

## **FCC Appendix RF Test Data for 2.4GWIFI**

**FCC ID** : 2BXUR-IS-01

**Company** : Hengli Home Furnishing (Guangzhou) Co., Ltd.

**EUT** : Sleep Temperature Control System

**Model Number** : IS-01

**Report No.** : CTA26080400502

**Reviewed By** : Eric Wang

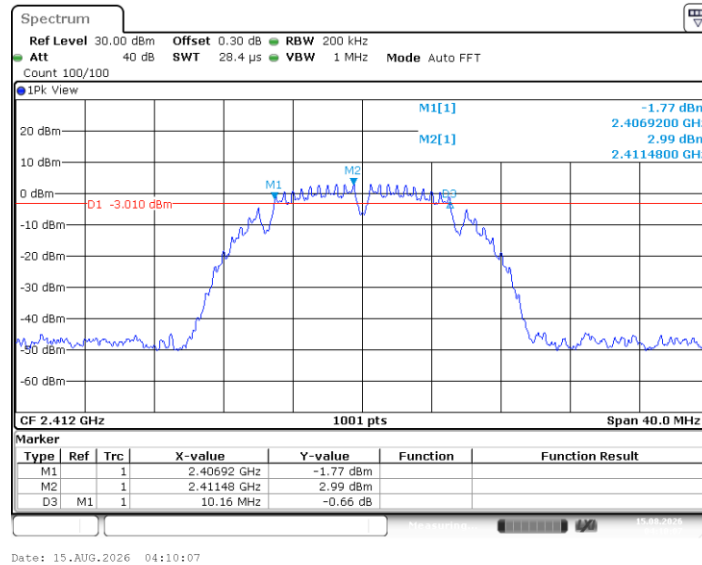
## Appendix A: DTS Bandwidth

### Test Result

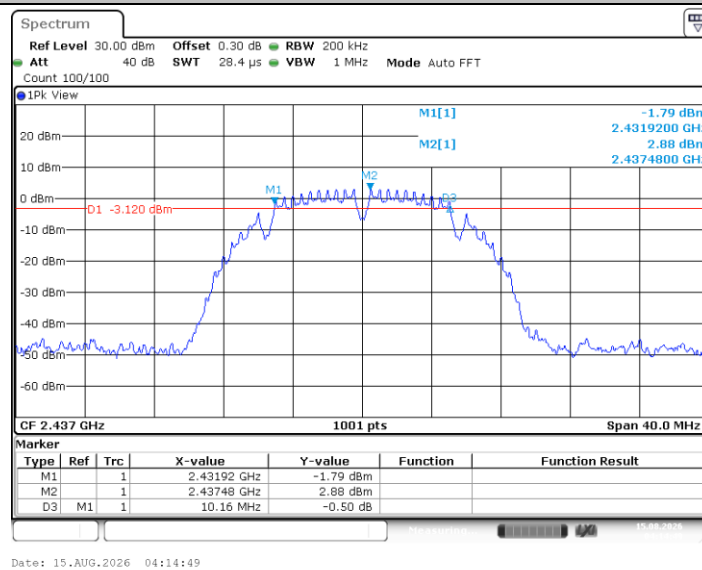
| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|---------|---------|------------|---------|
| 11B       | Ant1    | 2412           | 10.16        | 2406.92 | 2417.08 | 0.5        | PASS    |
|           |         | 2437           | 10.16        | 2431.92 | 2442.08 | 0.5        | PASS    |
|           |         | 2462           | 10.16        | 2456.92 | 2467.08 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 15.40        | 2404.40 | 2419.80 | 0.5        | PASS    |
|           |         | 2437           | 15.84        | 2429.08 | 2444.92 | 0.5        | PASS    |
|           |         | 2462           | 15.72        | 2454.04 | 2469.76 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 16.40        | 2403.96 | 2420.36 | 0.5        | PASS    |
|           |         | 2437           | 16.16        | 2429.40 | 2445.56 | 0.5        | PASS    |
|           |         | 2462           | 16.24        | 2454.08 | 2470.32 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422           | 35.76        | 2404.24 | 2440.00 | 0.5        | PASS    |
|           |         | 2437           | 35.60        | 2419.48 | 2455.08 | 0.5        | PASS    |
|           |         | 2452           | 35.36        | 2434.80 | 2470.16 | 0.5        | PASS    |

