



# FCC RADIO TEST REPORT

FCC ID : B94SNPRC2450  
Equipment : 802.11 a/b/g/n/ac/ax WLAN + BLE Radio Module  
Brand Name : HP  
Model Name : SNPRC-2450  
Applicant : HP Singapore (Private) Limited  
1 Depot Close, Singapore 109841  
Manufacturer : HP Singapore (Private) Limited  
1 Depot Close, Singapore 109841  
Standard : FCC Part 15 Subpart C §15.247

The product was received on Jan. 14, 2026 and testing was performed from Jan. 15, 2026 to Mar. 09, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



## Table of Contents

|                                                                  |           |
|------------------------------------------------------------------|-----------|
| <b>Summary of Test Result.....</b>                               | <b>4</b>  |
| <b>1 General Description .....</b>                               | <b>5</b>  |
| 1.1 Product Feature of Equipment Under Test.....                 | 5         |
| 1.2 Modification of EUT .....                                    | 5         |
| 1.3 Testing Location .....                                       | 6         |
| 1.4 Applicable Standards.....                                    | 6         |
| <b>2 Test Configuration of Equipment Under Test .....</b>        | <b>7</b>  |
| 2.1 Carrier Frequency and Channel .....                          | 7         |
| 2.2 Test Mode.....                                               | 7         |
| 2.3 EUT Operation Test Setup .....                               | 7         |
| <b>3 Test Result .....</b>                                       | <b>8</b>  |
| 3.1 6dB and 99% Bandwidth Measurement .....                      | 8         |
| 3.2 Output Power Measurement.....                                | 9         |
| 3.3 Power Spectral Density Measurement .....                     | 10        |
| 3.4 Conducted Band Edges and Spurious Emission Measurement ..... | 11        |
| 3.5 Antenna Requirements.....                                    | 15        |
| <b>4 List of Measuring Equipment.....</b>                        | <b>16</b> |
| <b>Appendix A. Conducted Test Results</b>                        |           |
| <b>Appendix B. Conducted Spurious Emission</b>                   |           |
| <b>Appendix C. Conducted Spurious Emission Plots</b>             |           |
| <b>Appendix D. Duty Cycle Plots</b>                              |           |



## History of this test report

| Report No.   | Version | Description             | Issue Date    |
|--------------|---------|-------------------------|---------------|
| FR491243-02B | 01      | Initial issue of report | Mar. 27, 2026 |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |
|              |         |                         |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items                                         | Result (PASS/FAIL) | Remark   |
|---------------|-----------------|----------------------------------------------------|--------------------|----------|
| 3.1           | 15.247(a)(2)    | 6dB Bandwidth                                      | Pass               | -        |
| 3.1           | 2.1049          | 99% Occupied Bandwidth                             | Pass               | -        |
| 3.2           | 15.247(b)       | Power Output Measurement                           | Pass               | -        |
| 3.3           | 15.247(e)       | Power Spectral Density                             | Pass               | -        |
| 3.4           | 15.247(d)       | Conducted Band Edges                               | Pass               | -        |
|               |                 | Conducted Spurious Emission                        | Pass               | -        |
| 3.5           | 15.247(d)       | Radiated Band Edges and Radiated Spurious Emission | Pass               | -        |
| -             | 15.207          | AC Conducted Emission                              | Pass               | See Note |
| 3.6           | 15.203          | Antenna Requirement                                | Pass               | -        |

**Note:**

1. This is a variant report with a PHY firmware update applied to this module to improve band-edge performance on 2.4G CH1 and CH11. All test cases were performed in the original report, which can be referred to Report Number FR491243B. Based on the original report, the test cases were verified.
2. Regarding radiated band edges and spurious emission test item, no significant impact on cabinet radiated spurious emission is expected; therefore, only the conducted spurious emission portion was verified.
3. Regarding AC Conducted Emission test item, the change does not affect test results. Refer to original report FR491243B for test data.

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Danny Lee**
**Report Producer: Shannon Huang**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                                                                                                                         |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>General Specs</b><br>Bluetooth - LE (125 kbps, 500 kbps, 1Mbps, 2Mbps), Wi-Fi 2.4GHz 802.11b/g/n/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax. |                                                                          |
| <b>Sample 1</b>                                                                                                                         | 0960-6201 (milligrid connector, 2 on-board antennas)                     |
| <b>Sample 2</b>                                                                                                                         | 0960-6202 (milligrid connector, 1 on-board antenna + 1 external antenna) |
| <b>Sample 3</b>                                                                                                                         | 0960-6203 (FFC connector, 2 on-board antennas)                           |

| Antenna Information |              |                       |              |            |           |
|---------------------|--------------|-----------------------|--------------|------------|-----------|
| Brand               | Antenna Type | Model                 | 2.4 GHz Gain | 5 GHz Gain | Sample    |
| HP                  | PCB          | SNPRC-2450            | 3dBi         | 3.8dBi     | 0960-6201 |
| HP                  | PCB          | SNPRC-2450            | 3dBi         | 3.8dBi     | 0960-6202 |
| HP                  | PCB          | SNPRC-2450            | 3dBi         | 3.8dBi     | 0960-6203 |
| YAGEO               | PCB          | ANTX300P002B<br>24553 | 0.9dBi       | 2.3dBi     | 0960-6202 |
| YAGEO               | PCB          | ANTX200P002B<br>24553 | 0.9dBi       | 2.3dBi     | 0960-6202 |
| WNC                 | PCB          | 81EAB815.G23          | 2dBi         | 3dBi       | 0960-6202 |
| WNC                 | PCB          | 81EAB815.G24          | -0.3dBi      | 1.5dBi     | 0960-6202 |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

### 1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Test Site          | Sporton International Inc. Wensan Laboratory                                                     |
| Test Site Location | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.) |

FCC designation No.: TW3786

**Note:** The test site complies with ANSI C63.4 2014 requirement.

### 1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC Part 15 Subpart C §15.247
- ♦ ANSI C63.10-2020

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency and Channel

| Frequency Band  | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|-----------------|---------|-------------|---------|-------------|
| 2400-2483.5 MHz | 1       | 2412        | 8       | 2447        |
|                 | 2       | 2417        | 9       | 2452        |
|                 | 3       | 2422        | 10      | 2457        |
|                 | 4       | 2427        | 11      | 2462        |
|                 | 5       | 2432        | 12      | 2467        |
|                 | 6       | 2437        | 13      | 2472        |
|                 | 7       | 2442        |         |             |

### 2.2 Test Mode

This device support 26/52/106/242-tone RU.

The 242-tone RU is covered by 20MHz channel.

The final test modes include the worst data rates for each modulation shown in the table below.

#### Single Antenna

| Modulation    | Data Rate |
|---------------|-----------|
| 802.11b       | 1 Mbps    |
| 802.11g       | 6 Mbps    |
| 802.11n HT20  | MCS0      |
| 802.11ax HE20 | MCS0      |

| Ch. #  | 2400-2483.5 MHz |         |              |               |
|--------|-----------------|---------|--------------|---------------|
|        | 802.11b         | 802.11g | 802.11n HT20 | 802.11ax HE20 |
| Low    | 01              | 01      | 01, 02       | 01            |
| Middle | 06              | 06      | 06           | 06            |
| High   | 11              | 11      | 11           | 11            |

### 2.3 EUT Operation Test Setup

The RF test items, utility "SimpleLink Wi-Fi Toolbox Radio-Tool 2.3.0-rt" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

### 3 Test Result

#### 3.1 6dB and 99% Bandwidth Measurement

##### 3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

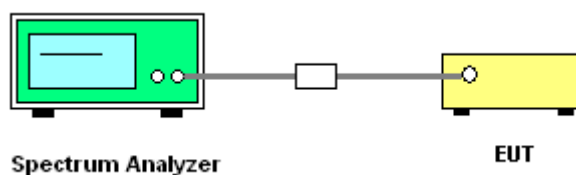
##### 3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

##### 3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 1% to 5% of the OBW but not less than 100 kHz. Set the Video bandwidth VBW  $\geq 3 * RBW$ . In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth, and set the Video bandwidth (VBW)  $\geq 3 * RBW$ .
6. Measure and record the results in the test report.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.

## **3.2 Output Power Measurement**

### **3.2.1 Limit of Output Power**

For systems using digital modulation in the 2400-2483.5 MHz, the limit for output power is 30 dBm. If transmitting antenna with directional gain greater than 6 dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

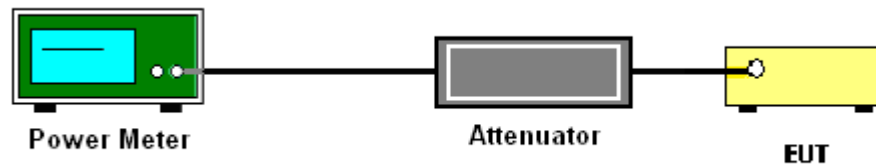
### **3.2.2 Measuring Instruments**

Please refer to the measuring equipment list in this test report.

### **3.2.3 Test Procedures**

1. For Peak Power, the testing follows ANSI C63.10 Section 11.9.1.2 PKPM1
2. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
3. The RF output of EUT is connected to the power meter by RF cable and attenuator. The path loss is compensated to the results for each measurement.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Measure the conducted output power and record the results in the test report.

### **3.2.4 Test Setup**



### **3.2.5 Test Result of Peak Output Power**

Please refer to Appendix A.

### **3.2.6 Test Result of Average Output Power**

Please refer to Appendix A.

### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band at any time interval of continuous transmission.

#### 3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

#### 3.3.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = No faster than coupled (auto) time, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

#### 3.3.4 Test Setup



#### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

## **3.4 Conducted Band Edges and Spurious Emission Measurement**

### **3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement**

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

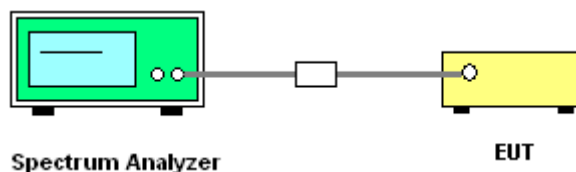
### **3.4.2 Measuring Instruments**

Please refer to the measuring equipment list in this test report.

### **3.4.3 Test Procedures**

1. The testing follows the ANSI C63.10 Section 11.11.3 Emission level measurement.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### **3.4.4 Test Setup**



### **3.4.5 Test Result of Conducted Band Edges and Spurious Emission**

Please refer to Appendix A.

### 3.5 Radiated Band Edges and Spurious Emission Measurement

#### 3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device is measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(meters) |
|--------------------|--------------------------------------|----------------------------------|
| 0.009 – 0.490      | 2400/F(kHz)                          | 300                              |
| 0.490 – 1.705      | 24000/F(kHz)                         | 30                               |
| 1.705 – 30.0       | 30                                   | 30                               |
| 30 – 88            | 100                                  | 3                                |
| 88 – 216           | 150                                  | 3                                |
| 216 - 960          | 200                                  | 3                                |
| Above 960          | 500                                  | 3                                |

#### 3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

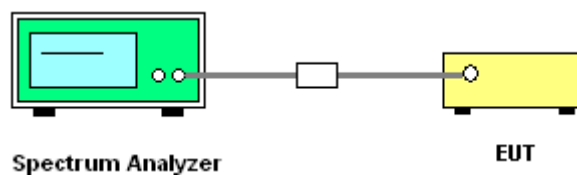
### 3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.2 Antenna-port conducted measurements.
2. Measure the conducted output power (in dBm) using the peak detector.
3. Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP.
4. Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies  $\leq 30$  MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies  $> 1000$  MHz).
5. Convert the resultant EIRP to an equivalent electric field strength using the following relationship:  
$$E = \text{EIRP} - 20 \log d + 104.8,$$
where  
E is the electric field strength in dB $\mu$ V/m  
EIRP is the equivalent isotropically radiated power in dBm  
d is the specified measurement distance in 3m
6. Compare the resultant electric field strength level with the applicable regulatory limit.
7. Corrected Reading for conducted spurious emission: Antenna Factor + Cable Loss + Read Level = Level
8. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold;
  - (3) Set RBW = 1 MHz, VBW = 3 MHz for  $f \geq 1$  GHz for peak measurement.  
For average measurement:
    - a) RBW = 1 MHz.
    - b) VBW  $\geq [3 \times \text{RBW}]$ .
    - c) Detector = RMS (power averaging), if  $[\text{span} / (\# \text{ of points in sweep})] \leq \text{RBW} / 2$ . Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.
    - d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging.
    - e) Sweep time = auto.

- f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of  $1 / D$ , where  $D$  is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)
- g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:
  - i. If power averaging (rms) mode was used in the preceding step e), then the correction factor is  $[10 \log (1 / D)]$ , where  $D$  is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.
  - ii. If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

### 3.5.4 Test Setup

**For Conducted Measurement Setup:**



### 3.5.5 Test Result of Conduced Spurious at Band Edges in the Restricted Band

Please refer to Appendix B and C.

### 3.5.6 Test Result of Conduced Spurious Emission in the Restricted Band

Please refer to Appendix B and C.

### 3.5.7 Duty Cycle

Please refer to Appendix D.



