

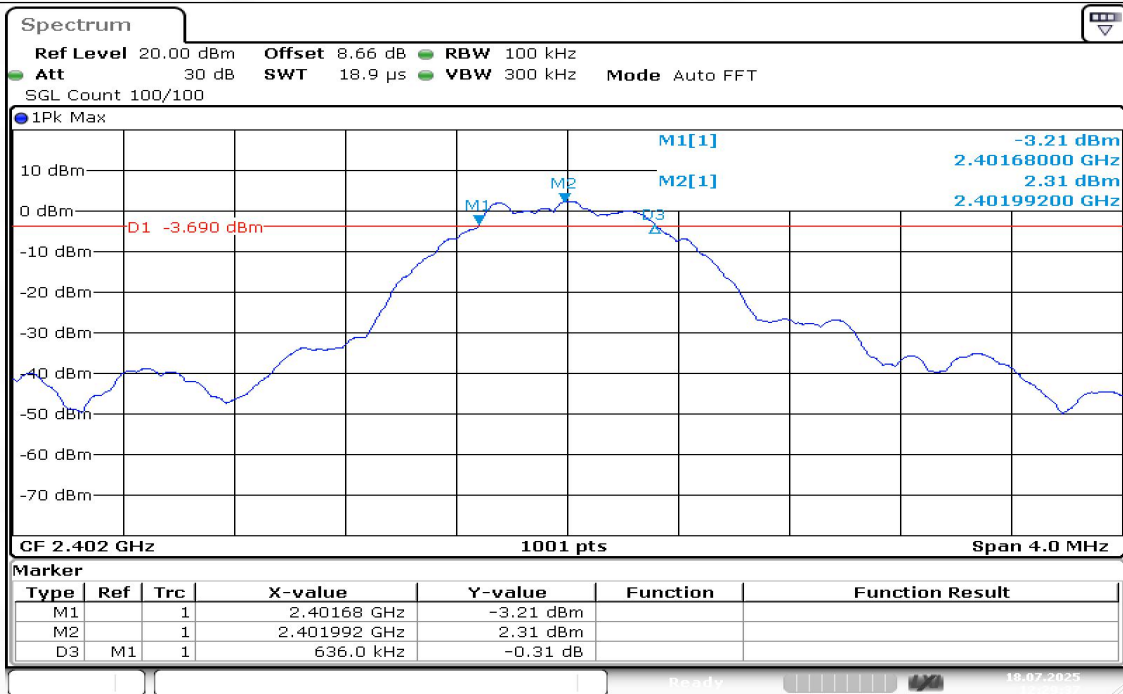
## Appendix - BLE

### 1.1 Appendix A: DTS Bandwidth

#### 1.1.1 Test Result

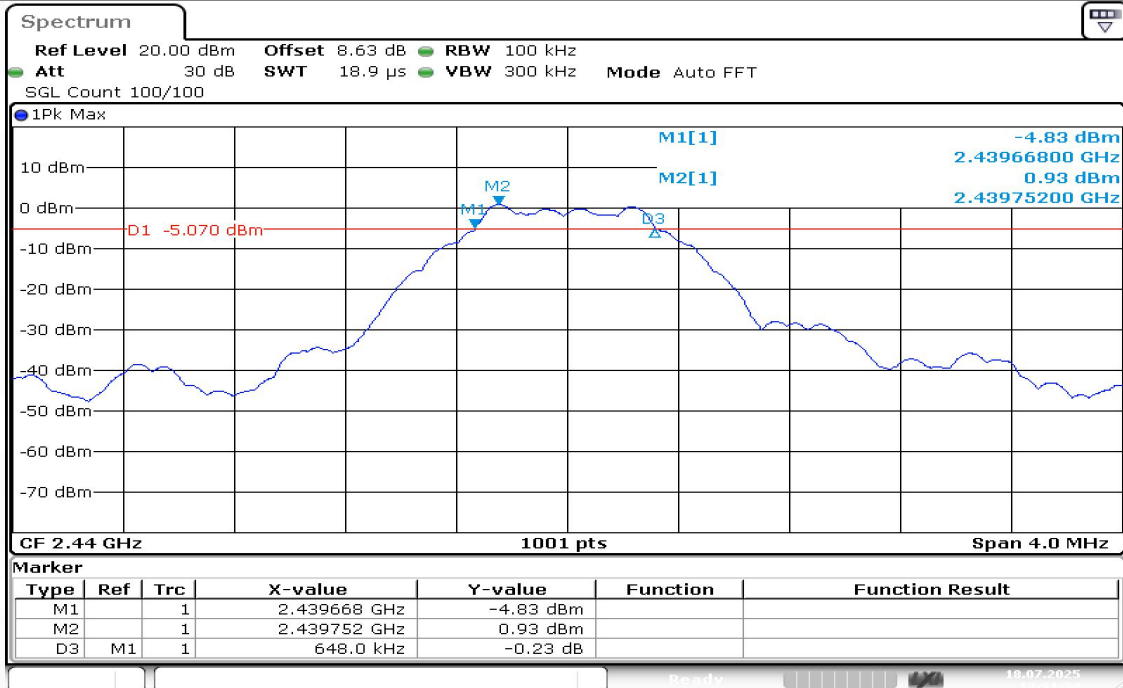
| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.64         | 2401.68 | 2402.32 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.65         | 2439.67 | 2440.32 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.69         | 2479.63 | 2480.32 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 0.96         | 2401.48 | 2402.44 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 0.64         | 2439.78 | 2440.41 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 0.99         | 2479.48 | 2480.46 | 0.5        | PASS    |

