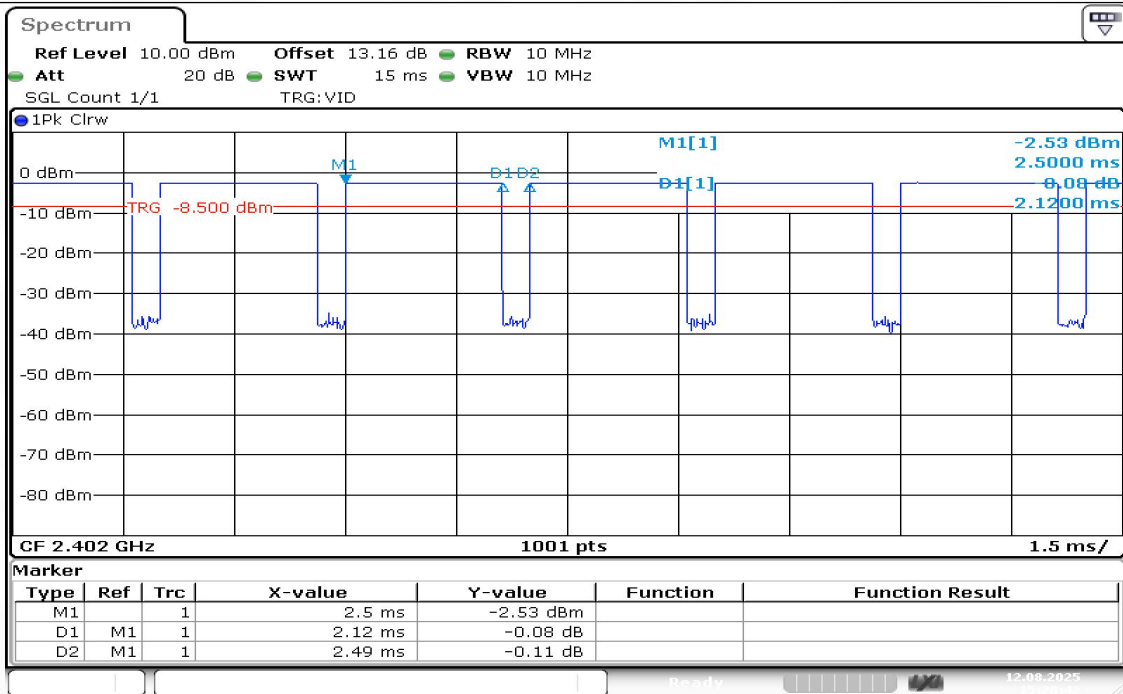


## 1.8 Appendix H: Duty Cycle

### 1.8.1 Test Result

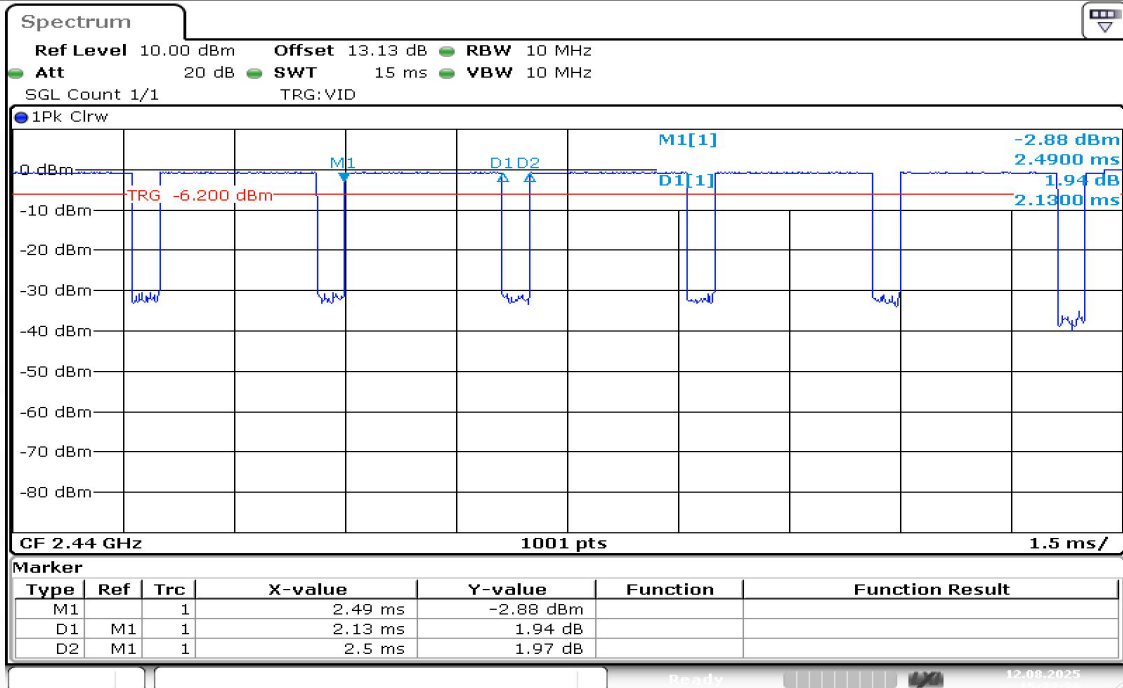
| TestMode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|----------|---------|----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M   | Ant1    | 2402           | 2.12         | 2.49        | 85.14          | 0.70                  |
| BLE_1M   | Ant1    | 2440           | 2.13         | 2.50        | 85.20          | 0.70                  |
| BLE_1M   | Ant1    | 2480           | 2.11         | 2.49        | 84.74          | 0.72                  |
| BLE_2M   | Ant1    | 2402           | 1.08         | 1.88        | 57.45          | 2.41                  |
| BLE_2M   | Ant1    | 2440           | 1.06         | 1.87        | 56.68          | 2.47                  |
| BLE_2M   | Ant1    | 2480           | 1.06         | 1.87        | 56.68          | 2.47                  |