## **3.6 Antenna Requirements**

### **3.6.1 Standard Applicable**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

### **3.6.2 Antenna Anti-Replacement Construction**

#### **<On-board Antenna>**

Antenna permanently attached.

#### **<External antenna>**

Unique (non-standard) antenna connector.



## 4 List of Measuring Equipment

| Instrument               | Brand Name         | Model No.                           | Serial No.                 | Characteristics              | Calibration Date | Test Date                       | Due Date      | Remark                 |
|--------------------------|--------------------|-------------------------------------|----------------------------|------------------------------|------------------|---------------------------------|---------------|------------------------|
| Spectrum Analyzer        | Keysight           | N9010A                              | MY54200485                 | 10Hz~44GHz                   | Aug. 27, 2025    | Jan 15, 2026~<br>Mar. 06, 2026  | Aug. 26, 2026 | CSE<br>(TH05-HY)       |
| Notch Filter             | Wainwright         | WLK4-1000-15<br>30-8000-40SS        | SN11                       | 1.53GHz Low<br>Pass Filter   | Sep. 09, 2025    | Jan 15, 2026~<br>Mar. 06, 2026  | Sep. 08, 2026 | CSE<br>(TH05-HY)       |
| Notch Filter             | Wainwright         | WHKX12-2700<br>-3000-18000-6<br>0SS | SN3                        | 3GHz High<br>Pass Filter     | Sep. 09, 2025    | Jan 15, 2026~<br>Mar. 06, 2026  | Sep. 08, 2026 | CSE<br>(TH05-HY)       |
| RF Cable                 | HUBER +<br>SUHNER  | SUCOFLEX<br>102                     | 803951/2                   | 30MHz~40GHz                  | Mar. 05, 2025    | Jan 15, 2026~<br>Jan. 21, 2026  | Mar. 04, 2026 | CSE<br>(TH05-HY)       |
| RF Cable                 | HUBER +<br>SUHNER  | SUCOFLEX<br>102E                    | 508408-2E                  | 30MHz~40GHz                  | Jun. 16, 2025    | Jan. 22, 2026~<br>Mar. 06, 2026 | Jun. 15, 2026 | CSE<br>(TH05-HY)       |
| Hygrometer               | TECPEL             | DTM-303A                            | TP201996                   | N/A                          | Nov. 04, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Nov. 03, 2026 | Conducted<br>(TH05-HY) |
| Power Sensor             | DARE               | RPR3006W                            | 17I00015SNO<br>37 (NO:167) | 10MHz~6GHz                   | Nov. 14, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Nov. 13, 2026 | Conducted<br>(TH05-HY) |
| Power Meter              | Anritsu            | ML2495A                             | 1036004                    | N/A                          | Jul. 01, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Jun. 30, 2026 | Conducted<br>(TH05-HY) |
| Power Sensor             | Anritsu            | MA2411B                             | 1027253                    | 300MHz~40GHz                 | Jul. 01, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Jun. 30, 2026 | Conducted<br>(TH05-HY) |
| Signal Analyzer          | Rohde &<br>Schwarz | FSV40                               | 101566                     | 10Hz~40GHz                   | Aug. 29, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Aug. 28, 2026 | Conducted<br>(TH05-HY) |
| Switch Control Mainframe | E-Instrument       | ETF-1405-0                          | EC1900157<br>(BOX6)        | N/A                          | Feb. 10, 2025    | Jan. 15, 2026~<br>Mar. 09, 2026 | Feb. 09, 2026 | Conducted<br>(TH05-HY) |
| Software                 | Sporton            | BTWIFI_Final_<br>version_24051<br>3 | N/A                        | Conducted<br>Other Test Item | N/A              | Jan. 15, 2026~<br>Mar. 09, 2026 | N/A           | Conducted<br>(TH05-HY) |

**A1. Conducted Test Results**

|                |                       |                    |       |    |
|----------------|-----------------------|--------------------|-------|----|
| Test Engineer: | Benny Ku              | Temperature:       | 21~25 | °C |
| Test Date:     | 2026/01/15~2026/03/09 | Relative Humidity: | 51~54 | %  |

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

| 2.4GHz Band Single Antenna |           |     |     |             |                       |       |              |       |                    |           |
|----------------------------|-----------|-----|-----|-------------|-----------------------|-------|--------------|-------|--------------------|-----------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | 99% Occupied BW (MHz) |       | 6dB BW (MHz) |       | 6dB BW Limit (MHz) | Pass/Fail |
|                            |           |     |     |             | Ant1                  | Ant2  | Ant1         | Ant2  |                    |           |
| 11b                        | 1Mbps     | 1   | 1   | 2412        | 12.59                 | 12.60 | 8.08         | 8.09  | 0.50               | Pass      |
| 11b                        | 1Mbps     | 1   | 6   | 2437        | 12.63                 | 12.60 | 8.08         | 8.09  | 0.50               | Pass      |
| 11b                        | 1Mbps     | 1   | 11  | 2462        | 12.64                 | 12.65 | 8.08         | 8.08  | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 1   | 2412        | 17.99                 | 17.99 | 15.86        | 15.67 | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 6   | 2437        | 17.61                 | 17.60 | 15.84        | 15.95 | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 11  | 2462        | 17.97                 | 18.02 | 15.94        | 15.53 | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 1   | 2412        | 18.08                 | 18.05 | 16.52        | 17.28 | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 2   | 2417        | 17.68                 | 17.70 | 16.83        | 16.63 | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 6   | 2437        | 18.04                 | 18.07 | 17.15        | 16.98 | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 11  | 2462        | 18.06                 | 18.11 | 16.99        | 17.25 | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Average Output Power**

| 2.4GHz Band Single Antenna |           |                 |     |             |                               |       |                             |       |          |      |                  |       |                        |       |            |
|----------------------------|-----------|-----------------|-----|-------------|-------------------------------|-------|-----------------------------|-------|----------|------|------------------|-------|------------------------|-------|------------|
| Mod.                       | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Average Conducted Power (dBm) |       | Conducted Power Limit (dBm) |       | DG (dBi) |      | EIRP Power (dBm) |       | EIRP Power Limit (dBm) |       | Pass /Fail |
|                            |           |                 |     |             | Ant1                          | Ant2  | Ant1                        | Ant2  | Ant1     | Ant2 | Ant1             | Ant2  | Ant1                   | Ant2  |            |
| 11b                        | 1Mbps     | 1               | 1   | 2412        | 17.46                         | 17.24 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.46            | 20.24 | 36.00                  | 36.00 | Pass       |
| 11b                        | 1Mbps     | 1               | 6   | 2437        | 17.34                         | 17.01 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.34            | 20.01 | 36.00                  | 36.00 | Pass       |
| 11b                        | 1Mbps     | 1               | 11  | 2462        | 17.41                         | 17.27 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.41            | 20.27 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1               | 1   | 2412        | 15.56                         | 15.54 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.56            | 18.54 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1               | 6   | 2437        | 17.44                         | 17.31 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.44            | 20.31 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1               | 11  | 2462        | 15.61                         | 15.47 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.61            | 18.47 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1               | 1   | 2412        | 15.36                         | 15.34 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.36            | 18.34 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1               | 2   | 2417        | 15.70                         | 15.55 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.70            | 18.55 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1               | 6   | 2437        | 17.44                         | 17.21 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.44            | 20.21 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1               | 11  | 2462        | 15.11                         | 15.07 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.11            | 18.07 | 36.00                  | 36.00 | Pass       |

**TEST RESULTS DATA**  
**Peak Output Power**

| 2.4GHz Band Single Antenna |           |     |     |             |                            |       |                             |       |          |      |                  |       |                        |       |            |
|----------------------------|-----------|-----|-----|-------------|----------------------------|-------|-----------------------------|-------|----------|------|------------------|-------|------------------------|-------|------------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) |       | Conducted Power Limit (dBm) |       | DG (dBi) |      | EIRP Power (dBm) |       | EIRP Power Limit (dBm) |       | Pass /Fail |
|                            |           |     |     |             | Ant1                       | Ant2  | Ant1                        | Ant2  | Ant1     | Ant2 | Ant1             | Ant2  | Ant1                   | Ant2  |            |
| 11b                        | 1Mbps     | 1   | 1   | 2412        | 19.32                      | 19.13 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.32            | 22.13 | 36.00                  | 36.00 | Pass       |
| 11b                        | 1Mbps     | 1   | 6   | 2437        | 19.29                      | 19.37 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.29            | 22.37 | 36.00                  | 36.00 | Pass       |
| 11b                        | 1Mbps     | 1   | 11  | 2462        | 19.06                      | 19.58 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.06            | 22.58 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1   | 1   | 2412        | 20.12                      | 20.13 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.12            | 23.13 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1   | 6   | 2437        | 21.79                      | 21.57 | 30.00                       | 30.00 | 3.00     | 3.00 | 24.79            | 24.57 | 36.00                  | 36.00 | Pass       |
| 11g                        | 6Mbps     | 1   | 11  | 2462        | 20.36                      | 20.78 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.36            | 23.78 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1   | 1   | 2412        | 19.02                      | 18.92 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.02            | 21.92 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1   | 2   | 2417        | 19.97                      | 19.75 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.97            | 22.75 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1   | 6   | 2437        | 20.69                      | 20.57 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.69            | 23.57 | 36.00                  | 36.00 | Pass       |
| HT20                       | MCS0      | 1   | 11  | 2462        | 18.86                      | 18.98 | 30.00                       | 30.00 | 3.00     | 3.00 | 21.86            | 21.98 | 36.00                  | 36.00 | Pass       |

**TEST RESULTS DATA**  
**Peak Power Spectral Density**

| 2.4GHz Band Single Antenna |           |                 |     |             |                     |        |          |      |                           |      |           |
|----------------------------|-----------|-----------------|-----|-------------|---------------------|--------|----------|------|---------------------------|------|-----------|
| Mod.                       | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Peak PSD (dBm/3kHz) |        | DG (dBi) |      | Peak PSD Limit (dBm/3kHz) |      | Pass/Fail |
|                            |           |                 |     |             | Ant1                | Ant2   | Ant1     | Ant2 | Ant1                      | Ant2 |           |
| 11b                        | 1Mbps     | 1               | 1   | 2412        | -6.62               | -6.55  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| 11b                        | 1Mbps     | 1               | 6   | 2437        | -6.15               | -5.64  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| 11b                        | 1Mbps     | 1               | 11  | 2462        | -6.74               | -5.84  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| 11g                        | 6Mbps     | 1               | 1   | 2412        | -10.46              | -10.69 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| 11g                        | 6Mbps     | 1               | 6   | 2437        | -8.05               | -8.34  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| 11g                        | 6Mbps     | 1               | 11  | 2462        | -9.69               | -9.83  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HT20                       | MCS0      | 1               | 1   | 2412        | -11.32              | -11.04 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HT20                       | MCS0      | 1               | 2   | 2417        | -9.22               | -10.53 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HT20                       | MCS0      | 1               | 6   | 2437        | -8.69               | -8.43  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HT20                       | MCS0      | 1               | 11  | 2462        | -10.78              | -10.92 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

| 2.4GHz Band Single Antenna |           |                 |     |             |           |                       |       |              |       |                    |           |
|----------------------------|-----------|-----------------|-----|-------------|-----------|-----------------------|-------|--------------|-------|--------------------|-----------|
| Mod.                       | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | RU Config | 99% Occupied BW (MHz) |       | 6dB BW (MHz) |       | 6dB BW Limit (MHz) | Pass/Fail |
|                            |           |                 |     |             |           | Ant1                  | Ant2  | Ant1         | Ant2  |                    |           |
| HE20                       | MCS0      | 1               | 1   | 2412        | Full      | 18.89                 | 18.96 | 17.47        | 18.27 | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 1   | 2412        | 26/0      | 18.10                 | 18.11 | 1.87         | 2.02  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 1   | 2412        | 52/37     | 17.88                 | 17.86 | 3.74         | 3.76  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 1   | 2412        | 106/53    | 17.79                 | 17.79 | 11.94        | 11.97 | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 6   | 2437        | Full      | 19.18                 | 18.97 | 18.60        | 18.61 | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 6   | 2437        | 26/4      | 16.52                 | 16.55 | 2.52         | 2.58  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 6   | 2437        | 52/38     | 16.61                 | 16.64 | 3.98         | 3.87  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 6   | 2437        | 106/53    | 18.16                 | 18.18 | 11.99        | 11.94 | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 11  | 2462        | Full      | 18.93                 | 18.89 | 17.47        | 18.10 | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 11  | 2462        | 26/8      | 18.07                 | 18.10 | 1.87         | 1.90  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 11  | 2462        | 52/40     | 17.90                 | 17.88 | 3.74         | 3.77  | 0.50               | Pass      |
| HE20                       | MCS0      | 1               | 11  | 2462        | 106/54    | 17.84                 | 17.84 | 10.12        | 12.31 | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Average Output Power**