## 1.1.2 Test Graphs



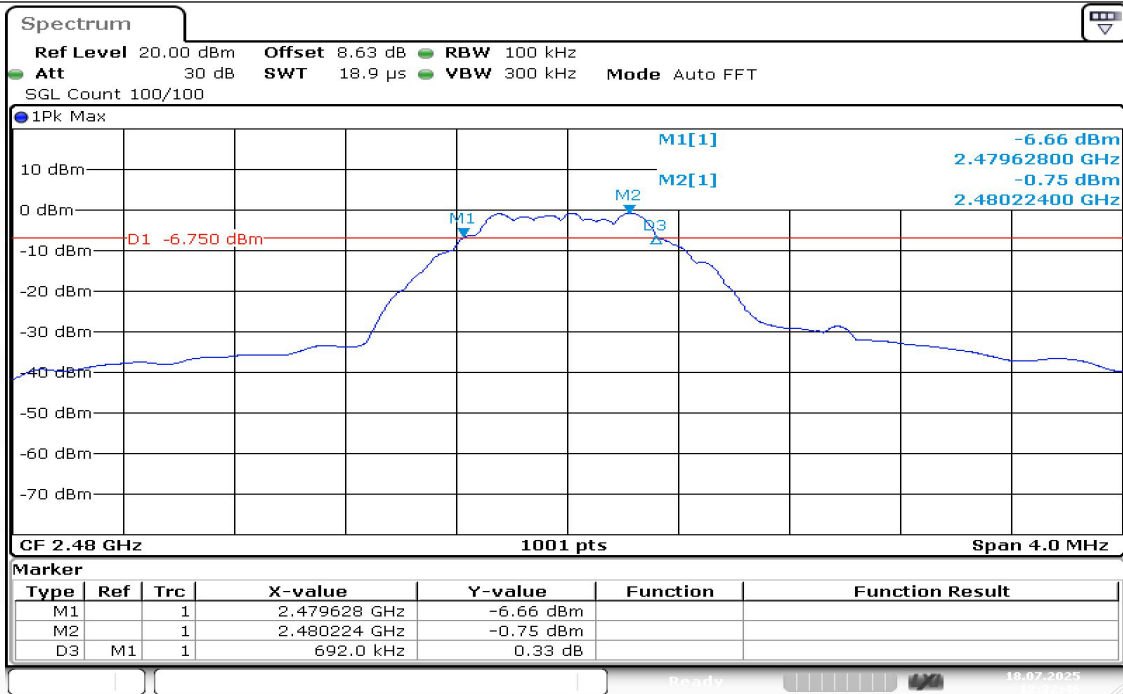
Date: 18.JUL.2025 12:29:36

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



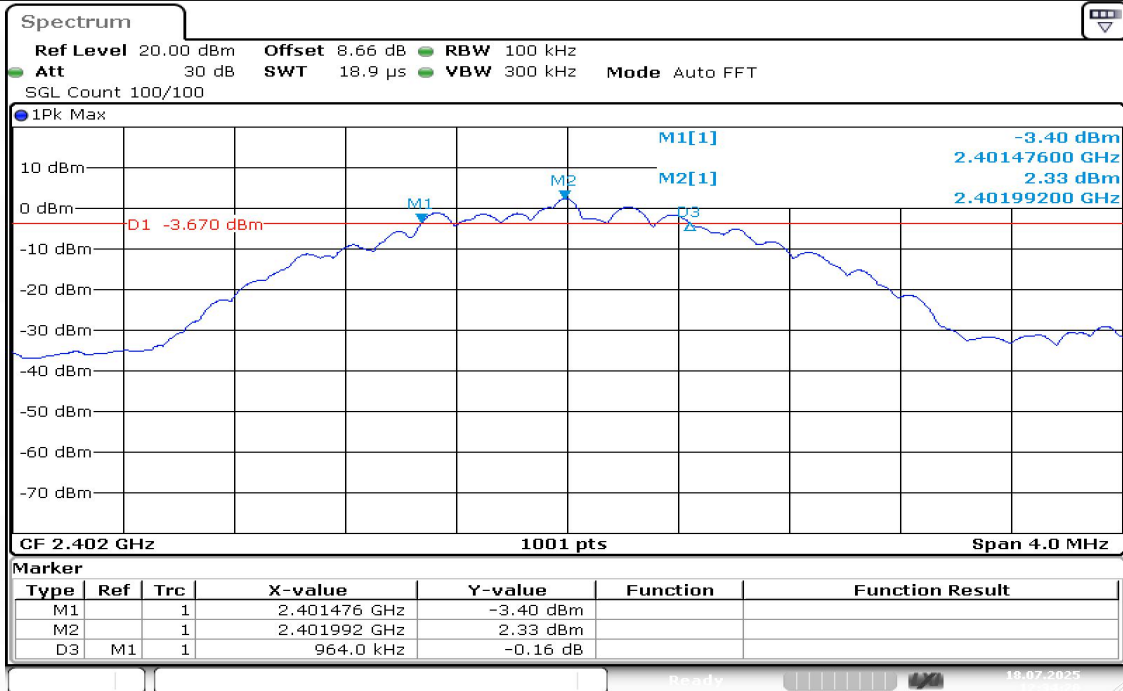
Date: 18.JUL.2025 12:31:34

### BLE\_1M-Ant1-2440-PASS



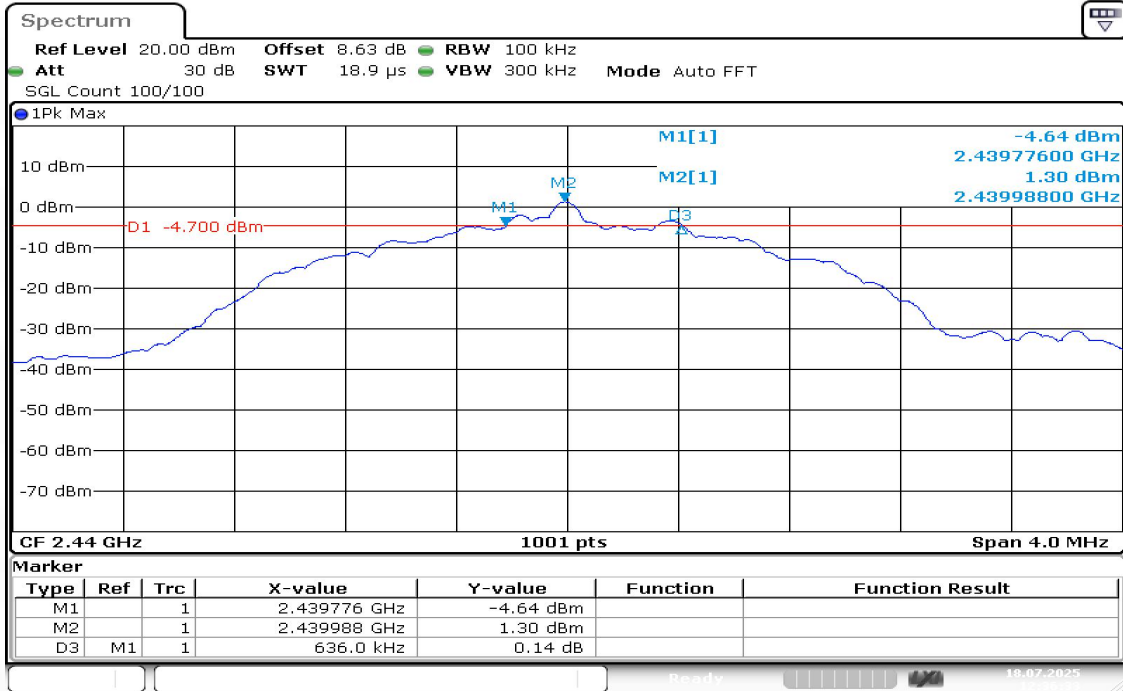
Date: 18.JUL.2025 12:32:46

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



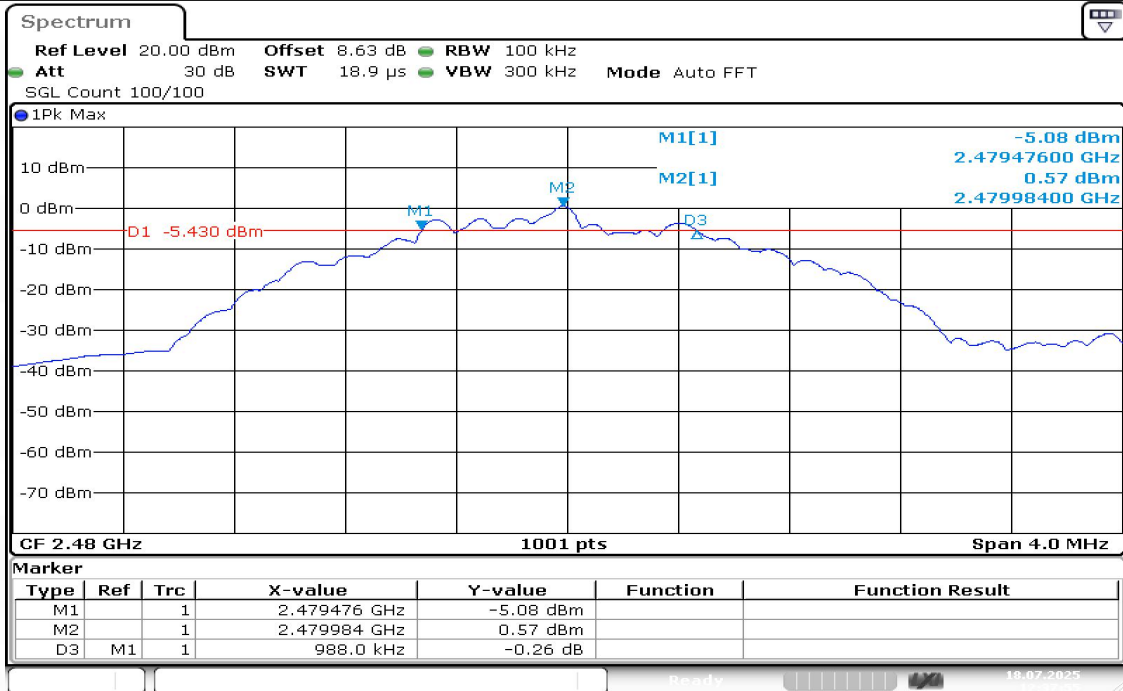
Date: 18.JUL.2025 12:34:21

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



Date: 18.JUL.2025 12:36:33

### BLE 2M-Ant1-2440-PASS



Date: 18.JUL.2025 12:37:55

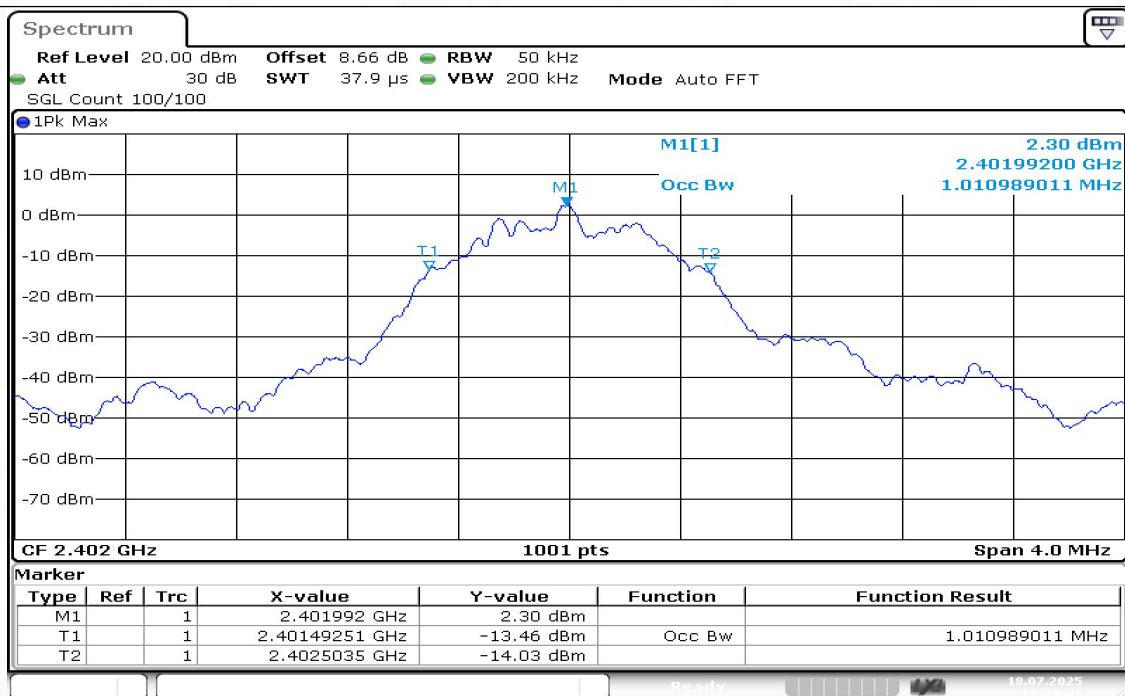