## 1.8.2 Test Graphs



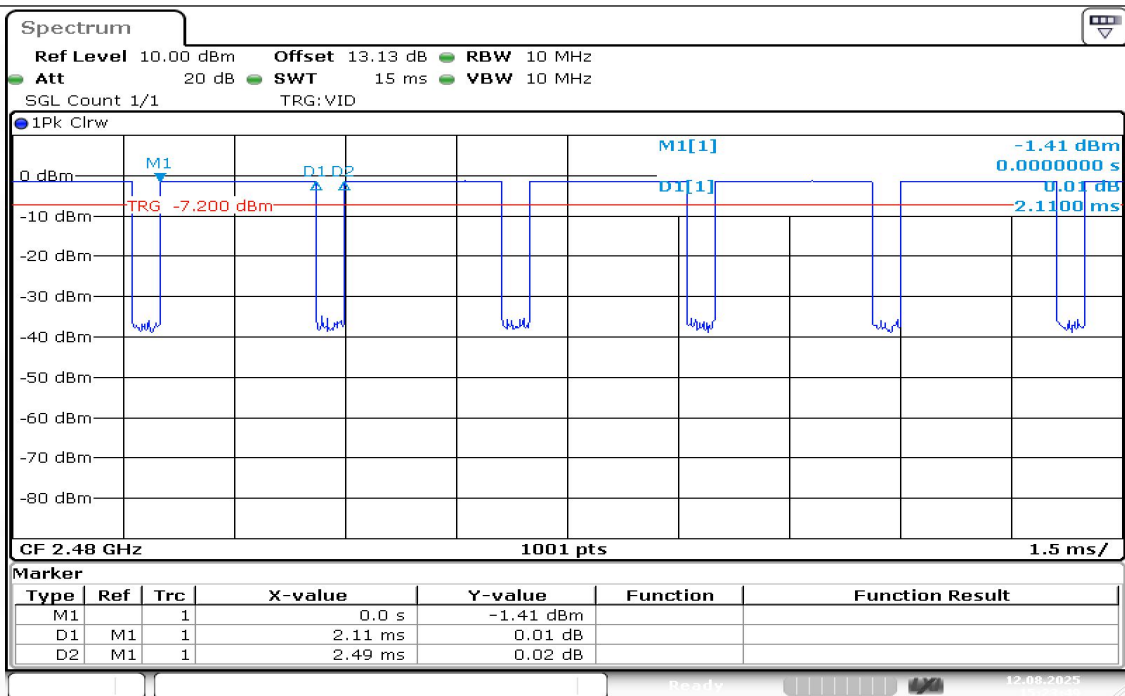
Date: 12.AUG.2025 15:20:42

### NTNV-BLE\_1M-Ant1-2402



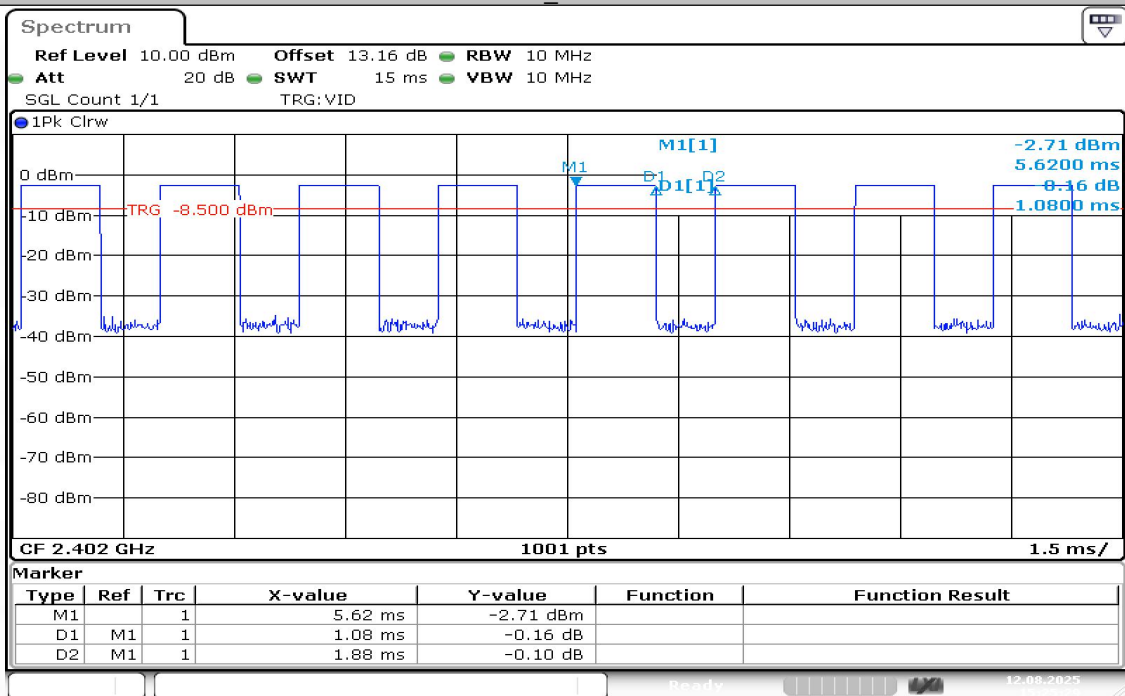
Date: 12.AUG.2025 15:22:26

### NTNV-BLE\_1M-Ant1-2440



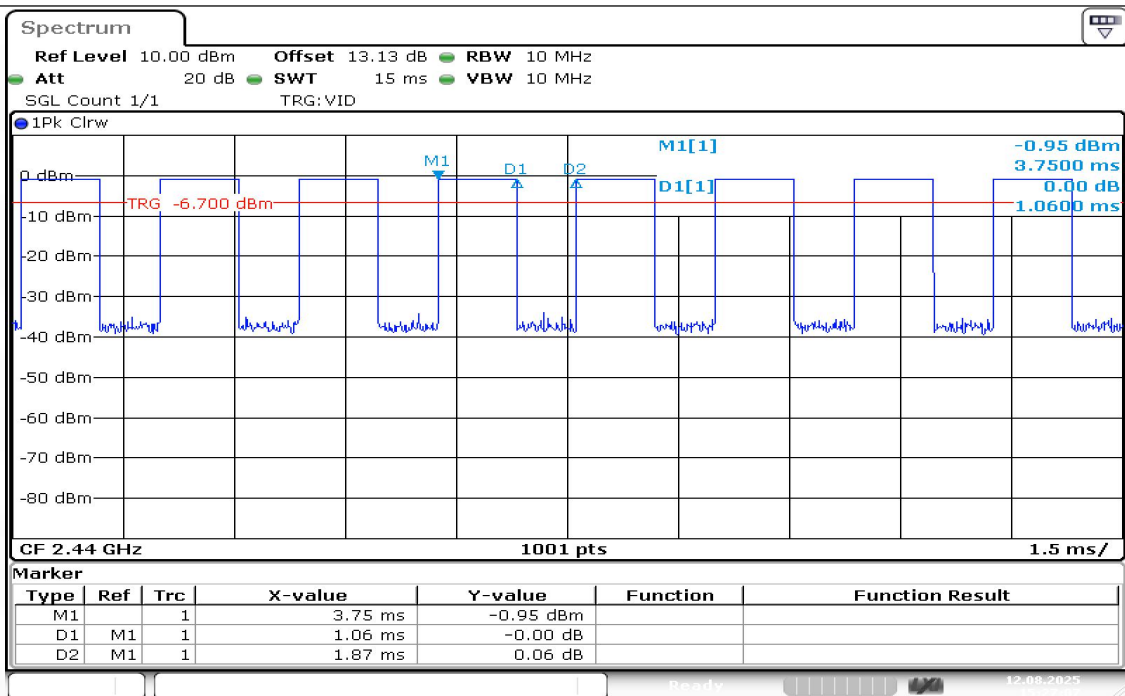
Date: 12.AUG.2025 15:23:48

### NTNV-BLE\_1M-Ant1-2480



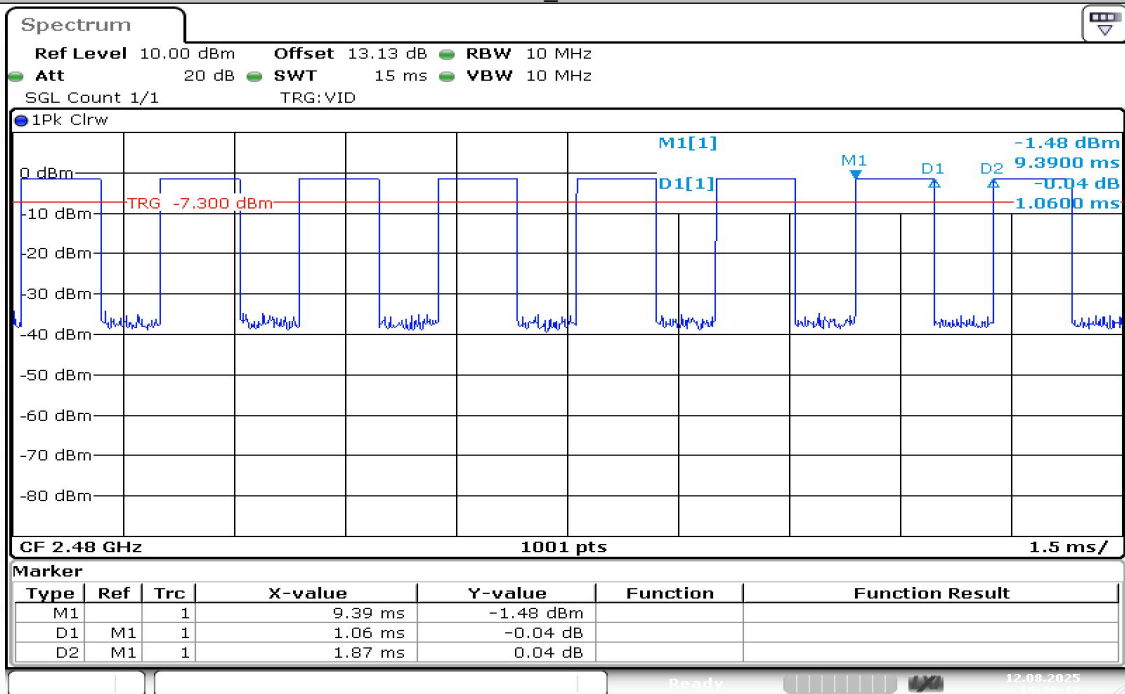
Date: 12.AUG.2025 15:25:29

### NTNV-BLE\_2M-Ant1-2402



Date: 12.AUG.2025 15:27:07

### NTNV-BLE\_2M-Ant1-2440



Date: 12.AUG.2025 15:28:17

### NTNV-BLE\_2M-Ant1-2480

## 1.9 Appendix I: Emissions in Restricted Bands

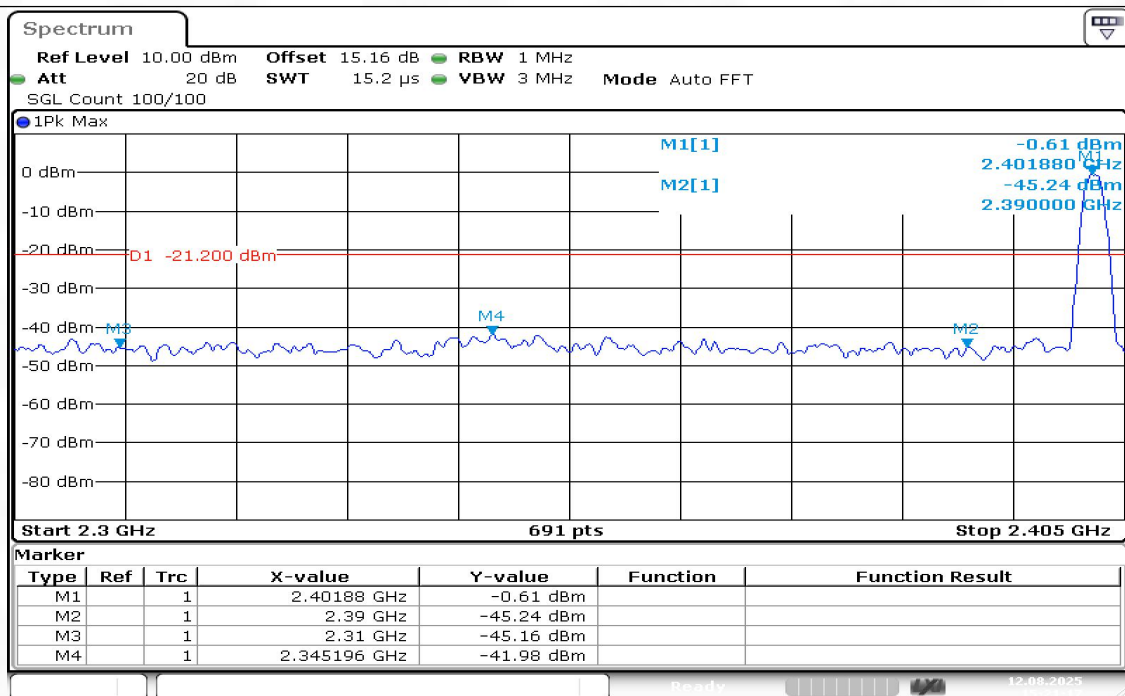
### 1.9.1 Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] |
|----------|---------|--------|----------------|----------|------------|--------------|-------------|-----------------|----------------|
| BLE_1M   | Ant1    | Low    | 2402           | Peak     | 2390.000   | -45.24       | ≤-21.20     | 49.96           | ≤74            |
| BLE_1M   | Ant1    | Low    | 2402           | Peak     | 2310.000   | -45.16       | ≤-21.20     | 50.04           | ≤74            |
| BLE_1M   | Ant1    | Low    | 2402           | Peak     | 2345.196   | -41.98       | ≤-21.20     | 53.22           | ≤74            |
| BLE_1M   | Ant1    | Low    | 2402           | AV       | 2390.000   | -54.97       | ≤-41.20     | 40.23           | ≤54            |