| 2.4GHz Band Single Antenna |           |     |     |             |           |                               |       |                             |       |          |      |                  |       |                        |       |            |
|----------------------------|-----------|-----|-----|-------------|-----------|-------------------------------|-------|-----------------------------|-------|----------|------|------------------|-------|------------------------|-------|------------|
| Mod.                       | Data Rate | NTx | CH. | Freq. (MHz) | RU Config | Average Conducted Power (dBm) |       | Conducted Power Limit (dBm) |       | DG (dBi) |      | EIRP Power (dBm) |       | EIRP Power Limit (dBm) |       | Pass /Fail |
|                            |           |     |     |             |           | Ant1                          | Ant2  | Ant1                        | Ant2  | Ant1     | Ant2 | Ant1             | Ant2  | Ant1                   | Ant2  |            |
| HE20                       | MCS0      | 1   | 1   | 2412        | Full      | 13.16                         | 13.84 | 30.00                       | 30.00 | 3.00     | 3.00 | 16.16            | 16.84 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 26/0      | 12.06                         | 11.84 | 30.00                       | 30.00 | 3.00     | 3.00 | 15.06            | 14.84 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 52/37     | 11.46                         | 11.34 | 30.00                       | 30.00 | 3.00     | 3.00 | 14.46            | 14.34 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 106/53    | 12.86                         | 11.74 | 30.00                       | 30.00 | 3.00     | 3.00 | 15.86            | 14.74 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | Full      | 17.24                         | 17.21 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.24            | 20.21 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 26/4      | 17.14                         | 17.11 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.14            | 20.11 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 52/38     | 17.94                         | 17.81 | 30.00                       | 30.00 | 3.00     | 3.00 | 20.94            | 20.81 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 106/53    | 15.94                         | 15.71 | 30.00                       | 30.00 | 3.00     | 3.00 | 18.94            | 18.71 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | Full      | 13.21                         | 13.07 | 30.00                       | 30.00 | 3.00     | 3.00 | 16.21            | 16.07 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 26/8      | 11.31                         | 11.07 | 30.00                       | 30.00 | 3.00     | 3.00 | 14.31            | 14.07 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 52/40     | 10.91                         | 10.47 | 30.00                       | 30.00 | 3.00     | 3.00 | 13.91            | 13.47 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 106/54    | 12.21                         | 11.97 | 30.00                       | 30.00 | 3.00     | 3.00 | 15.21            | 14.97 | 36.00                  | 36.00 | Pass       |

**TEST RESULTS DATA**  
**Peak Output Power**

| 2.4GHz Band Single Antenna |           |     |     |             |           |                            |       |                             |       |          |      |                  |       |                        |       |            |
|----------------------------|-----------|-----|-----|-------------|-----------|----------------------------|-------|-----------------------------|-------|----------|------|------------------|-------|------------------------|-------|------------|
| Mod.                       | Data Rate | Ntx | CH. | Freq. (MHz) | RU Config | Peak Conducted Power (dBm) |       | Conducted Power Limit (dBm) |       | DG (dBi) |      | EIRP Power (dBm) |       | EIRP Power Limit (dBm) |       | Pass /Fail |
|                            |           |     |     |             |           | Ant1                       | Ant2  | Ant1                        | Ant2  | Ant1     | Ant2 | Ant1             | Ant2  | Ant1                   | Ant2  |            |
| HE20                       | MCS0      | 1   | 1   | 2412        | Full      | 20.12                      | 19.93 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.12            | 22.93 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 26/0      | 20.82                      | 20.73 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.82            | 23.73 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 52/37     | 20.62                      | 20.33 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.62            | 23.33 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 1   | 2412        | 106/53    | 20.92                      | 20.83 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.92            | 23.83 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | Full      | 21.49                      | 21.39 | 30.00                       | 30.00 | 3.00     | 3.00 | 24.49            | 24.39 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 26/4      | 22.69                      | 22.58 | 30.00                       | 30.00 | 3.00     | 3.00 | 25.69            | 25.58 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 52/38     | 22.59                      | 22.57 | 30.00                       | 30.00 | 3.00     | 3.00 | 25.59            | 25.57 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 6   | 2437        | 106/53    | 22.09                      | 22.07 | 30.00                       | 30.00 | 3.00     | 3.00 | 25.09            | 25.07 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | Full      | 20.62                      | 19.88 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.62            | 22.88 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 26/8      | 20.76                      | 20.78 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.76            | 23.78 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 52/40     | 19.26                      | 19.08 | 30.00                       | 30.00 | 3.00     | 3.00 | 22.26            | 22.08 | 36.00                  | 36.00 | Pass       |
| HE20                       | MCS0      | 1   | 11  | 2462        | 106/54    | 20.56                      | 20.98 | 30.00                       | 30.00 | 3.00     | 3.00 | 23.56            | 23.98 | 36.00                  | 36.00 | Pass       |

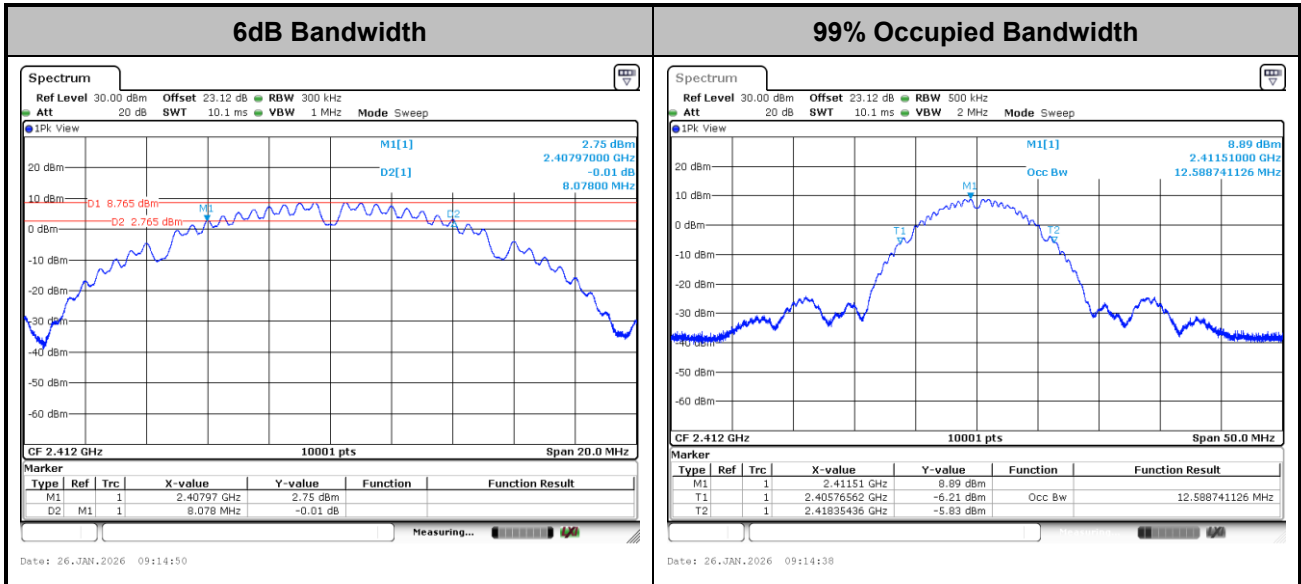
**TEST RESULTS DATA**  
**Peak Power Spectral Density**

| 2.4GHz Band Single Antenna |           |     |     |             |           |                     |        |          |      |                           |      |           |
|----------------------------|-----------|-----|-----|-------------|-----------|---------------------|--------|----------|------|---------------------------|------|-----------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | RU Config | Peak PSD (dBm/3kHz) |        | DG (dBi) |      | Peak PSD Limit (dBm/3kHz) |      | Pass/Fail |
|                            |           |     |     |             |           | Ant1                | Ant2   | Ant1     | Ant2 | Ant1                      | Ant2 |           |
| HE20                       | MCS0      | 1   | 1   | 2412        | Full      | -13.37              | -13.69 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 1   | 2412        | 26/0      | -6.12               | -6.59  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 1   | 2412        | 52/37     | -10.03              | -10.90 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 1   | 2412        | 106/53    | -9.86               | -11.15 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 6   | 2437        | Full      | -9.61               | -9.74  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 6   | 2437        | 26/4      | -1.73               | -2.12  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 6   | 2437        | 52/38     | -3.78               | -4.50  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 6   | 2437        | 106/53    | -7.87               | -7.87  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 11  | 2462        | Full      | -12.76              | -12.99 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 11  | 2462        | 26/8      | -7.27               | -6.86  | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 11  | 2462        | 52/40     | -10.91              | -10.52 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |
| HE20                       | MCS0      | 1   | 11  | 2462        | 106/54    | -11.86              | -11.76 | 3.00     | 3.00 | 8.00                      | 8.00 | Pass      |

**6dB and 99% Occupied Bandwidth**

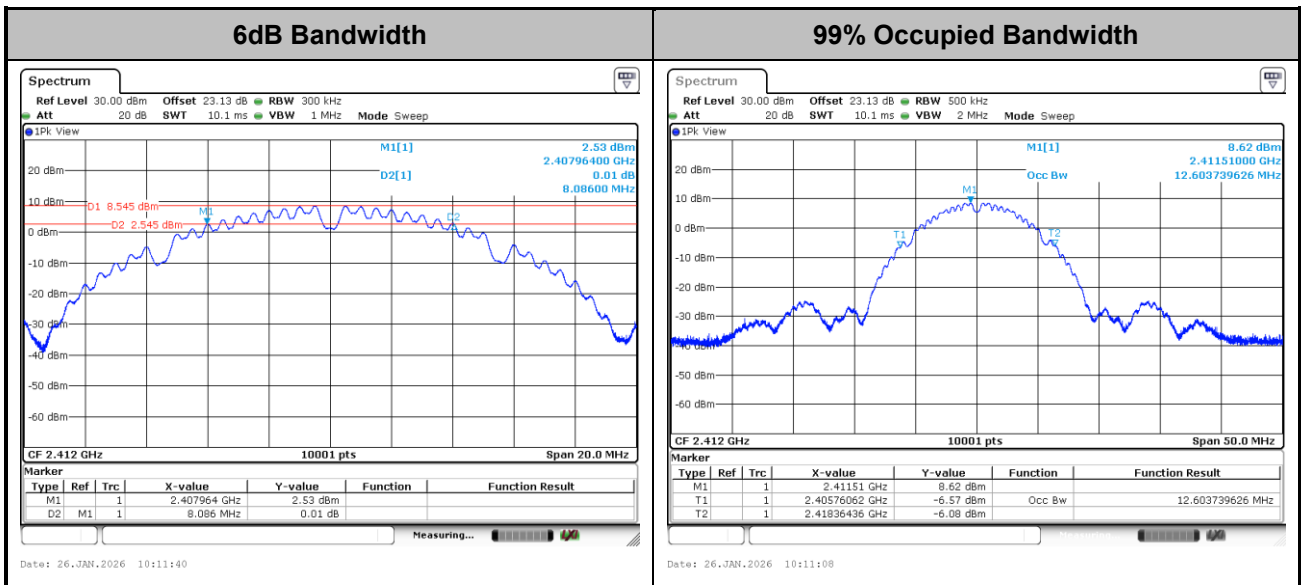
&lt;802.11b&gt;

SISO &lt;Ant. 1&gt;



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

SISO &lt;Ant. 2&gt;