### BLE 2M-Ant1-2480-PASS

## 1.2 Appendix B: Occupied Channel Bandwidth

### 1.2.1 Test Result

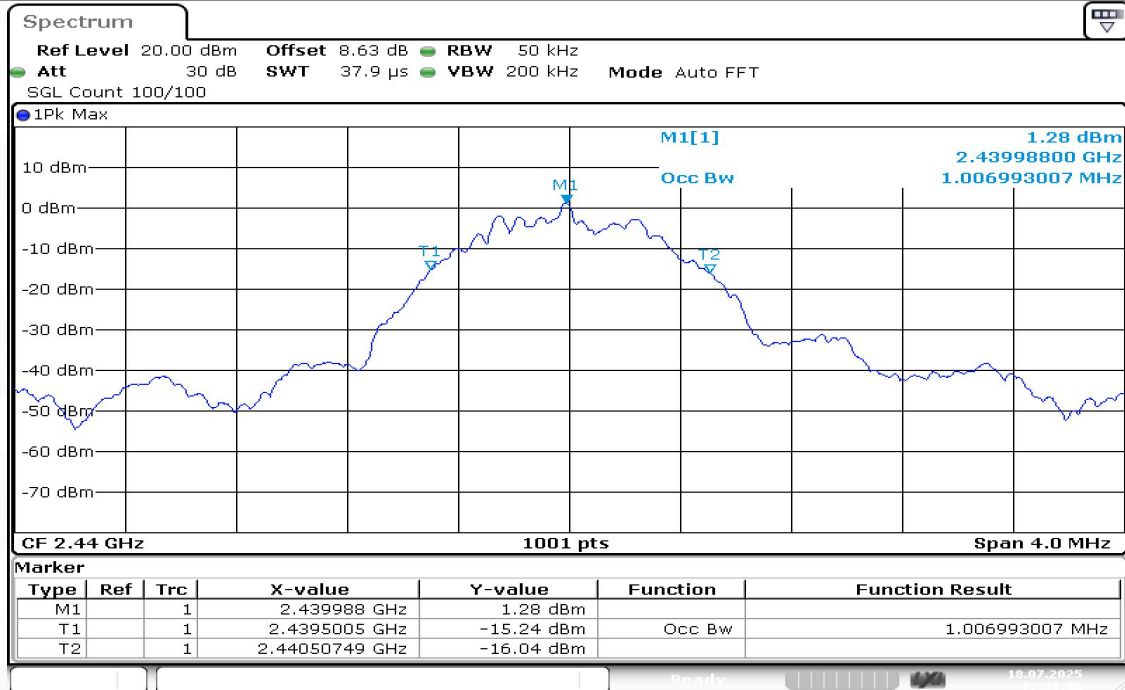
| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 1.0110    | 2401.4925 | 2402.5035 | ---        | ---     |
| BLE_1M   | Ant1    | 2440           | 1.0070    | 2439.5005 | 2440.5075 | ---        | ---     |
| BLE_1M   | Ant1    | 2480           | 1.0270    | 2479.4845 | 2480.5115 | ---        | ---     |
| BLE_2M   | Ant1    | 2402           | 2.0579    | 2400.9810 | 2403.0390 | ---        | ---     |
| BLE_2M   | Ant1    | 2440           | 2.0340    | 2438.9890 | 2441.0230 | ---        | ---     |
| BLE_2M   | Ant1    | 2480           | 2.0380    | 2478.9850 | 2481.0230 | ---        | ---     |