| BLE_1M   | Ant1    | Low    | 2402           | AV       | 2310.000   | -54.56       | ≤-41.20     | 40.64           | ≤54            |
| BLE_1M   | Ant1    | Low    | 2402           | AV       | 2341.087   | -52.71       | ≤-41.20     | 42.49           | ≤54            |
| BLE_1M   | Ant1    | High   | 2480           | Peak     | 2483.500   | -47.88       | ≤-21.20     | 47.32           | ≤74            |
| BLE_1M   | Ant1    | High   | 2480           | Peak     | 2500.000   | -46.87       | ≤-21.20     | 48.33           | ≤74            |
| BLE_1M   | Ant1    | High   | 2480           | Peak     | 2484.493   | -43.86       | ≤-21.20     | 51.34           | ≤74            |
| BLE_1M   | Ant1    | High   | 2480           | AV       | 2483.500   | -54.51       | ≤-41.20     | 40.69           | ≤54            |
| BLE_1M   | Ant1    | High   | 2480           | AV       | 2500.000   | -54.36       | ≤-41.20     | 40.84           | ≤54            |
| BLE_1M   | Ant1    | High   | 2480           | AV       | 2499.449   | -53.99       | ≤-41.20     | 41.21           | ≤54            |
| BLE_2M   | Ant1    | Low    | 2402           | Peak     | 2390.000   | -45.85       | ≤-21.20     | 49.35           | ≤74            |
| BLE_2M   | Ant1    | Low    | 2402           | Peak     | 2310.000   | -44.13       | ≤-21.20     | 51.07           | ≤74            |