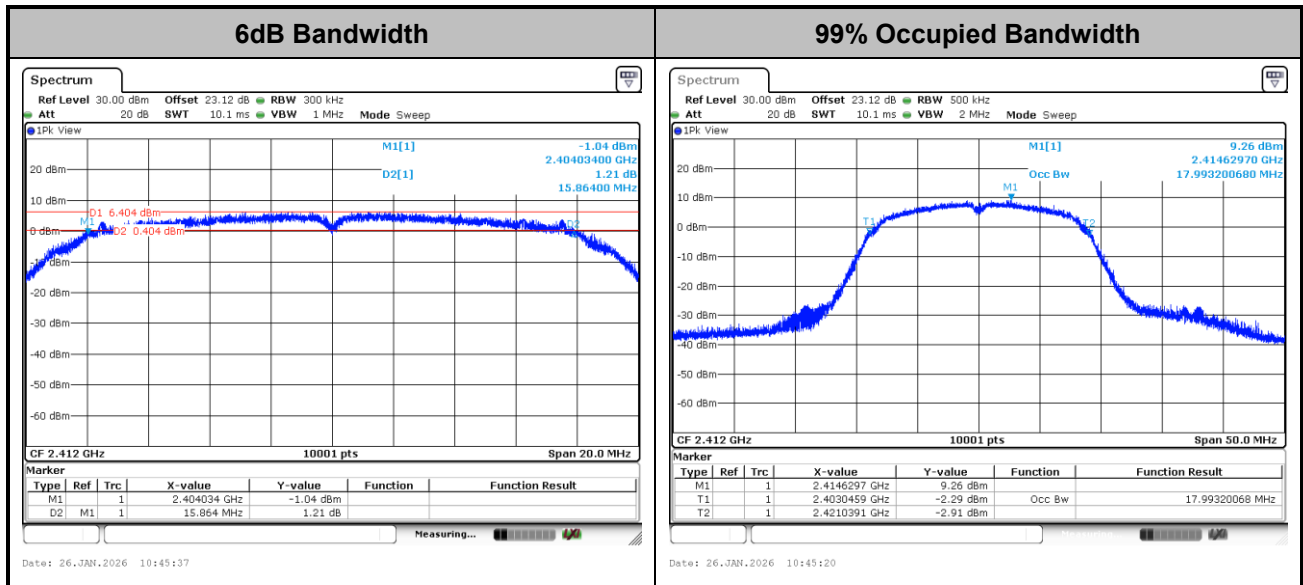


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



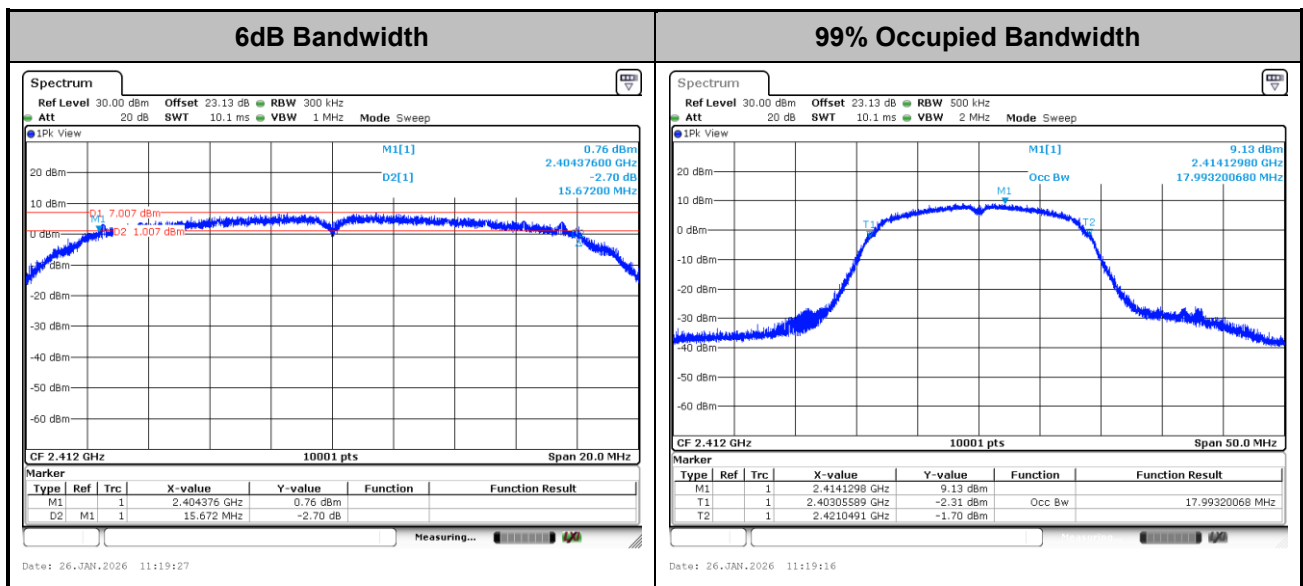
&lt;802.11g&gt;

SISO &lt;Ant. 1&gt;



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

SISO &lt;Ant. 2&gt;

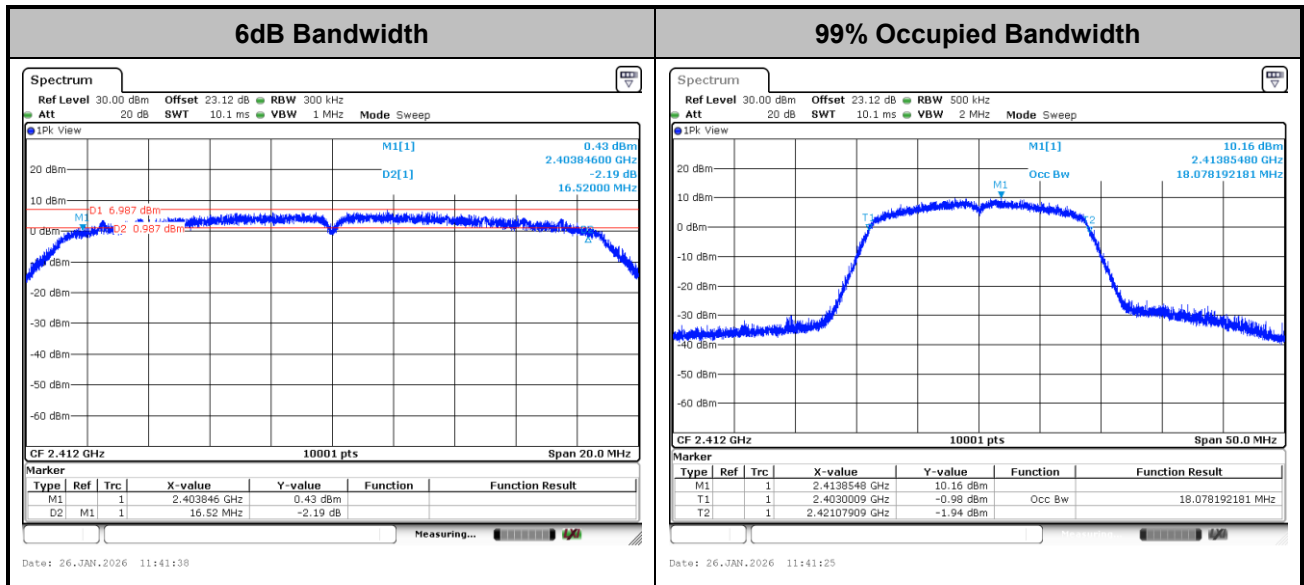


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



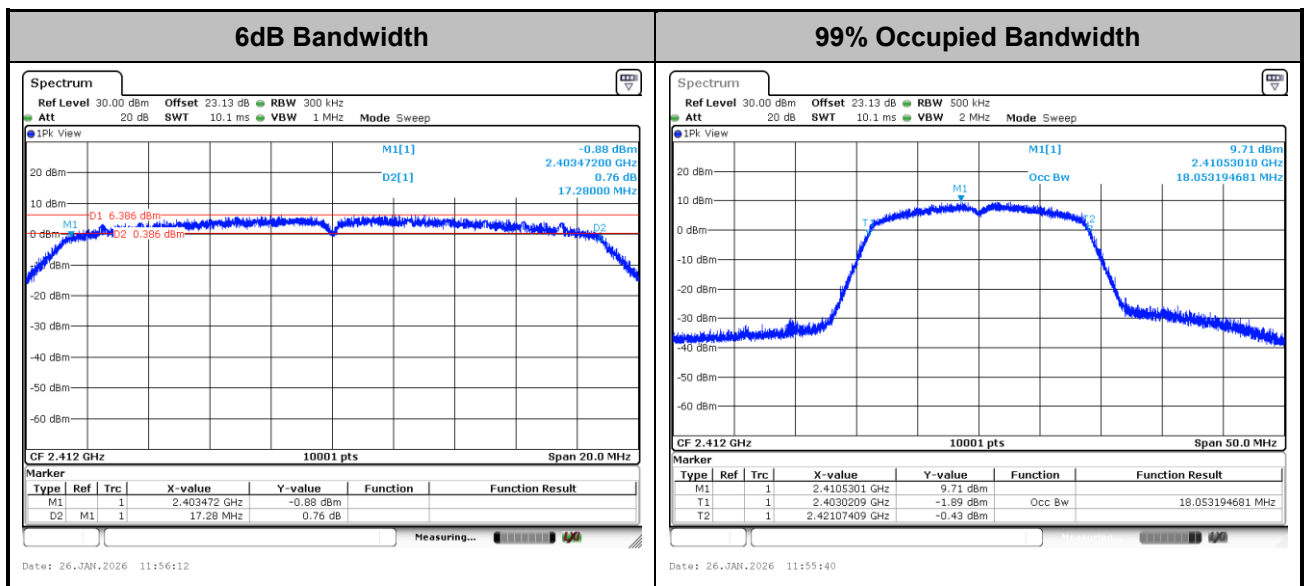
&lt;802.11gN HT20&gt;

SISO &lt;Ant. 1&gt;



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

SISO &lt;Ant. 2&gt;

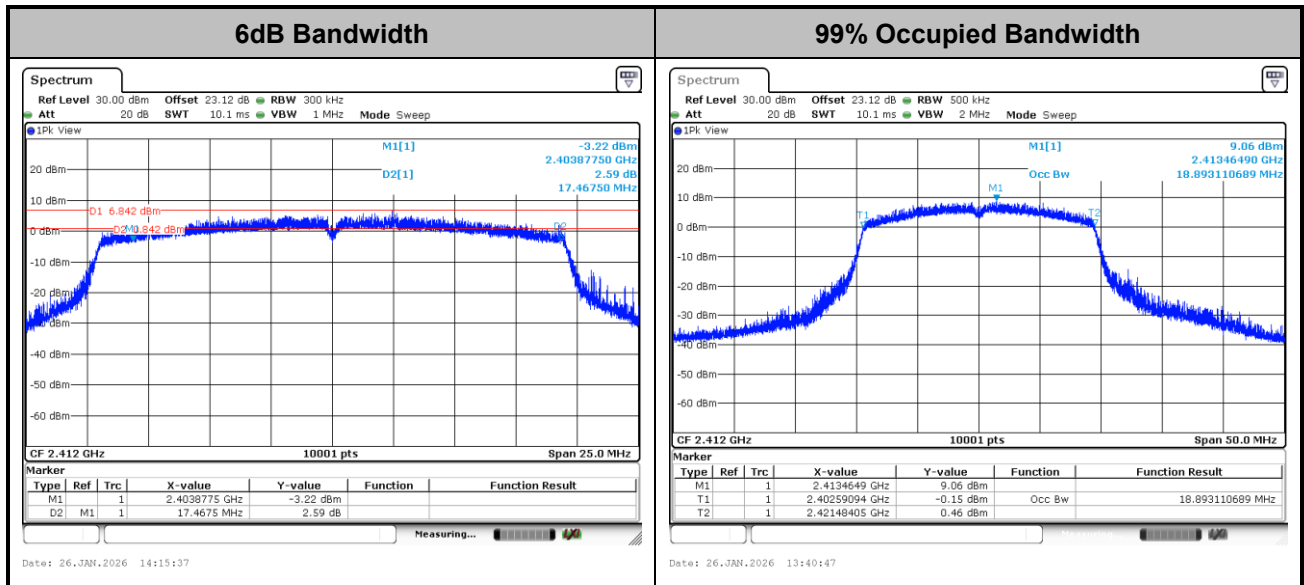


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



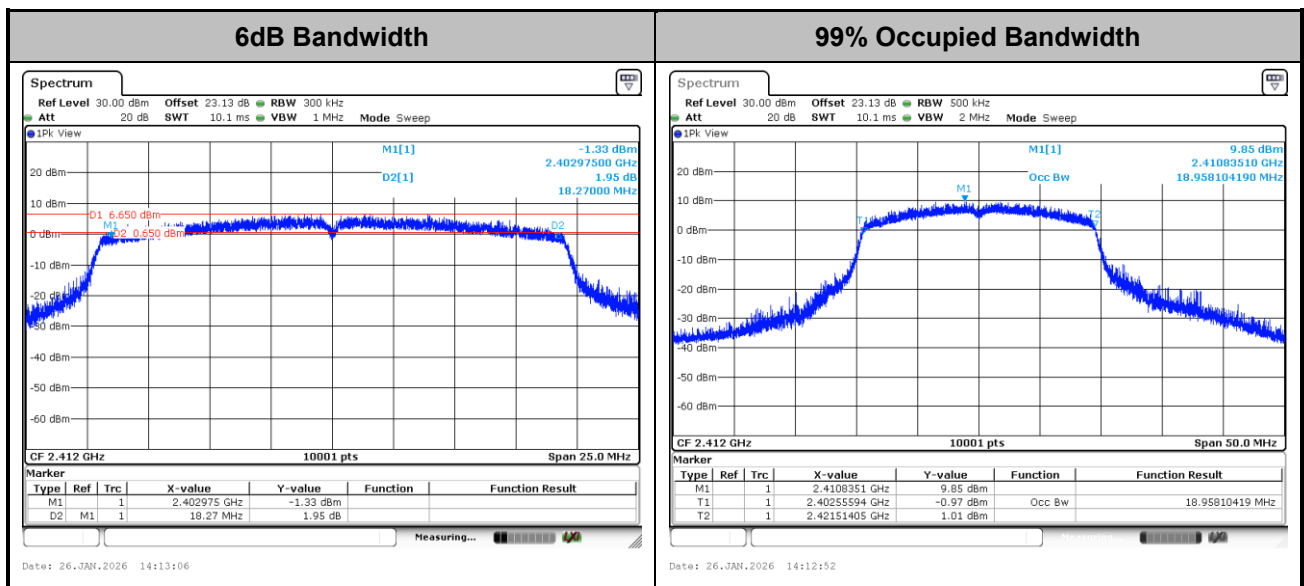
&lt;802.11ax HE20&gt;

SISO &lt;Ant. 1&gt;



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

SISO &lt;Ant. 2&gt;