## 1.2.2 Test Graphs



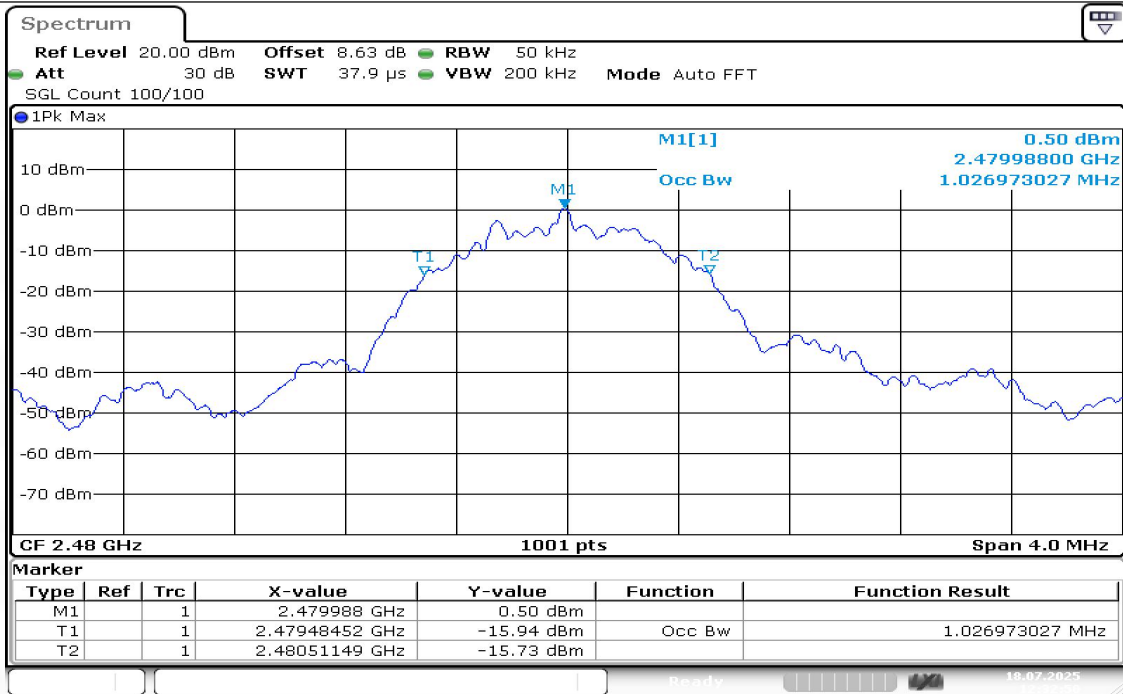
Date: 18.JUL.2025 12:29:41

BLE\_1M-Ant1-2402



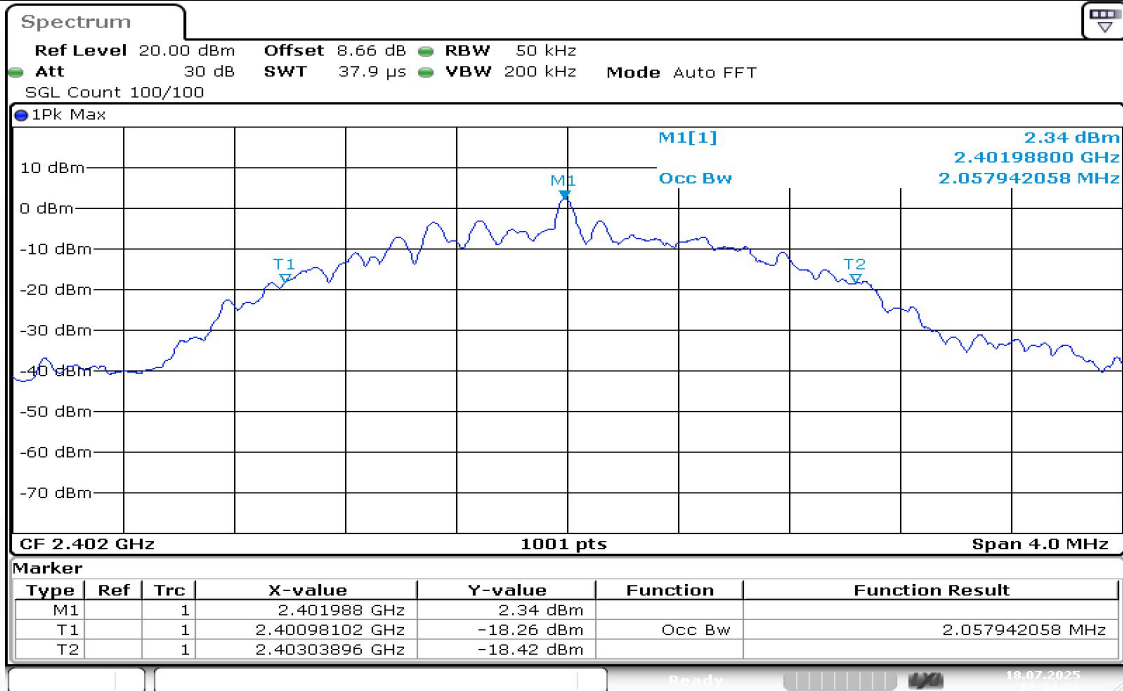
Date: 18.JUL.2025 12:31:38

BLE\_1M-Ant1-2440



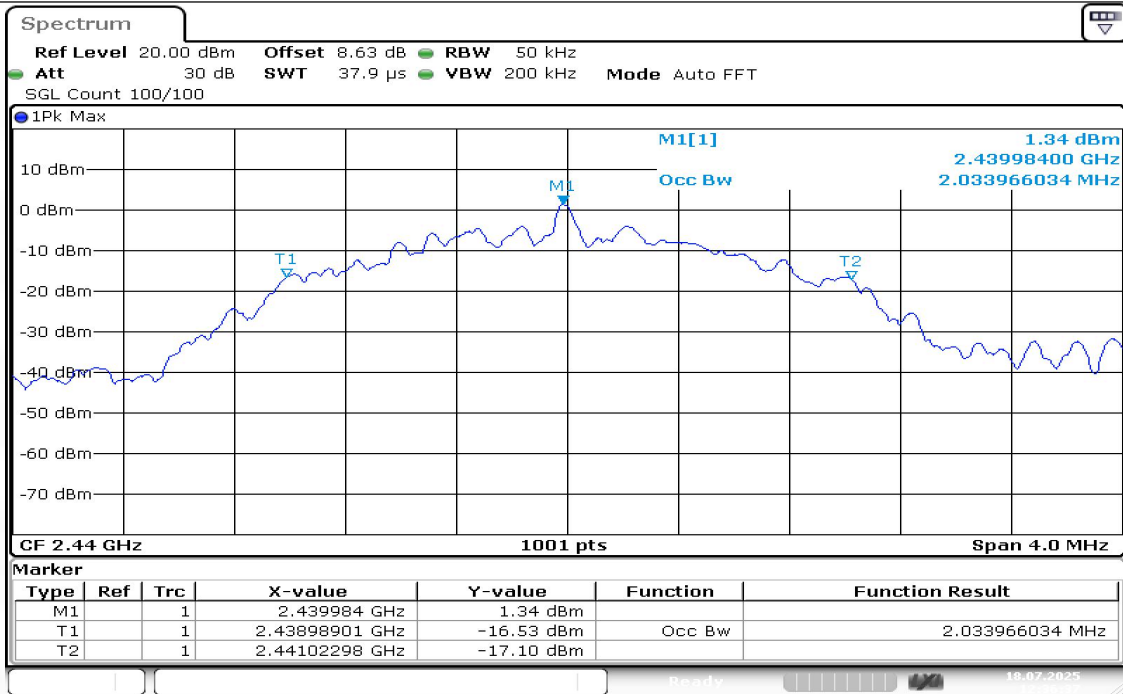
Date: 18.JUL.2025 12:32:50

### BLE\_1M-Ant1-2480



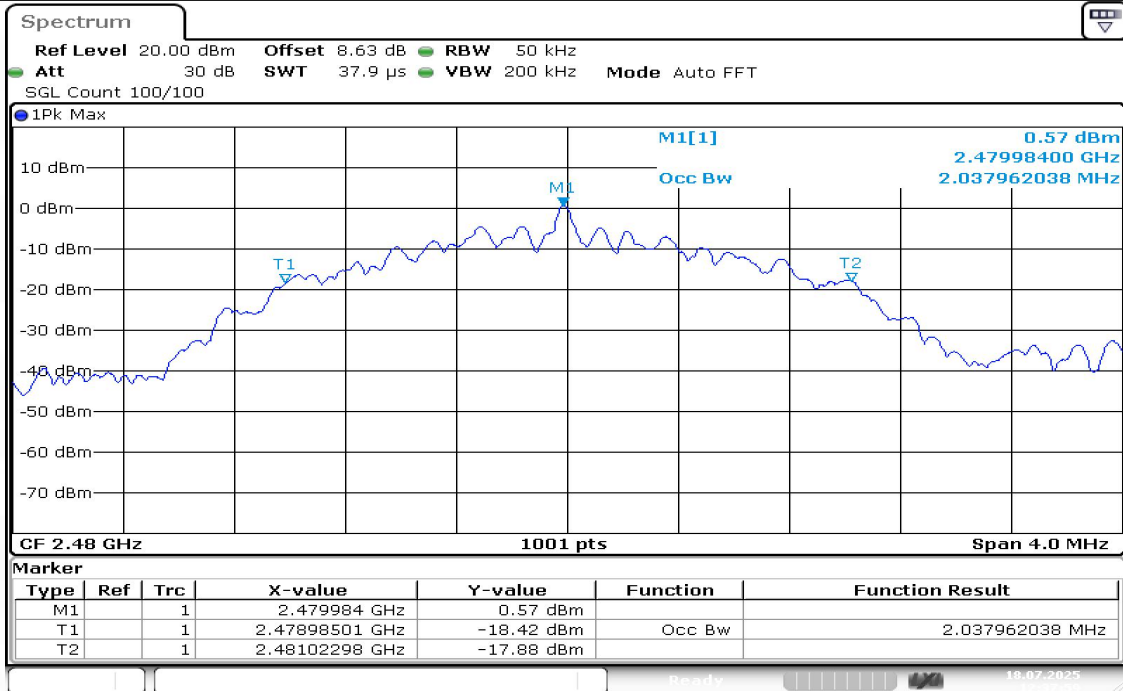
Date: 18.JUL.2025 12:34:25

### BLE\_2M-Ant1-2402



Date: 18.JUL.2025 12:36:37

### BLE\_2M-Ant1-2440



Date: 18.JUL.2025 12:37:59

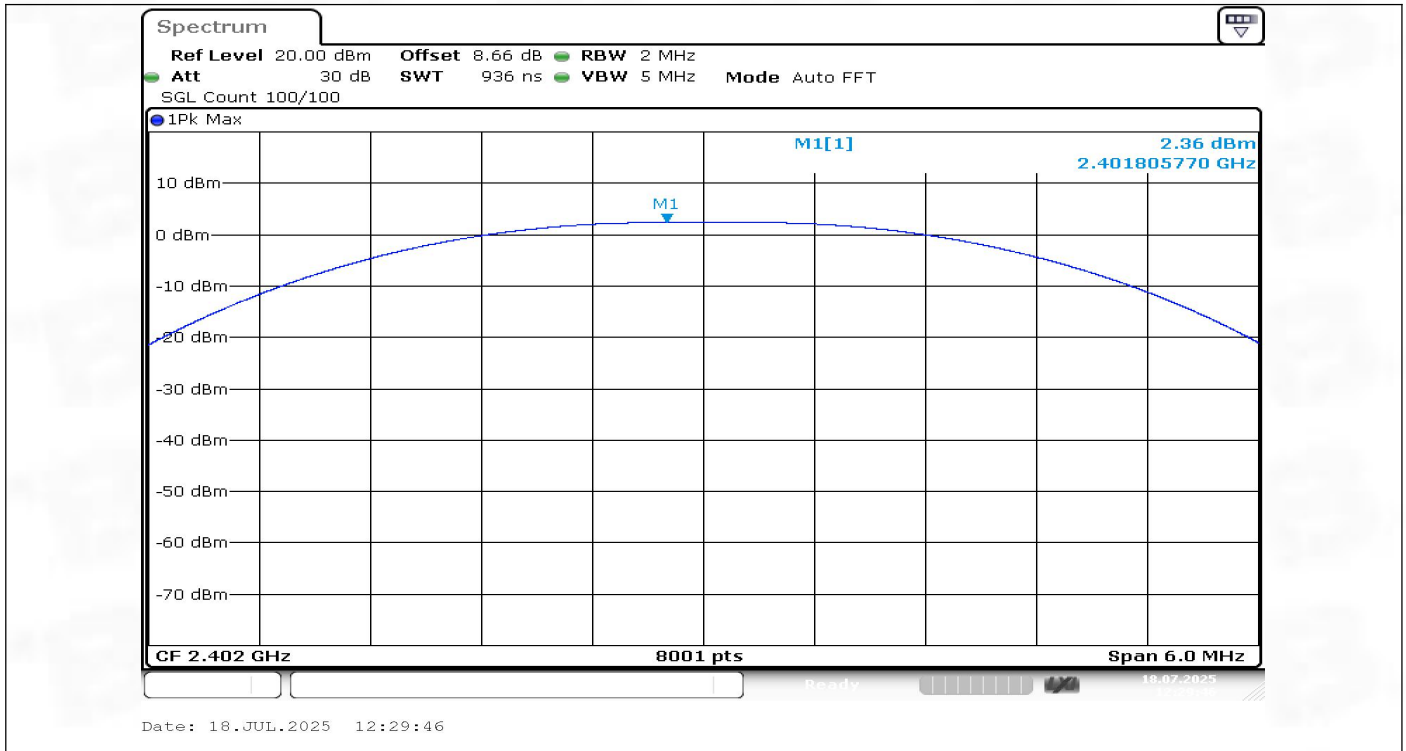
### BLE\_2M-Ant1-2480

## 1.3 Appendix C: Maximum conducted output power

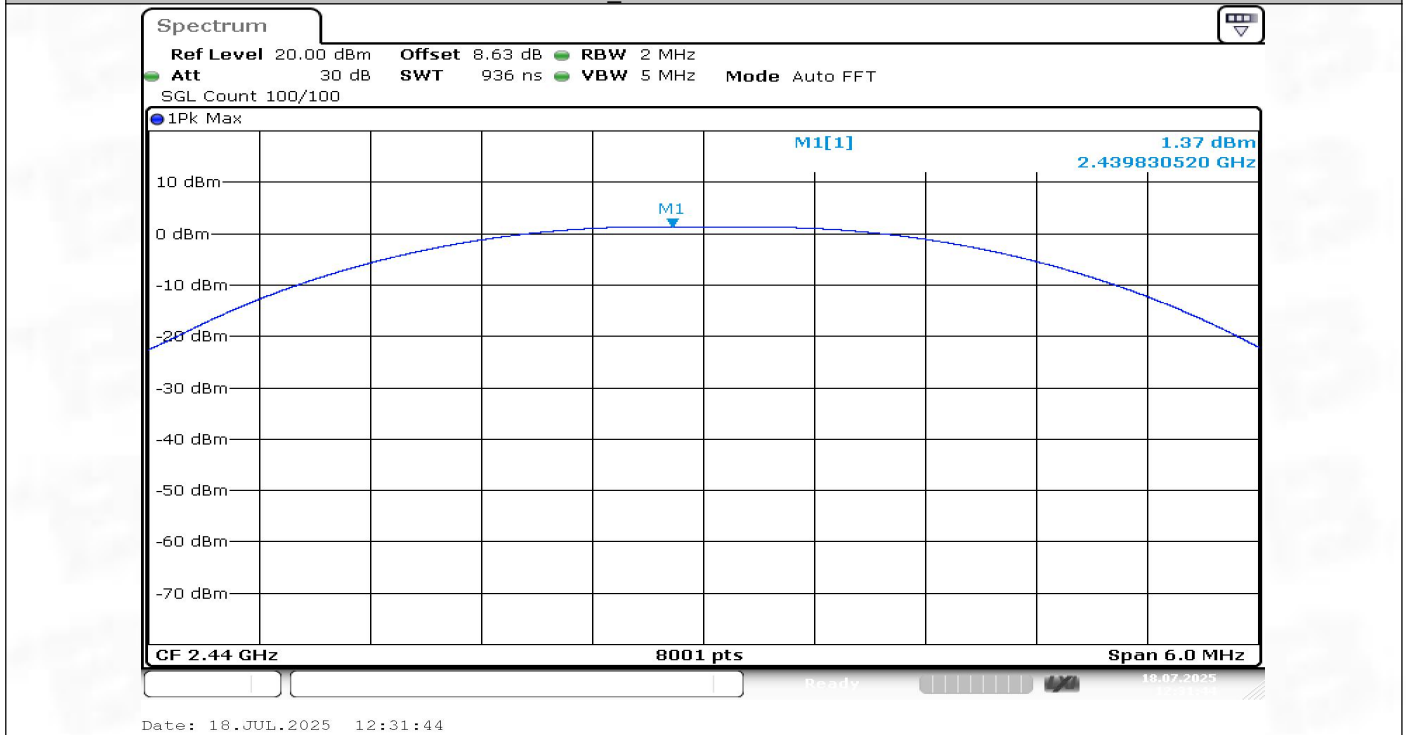
### 1.3.1 Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | 2.36                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | 1.37                      | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.56                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2402           | 2.37                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.42                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2480           | 0.63                      | ≤30                  | PASS    |