| BLE_2M   | Ant1    | Low    | 2402           | Peak     | 2341.391   | -42.38       | ≤-21.20     | 52.82           | ≤74            |
| BLE_2M   | Ant1    | Low    | 2402           | AV       | 2390.000   | -55.02       | ≤-41.20     | 40.18           | ≤54            |
| BLE_2M   | Ant1    | Low    | 2402           | AV       | 2310.000   | -54.43       | ≤-41.20     | 40.77           | ≤54            |
| BLE_2M   | Ant1    | Low    | 2402           | AV       | 2343.217   | -52.5        | ≤-41.20     | 42.70           | ≤54            |
| BLE_2M   | Ant1    | High   | 2480           | Peak     | 2483.500   | -46.24       | ≤-21.20     | 48.96           | ≤74            |
| BLE_2M   | Ant1    | High   | 2480           | Peak     | 2500.000   | -42.52       | ≤-21.20     | 52.68           | ≤74            |
| BLE_2M   | Ant1    | High   | 2480           | Peak     | 2499.913   | -42.71       | ≤-21.20     | 52.49           | ≤74            |
| BLE_2M   | Ant1    | High   | 2480           | AV       | 2483.500   | -53.7        | ≤-41.20     | 41.50           | ≤54            |
| BLE_2M   | Ant1    | High   | 2480           | AV       | 2500.000   | -53.98       | ≤-41.20     | 41.22           | ≤54            |
| BLE_2M   | Ant1    | High   | 2480           | AV       | 2499.913   | -53.95       | ≤-41.20     | 41.25           | ≤54            |