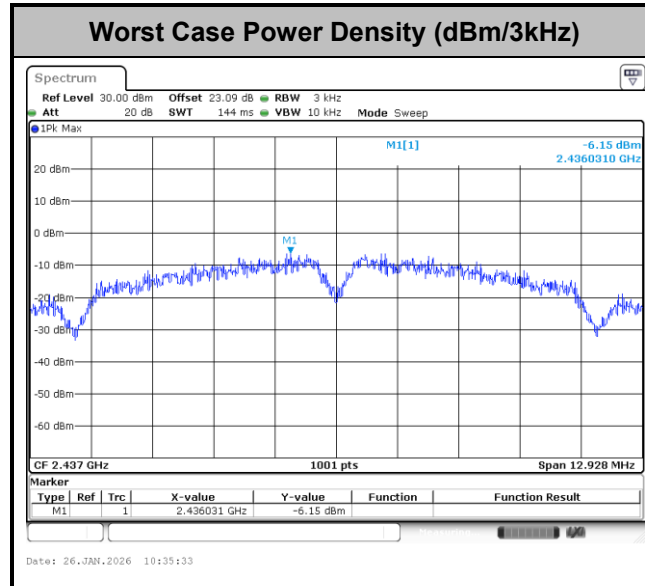


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

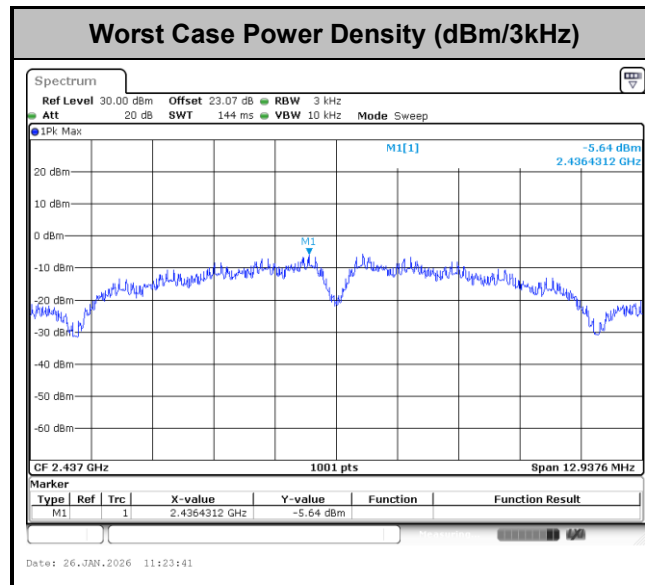
**Power Spectral Density(dBm/3kHz)**

&lt;802.11b&gt;

SISO &lt;Ant. 1&gt;



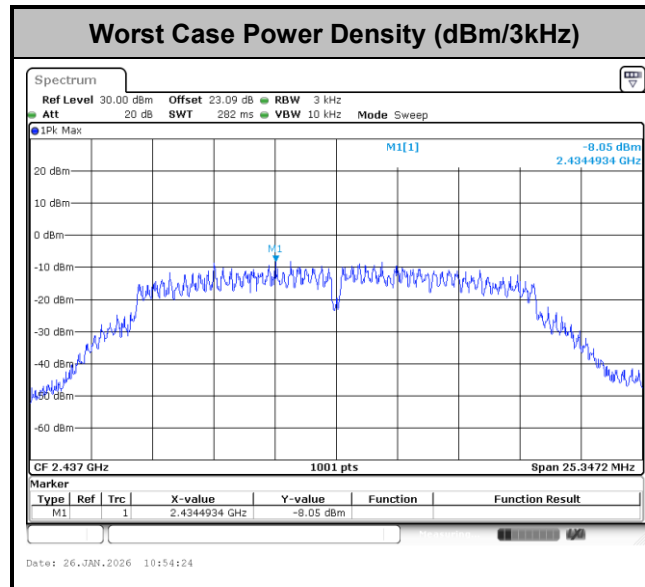
SISO &lt;Ant. 2&gt;



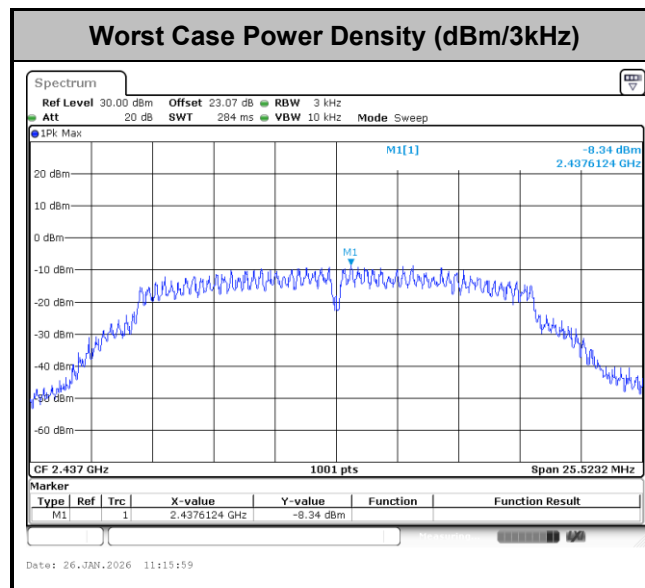


<802.11g>

SISO <Ant. 1>



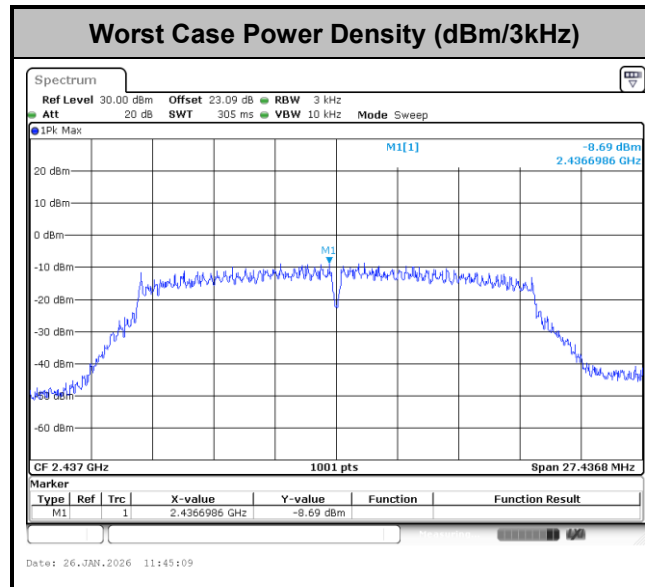
SISO <Ant. 2>



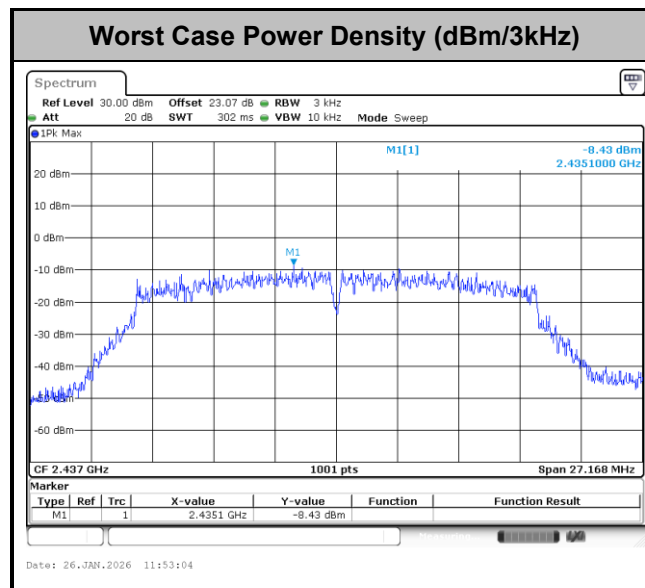


<802.11gN HT20>

SISO <Ant. 1>



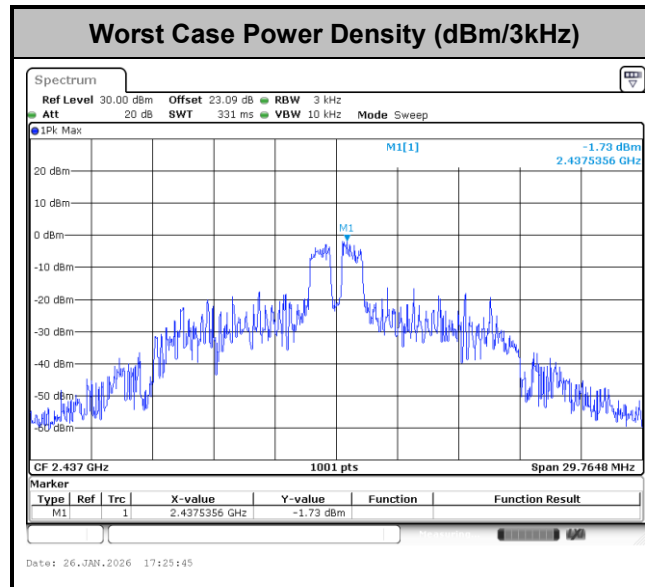
SISO <Ant. 2>



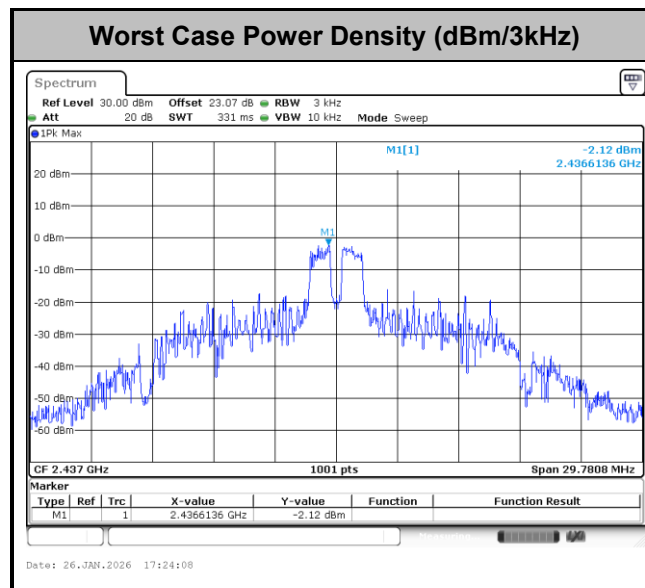


<802.11ax HE20>

SISO <Ant. 1>

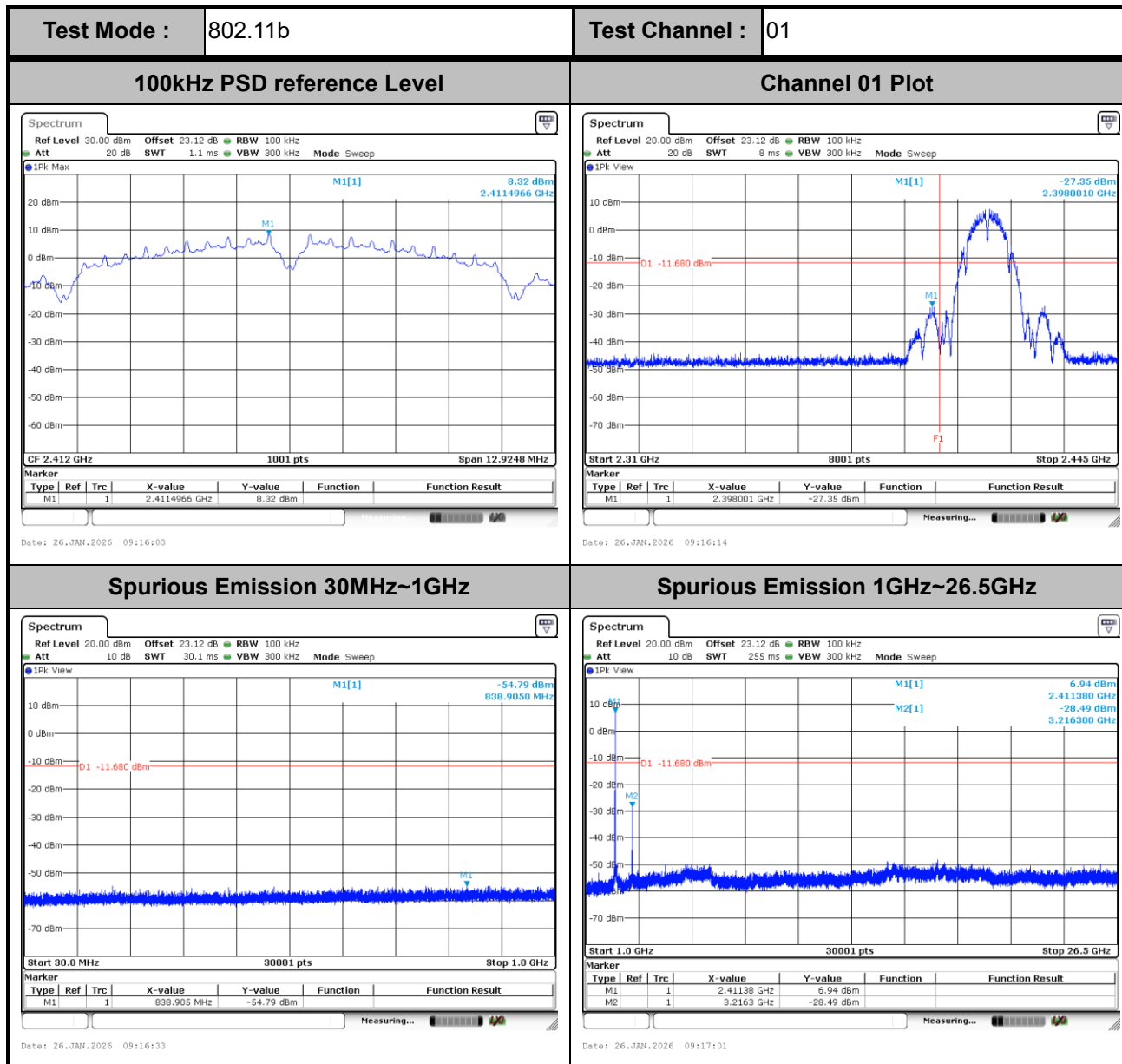


SISO <Ant. 2>



**Band Edges and Spurious Emission**

Number of TX = 1, Ant. 1 (Measured)