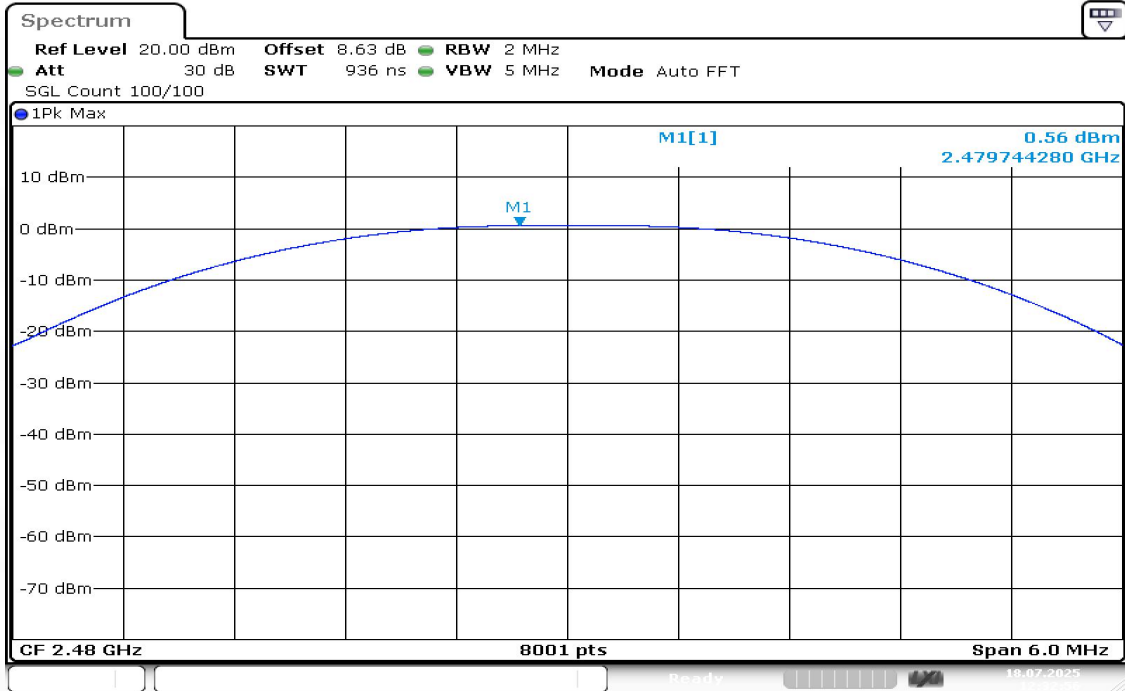
### 1.3.2 Test Graphs Peak



BLE\_1M-Ant1-2402-PASS

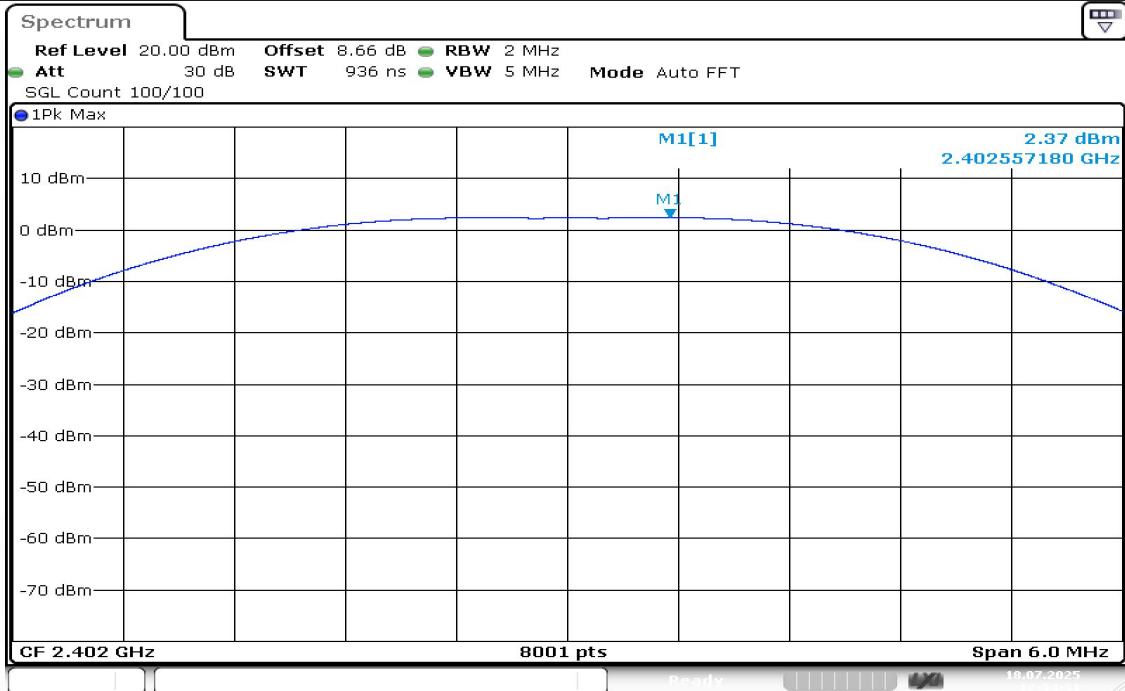


BLE\_1M-Ant1-2440-PASS



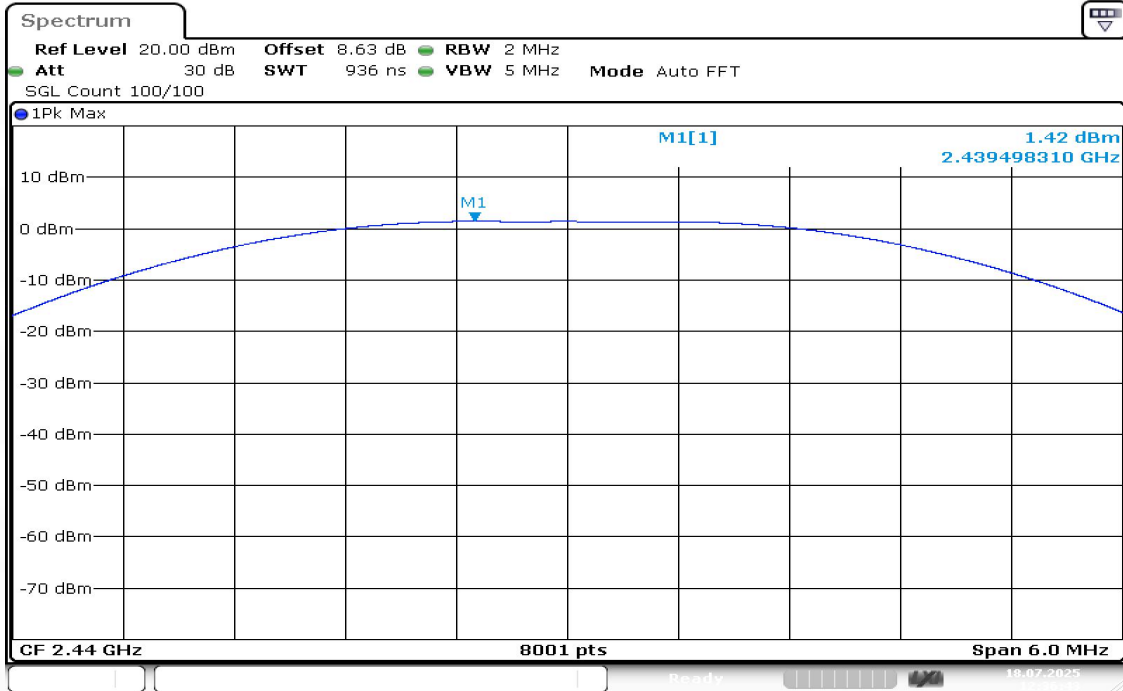
Date: 18.JUL.2025 12:32:56

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



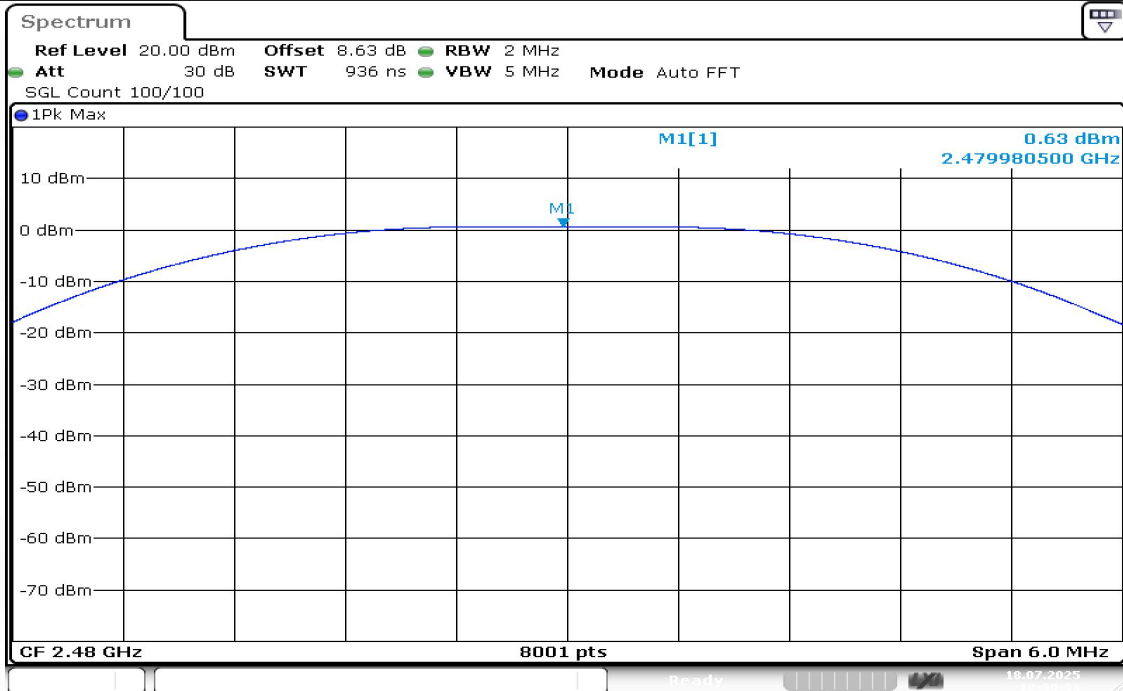
Date: 18.JUL.2025 12:34:31

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



Date: 18.JUL.2025 12:36:43

### BLE\_2M-Ant1-2440-PASS



Date: 18.JUL.2025 12:39:33

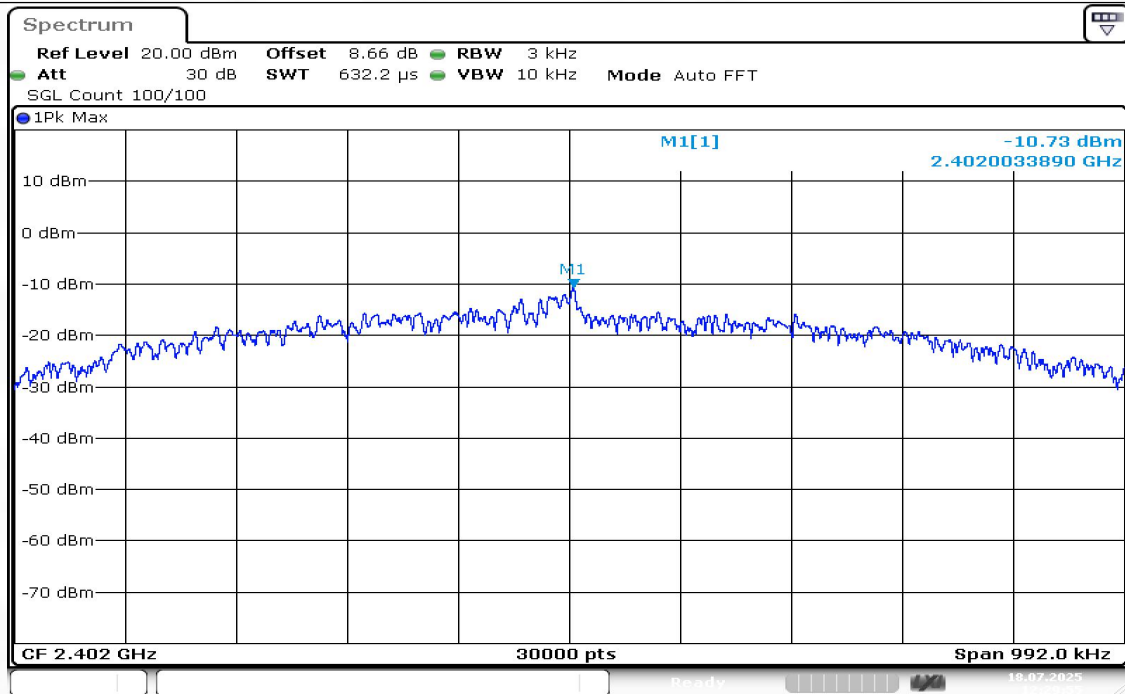
### BLE\_2M-Ant1-2480-PASS

## 1.4 Appendix D: Maximum power spectral density

### 1.4.1 Test Result

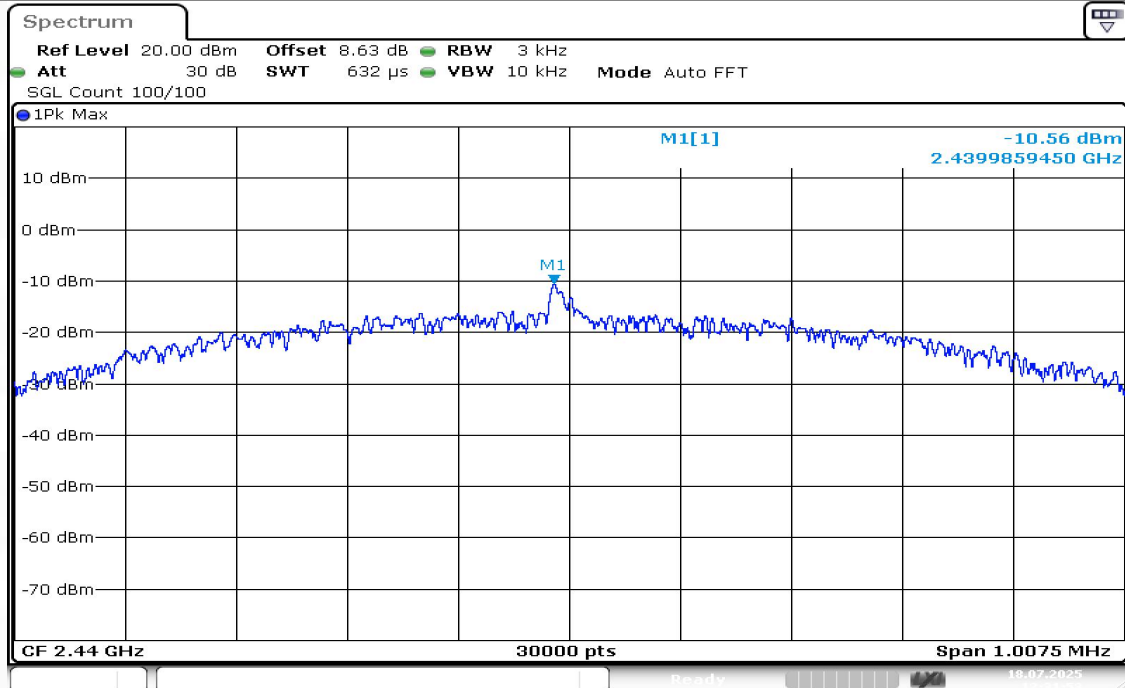
| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -10.73           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -10.56           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -12.89           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -9.74            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -11.29           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -11.54           | ≤8.00           | PASS    |