Note:

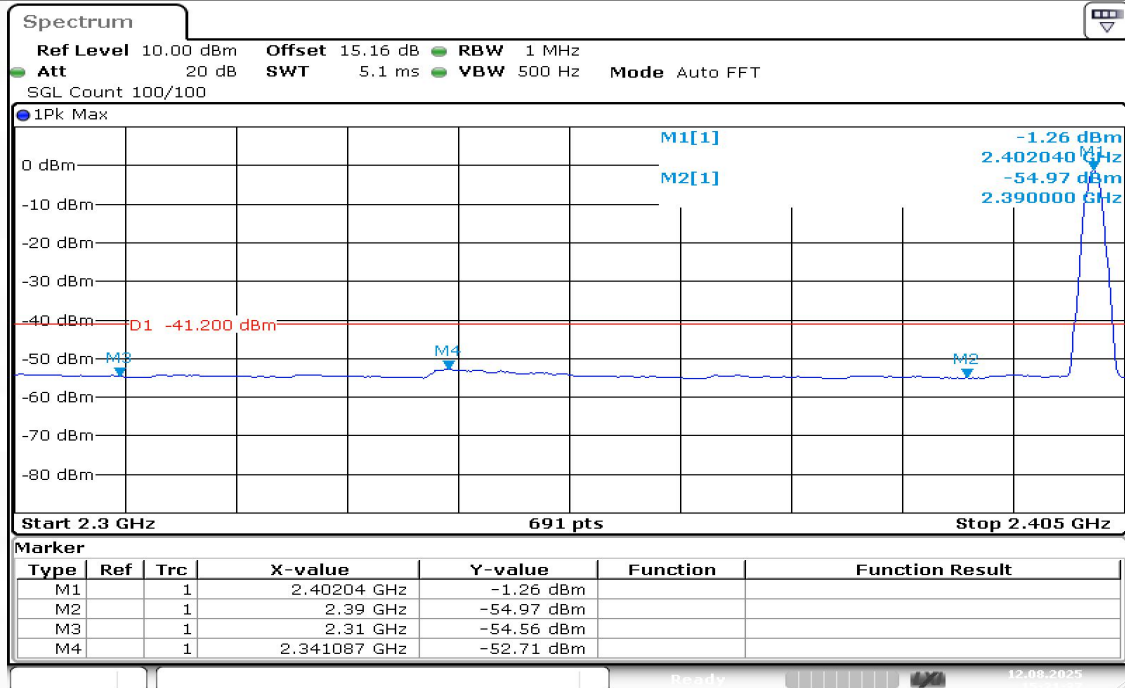
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## 1.9.2 Test Graphs