## Test Graphs

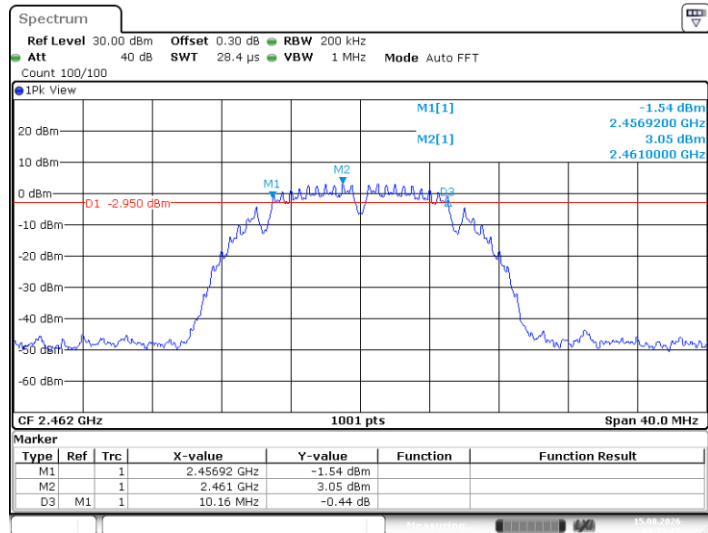
11B\_Ant1\_2412



11B\_Ant1\_2437

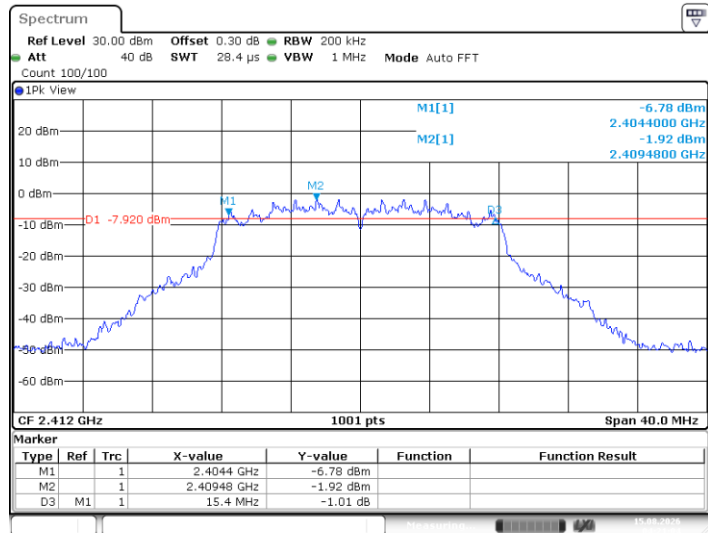


11B\_Ant1\_2462



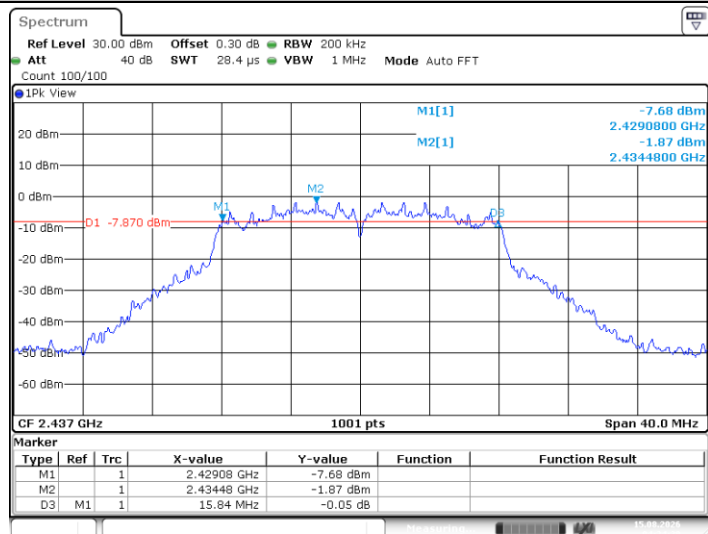
Date: 15.AUG.2026 04:17:22

### 11G\_Ant1\_2412



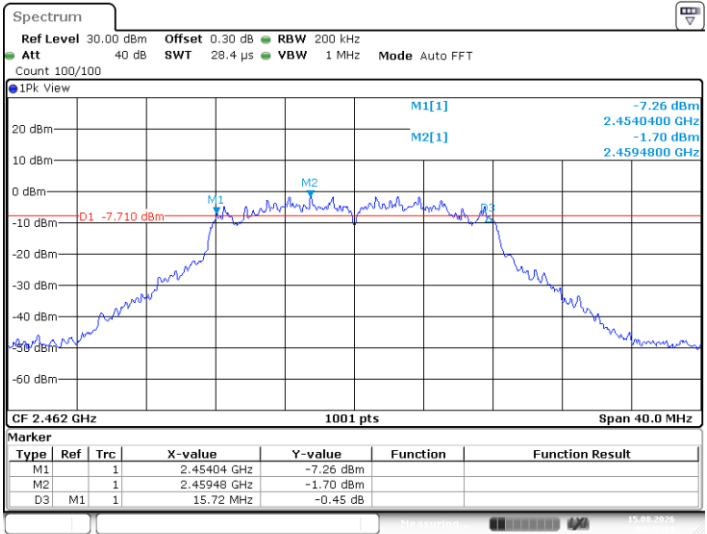
Date: 15.AUG.2026 04:21:04

### 11G\_Ant1\_2437



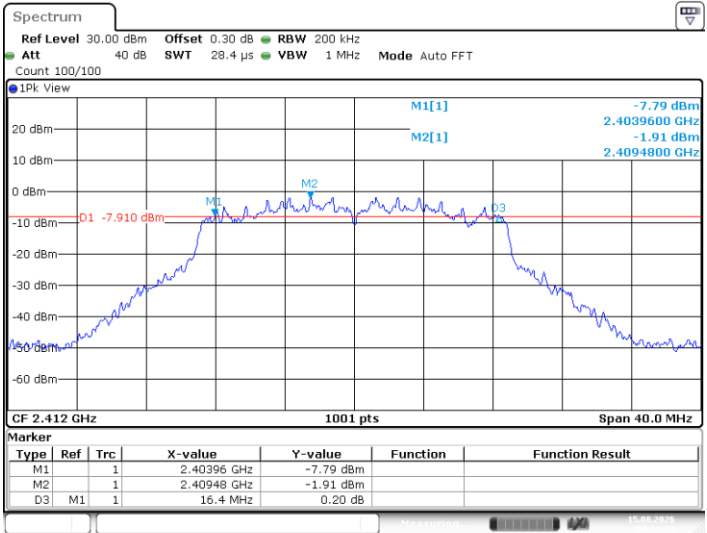
Date: 15.AUG.2026 04:24:31

11G\_Ant1\_2462



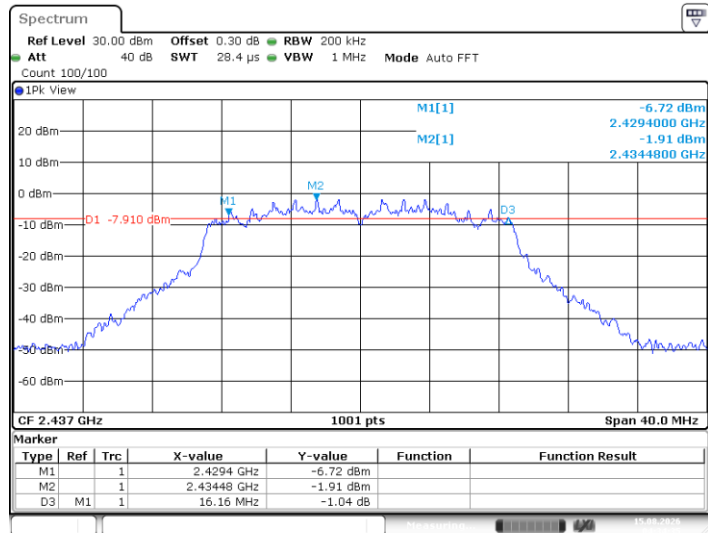
Date: 15.AUG.2026 04:27:18

11N20SISO\_Ant1\_2412



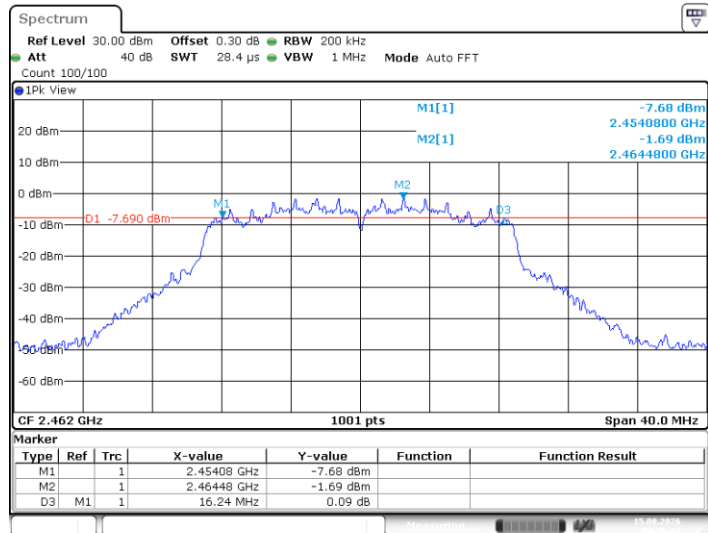
Date: 15.AUG.2026 04:30:52

11N20SISO\_Ant1\_2437



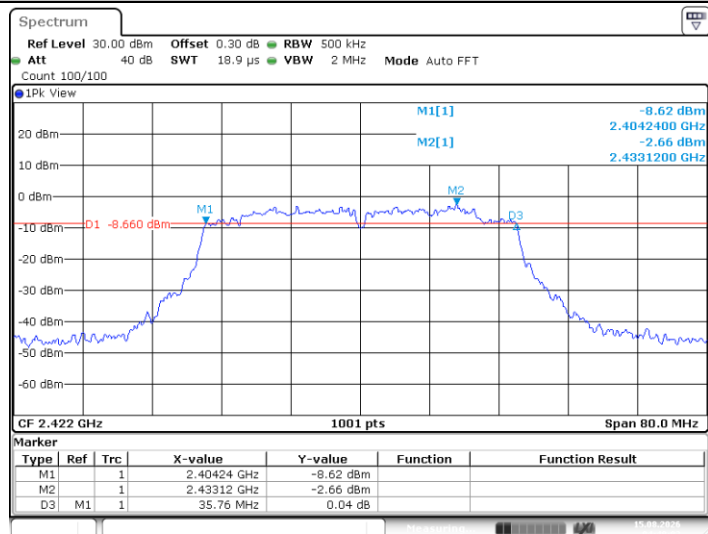
Date: 15.AUG.2026 04:34:34

### 11N20SISO\_Ant1\_2462



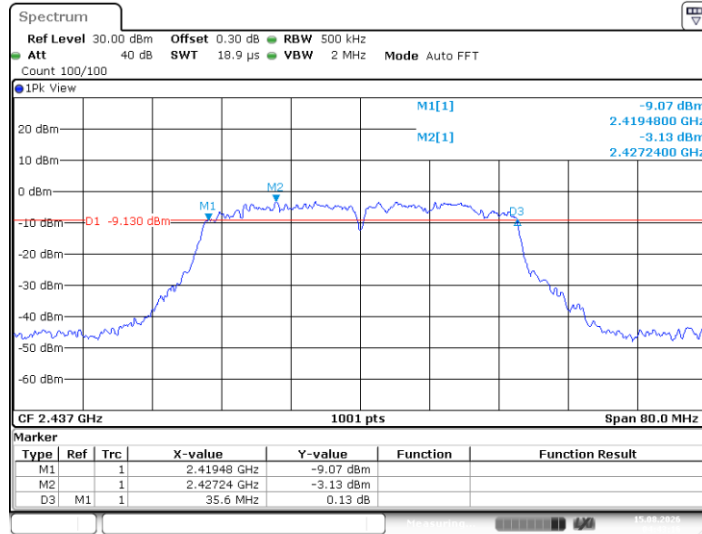
Date: 15.AUG.2026 04:36:41

### 11N40SISO\_Ant1\_2422



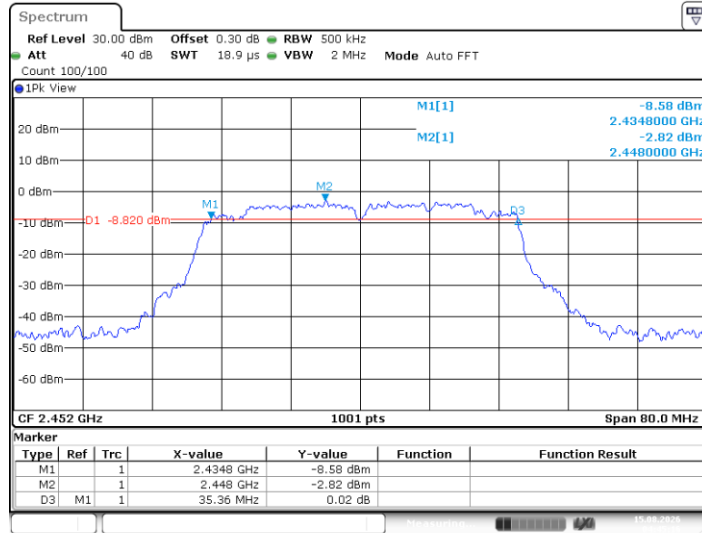
Date: 15.AUG.2026 04:40:02

# 11N40SISO\_Ant1\_2437



Date: 15.AUG.2026 04:43:16

# 11N40SISO\_Ant1\_2452



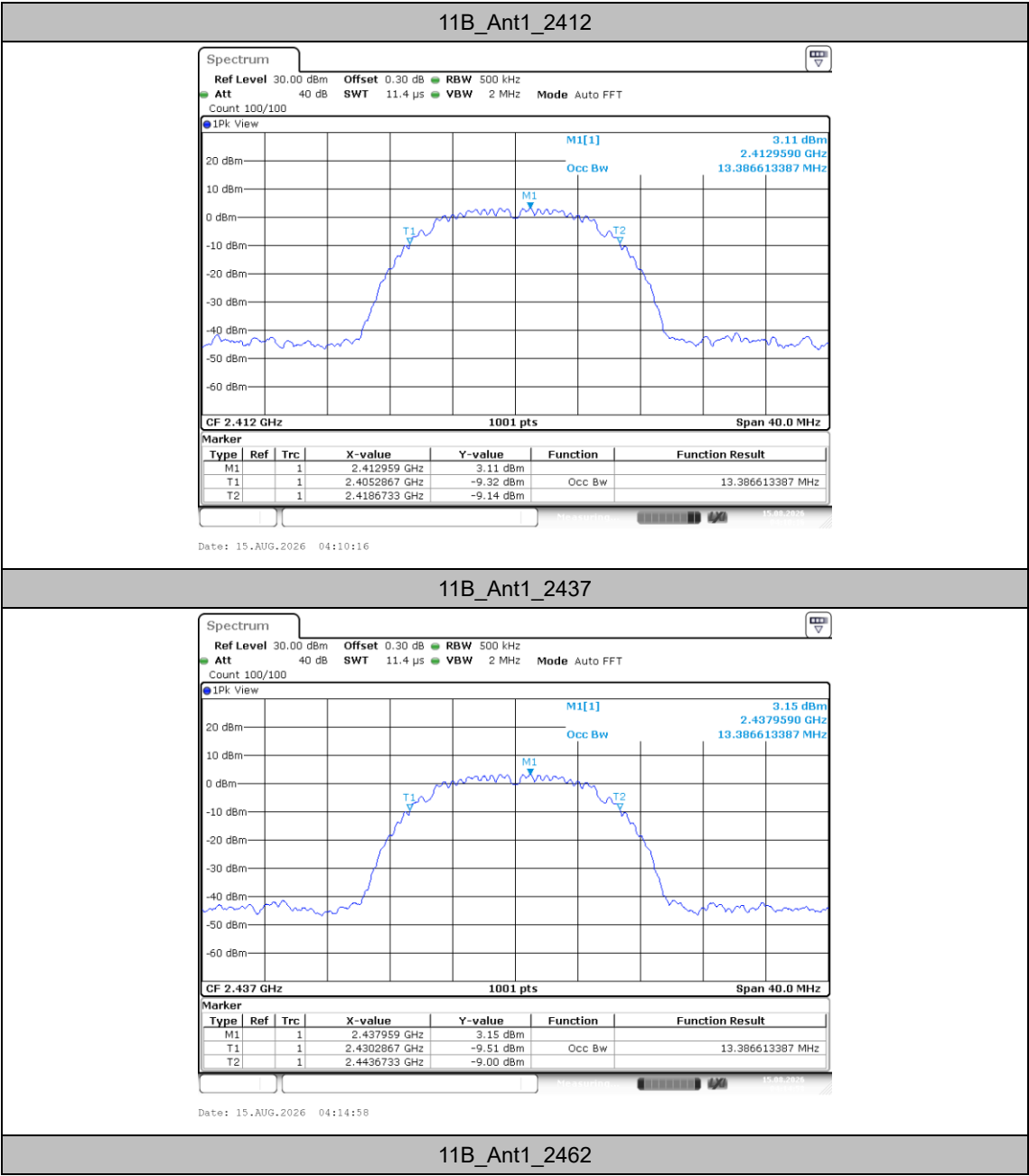
Date: 15.AUG.2026 04:45:16

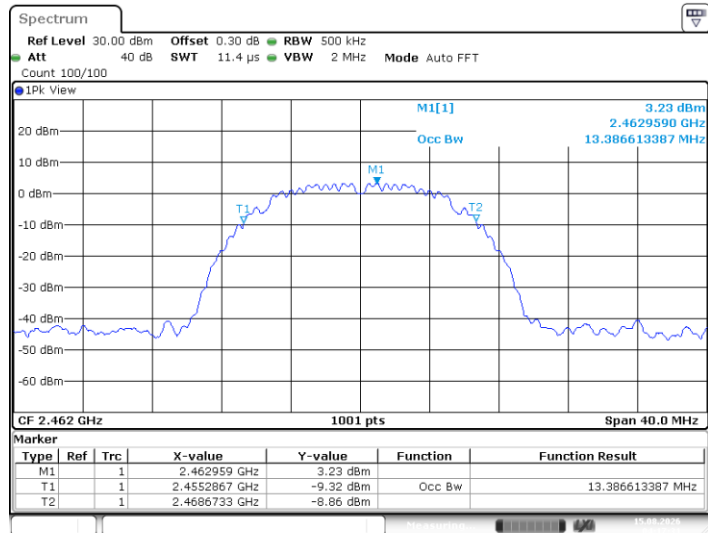
## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                   | 13.387    | 2405.2867 | 2418.6733 | ---        | ---     |
|           |         | 2437                   | 13.387    | 2430.2867 | 2443.6733 | ---        | ---     |
|           |         | 2462                   | 13.387    | 2455.2867 | 2468.6733 | ---        | ---     |
| 11G       | Ant1    | 2412                   | 16.783    | 2403.6883 | 2420.4715 | ---        | ---     |
|           |         | 2437                   | 16.943    | 2428.5285 | 2445.4715 | ---        | ---     |
|           |         | 2462                   | 17.063    | 2453.4086 | 2470.4715 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                   | 18.022    | 2402.9291 | 2420.9510 | ---        | ---     |
|           |         | 2437                   | 18.102    | 2427.9690 | 2446.0709 | ---        | ---     |
|           |         | 2462                   | 18.062    | 2453.0090 | 2471.0709 | ---        | ---     |
| 11N40SISO | Ant1    | 2422                   | 36.204    | 2403.8581 | 2440.0619 | ---        | ---     |
|           |         | 2437                   | 35.964    | 2419.1778 | 2455.1419 | ---        | ---     |
|           |         | 2452                   | 36.044    | 2434.0979 | 2470.1419 | ---        | ---     |

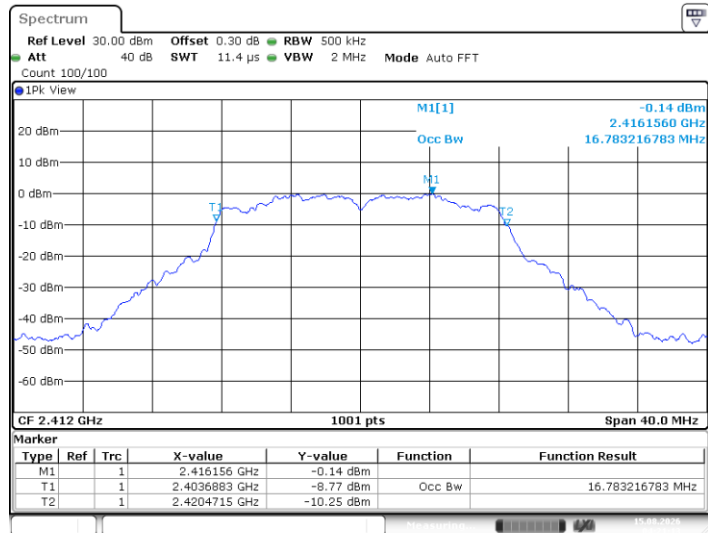
Test Graphs





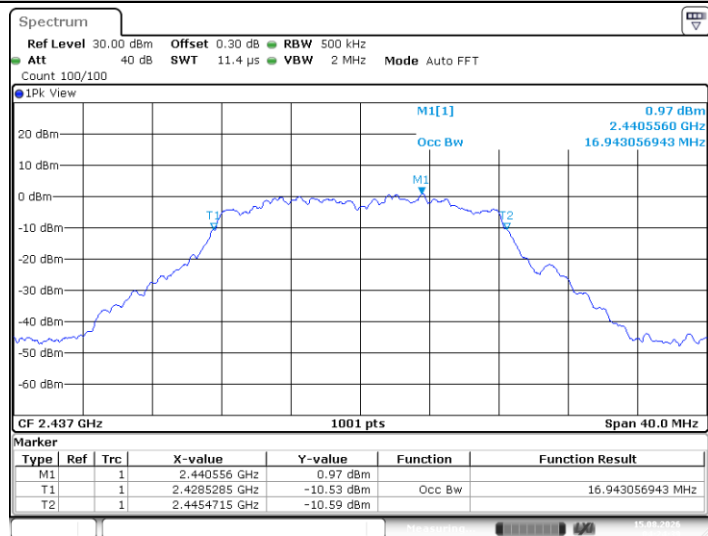
Date: 15.AUG.2026 04:17:31

### 11G\_Ant1\_2412



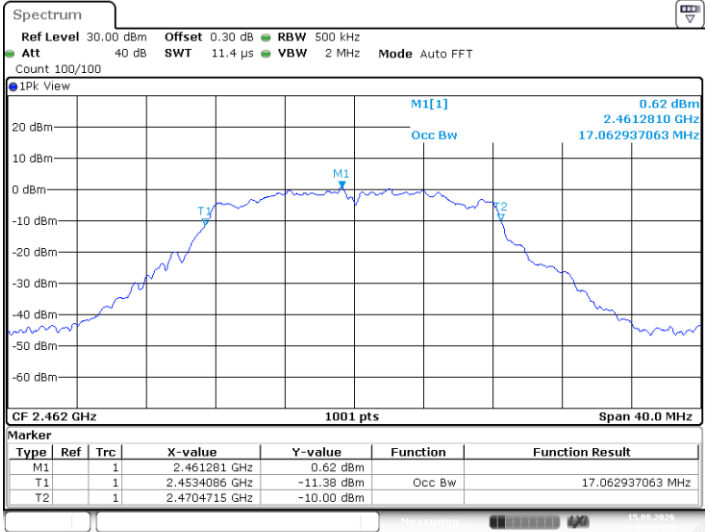
Date: 15.AUG.2026 04:21:13

### 11G\_Ant1\_2437

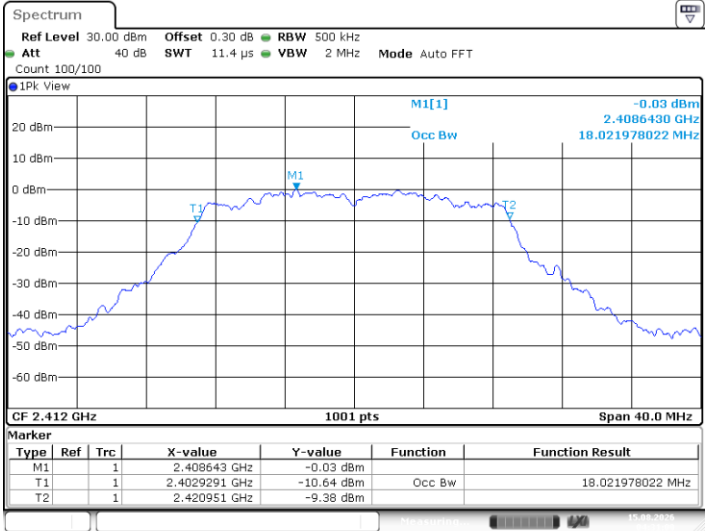


Date: 15.AUG.2026 04:24:39

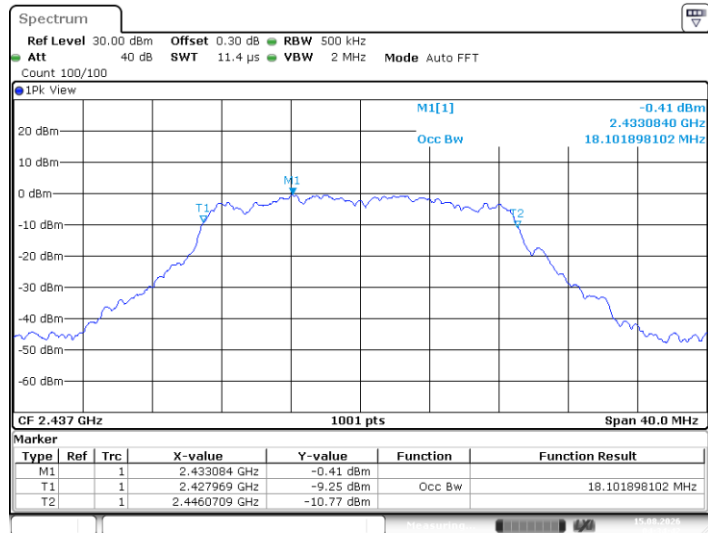
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

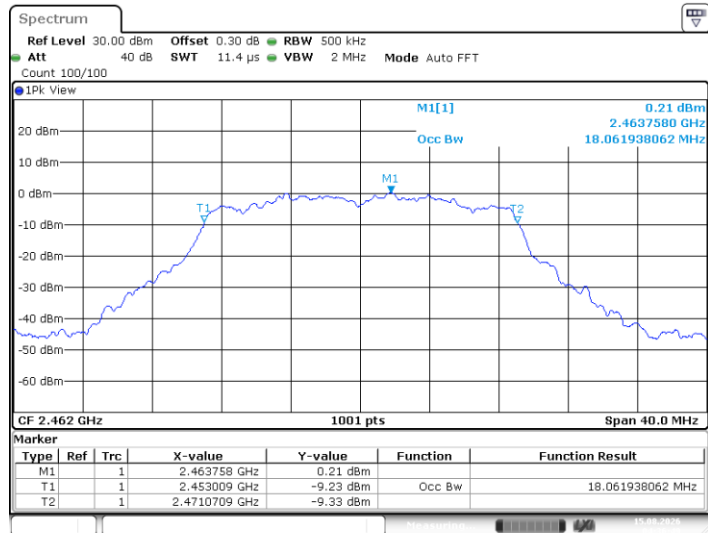


11N20SISO\_Ant1\_2437



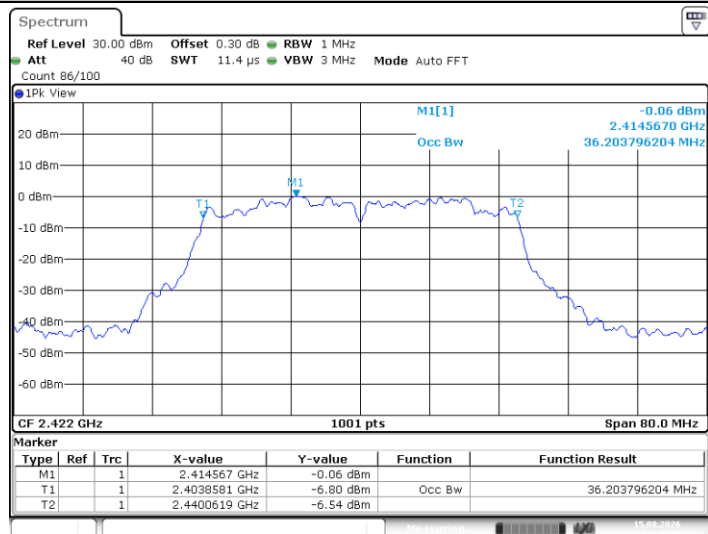
Date: 15.AUG.2026 04:34:42

### 11N20SISO\_Ant1\_2462



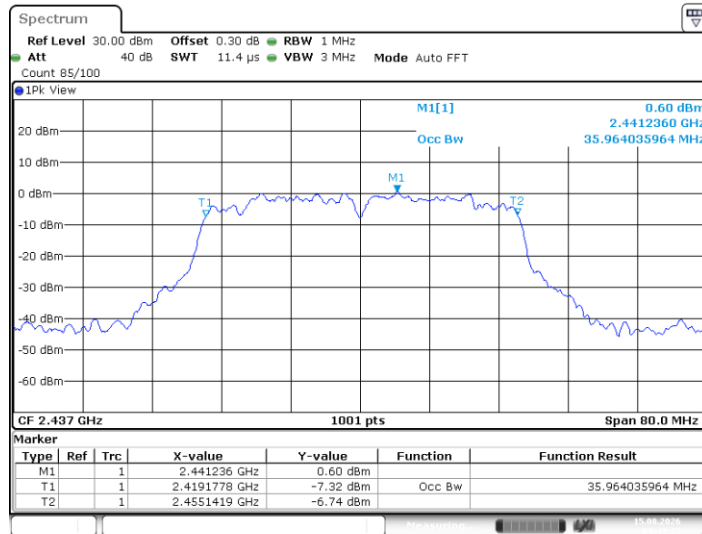
Date: 15.AUG.2026 04:36:49

### 11N40SISO\_Ant1\_2422



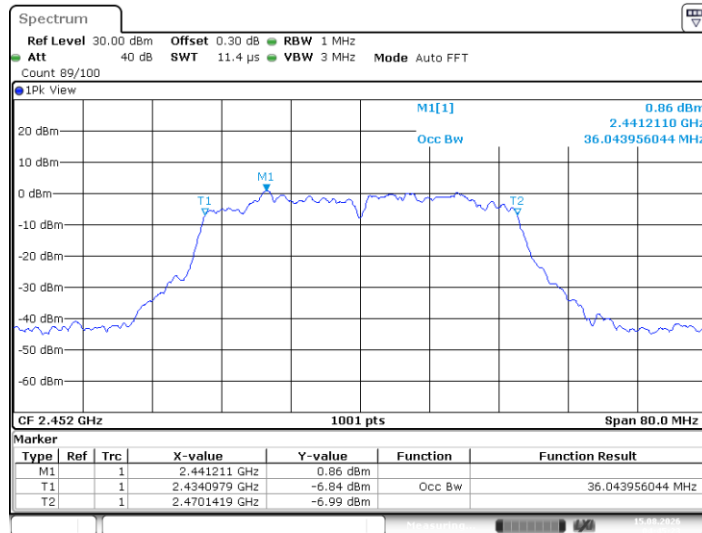
Date: 15.AUG.2026 04:40:10

# 11N40SISO\_Ant1\_2437



Date: 15.AUG.2026 04:43:24

# 11N40SISO\_Ant1\_2452



Date: 15.AUG.2026 04:45:23

## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|------------------|-------------|---------|
| 11B       | Ant1    | 2412           | 14.76            | ≤30.00      | PASS    |
|           |         | 2437           | 14.73            | ≤30.00      | PASS    |
|           |         | 2462           | 14.91            | ≤30.00      | PASS    |
| 11G       | Ant1    | 2412           | 13.76            | ≤30.00      | PASS    |
|           |         | 2437           | 13.81            | ≤30.00      | PASS    |
|           |         | 2462           | 13.97            | ≤30.00      | PASS    |
| 11N20SISO | Ant1    | 2412           | 13.55            | ≤30.00      | PASS    |
|           |         | 2437           | 13.63            | ≤30.00      | PASS    |
|           |         | 2462           | 13.75            | ≤30.00      | PASS    |
| 11N40SISO | Ant1    | 2422           | 14.00            | ≤30.00      | PASS    |
|           |         | 2437           | 14.16            | ≤30.00      | PASS    |
|           |         | 2452           | 14.11            | ≤30.00      | PASS    |

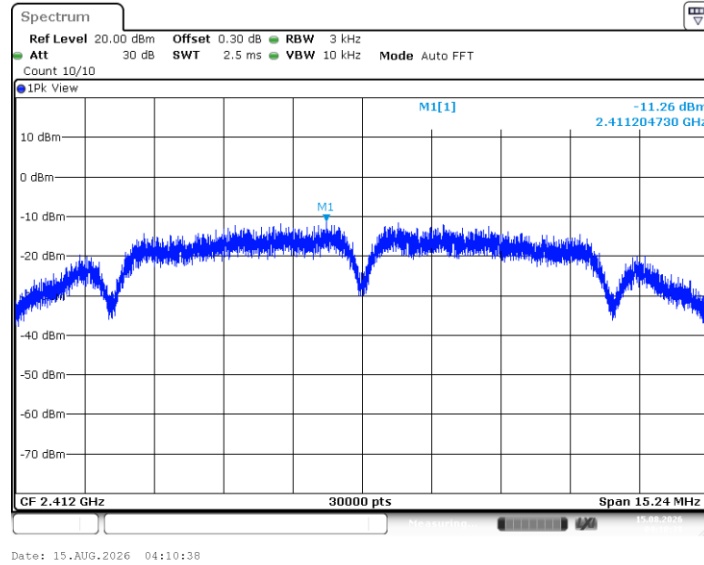
## Appendix D: Maximum power spectral density