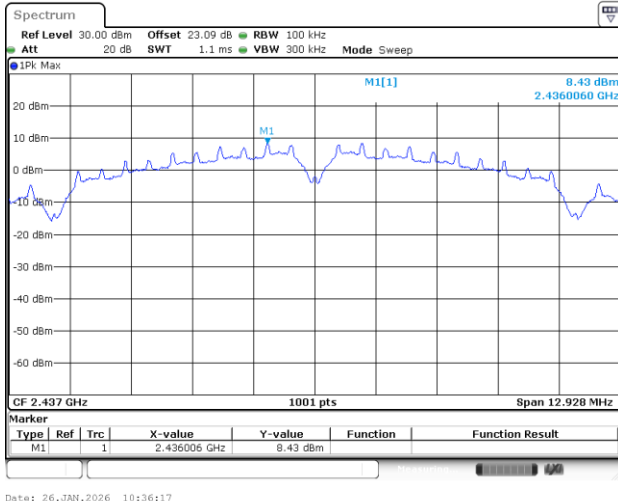




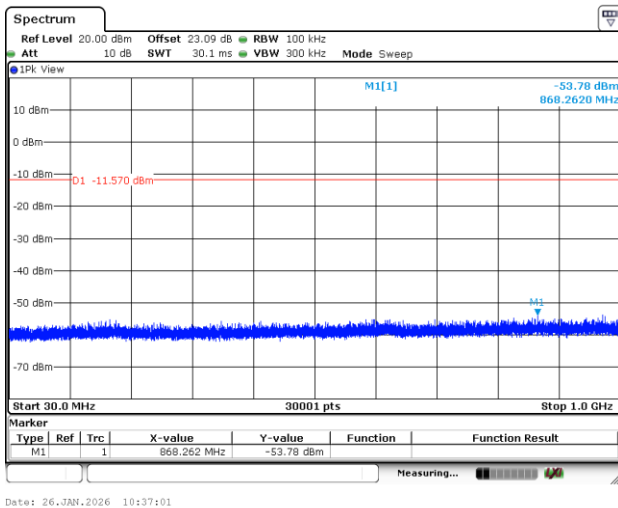
Test Mode : 802.11b

Test Channel : 06

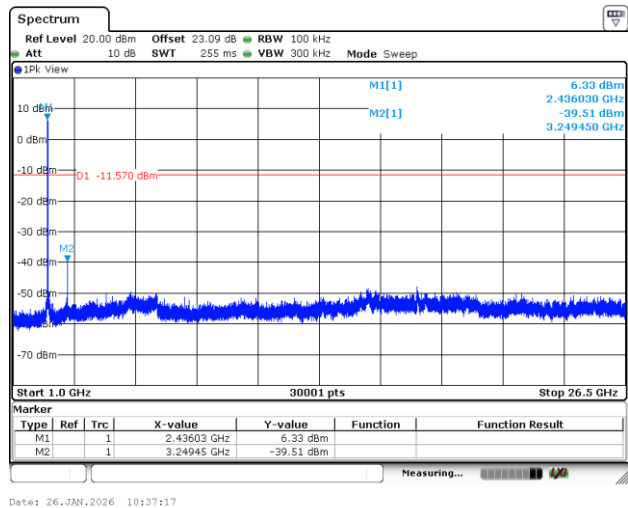
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

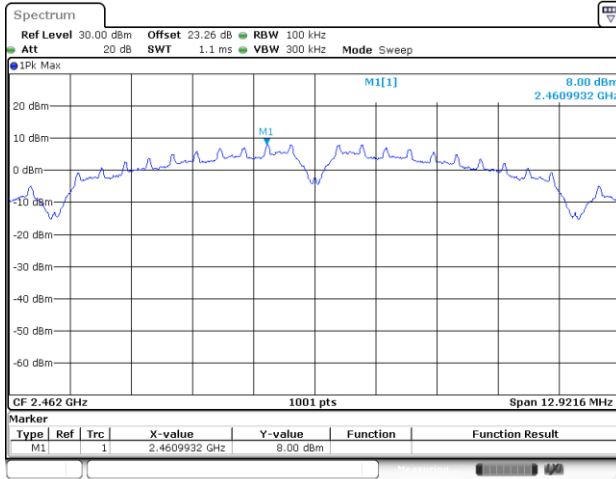




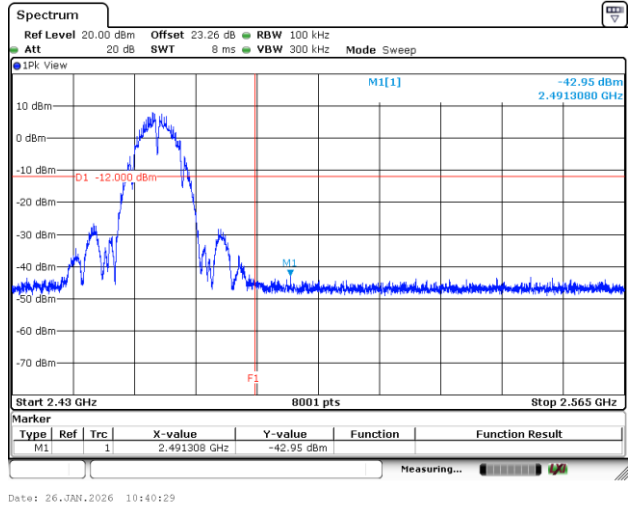
Test Mode : 802.11b

Test Channel : 11

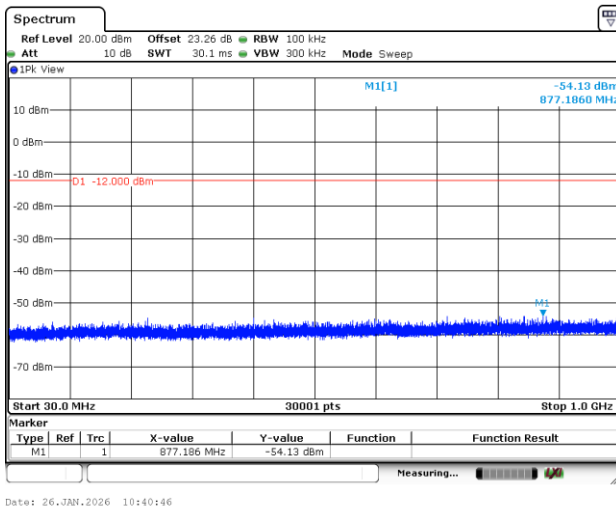
## 100kHz PSD reference Level



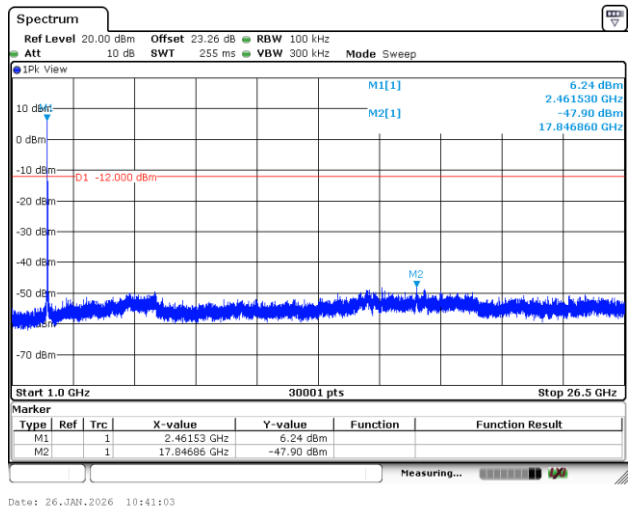
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

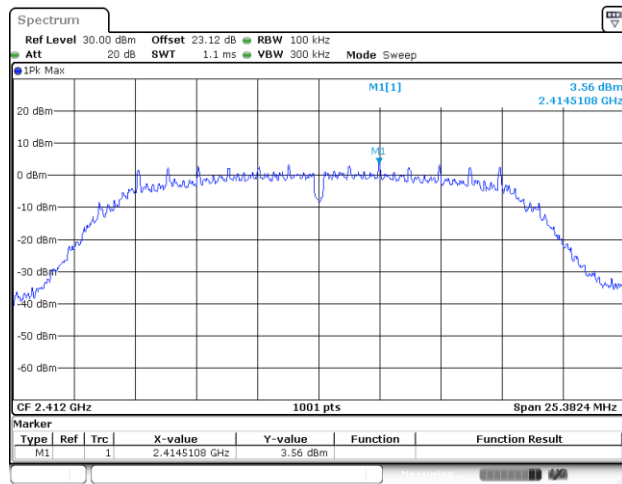




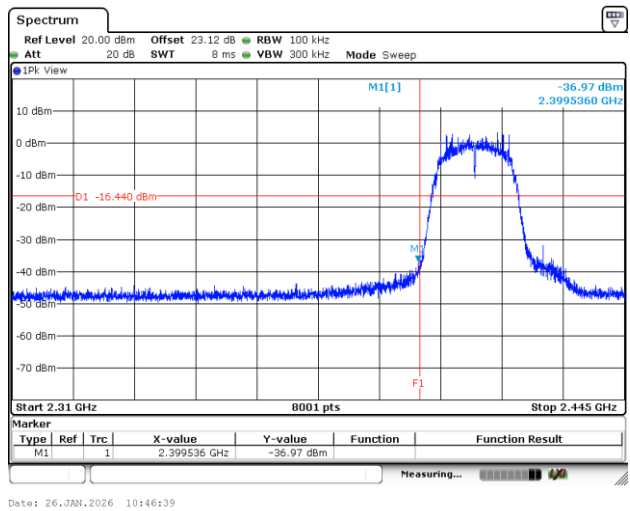
Test Mode : 802.11g

Test Channel : 01

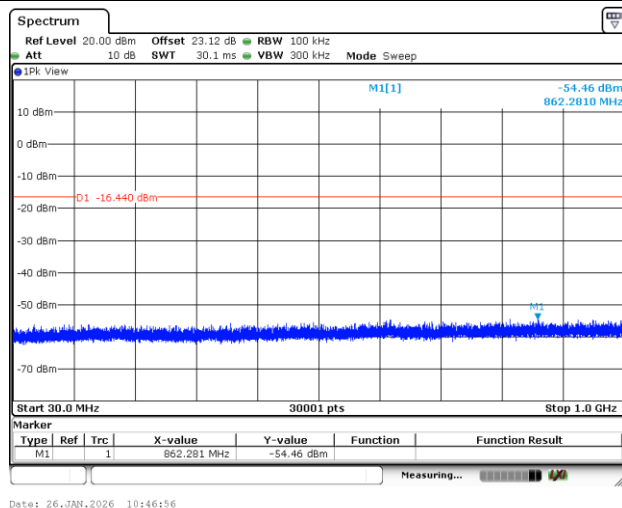
## 100kHz PSD reference Level



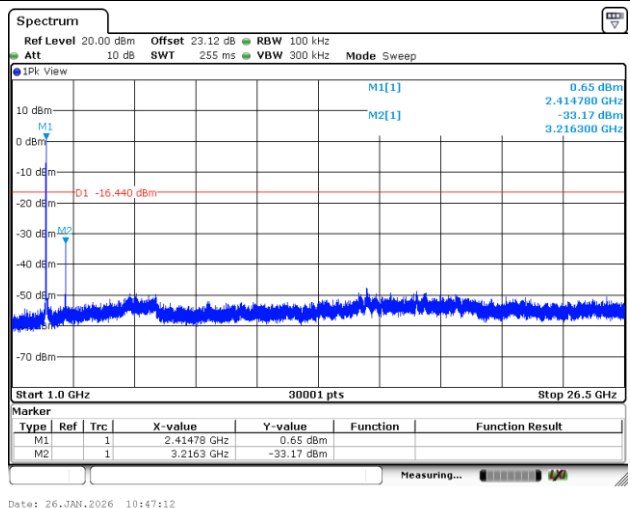
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