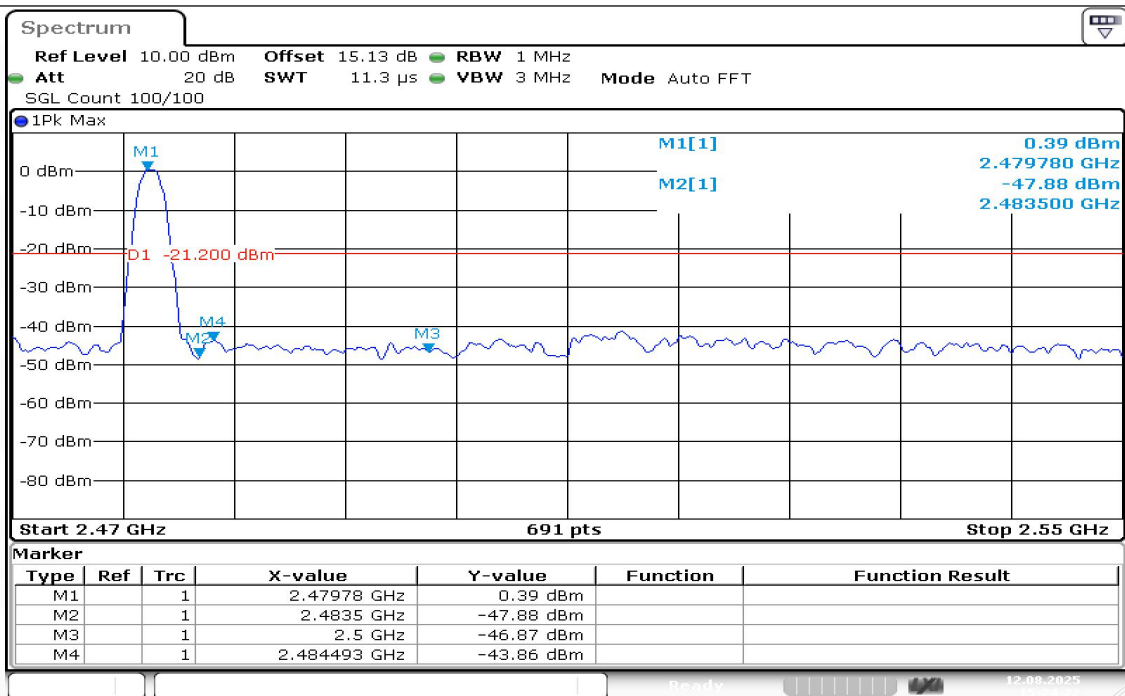
Date: 12.AUG.2025 15:21:17

### BLE\_1M-Ant1-2402-PASS



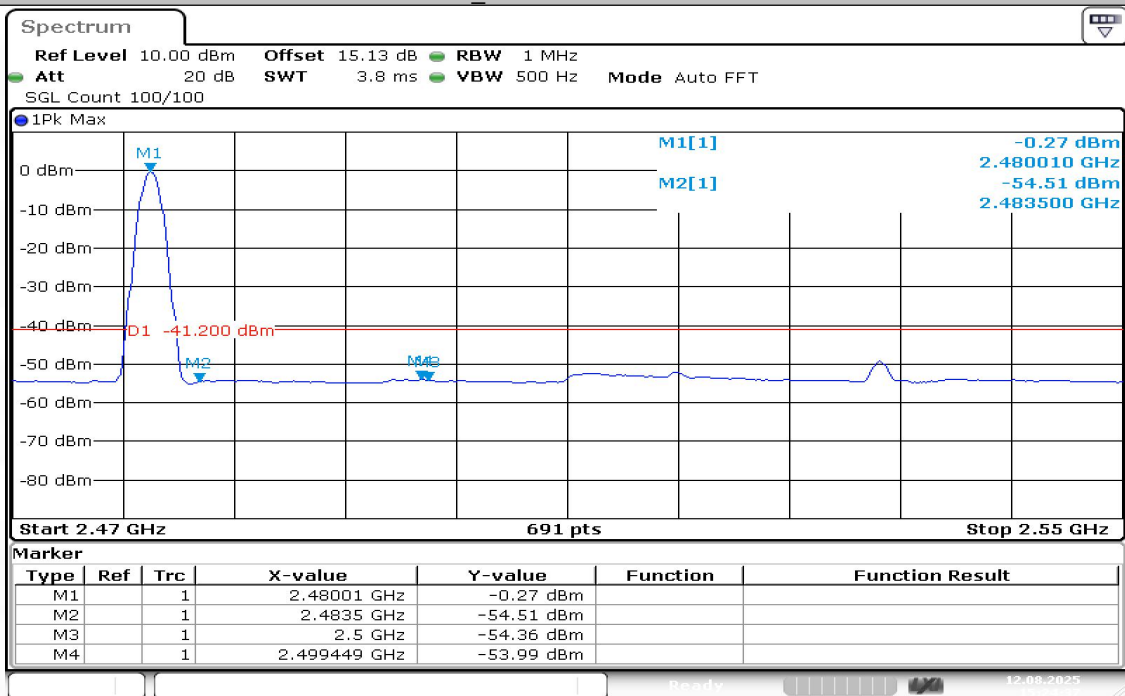
Date: 12.AUG.2025 15:21:37

### BLE\_1M-Ant1-2402-PASS



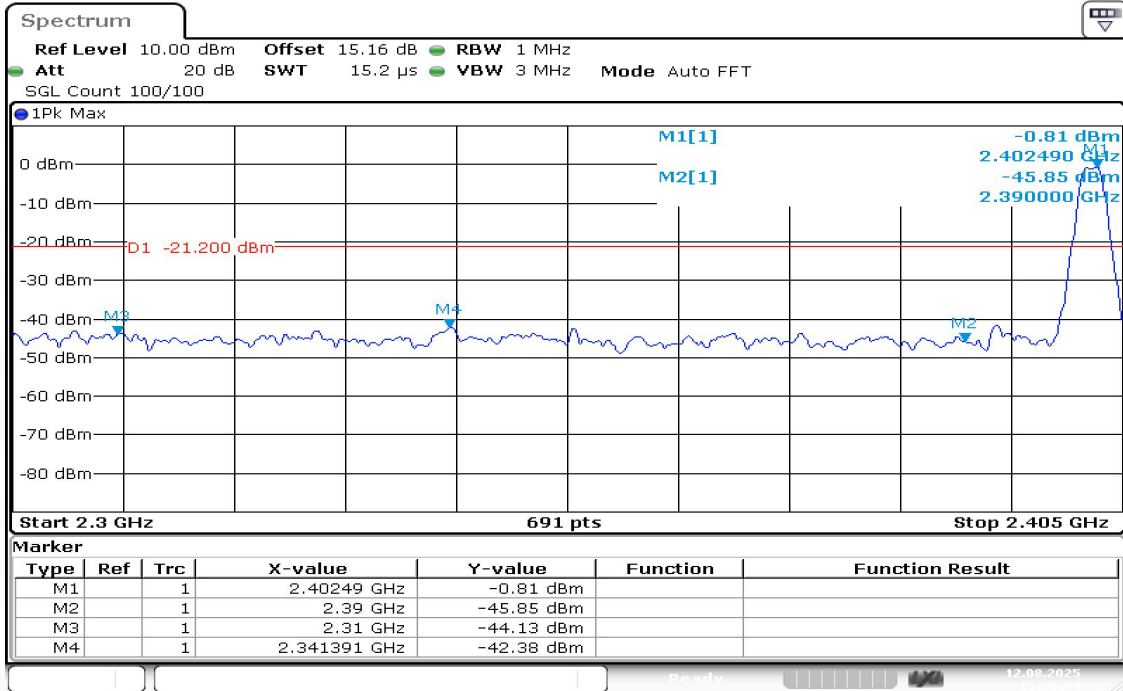