### Test Result

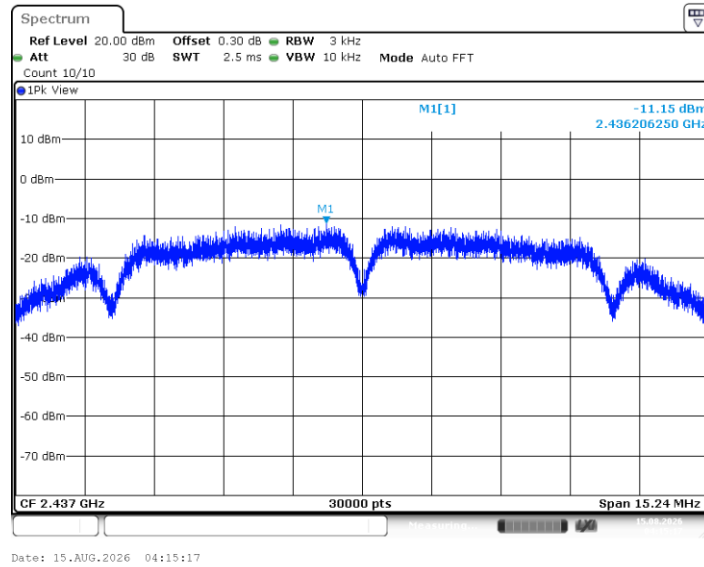
| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -11.26               | ≤8.00           | PASS    |
|           |         | 2437           | -11.15               | ≤8.00           | PASS    |
|           |         | 2462           | -11.25               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -17.06               | ≤8.00           | PASS    |
|           |         | 2437           | -17.84               | ≤8.00           | PASS    |
|           |         | 2462           | -17.68               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -17.60               | ≤8.00           | PASS    |
|           |         | 2437           | -17.93               | ≤8.00           | PASS    |
|           |         | 2462           | -16.65               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422           | -21.11               | ≤8.00           | PASS    |
|           |         | 2437           | -20.35               | ≤8.00           | PASS    |
|           |         | 2452           | -19.73               | ≤8.00           | PASS    |

## Test Graphs

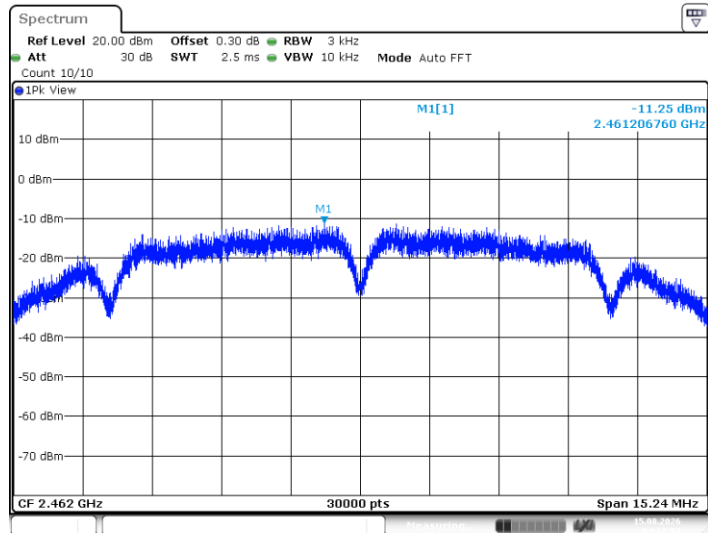
11B\_Ant1\_2412



11B\_Ant1\_2437

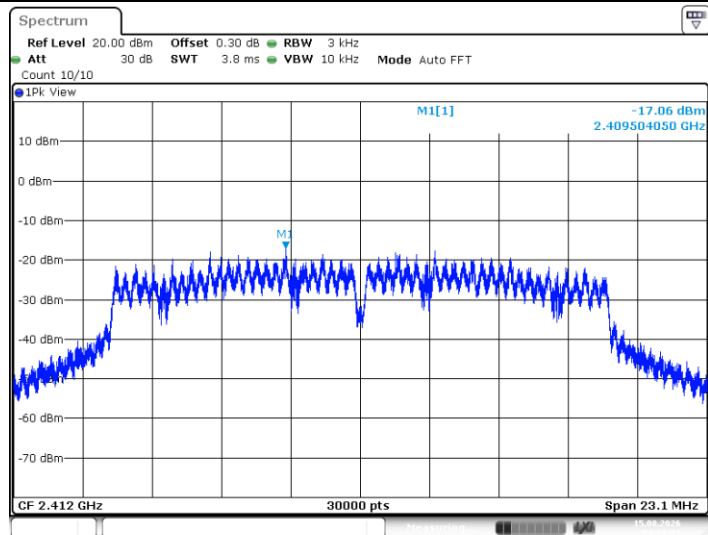


11B\_Ant1\_2462



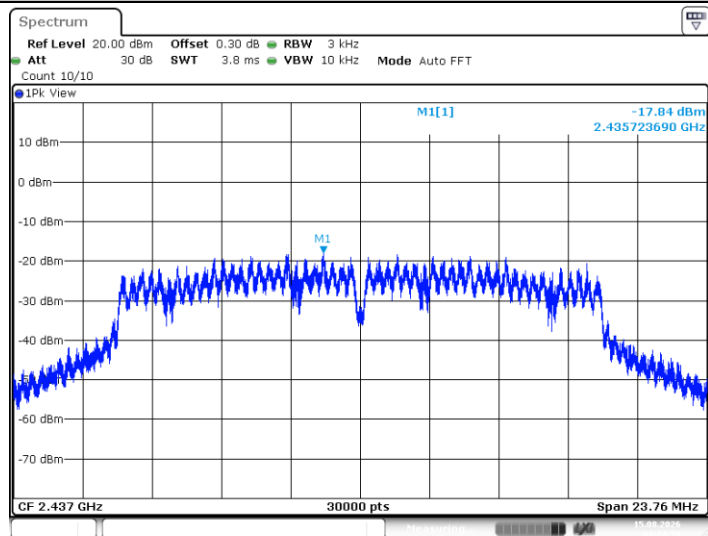
Date: 15.AUG.2026 04:17:51

### 11G\_Ant1\_2412



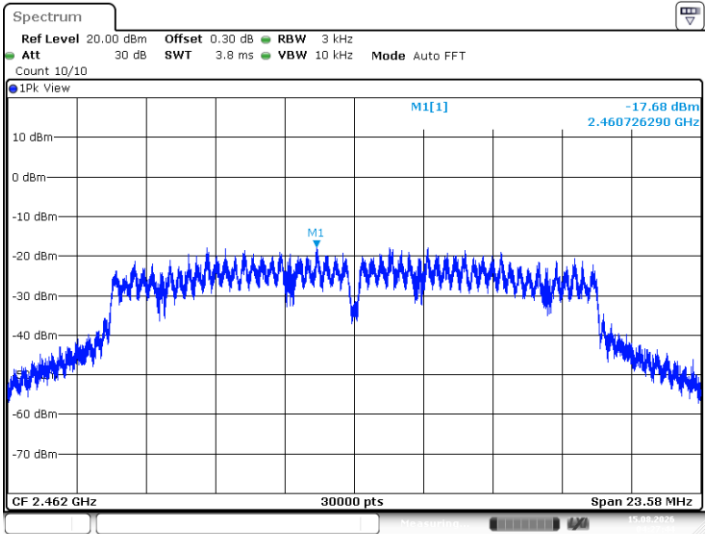
Date: 15.AUG.2026 04:21:31

### 11G\_Ant1\_2437

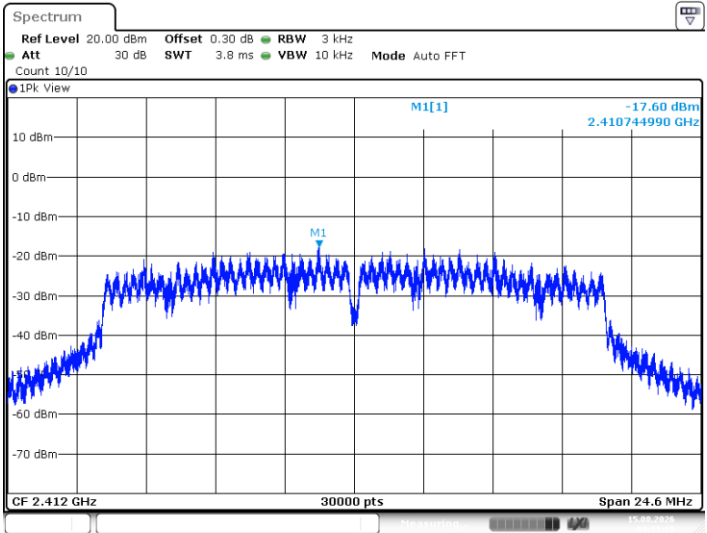


Date: 15.AUG.2026 04:24:58

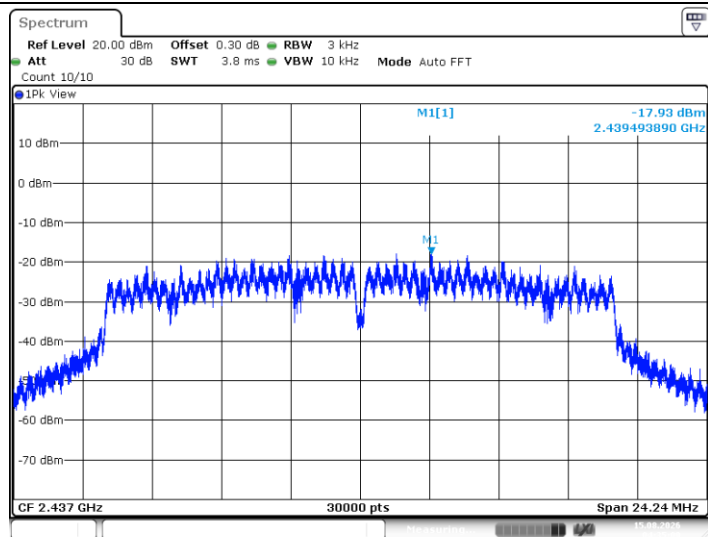
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412

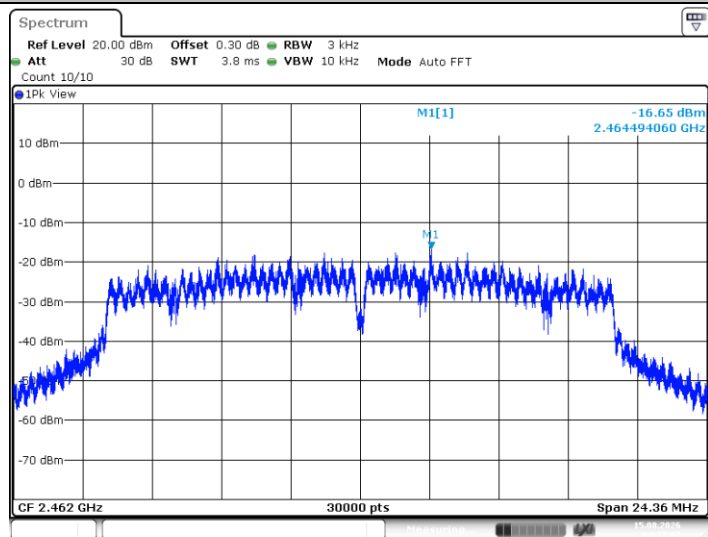


11N20SISO\_Ant1\_2437



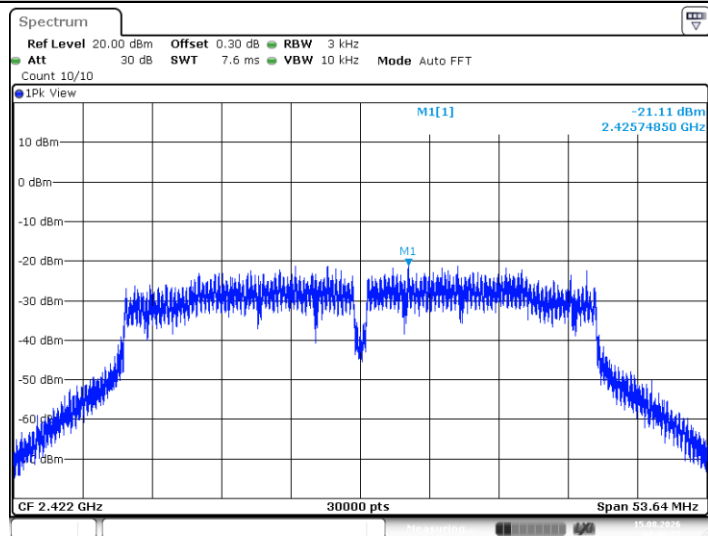
Date: 15.AUG.2026 04:35:00

### 11N20SISO\_Ant1\_2462



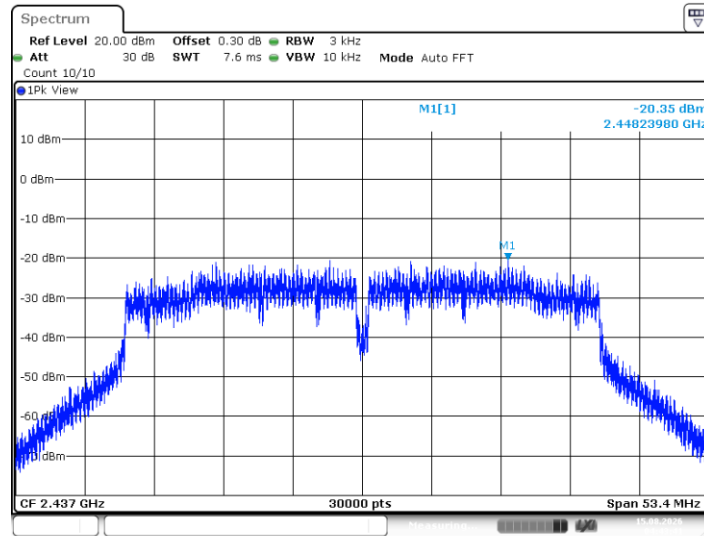
Date: 15.AUG.2026 04:37:07

### 11N40SISO\_Ant1\_2422



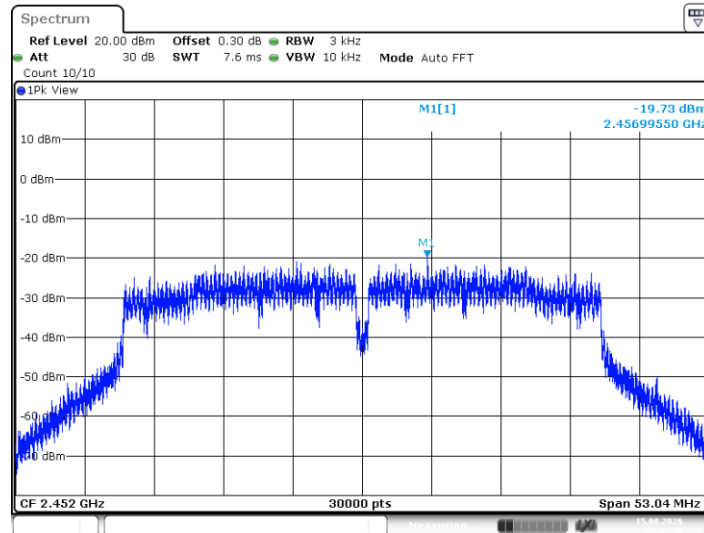
Date: 15.AUG.2026 04:40:27

# 11N40SISO\_Ant1\_2437



Date: 15.AUG.2026 04:43:41

# 11N40SISO\_Ant1\_2452



Date: 15.AUG.2026 04:45:40

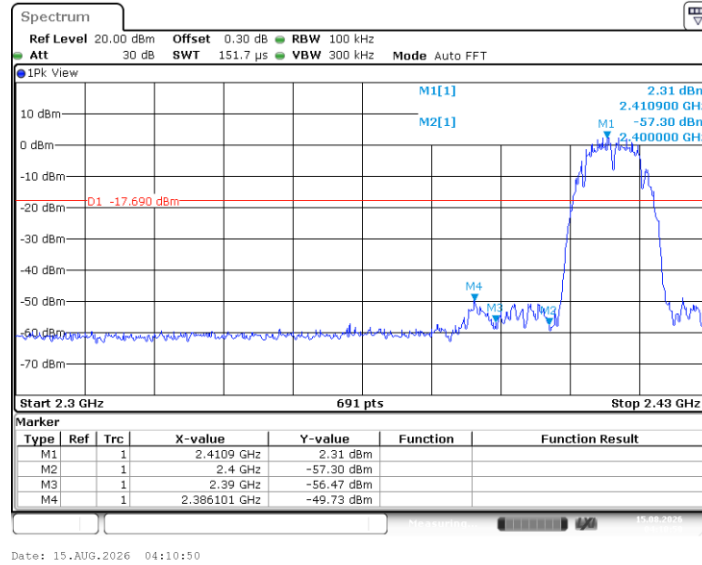
## Appendix E: Band edge measurements

### Test Result

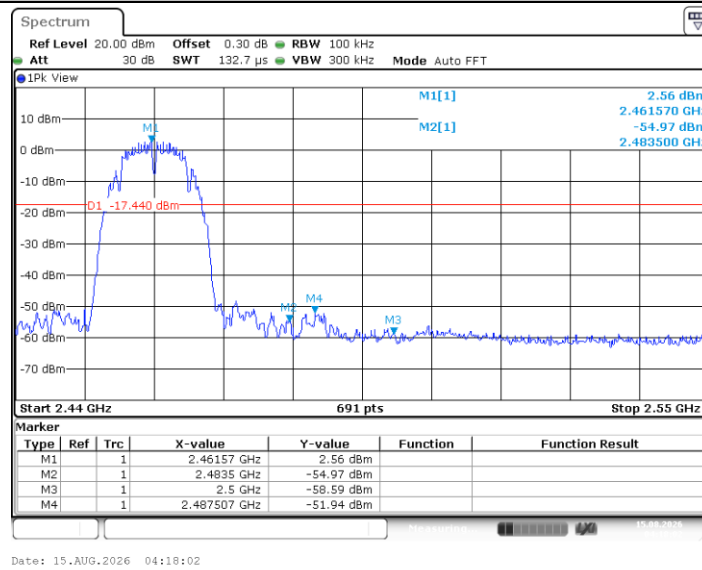
| TestMode  | Antenna | Channel Name | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------------|----------------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low          | 2412           | 2.31          | -49.73      | ≤-17.69    | PASS    |
|           |         | High         | 2462           | 2.56          | -51.94      | ≤-17.44    | PASS    |
| 11G       | Ant1    | Low          | 2412           | -3.01         | -34.87      | ≤-23.01    | PASS    |
|           |         | High         | 2462           | -2.57         | -57.06      | ≤-22.57    | PASS    |
| 11N20SISO | Ant1    | Low          | 2412           | -2.95         | -34.71      | ≤-22.95    | PASS    |
|           |         | High         | 2462           | -2.63         | -56.7       | ≤-22.63    | PASS    |
| 11N40SISO | Ant1    | Low          | 2422           | -5.79         | -35         | ≤-25.79    | PASS    |
|           |         | High         | 2452           | -5.61         | -56.57      | ≤-25.61    | PASS    |

## Test Graphs

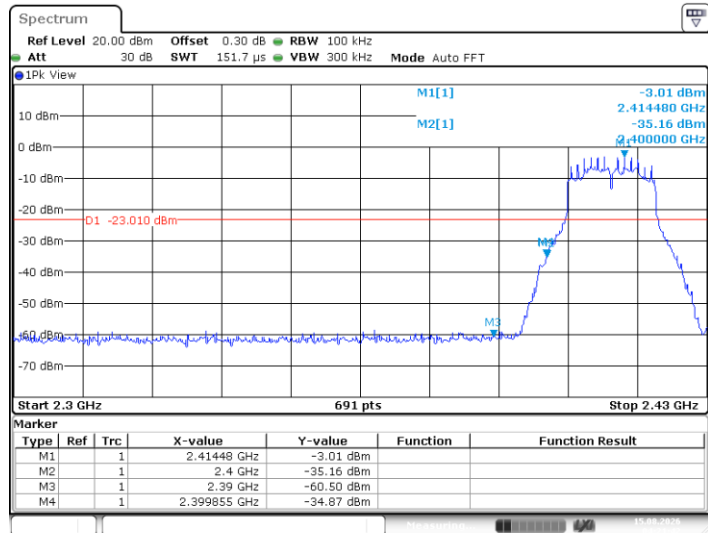
11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462