## 1.4.2 Test Graphs



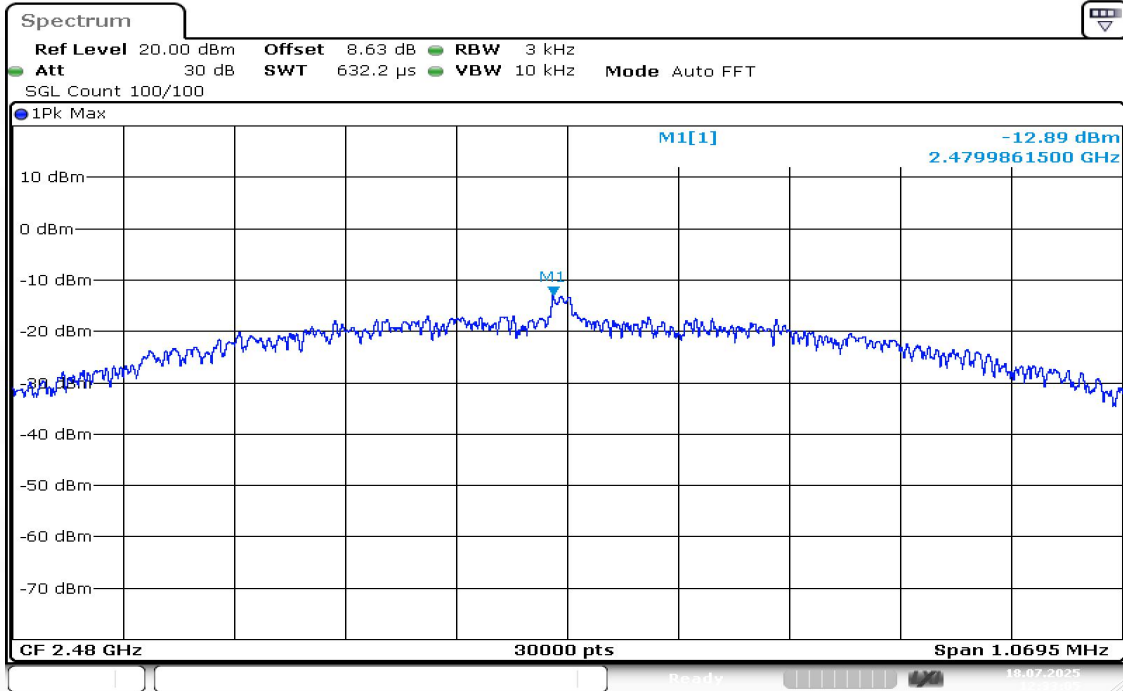
Date: 18.JUL.2025 12:29:56

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



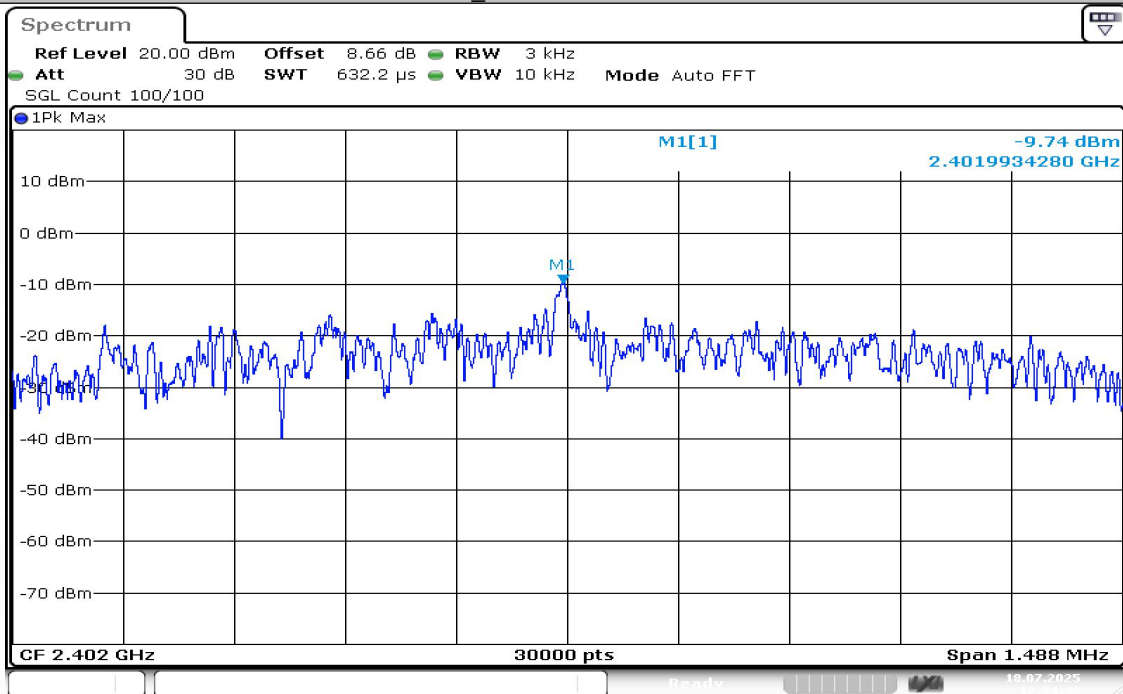
Date: 18.JUL.2025 12:31:53

### BLE\_1M-Ant1-2440-PASS



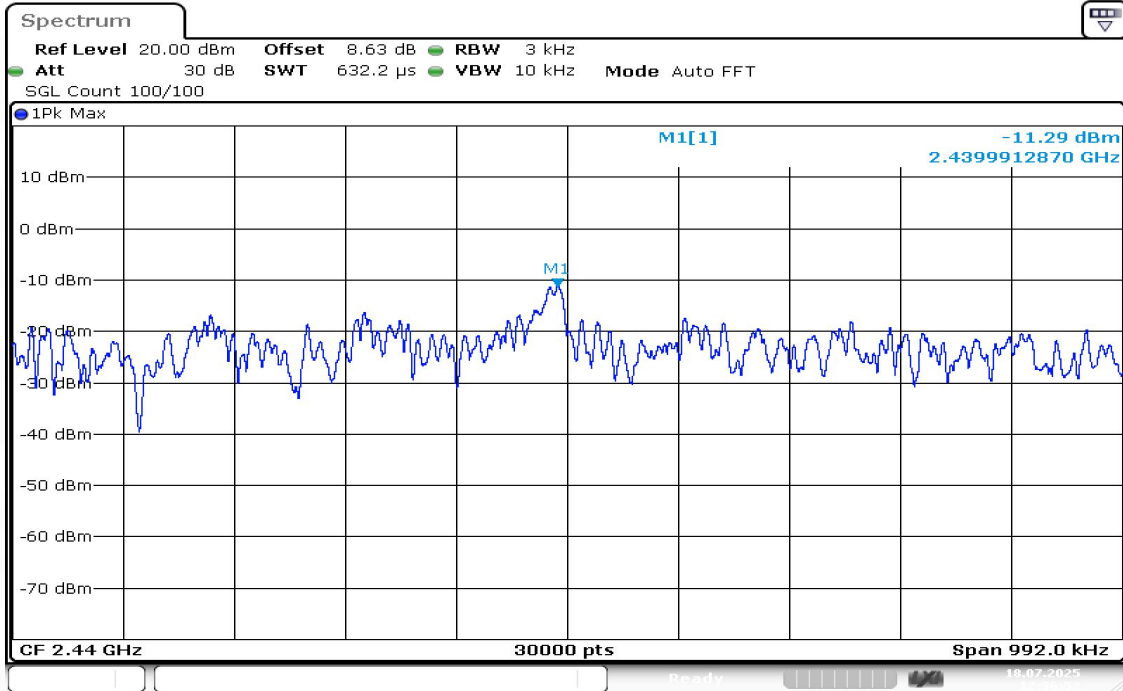
Date: 18.JUL.2025 12:33:05

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



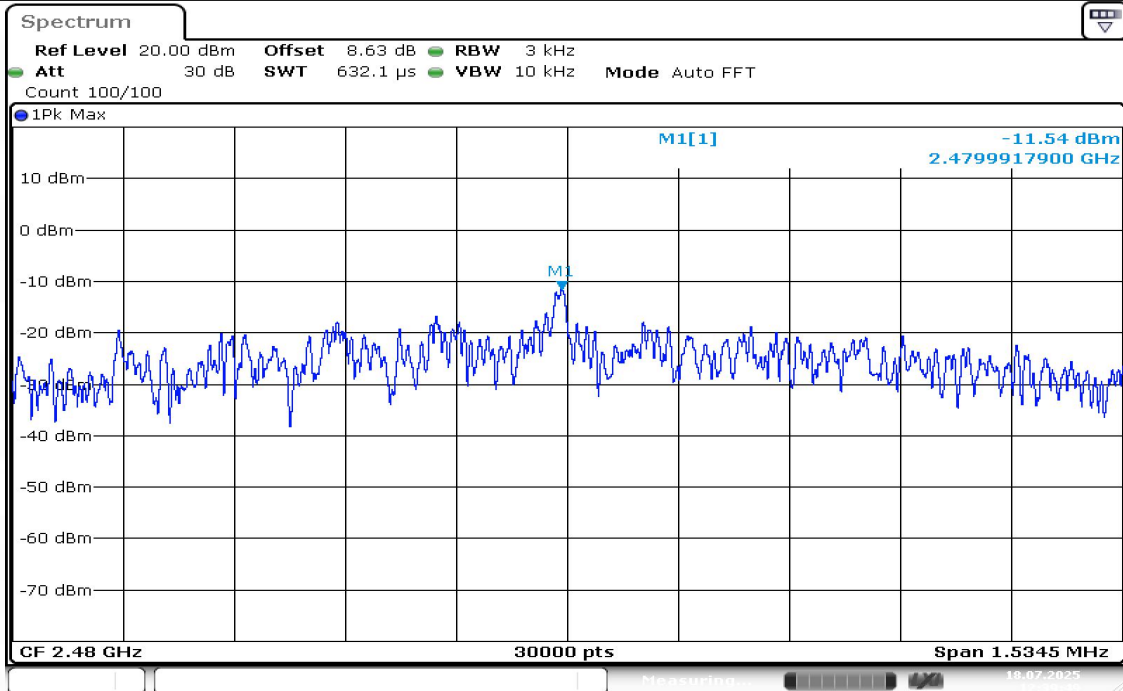
Date: 18.JUL.2025 12:34:40

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



Date: 18.JUL.2025 12:36:52

### BLE\_2M-Ant1-2440-PASS



Date: 18.JUL.2025 12:39:49

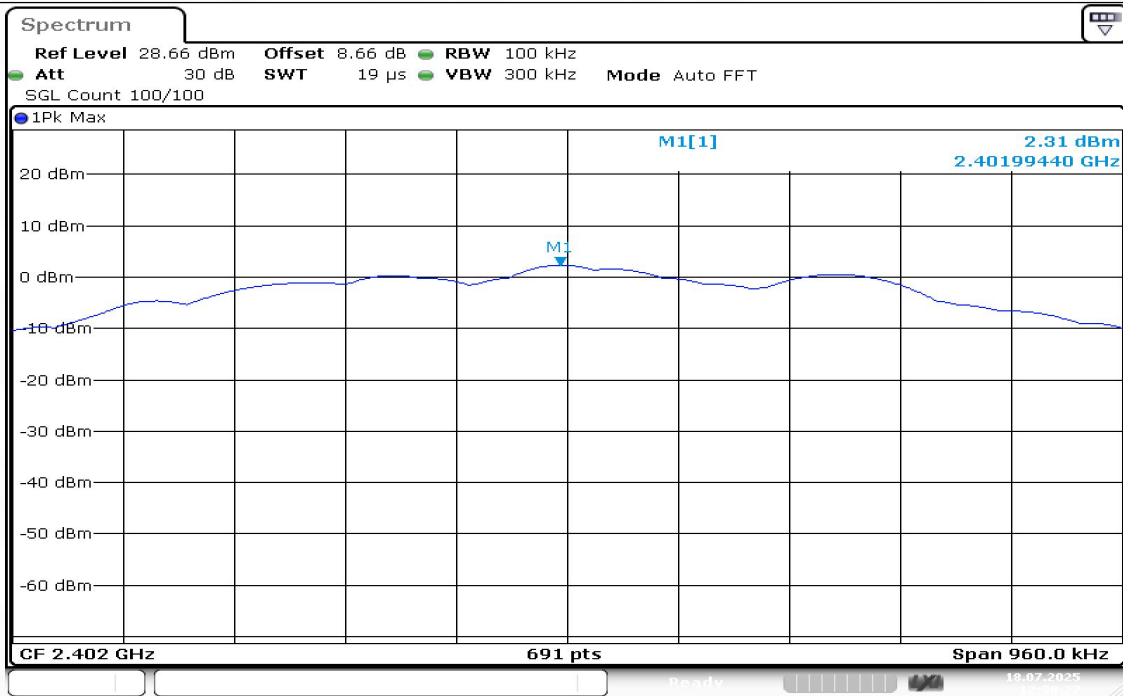
### BLE\_2M-Ant1-2480-PASS

## 1.5 Appendix E: Reference level measurement

### 1.5.1 Test Result

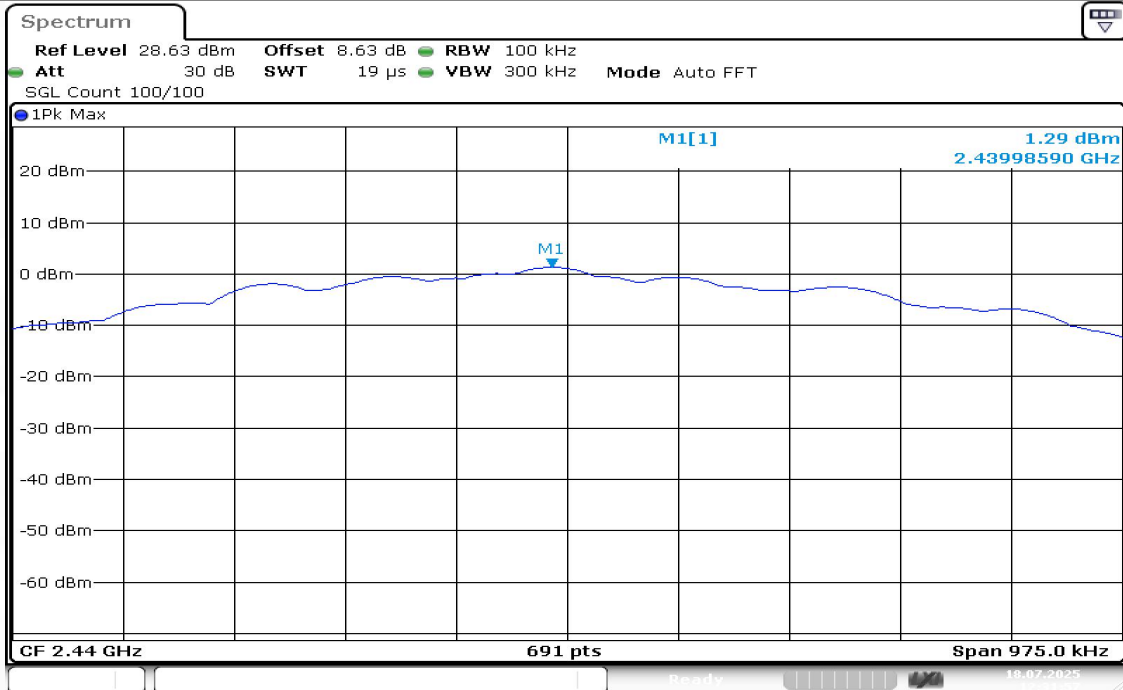
| TestMode | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|----------|---------|-----------|----------------|-------------|
| BLE_1M   | Ant1    | 2402      | 2401.99        | 2.31        |
| BLE_1M   | Ant1    | 2440      | 2439.99        | 1.29        |
| BLE_1M   | Ant1    | 2480      | 2479.92        | -0.93       |
| BLE_2M   | Ant1    | 2402      | 2401.99        | 2.33        |
| BLE_2M   | Ant1    | 2440      | 2439.98        | 1.35        |
| BLE_2M   | Ant1    | 2480      | 2479.99        | 0.59        |