Date: 12.AUG.2025 15:24:22

### BLE\_1M-Ant1-2480-PASS



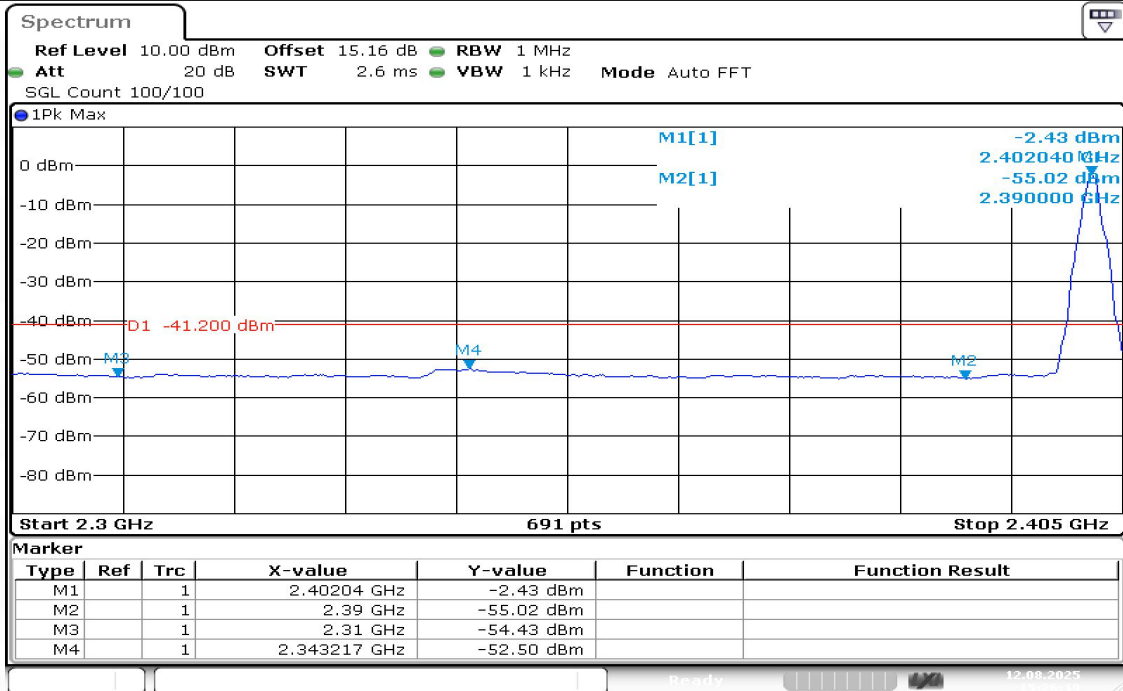
Date: 12.AUG.2025 15:24:36

### BLE\_1M-Ant1-2480-PASS



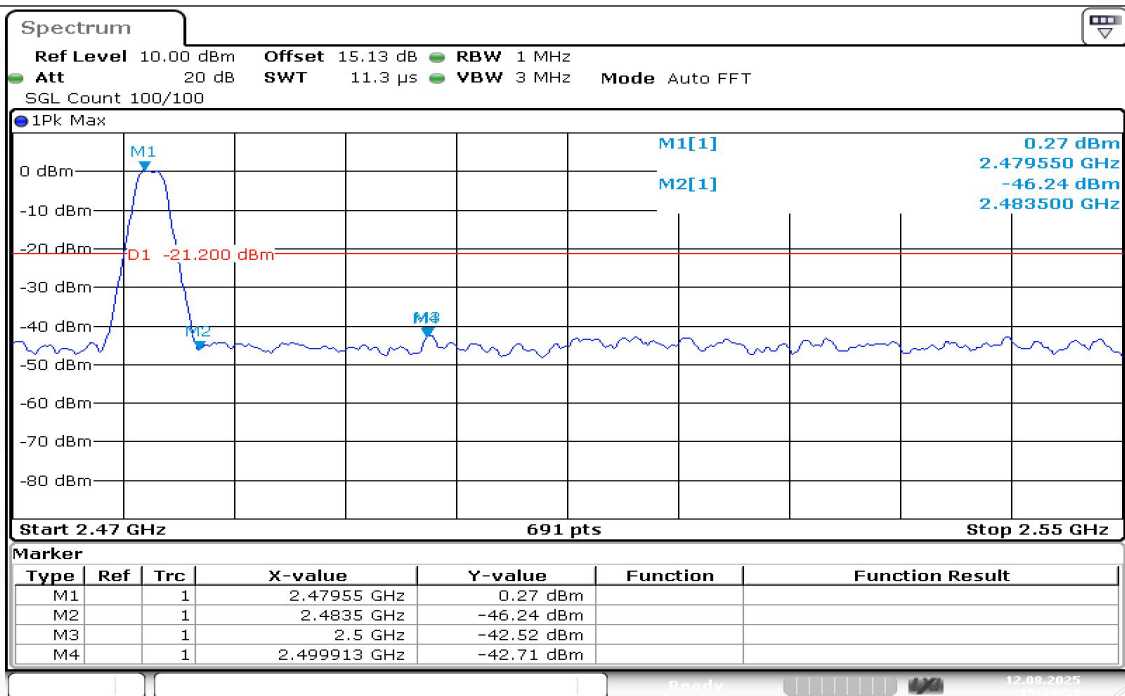
Date: 12.AUG.2025 15:26:04