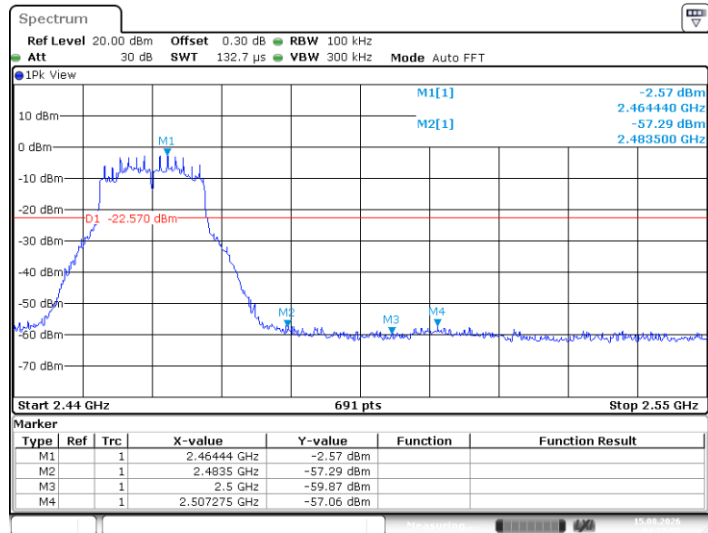


11G\_Ant1\_Low\_2412



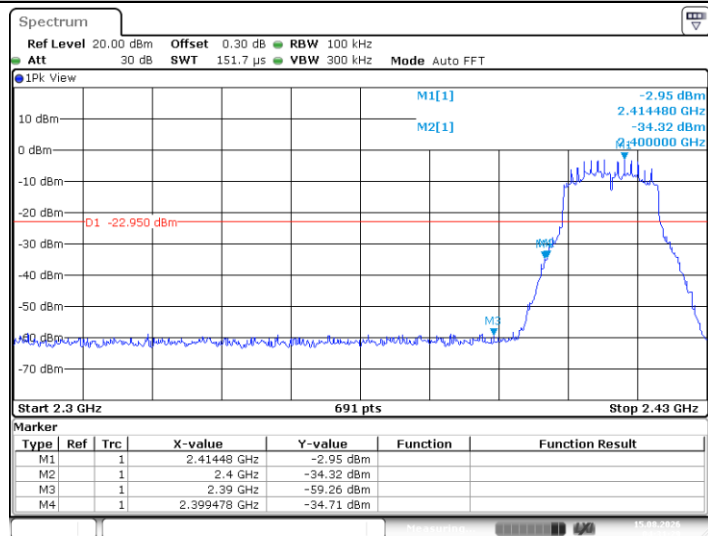
Date: 15.AUG.2026 04:21:42

### 11G\_Ant1\_High\_2462



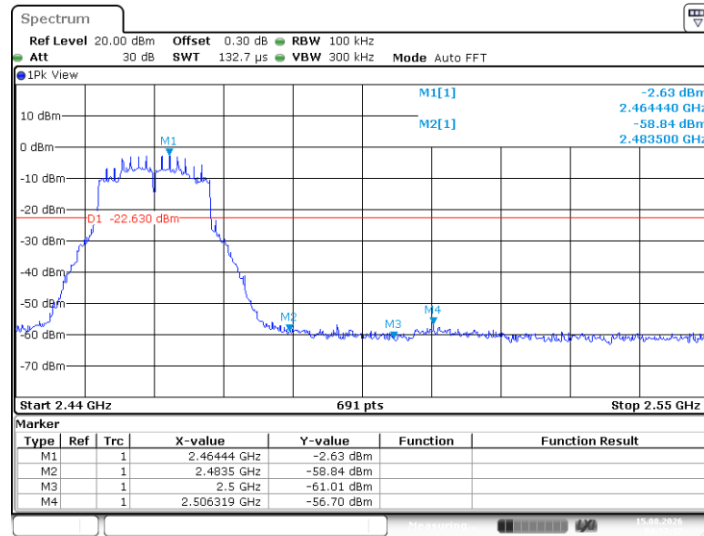
Date: 15.AUG.2026 04:27:55

### 11N20SISO\_Ant1\_Low\_2412



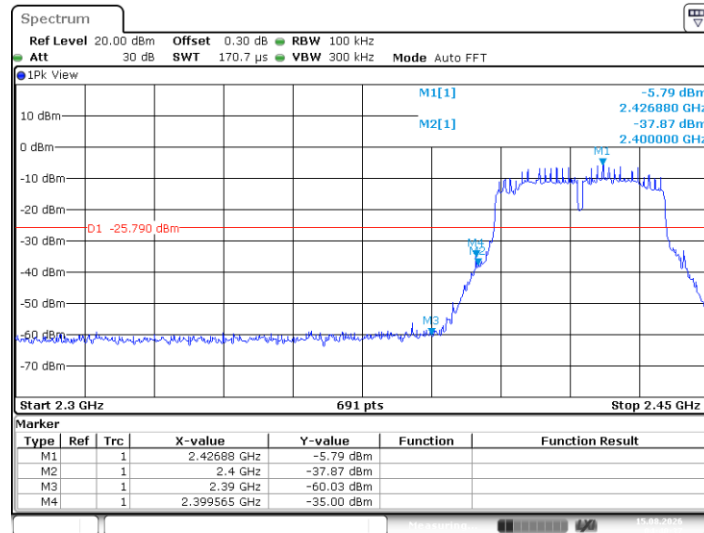
Date: 15.AUG.2026 04:31:29

# 11N20SISO\_Ant1\_High\_2462



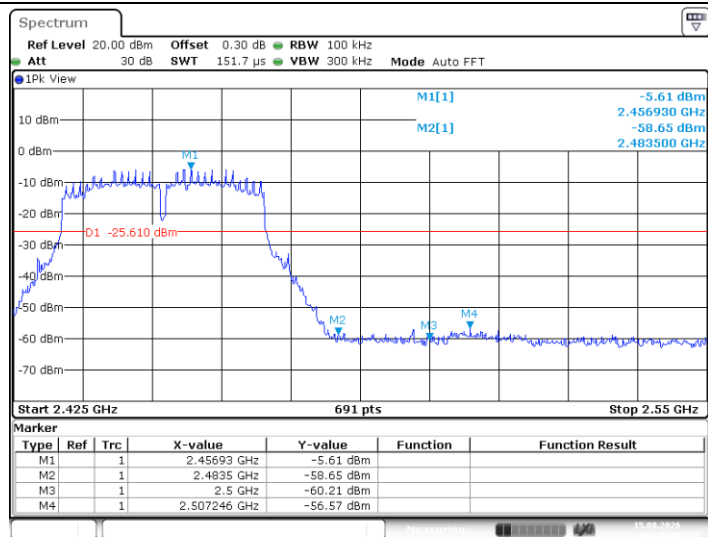
Date: 15.AUG.2026 04:37:17

# 11N40SISO\_Ant1\_Low\_2422



Date: 15.AUG.2026 04:40:37

# 11N40SISO\_Ant1\_High\_2452



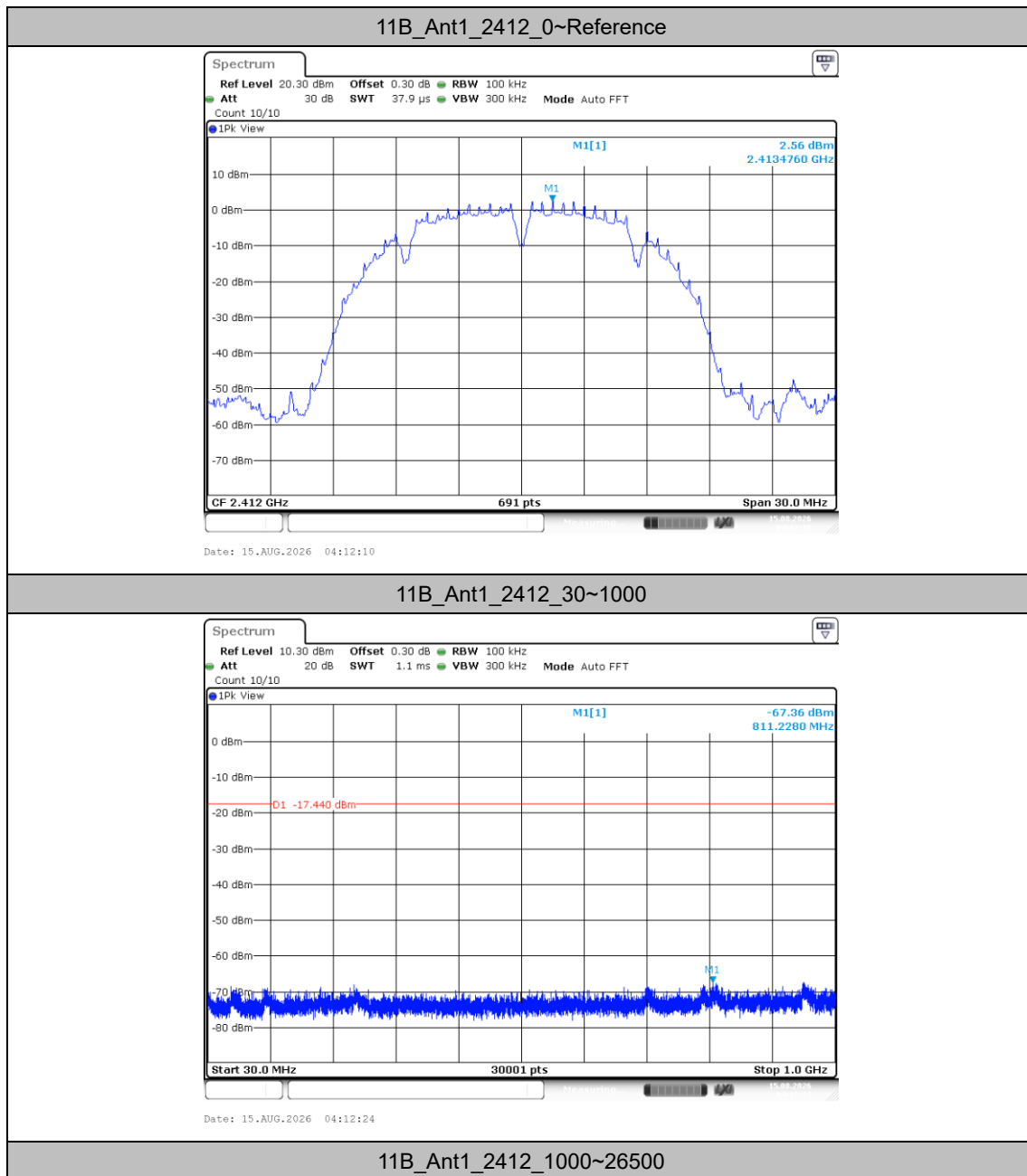
Date: 15.AUG.2026 04:45:50

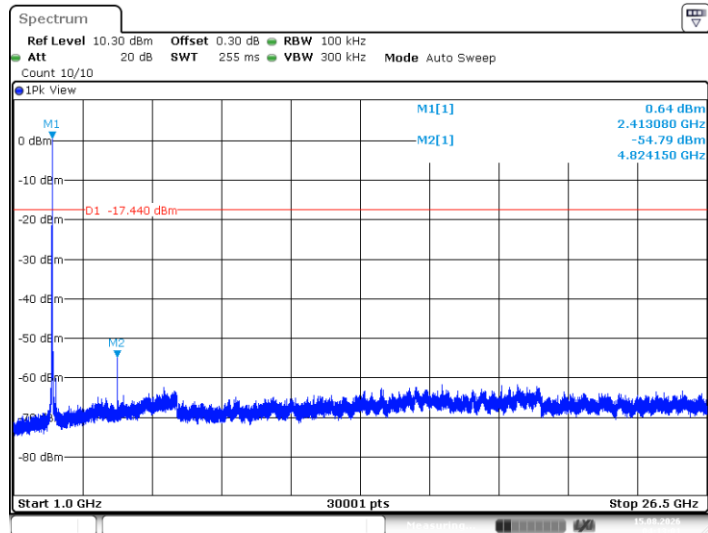
## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | Reference       | 2.56           | 2.56         | ---         | PASS    |
|           |         |                | 30~1000         | 2.56           | -67.36       | ≤-17.44     | PASS    |
|           |         |                | 1000~26500      | 2.56           | -54.79       | ≤-17.44     | PASS    |
|           |         | 2437           | Reference       | 2.61           | 2.61         | ---         | PASS    |
|           |         |                | 30~1000         | 2.61           | -65.48       | ≤-17.39     | PASS    |
|           |         |                | 1000~26500      | 2.61           | -55.26       | ≤-17.39     | PASS    |
|           |         | 2462           | Reference       | 2.71           | 2.71         | ---         | PASS    |
|           |         |                | 30~1000         | 2.71           | -66.7        | ≤-17.29     | PASS    |
|           |         |                | 1000~26500      | 2.71           | -57.77       | ≤-17.29     | PASS    |
| 11G       | Ant1    | 2412           | Reference       | -2.87          | -2.87        | ---         | PASS    |
|           |         |                | 30~1000         | -2.87          | -66.67       | ≤-22.87     | PASS    |
|           |         |                | 1000~26500      | -2.87          | -59.97       | ≤-22.87     | PASS    |
|           |         | 2437           | Reference       | -2.66          | -2.66        | ---         | PASS    |
|           |         |                | 30~1000         | -2.66          | -67.07       | ≤-22.66     | PASS    |
|           |         |                | 1000~26500      | -2.66          | -58.97       | ≤-22.66     | PASS    |
|           |         | 2462           | Reference       | -2.49          | -2.49        | ---         | PASS    |
|           |         |                | 30~1000         | -2.49          | -66.57       | ≤-22.49     | PASS    |
|           |         |                | 1000~26500      | -2.49          | -58.86       | ≤-22.49     | PASS    |
| 11N20SISO | Ant1    | 2412           | Reference       | -2.81          | -2.81        | ---         | PASS    |
|           |         |                | 30~1000         | -2.81          | -66.08       | ≤-22.81     | PASS    |
|           |         |                | 1000~26500      | -2.81          | -59.51       | ≤-22.81     | PASS    |
|           |         | 2437           | Reference       | -2.78          | -2.78        | ---         | PASS    |
|           |         |                | 30~1000         | -2.78          | -67.07       | ≤-22.78     | PASS    |
|           |         |                | 1000~26500      | -2.78          | -59.79       | ≤-22.78     | PASS    |
|           |         | 2462           | Reference       | -2.52          | -2.52        | ---         | PASS    |
|           |         |                | 30~1000         | -2.52          | -67.09       | ≤-22.52     | PASS    |
|           |         |                | 1000~26500      | -2.52          | -58.59       | ≤-22.52     | PASS    |
| 11N40SISO | Ant1    | 2422           | Reference       | -5.81          | -5.81        | ---         | PASS    |
|           |         |                | 30~1000         | -5.81          | -67.21       | ≤-25.81     | PASS    |
|           |         |                | 1000~26500      | -5.81          | -60.76       | ≤-25.81     | PASS    |
|           |         | 2437           | Reference       | -5.65          | -5.65        | ---         | PASS    |
|           |         |                | 30~1000         | -5.65          | -66.91       | ≤-25.65     | PASS    |
|           |         |                | 1000~26500      | -5.65          | -61.29       | ≤-25.65     | PASS    |
|           |         | 2452           | Reference       | -5.62          | -5.62        | ---         | PASS    |
|           |         |                | 30~1000         | -5.62          | -66.73       | ≤-25.62     | PASS    |
|           |         |                | 1000~26500      | -5.62          | -61.81       | ≤-25.62     | PASS    |