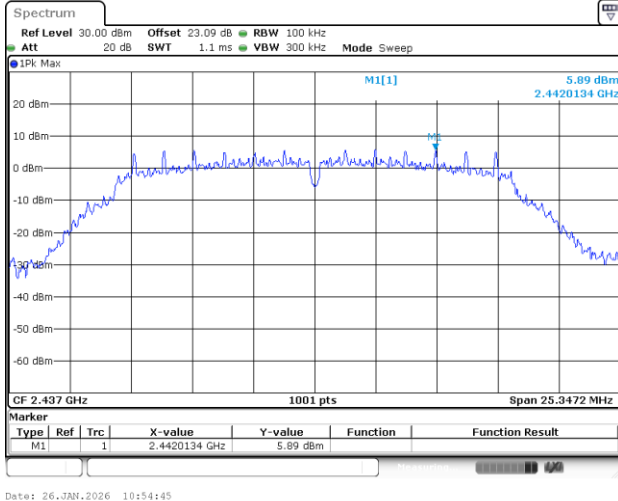




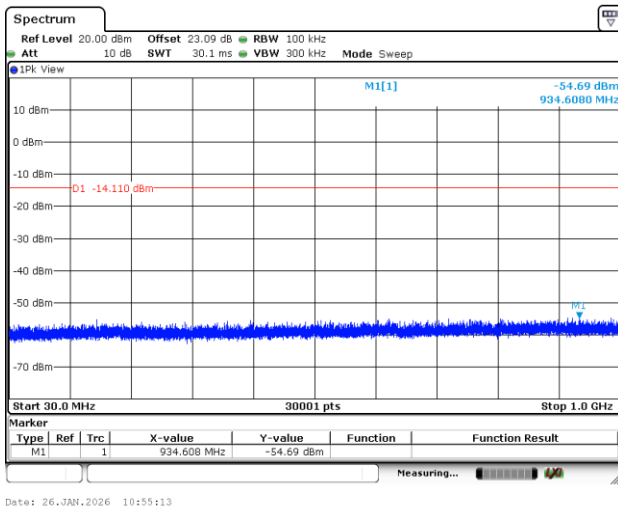
Test Mode : 802.11g

Test Channel : 06

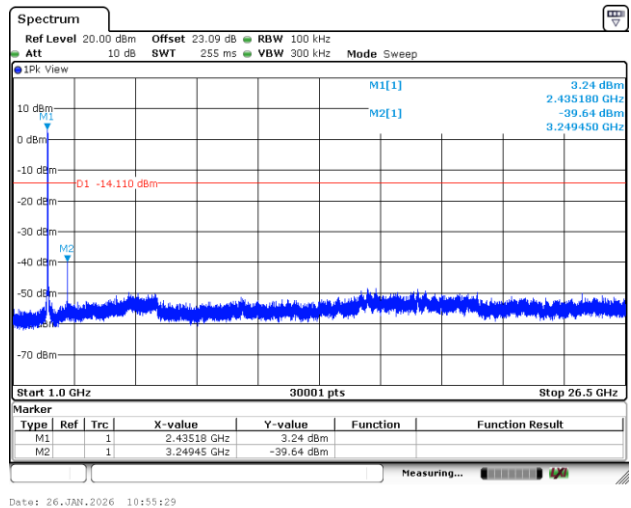
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

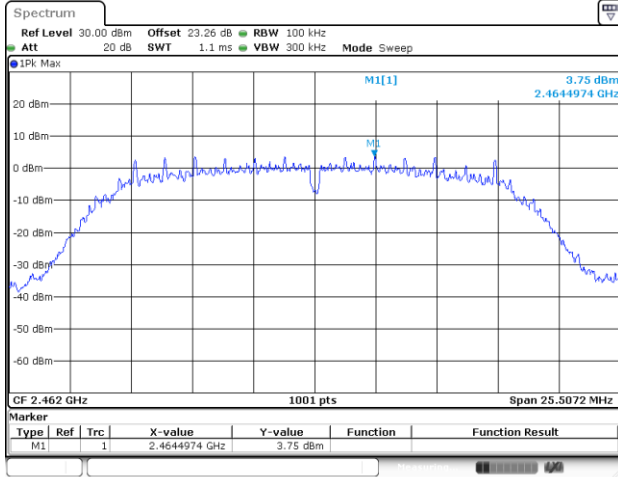




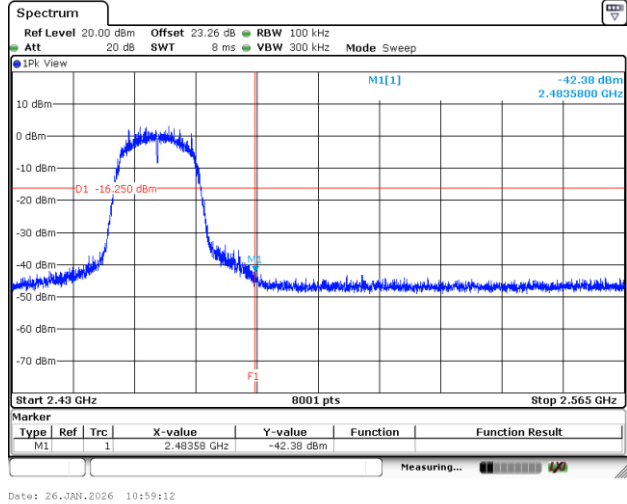
Test Mode : 802.11g

Test Channel : 11

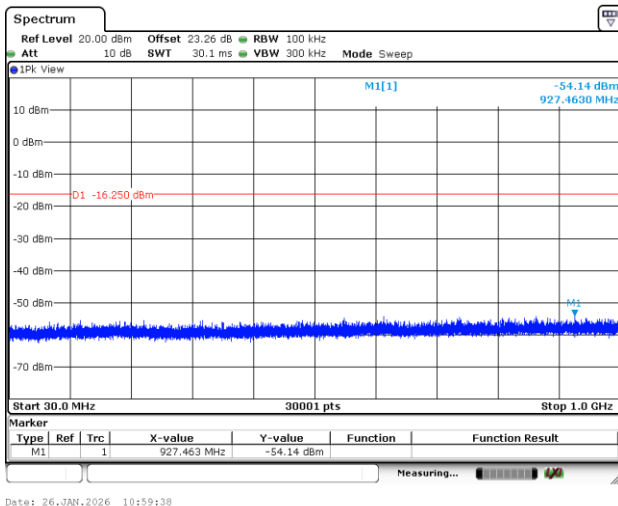
## 100kHz PSD reference Level



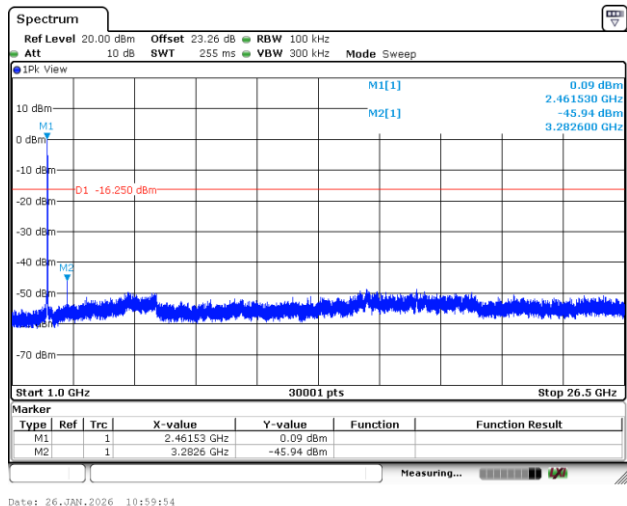
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

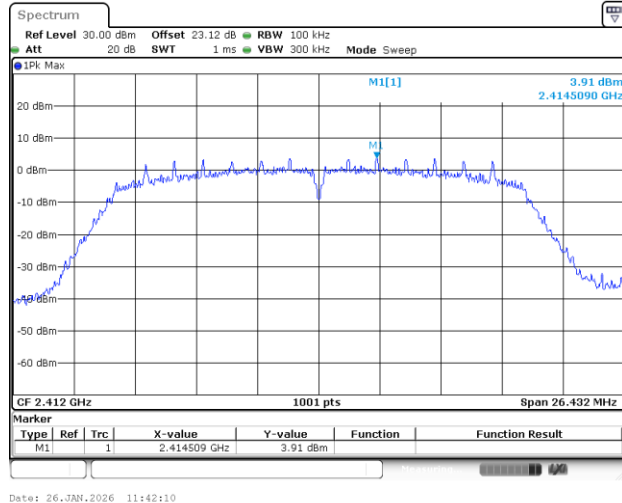




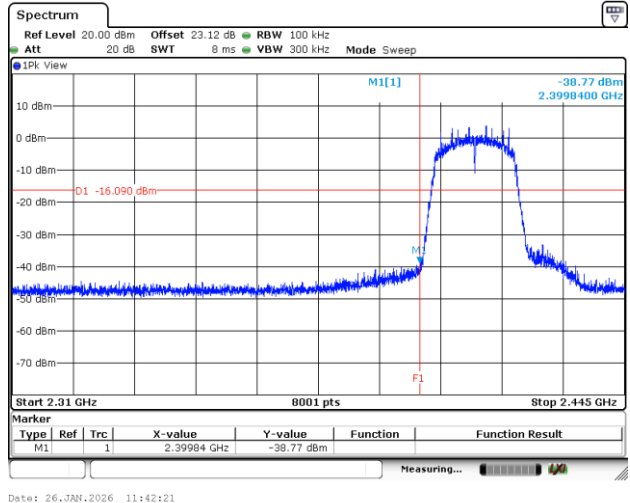
Test Mode : 802.11gN20

Test Channel : 01

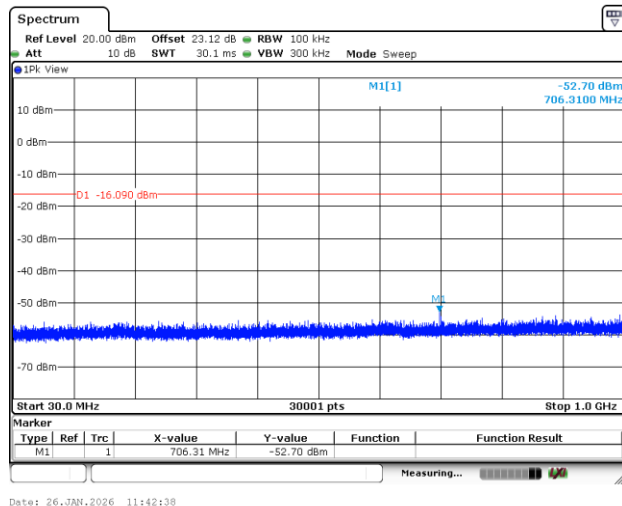
## 100kHz PSD reference Level



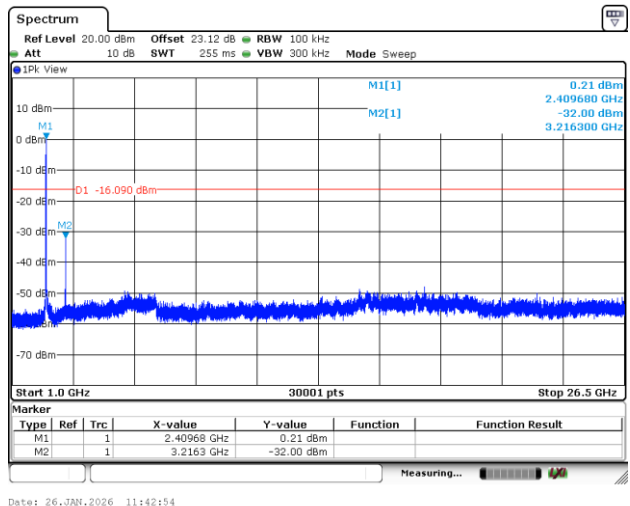
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