### BLE\_2M-Ant1-2402-PASS



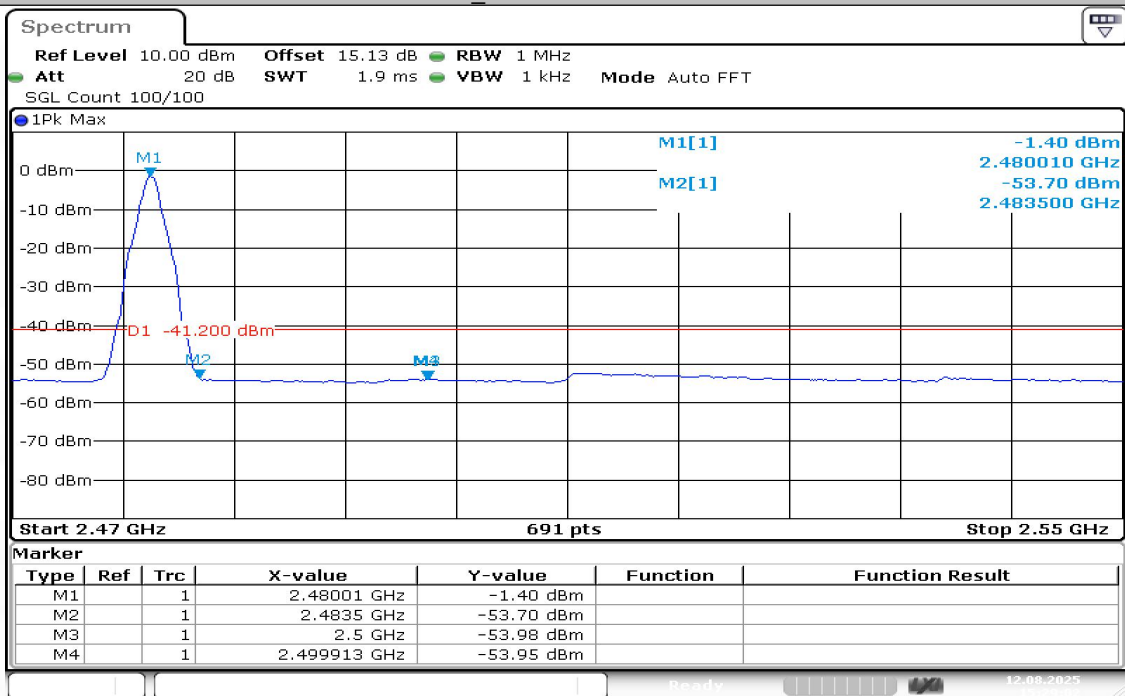
Date: 12.AUG.2025 15:26:19

### BLE\_2M-Ant1-2402-PASS



Date: 12.AUG.2025 15:28:51

### BLE\_2M-Ant1-2480-PASS



Date: 12.AUG.2025 15:29:02

### BLE\_2M-Ant1-2480-PASS