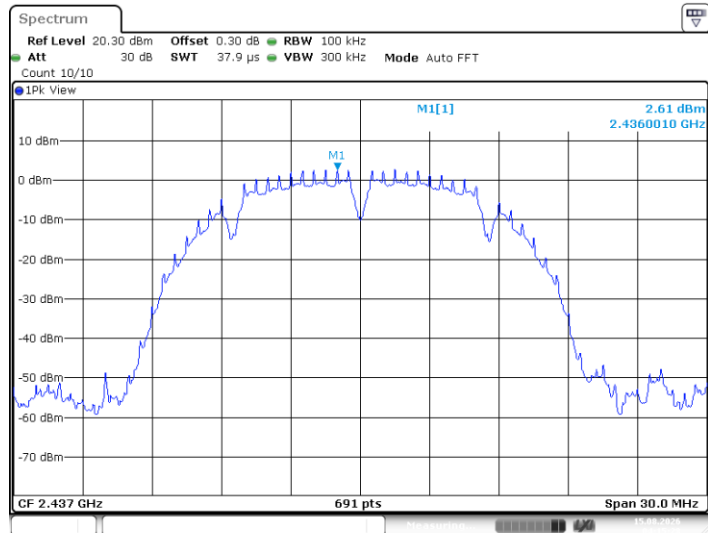
## Test Graphs





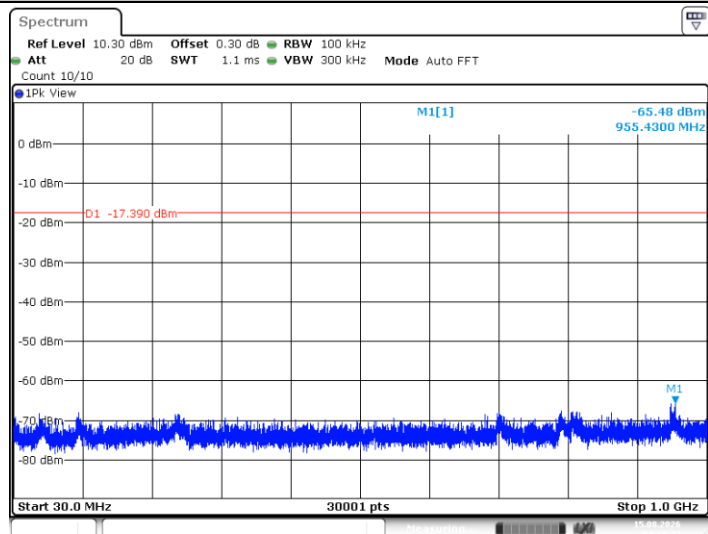
Date: 15.AUG.2026 04:13:02

### 11B\_Ant1\_2437\_0~Reference



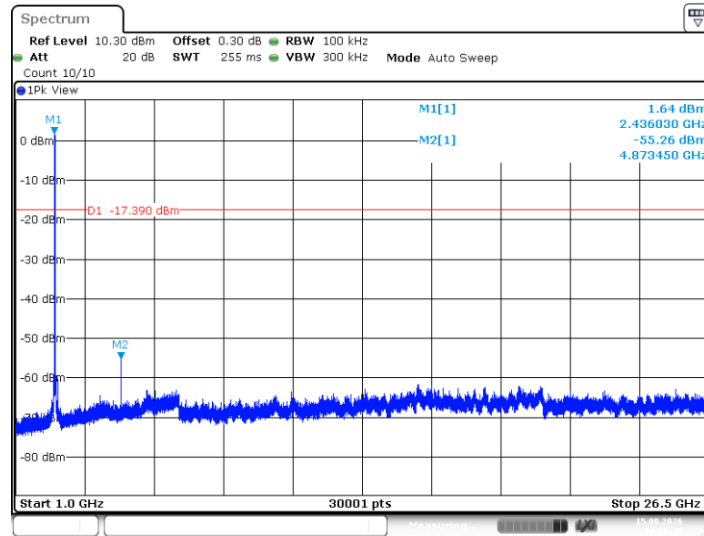
Date: 15.AUG.2026 04:15:27

### 11B\_Ant1\_2437\_30~1000



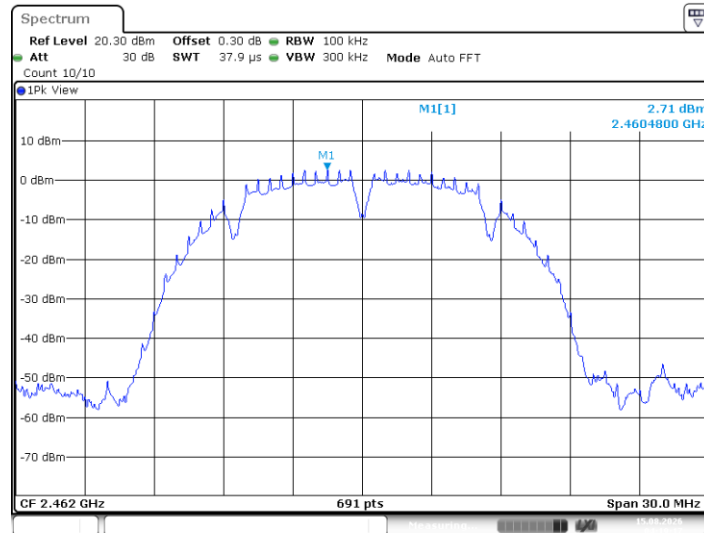
Date: 15.AUG.2026 04:15:42

# 11B\_Ant1\_2437\_1000~26500



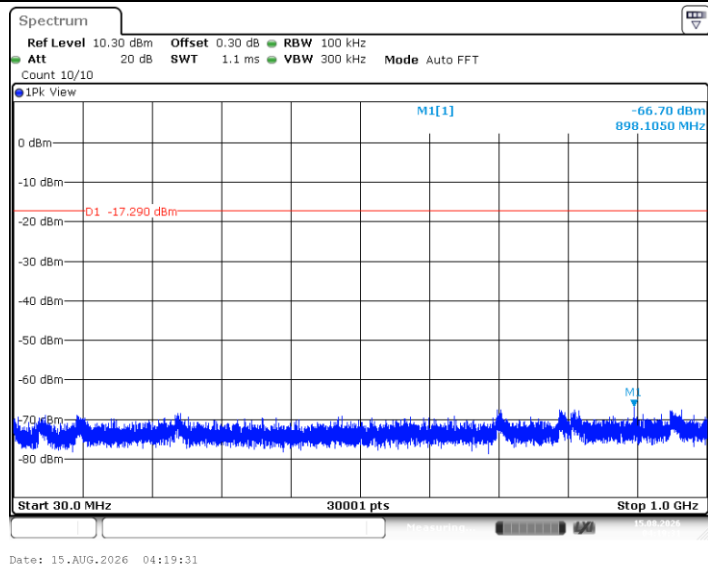
Date: 15.AUG.2026 04:16:19

# 11B\_Ant1\_2462\_0~Reference

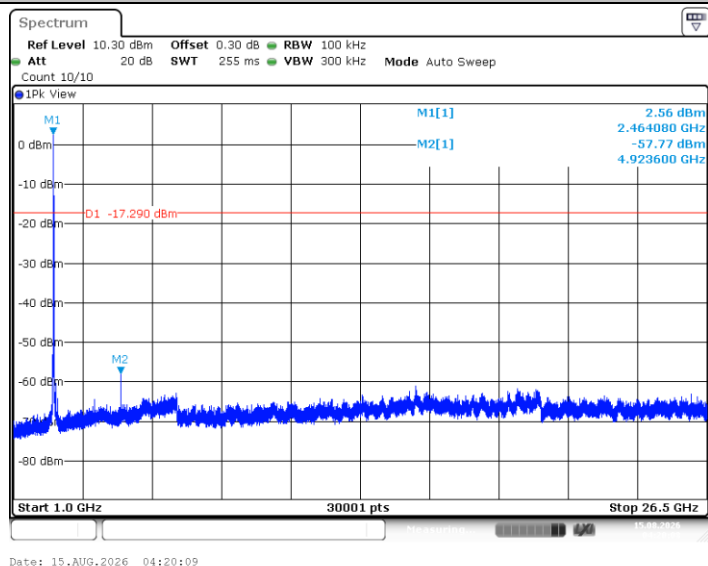


Date: 15.AUG.2026 04:19:17

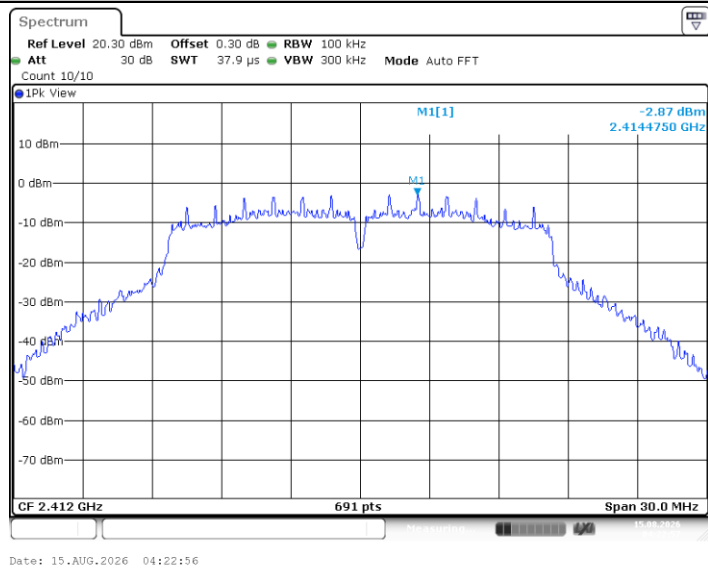
# 11B\_Ant1\_2462\_30~1000



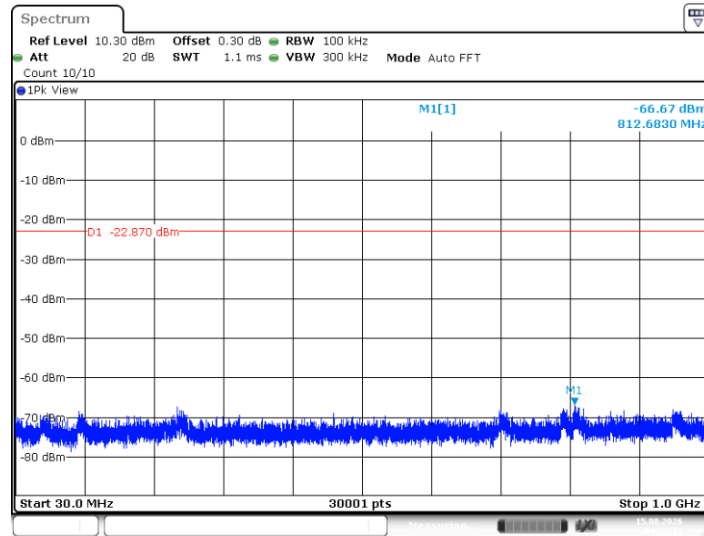
11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference

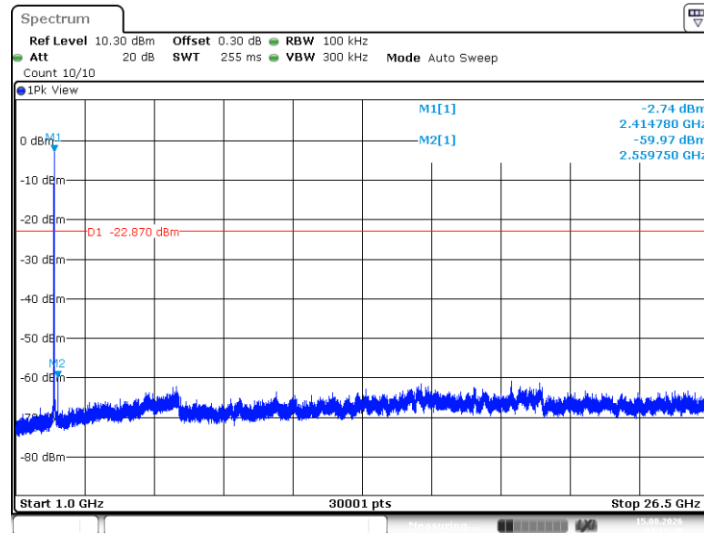


# 11G\_Ant1\_2412\_30~1000



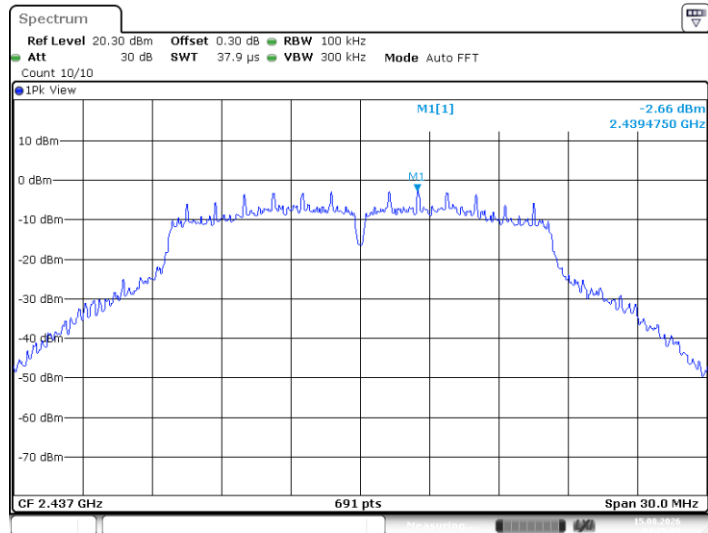
Date: 15.AUG.2026 04:23:11

# 11G\_Ant1\_2412\_1000~26500



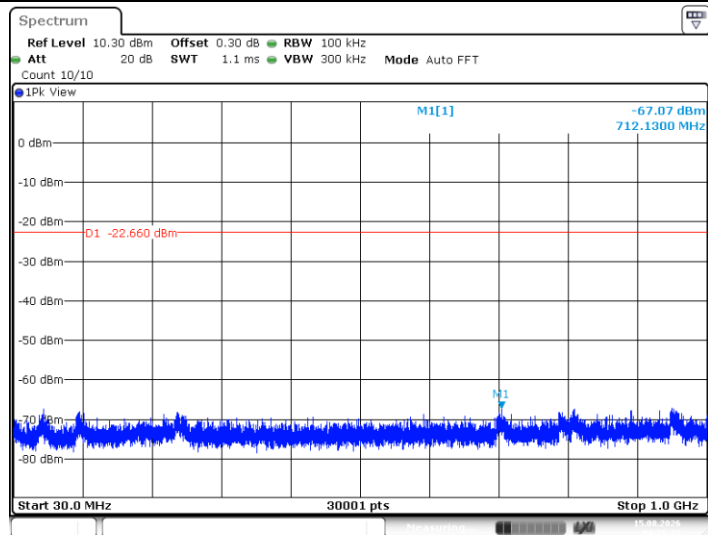
Date: 15.AUG.2026 04:23:48

# 11G\_Ant1\_2437\_0~Reference



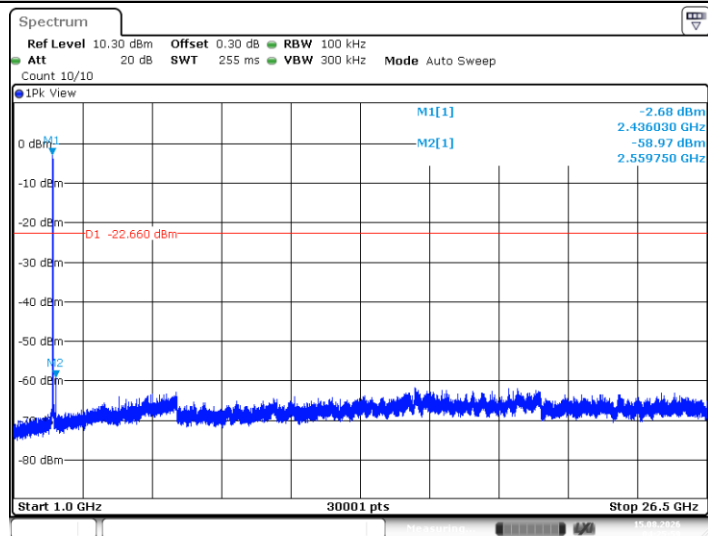
Date: 15.AUG.2026 04:25:07

### 11G\_Ant1\_2437\_30~1000



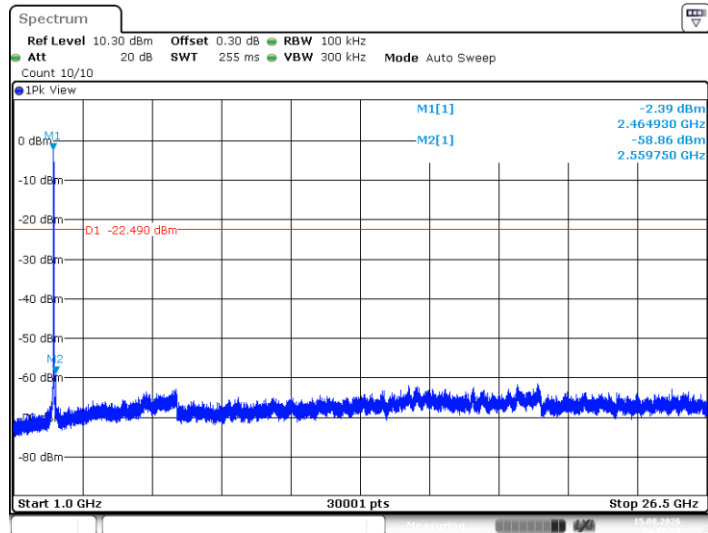
Date: 15.AUG.2026 04:25:22

### 11G\_Ant1\_2437\_1000~26500



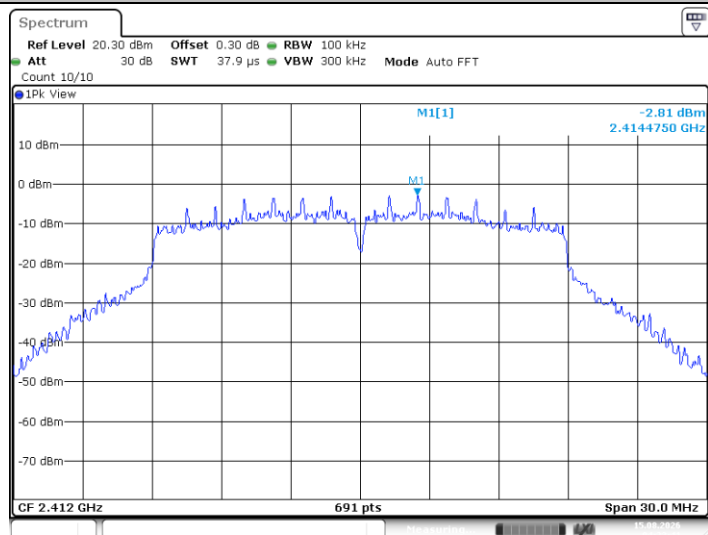
Date: 15.AUG.2026 04:25:59





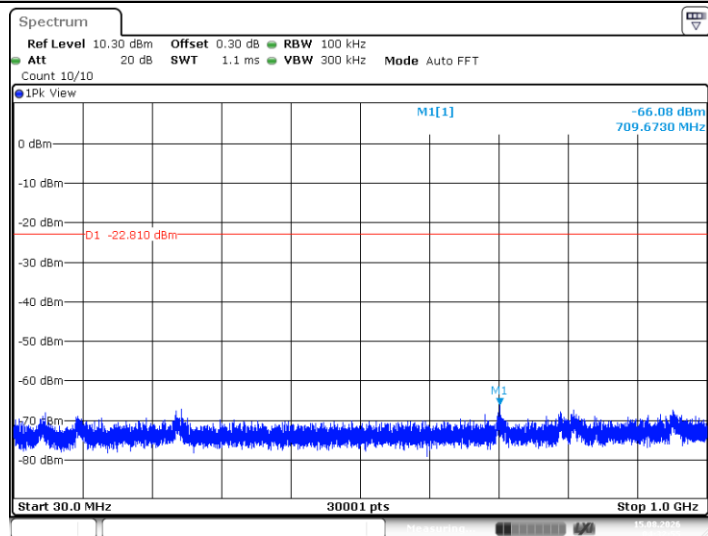
Date: 15.AUG.2026 04:29:59

### 11N20SISO\_Ant1\_2412\_0~Reference



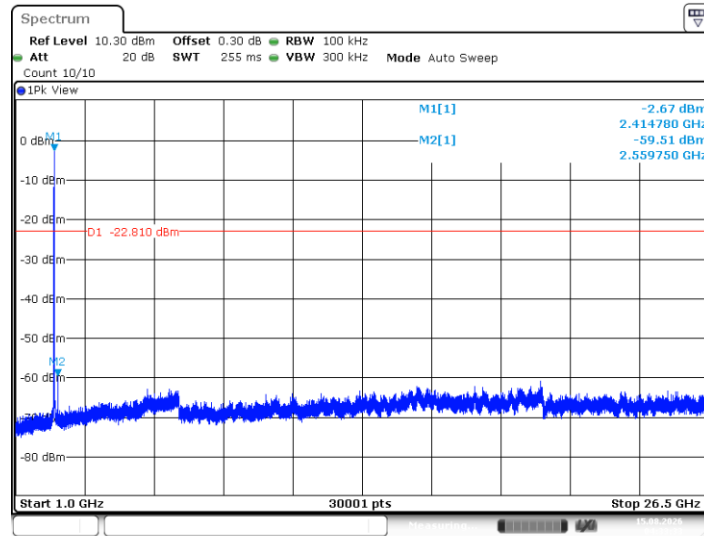
Date: 15.AUG.2026 04:32:41

### 11N20SISO\_Ant1\_2412\_30~1000



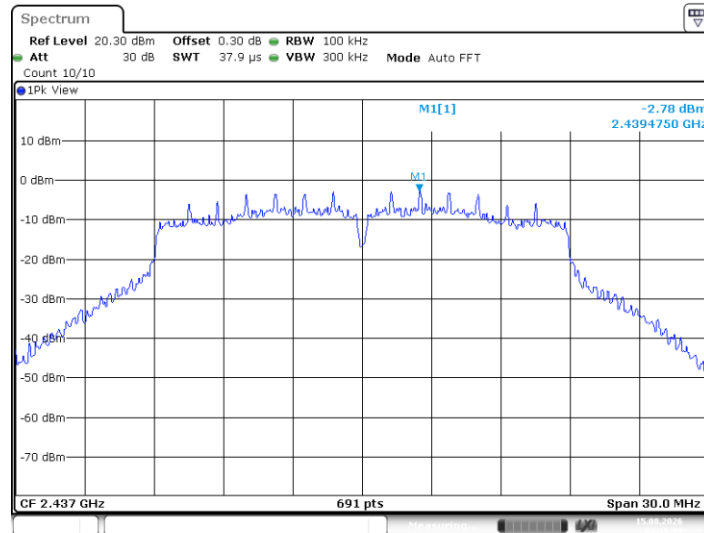
Date: 15.AUG.2026 04:32:55

# 11N20SISO\_Ant1\_2412\_1000~26500



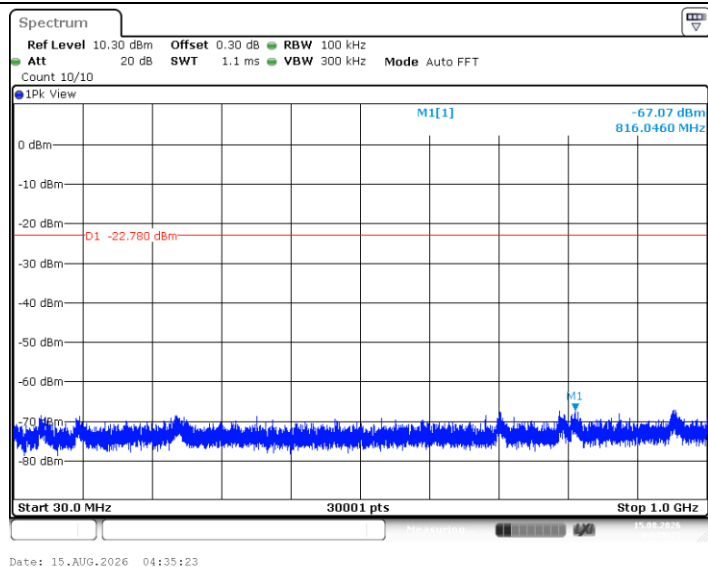
Date: 15.AUG.2026 04:33:33

# 11N20SISO\_Ant1\_2437\_0~Reference

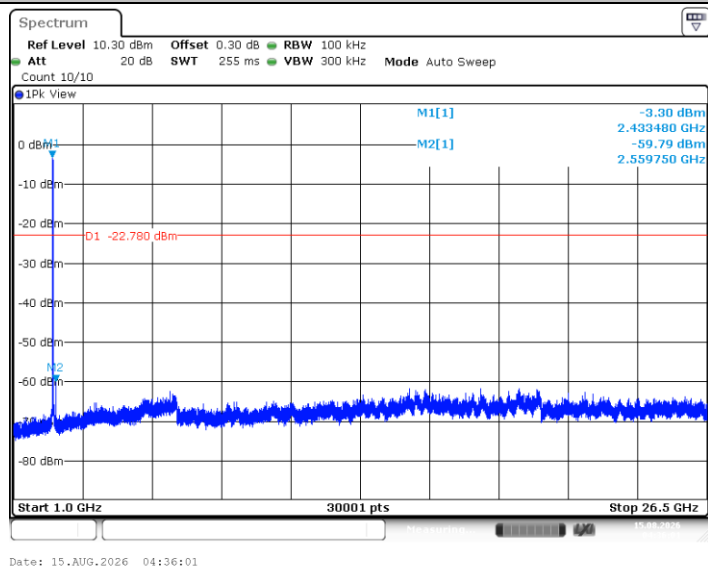


Date: 15.AUG.2026 04:35:09

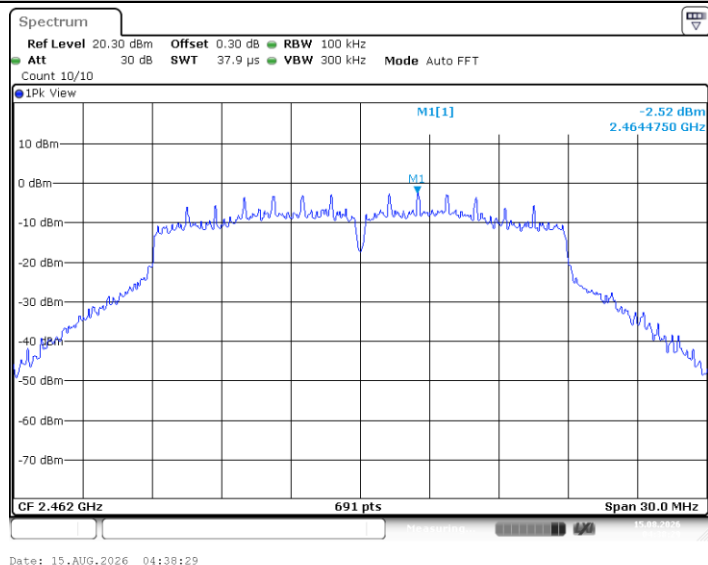
# 11N20SISO\_Ant1\_2437\_30~1000



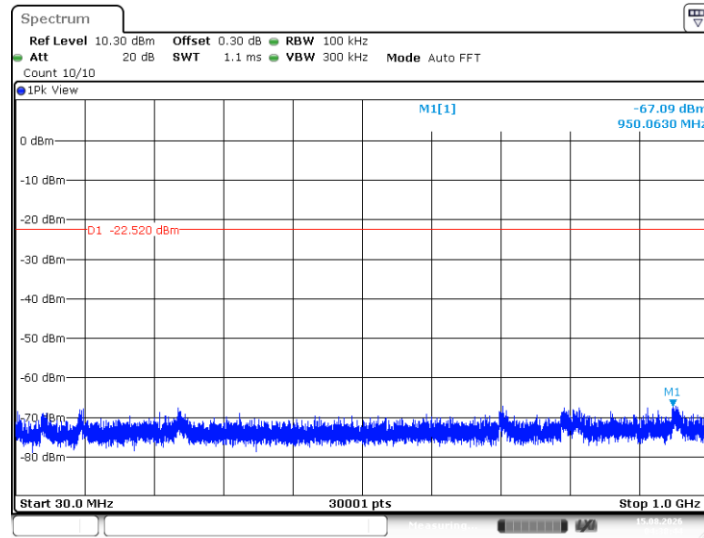
### 11N20SISO\_Ant1\_2437\_1000~26500



### 11N20SISO\_Ant1\_2462\_0~Reference

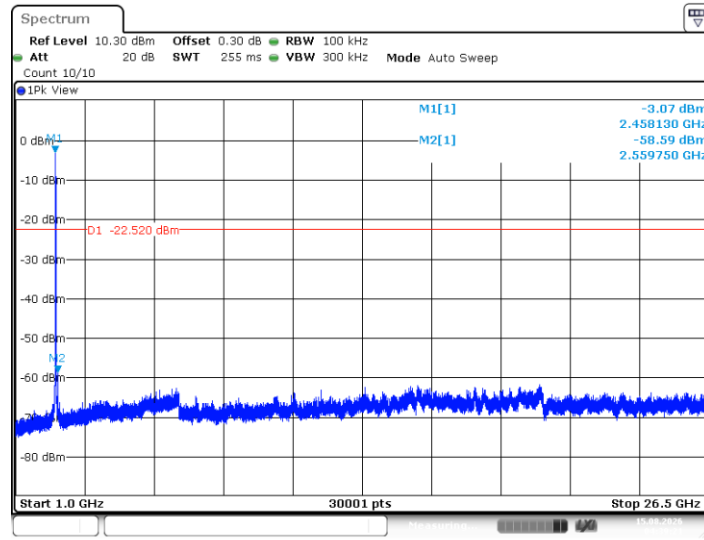


# 11N20SISO\_Ant1\_2462\_30~1000



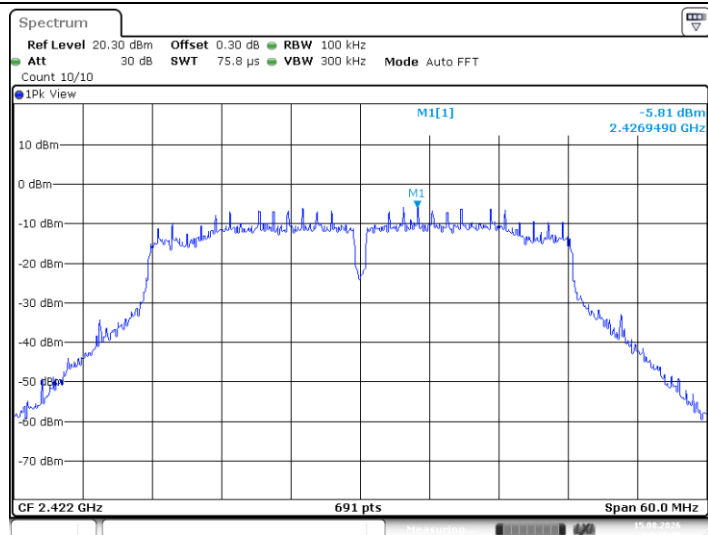
Date: 15.AUG.2026 04:38:44

# 11N20SISO\_Ant1\_2462\_1000~26500



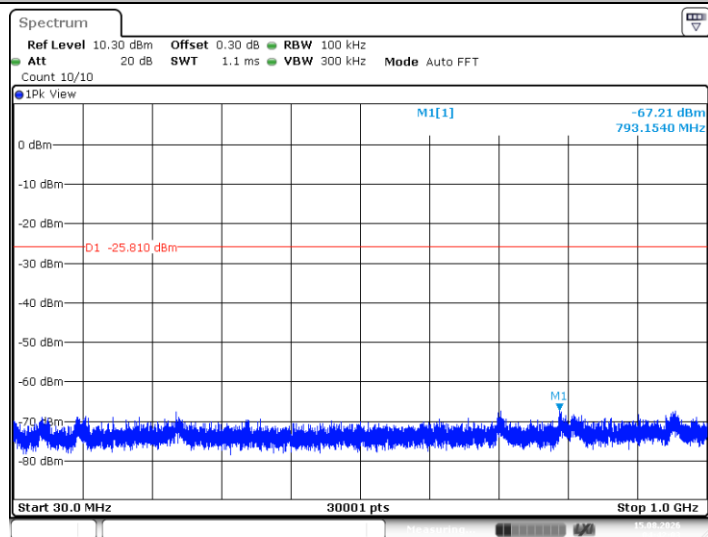
Date: 15.AUG.2026 04:39:21

# 11N40SISO\_Ant1\_2422\_0~Reference



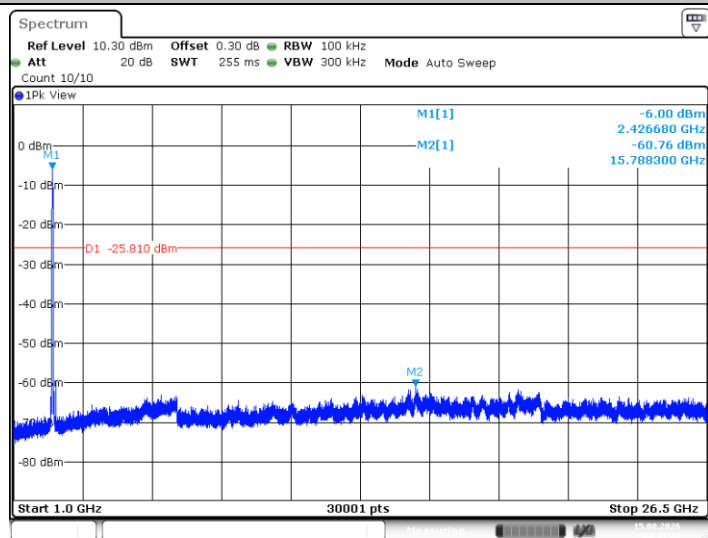
Date: 15.AUG.2026 04:41:49

### 11N40SISO\_Ant1\_2422\_30~1000



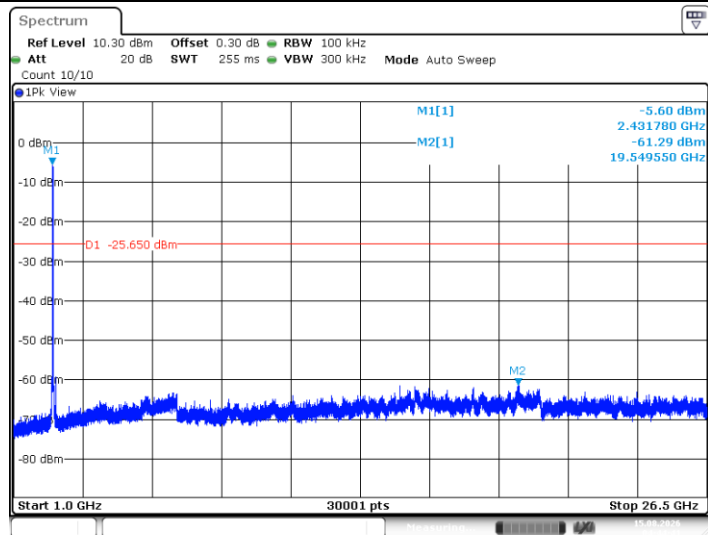
Date: 15.AUG.2026 04:42:03

### 11N40SISO\_Ant1\_2422\_1000~26500



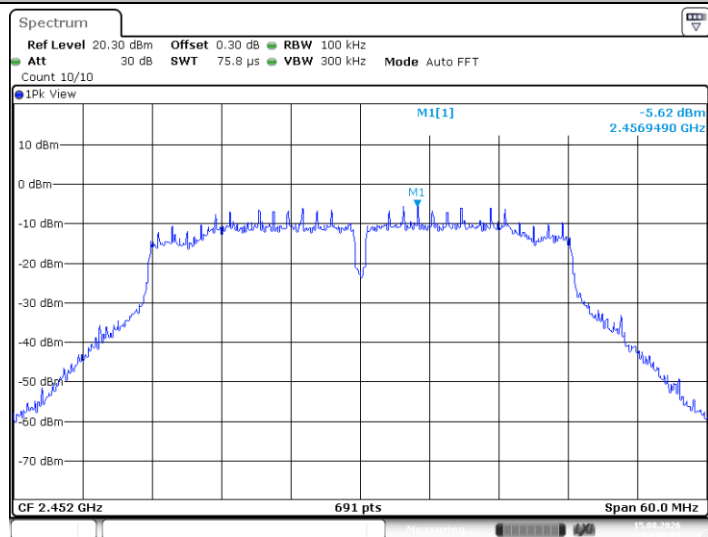
Date: 15.AUG.2026 04:42:41





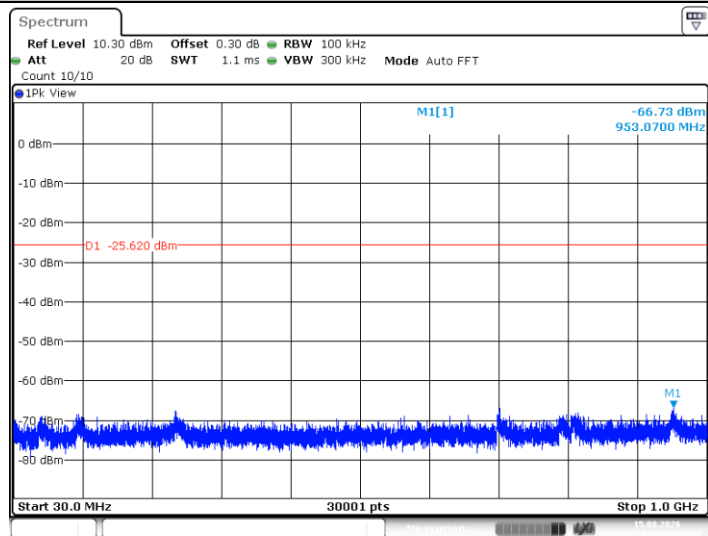
Date: 15.AUG.2026 04:44:42

### 11N40SISO\_Ant1\_2452\_0~Reference



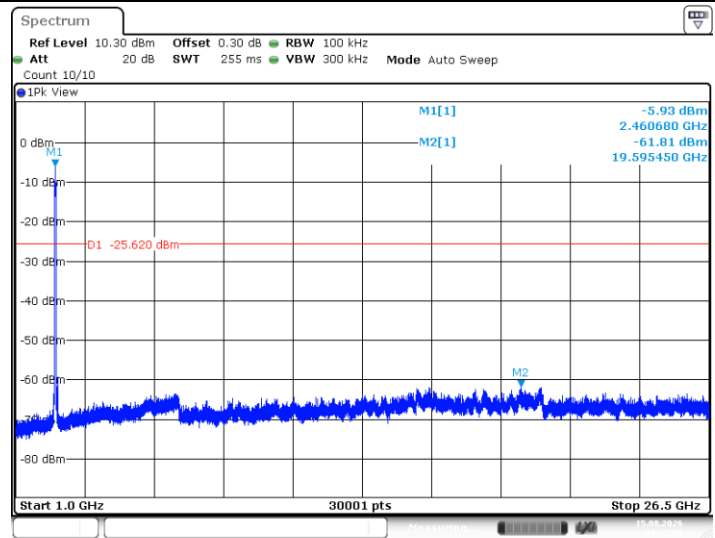
Date: 15.AUG.2026 04:47:01

### 11N40SISO\_Ant1\_2452\_30~1000



Date: 15.AUG.2026 04:47:16

11N40SISO\_Ant1\_2452\_1000~26500



Date: 15.AUG.2026 04:47:53

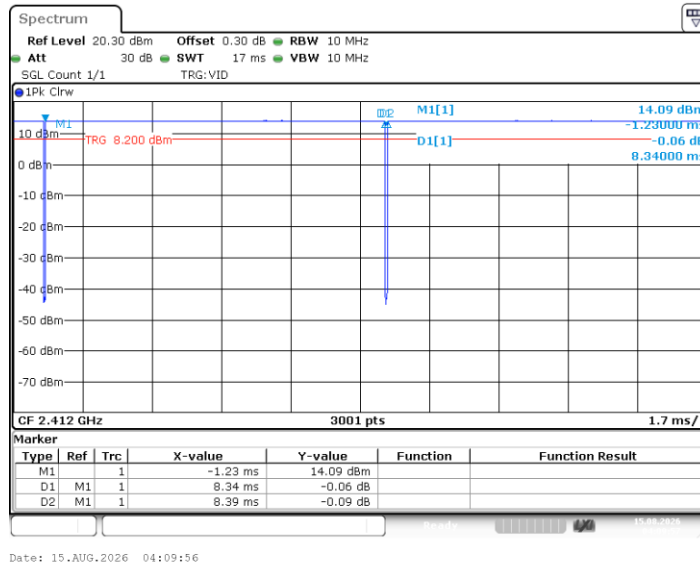
## Appendix G: Duty Cycle

### Test Result

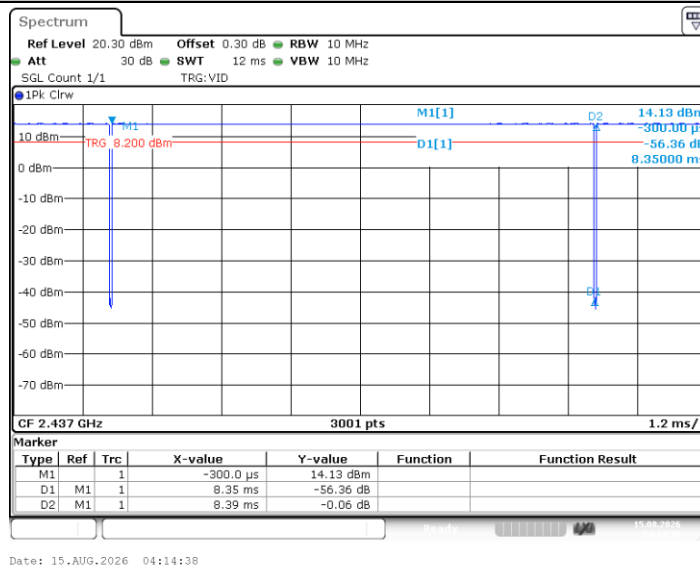
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 11B       | Ant1    | 2412           | 8.34                             | 8.39                        | 99.40                | 0.03              | 0.12             |
|           |         | 2437           | 8.35                             | 8.39                        | 99.52                | 0.02              | 0.12             |
|           |         | 2462           | 8.34                             | 8.39                        | 99.40                | 0.03              | 0.12             |
| 11G       | Ant1    | 2412           | 0.14                             | 0.19                        | 73.68                | 1.33              | 7.14             |
|           |         | 2437           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
|           |         | 2462           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
| 11N20SISO | Ant1    | 2412           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
|           |         | 2437           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
|           |         | 2462           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
| 11N40SISO | Ant1    | 2422           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2437           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2452           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |

## Test Graphs

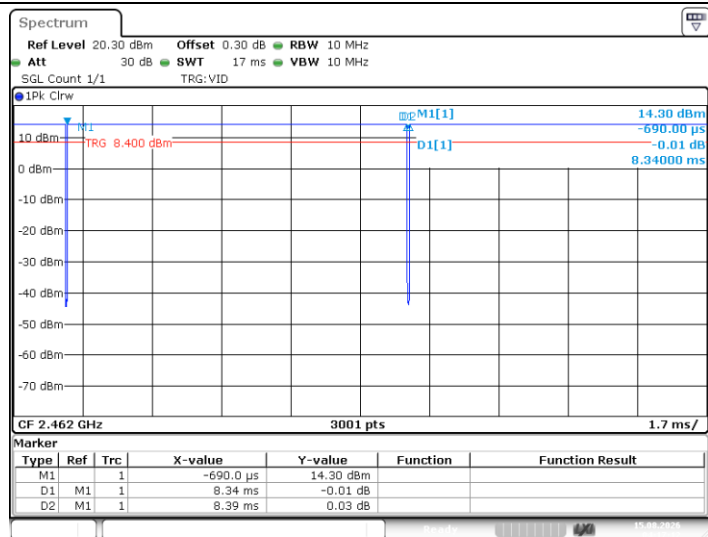
11B\_Ant1\_2412



11B\_Ant1\_2437

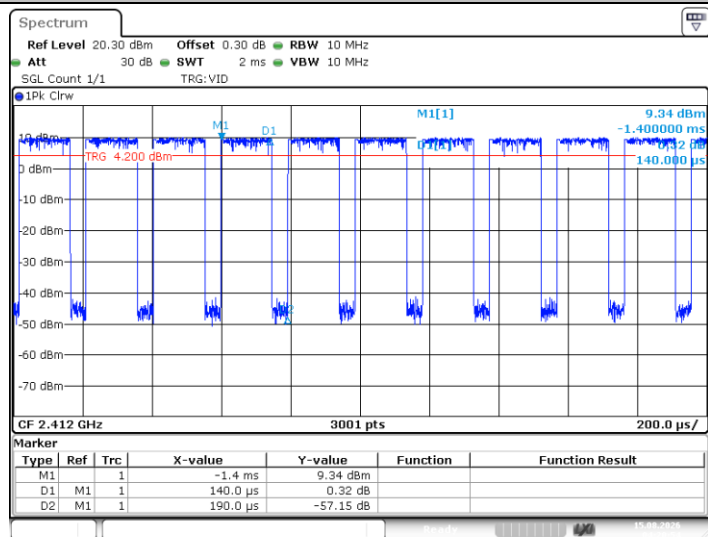


11B\_Ant1\_2462



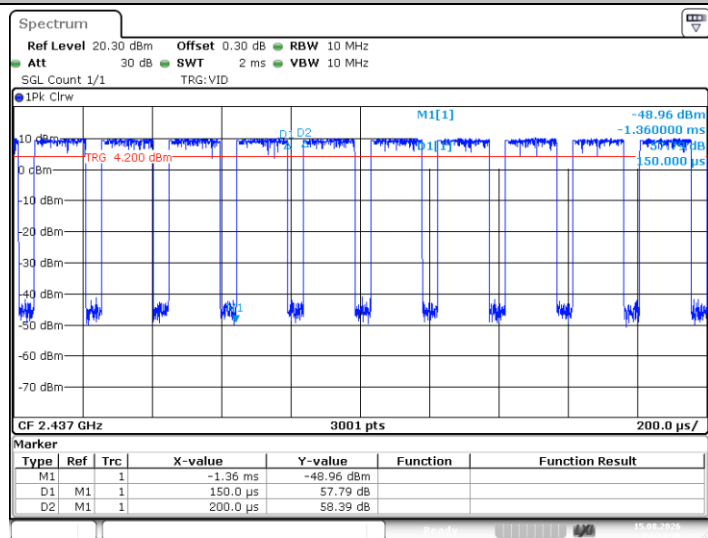
Date: 15.AUG.2026 04:17:11

## 11G\_Ant1\_2412



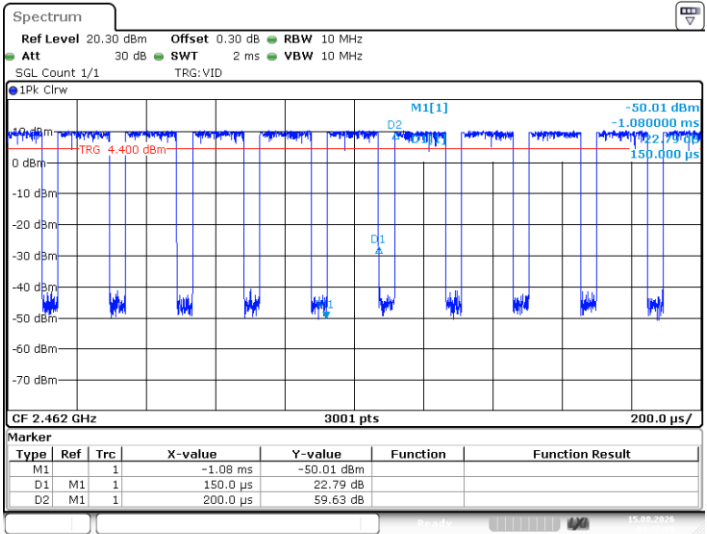
Date: 15.AUG.2026 04:20:54

## 11G\_Ant1\_2437



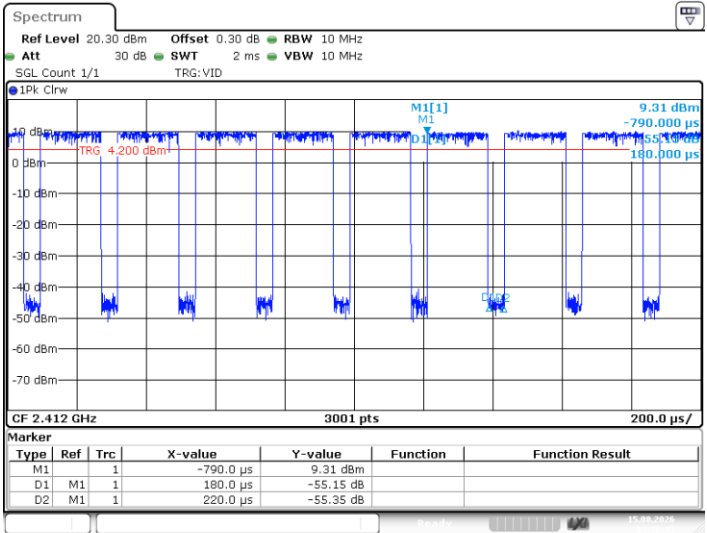
Date: 15.AUG.2026 04:24:21

11G\_Ant1\_2462



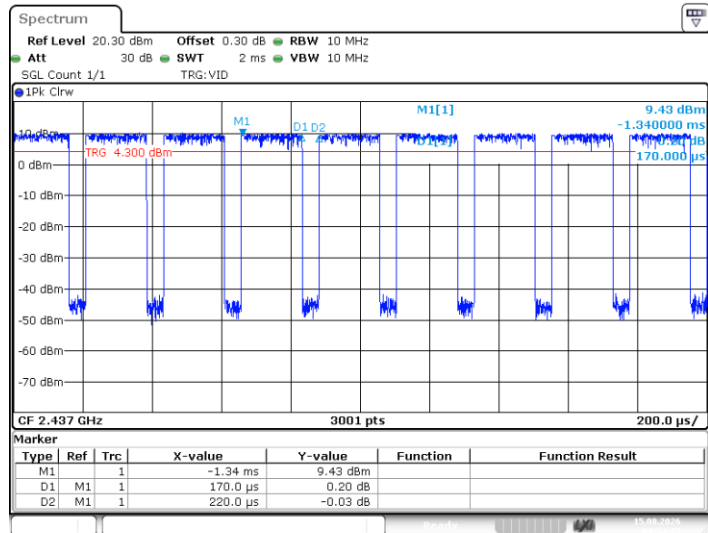
Date: 15.AUG.2026 04:27:08

11N20SISO\_Ant1\_2412



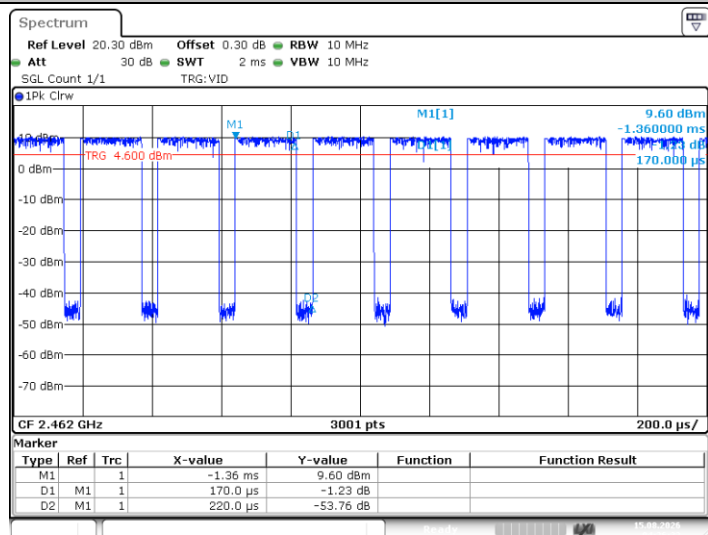
Date: 15.AUG.2026 04:30:43

11N20SISO\_Ant1\_2437



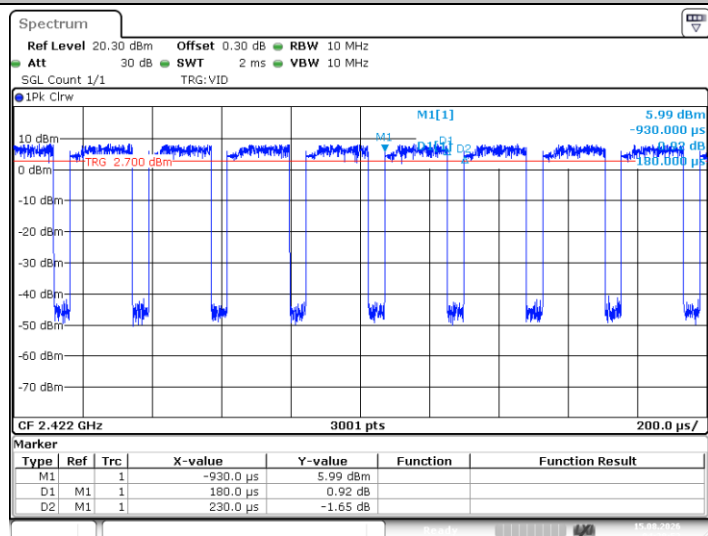
Date: 15.AUG.2026 04:34:25

### 11N20SISO\_Ant1\_2462



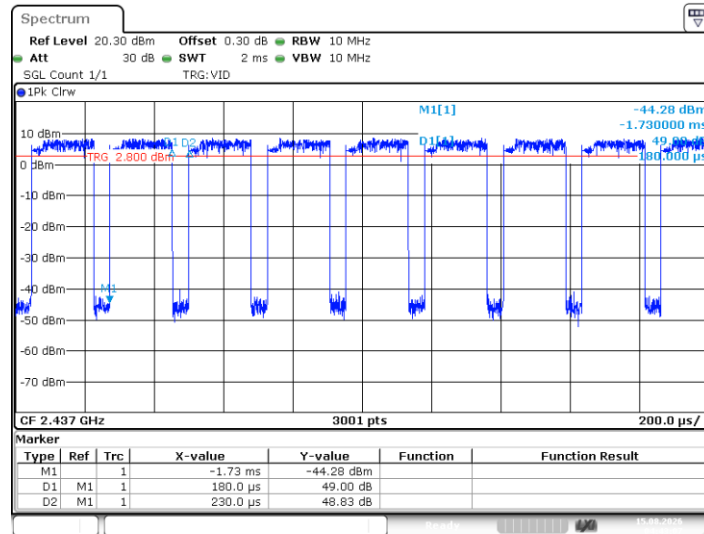
Date: 15.AUG.2026 04:36:32

### 11N40SISO\_Ant1\_2422



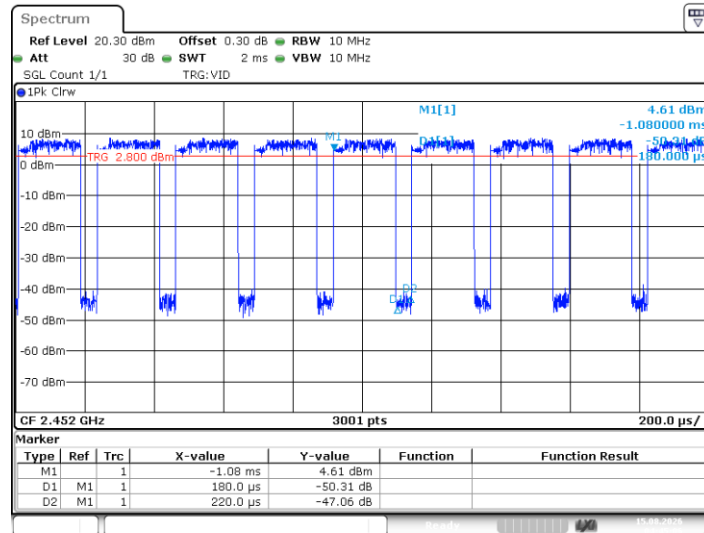
Date: 15.AUG.2026 04:39:53

# 11N40SISO\_Ant1\_2437



Date: 15.AUG.2026 04:43:07

# 11N40SISO\_Ant1\_2452



Date: 15.AUG.2026 04:45:06

## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMode      | Antenna | ChName | Frequenc<br>y[MHz] | Detector | Freq<br>[MHz] | Result<br>[dBm] | Gain<br>[dB] | DC<br>Factor<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Verdict |
|---------------|---------|--------|--------------------|----------|---------------|-----------------|--------------|----------------------|--------------------|-------------------|---------|
| 11B           | Ant1    | Low    | 2412               | AV       | 2310.000      | -59.89          | 2.00         | 0.03                 | 37.34              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2385.913      | -50.26          | 2.00         | 0.03                 | 46.97              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -55.85          | 2.00         | 0.03                 | 41.38              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -49.5           | 2.00         | 0.00                 | 47.70              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2385.913      | -42.58          | 2.00         | 0.00                 | 54.62              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -44.61          | 2.00         | 0.00                 | 52.59              | ≤74               | PASS    |
|               |         | High   | 2462               | AV       | 2483.500      | -54.35          | 2.00         | 0.03                 | 42.88              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2487.826      | -51.77          | 2.00         | 0.03                 | 45.46              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2500.000      | -58.19          | 2.00         | 0.03                 | 39.04              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2483.500      | -45.17          | 2.00         | 0.00                 | 52.03              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2487.826      | -43.25          | 2.00         | 0.00                 | 53.95              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2500.000      | -47.16          | 2.00         | 0.00                 | 50.04              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412               | AV       | 2310.000      | -60.05          | 2.00         | 1.33                 | 38.48              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2340.130      | -58.03          | 2.00         | 1.33                 | 40.50              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -59.47          | 2.00         | 1.33                 | 39.06              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -49.75          | 2.00         | 0.00                 | 47.45              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2341.072      | -46.58          | 2.00         | 0.00                 | 50.62              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -48.49          | 2.00         | 0.00                 | 48.71              | ≤74               | PASS    |
|               |         | High   | 2462               | AV       | 2483.500      | -57.4           | 2.00         | 1.25                 | 41.05              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2483.522      | -57.4           | 2.00         | 1.25                 | 41.05              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2500.000      | -59.33          | 2.00         | 1.25                 | 39.12              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2483.500      | -44.87          | 2.00         | 0.00                 | 52.33              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2486.870      | -44.26          | 2.00         | 0.00                 | 52.94              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2500.000      | -48.61          | 2.00         | 0.00                 | 48.59              | ≤74               | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412               | AV       | 2310.000      | -60.04          | 2.00         | 0.87                 | 38.03              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2339.565      | -58.01          | 2.00         | 0.87                 | 40.06              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -59.44          | 2.00         | 0.87                 | 38.63              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -49.25          | 2.00         | 0.00                 | 47.95              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2339.565      | -47.03          | 2.00         | 0.00                 | 50.17              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -48.24          | 2.00         | 0.00                 | 48.96              | ≤74               | PASS    |

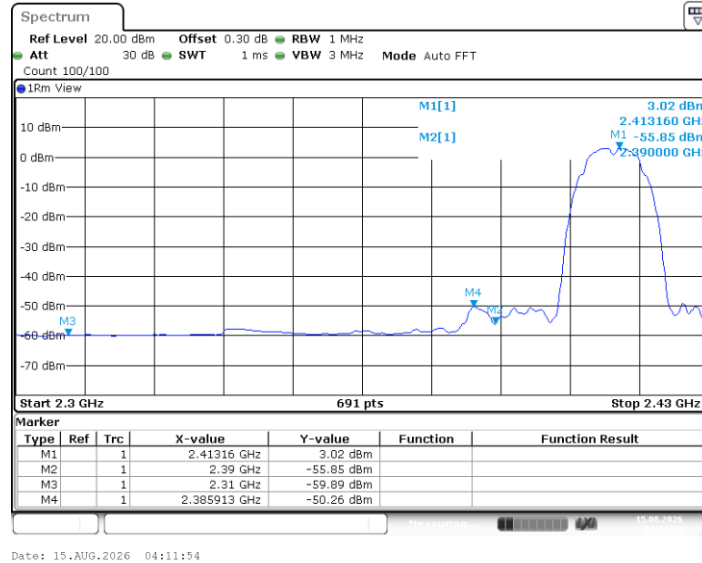
|               |      |      |      |      |          |        |      |      |       |     |      |
|---------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
|               |      | High | 2462 | AV   | 2483.500 | -57.35 | 2.00 | 1.12 | 40.97 | ≤54 | PASS |
|               |      |      |      | AV   | 2483.522 | -57.35 | 2.00 | 1.12 | 40.97 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.29 | 2.00 | 1.12 | 39.03 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -46.8  | 2.00 | 0.00 | 50.40 | ≤74 | PASS |
|               |      |      |      | Peak | 2485.913 | -45.34 | 2.00 | 0.00 | 51.86 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -48.85 | 2.00 | 0.00 | 48.35 | ≤74 | PASS |
| 11N40SIS<br>O | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.07 | 2.00 | 1.06 | 38.19 | ≤54 | PASS |
|               |      |      |      | AV   | 2389.783 | -58.64 | 2.00 | 1.06 | 39.62 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -58.64 | 2.00 | 1.06 | 39.62 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -49.26 | 2.00 | 0.00 | 47.94 | ≤74 | PASS |
|               |      |      |      | Peak | 2389.783 | -46.81 | 2.00 | 0.00 | 50.39 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -46.74 | 2.00 | 0.00 | 50.46 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -58.47 | 2.00 | 0.87 | 39.60 | ≤54 | PASS |
|               |      |      |      | AV   | 2483.514 | -58.47 | 2.00 | 0.87 | 39.60 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.38 | 2.00 | 0.87 | 38.69 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -47.93 | 2.00 | 0.00 | 49.27 | ≤74 | PASS |
|               |      |      |      | Peak | 2487.319 | -46.71 | 2.00 | 0.00 | 50.49 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -48.83 | 2.00 | 0.00 | 48.37 | ≤74 | PASS |

Note:

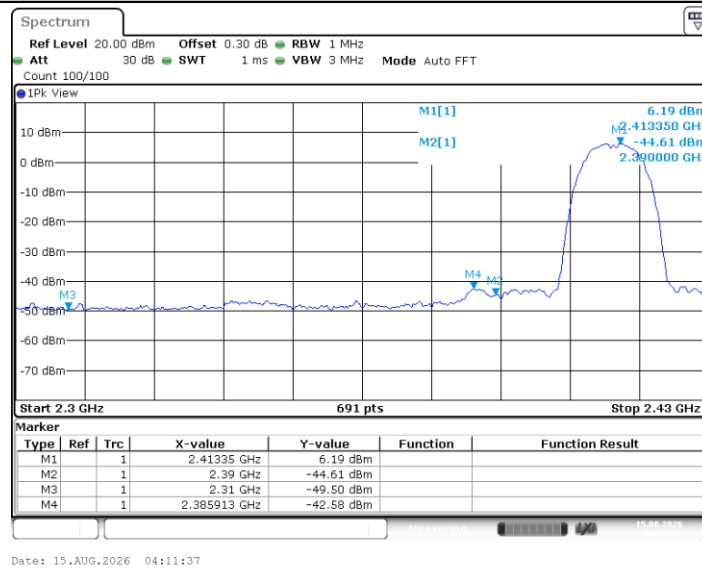
The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

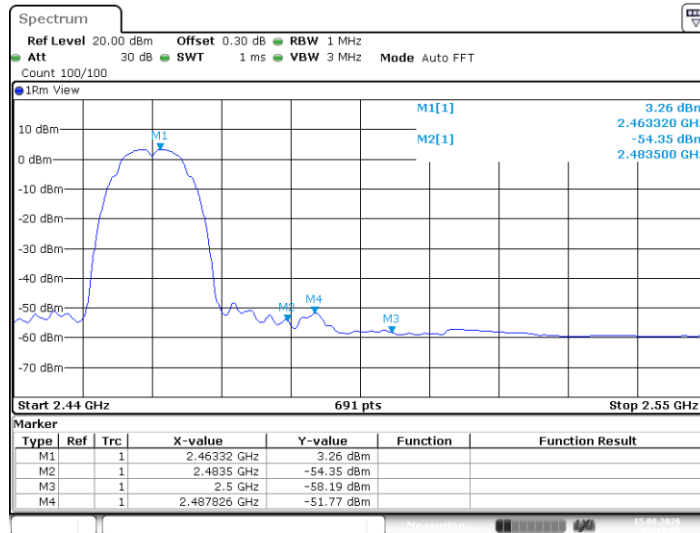
11B\_Ant1\_Low\_2412\_AV



11B\_Ant1\_Low\_2412\_Peak

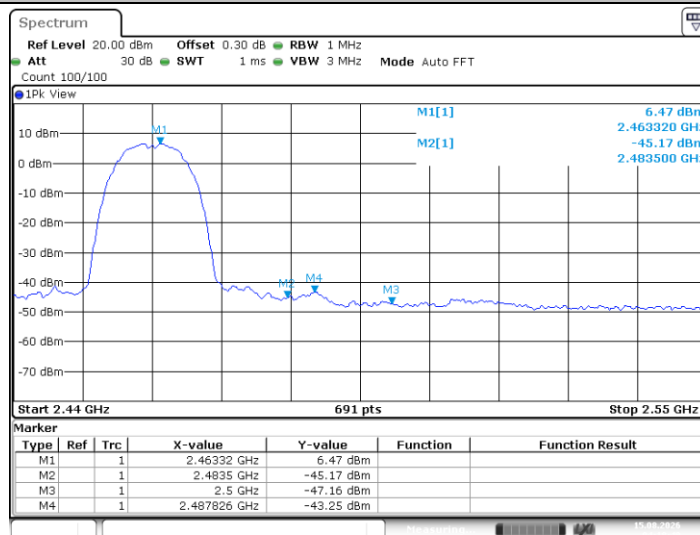


11B\_Ant1\_High\_2462\_AV



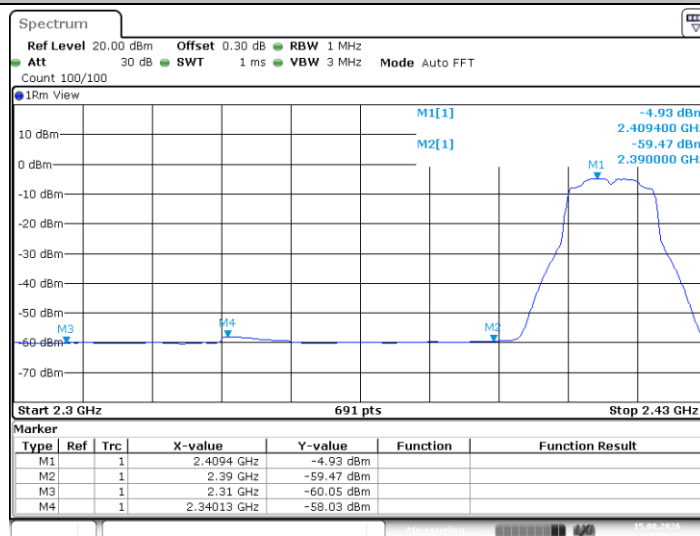
Date: 15.AUG.2026 04:19:06

### 11B\_Ant1\_High\_2462\_Peak



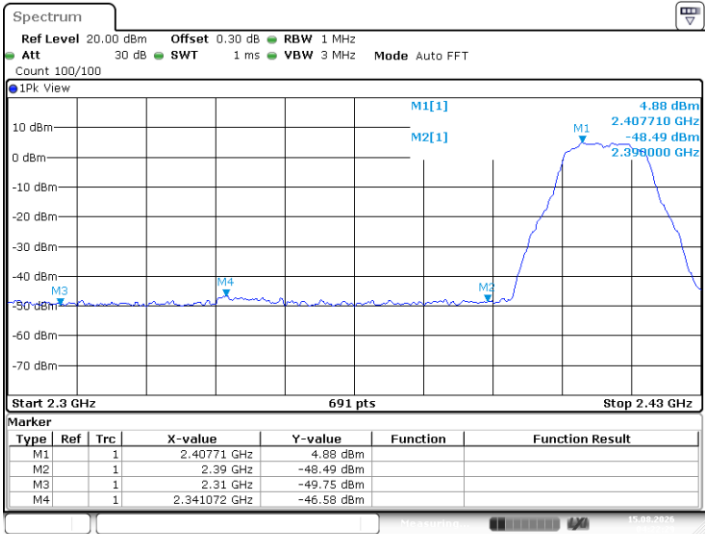
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### 11G\_Ant1\_Low\_2412\_AV



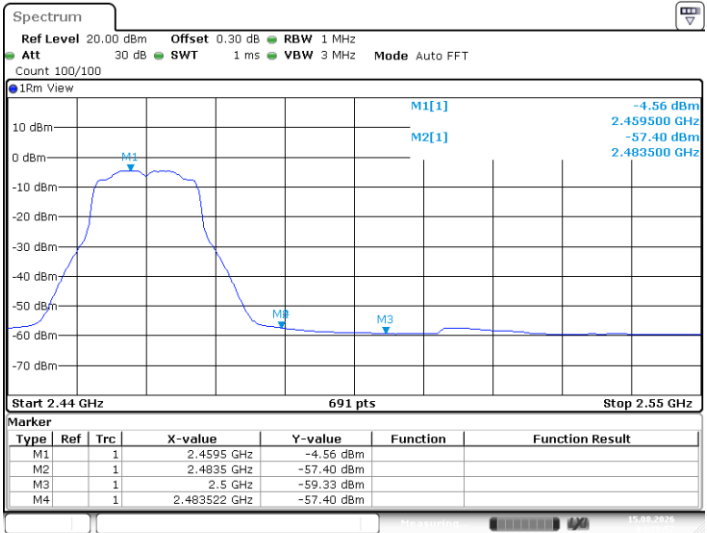
Date: 15.AUG.2026 04:22:46

11G\_Ant1\_Low\_2412\_Peak



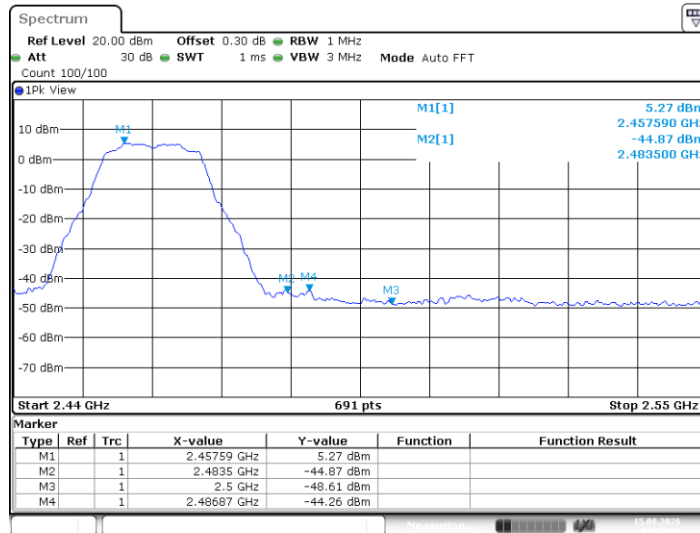
Date: 15.AUG.2026 04:22:29

11G\_Ant1\_High\_2462\_AV



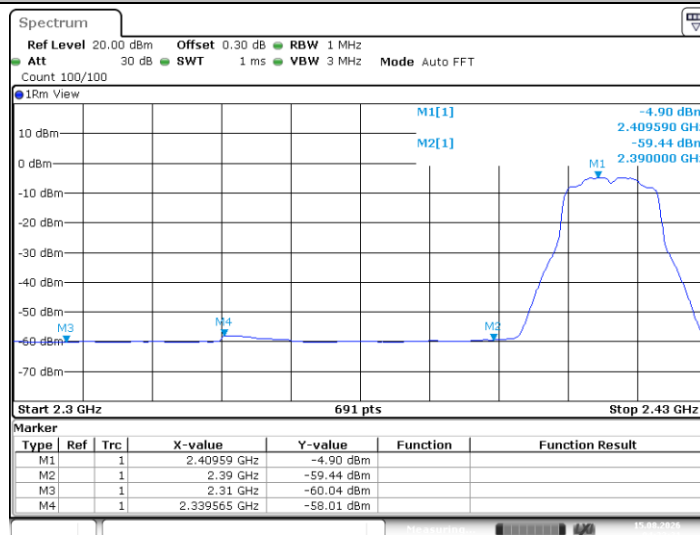
Date: 15.AUG.2026 04:28:57

11G\_Ant1\_High\_2462\_Peak



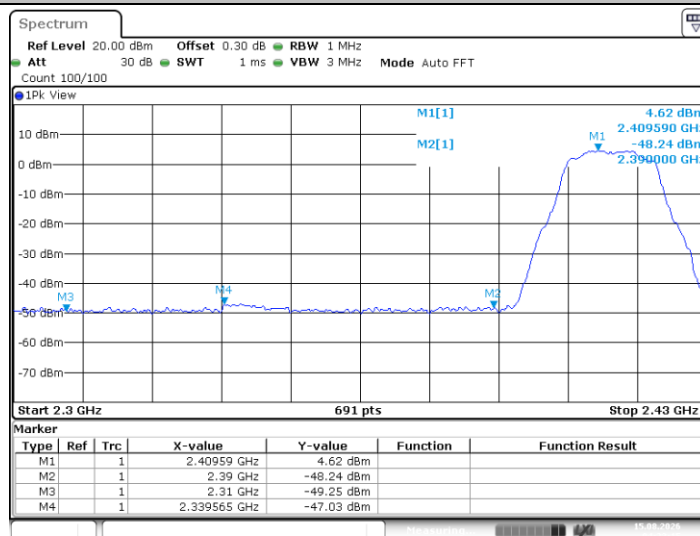
Date: 15.AUG.2026 04:28:41

### 11N20SISO\_Ant1\_Low\_2412\_AV



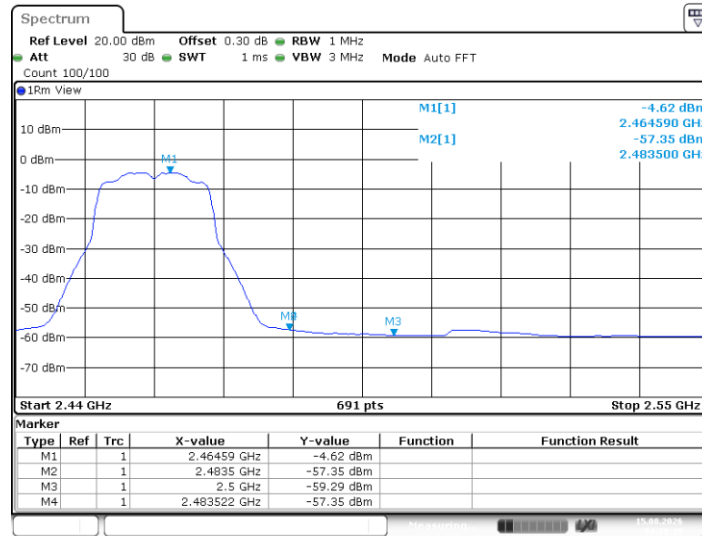
Date: 15.AUG.2026 04:32:31

### 11N20SISO\_Ant1\_Low\_2412\_Peak

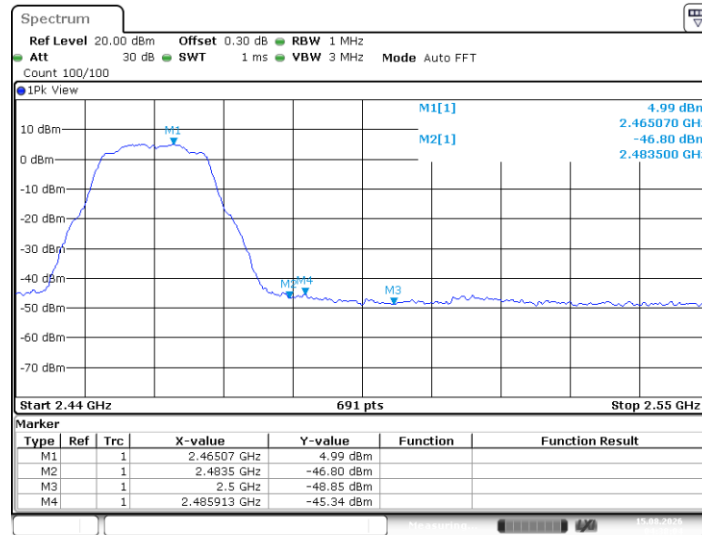


Date: 15.AUG.2026 04:32:15

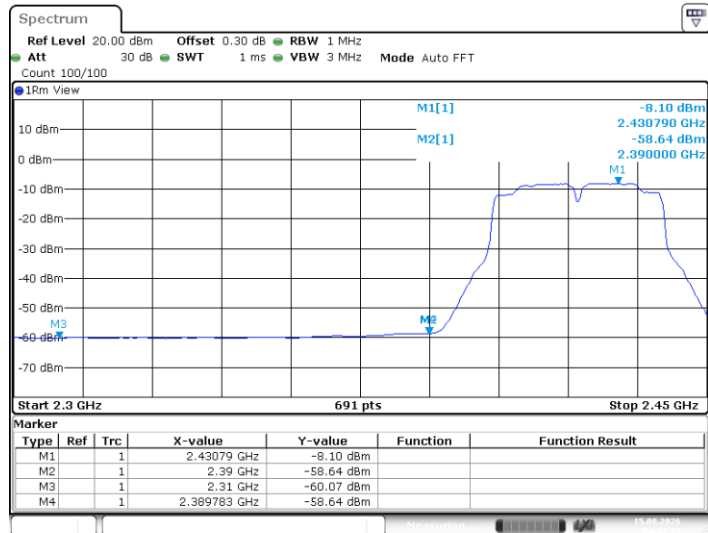
# 11N20SISO\_Ant1\_High\_2462\_AV



# 11N20SISO\_Ant1\_High\_2462\_Peak

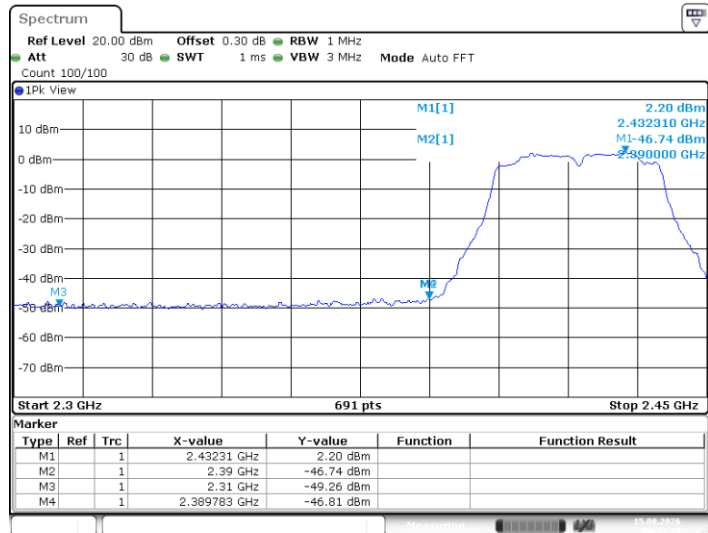


# 11N40SISO\_Ant1\_Low\_2422\_AV



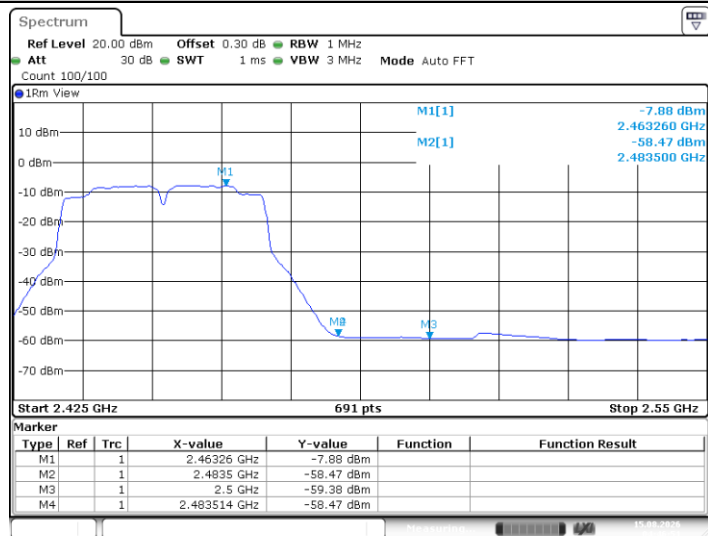
Date: 15.AUG.2026 04:41:39

### 11N40SISO\_Ant1\_Low\_2422\_Peak



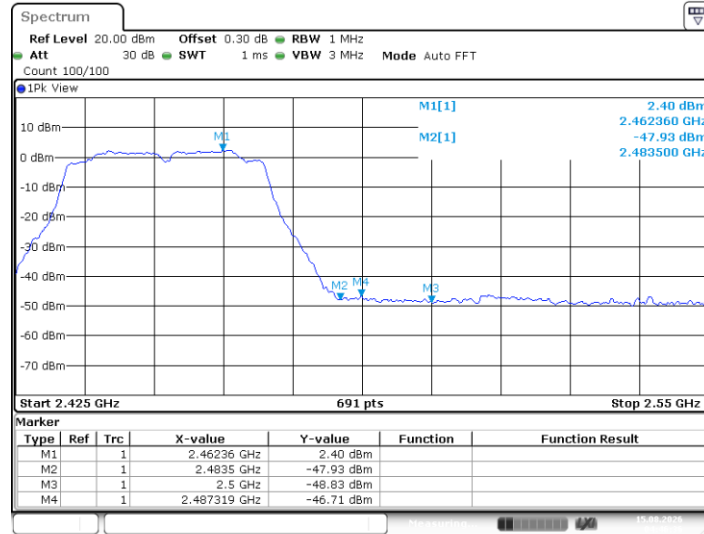
Date: 15.AUG.2026 04:41:23

### 11N40SISO\_Ant1\_High\_2452\_AV



Date: 15.AUG.2026 04:46:52

# 11N40SISO\_Ant1\_High\_2452\_Peak



Date: 15.AUG.2026 04:46:36