## 1.5.2 Test Graphs



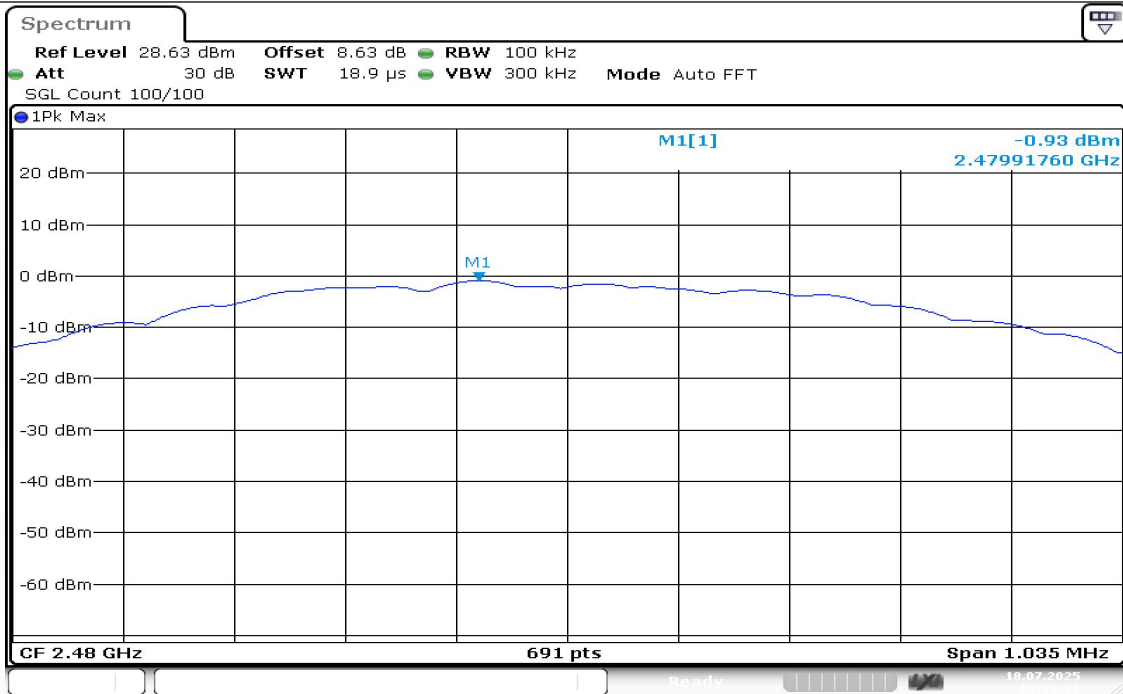
Date: 18.JUL.2025 12:30:27

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



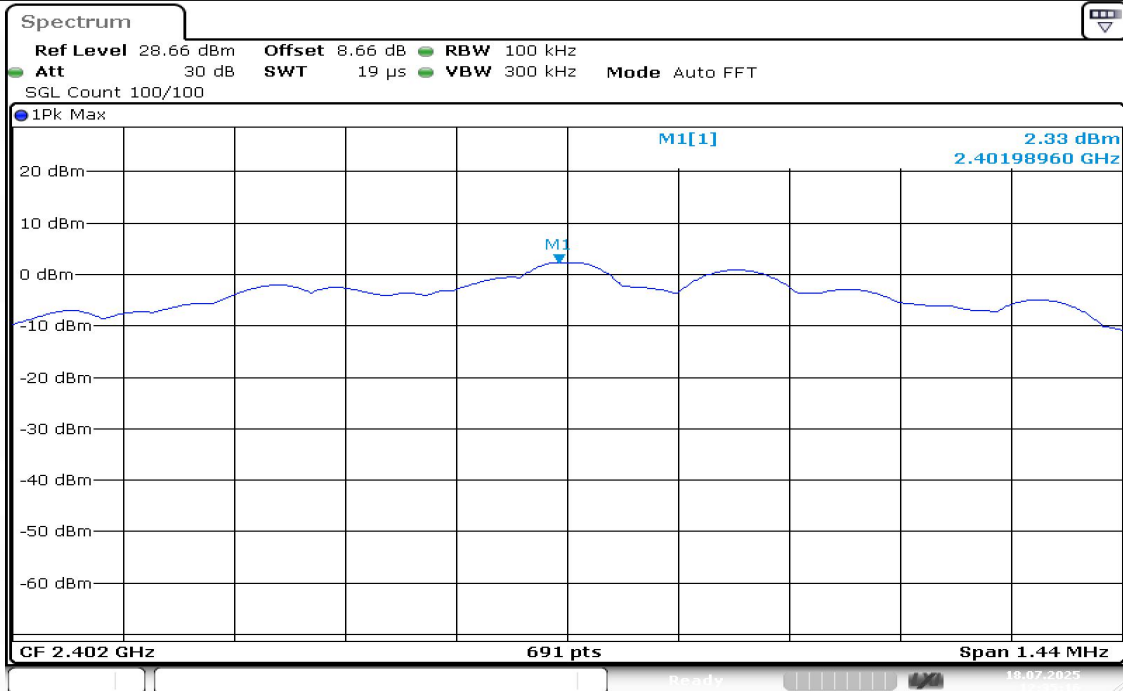
Date: 18.JUL.2025 12:31:57

### BLE\_1M-Ant1-2440-PASS



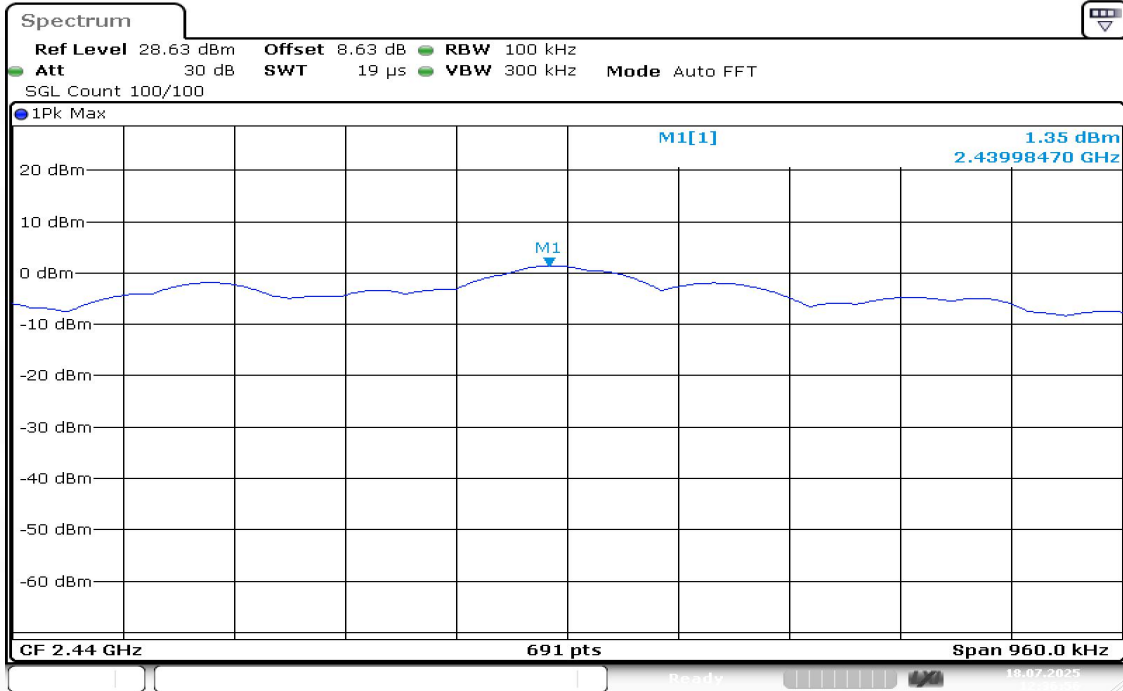
Date: 18.JUL.2025 12:33:32

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



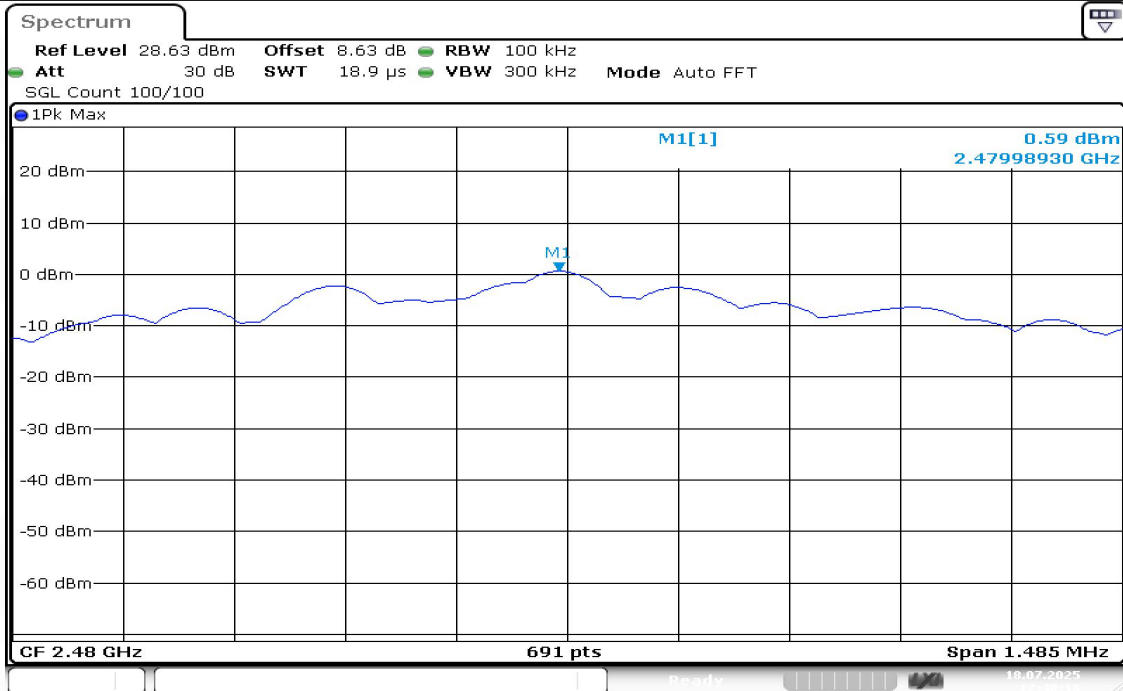
Date: 18.JUL.2025 12:35:17

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



Date: 18.JUL.2025 12:36:56

### BLE 2M-Ant1-2440-PASS



Date: 18.JUL.2025 12:40:19

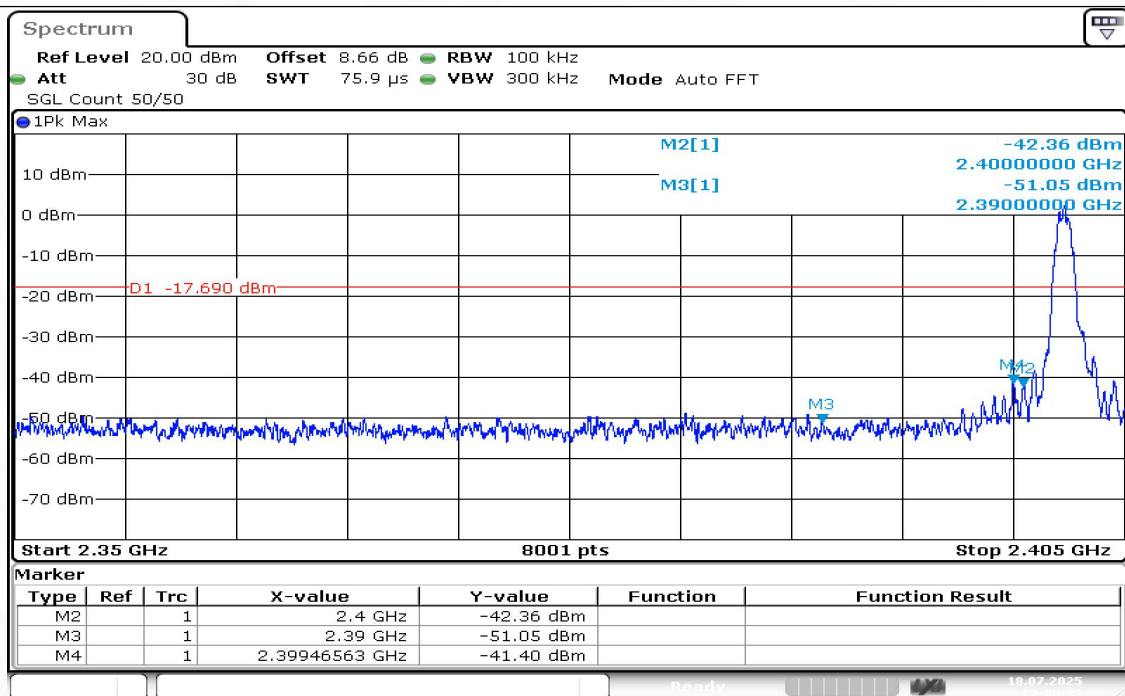
### BLE 2M-Ant1-2480-PASS

## 1.6 Appendix F: Band edge measurements

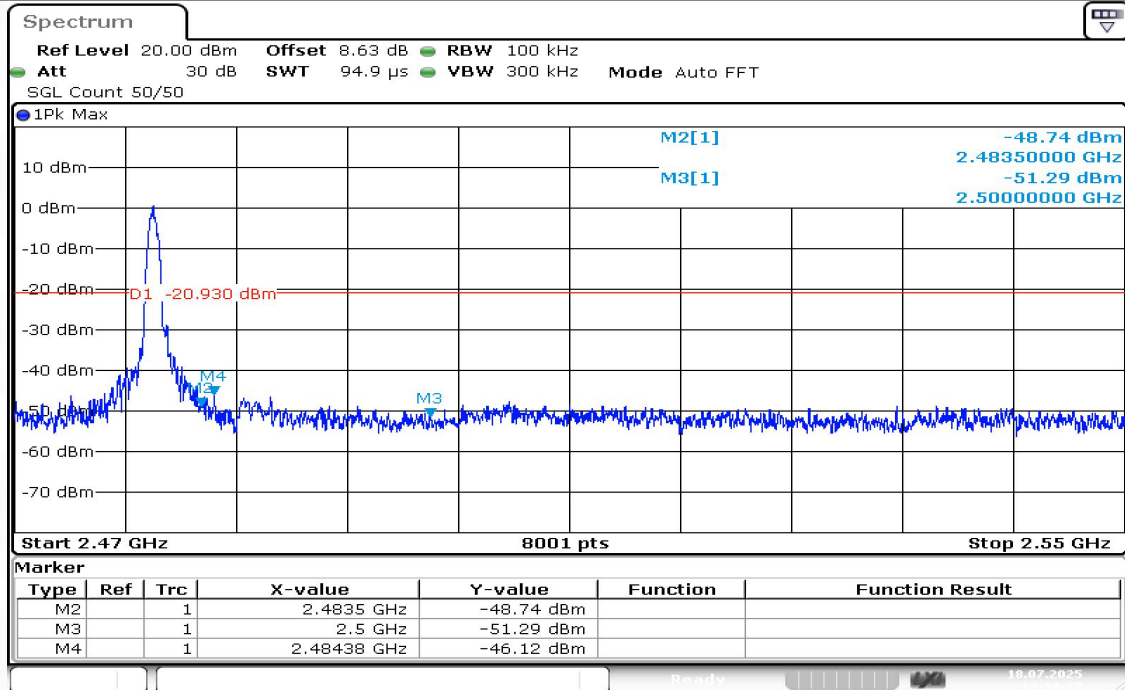
### 1.6.1 Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|----------------|---------------|-------------|---------------|---------|
| BLE_1M   | Ant1    | Low    | 2402           | 2.31          | -41.4       | $\leq -17.69$ | PASS    |
| BLE_1M   | Ant1    | High   | 2480           | -0.93         | -46.12      | $\leq -20.93$ | PASS    |
| BLE_2M   | Ant1    | Low    | 2402           | 2.33          | -36.33      | $\leq -17.67$ | PASS    |
| BLE_2M   | Ant1    | High   | 2480           | 0.59          | -46.78      | $\leq -19.41$ | PASS    |

## 1.6.2 Test Graphs



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



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