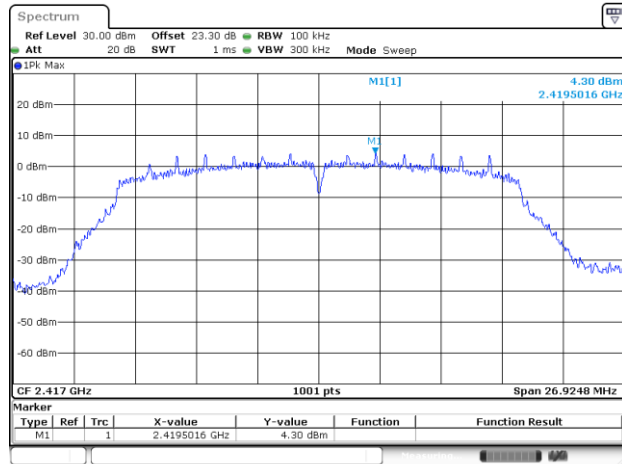




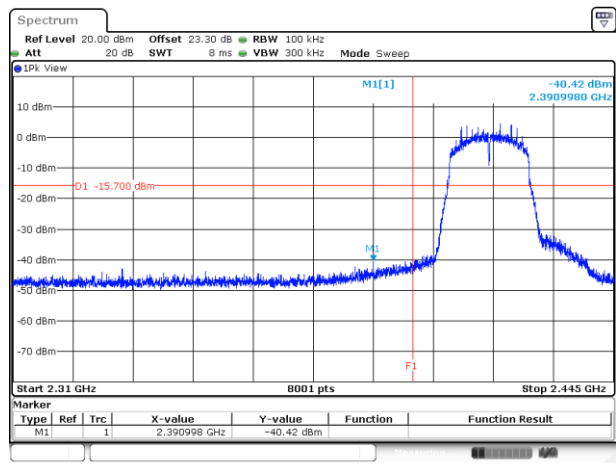
Test Mode : 802.11gN20

Test Channel : 02

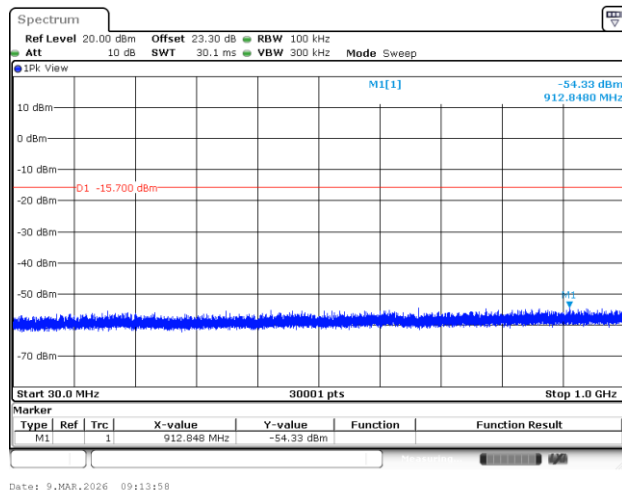
## 100kHz PSD reference Level



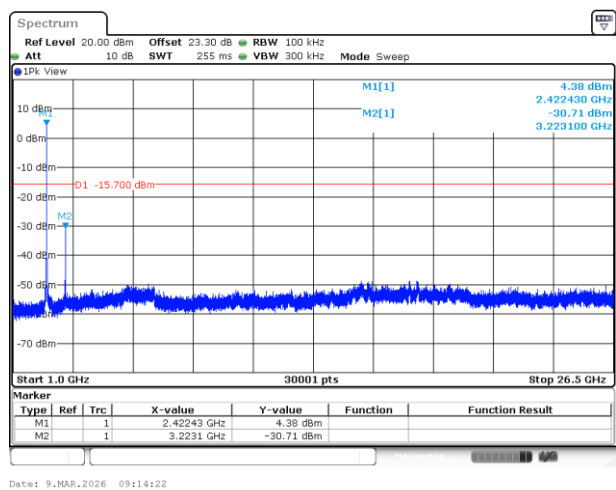
## Channel 02 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

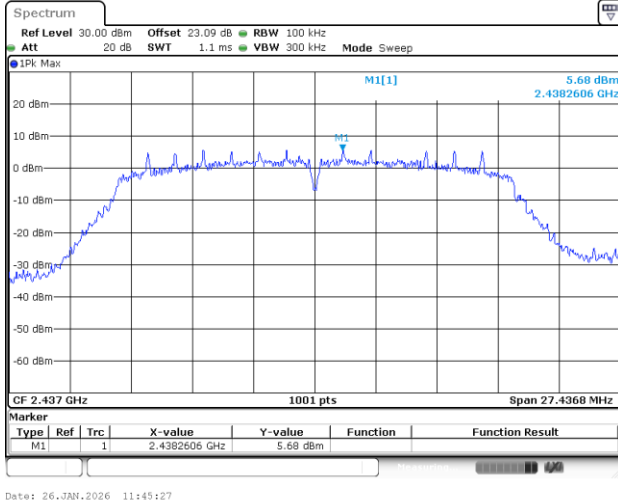




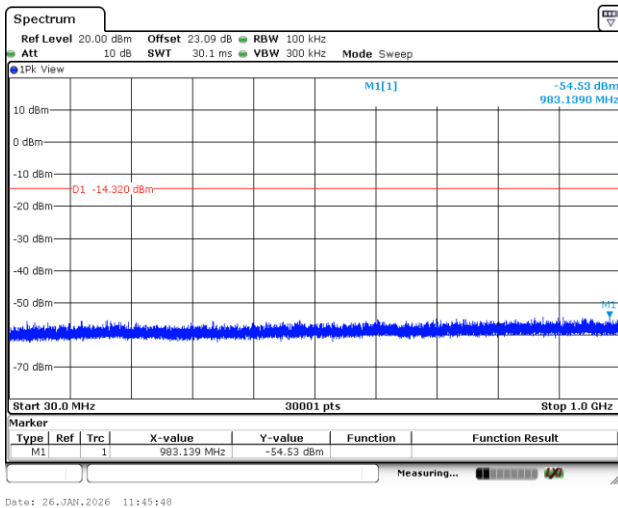
Test Mode : 802.11gN20

Test Channel : 06

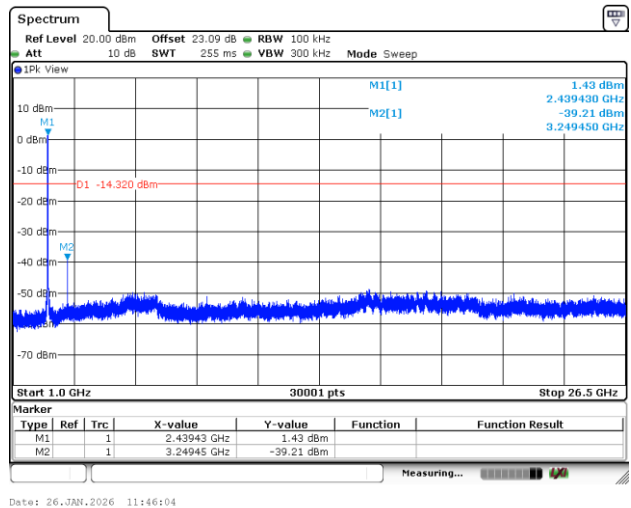
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

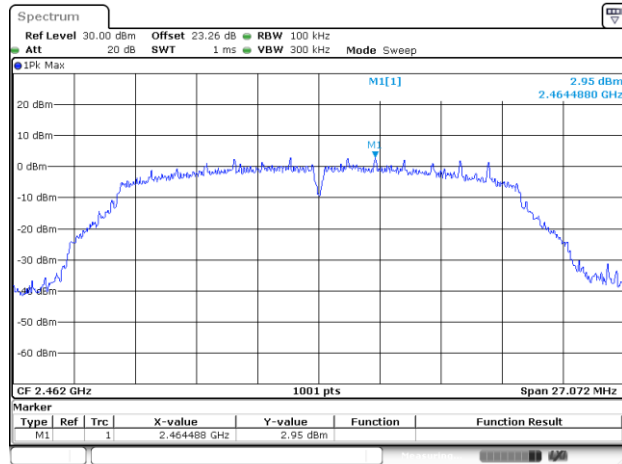




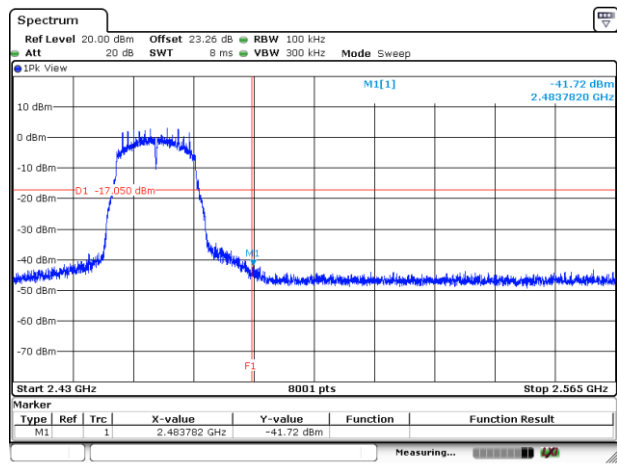
Test Mode : 802.11gN20

Test Channel : 11

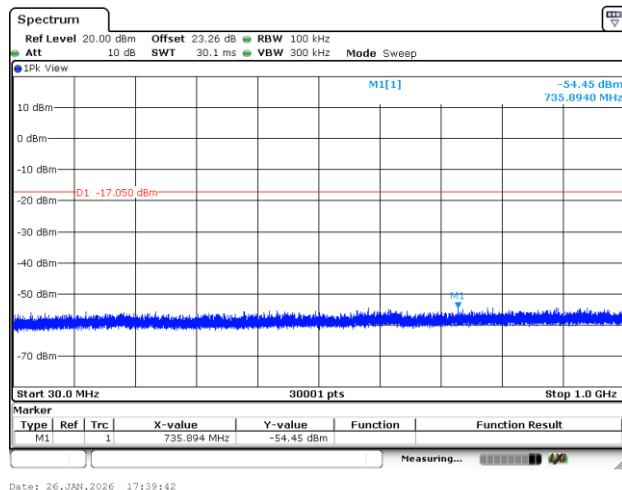
## 100kHz PSD reference Level



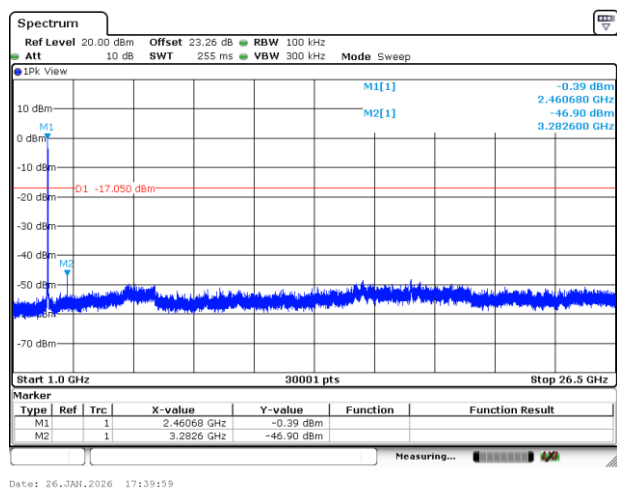
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

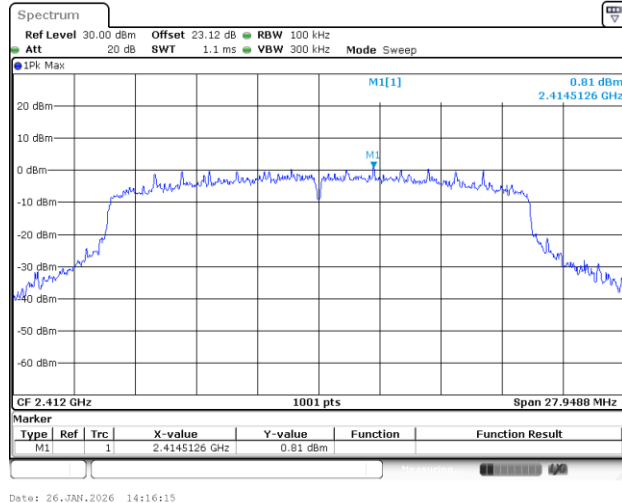




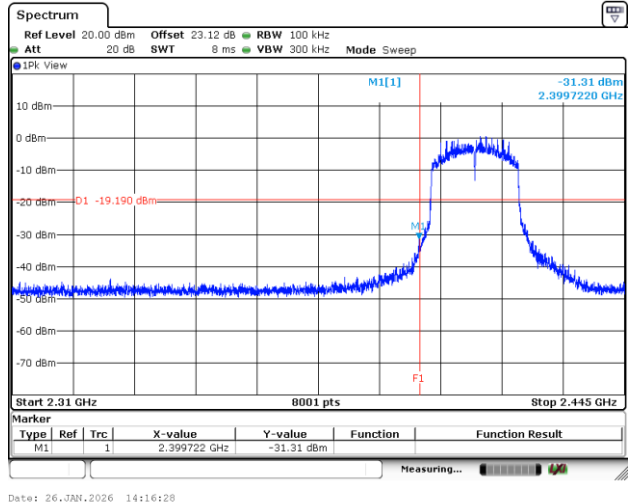
Test Mode : 802.11ax20\_FullIRU

Test Channel : 01

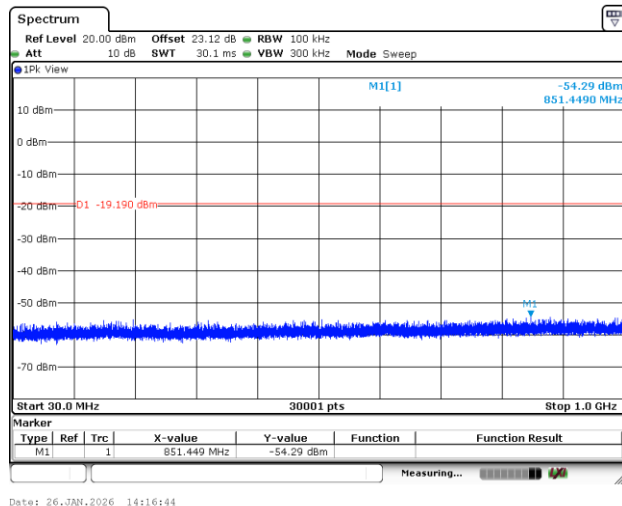
## 100kHz PSD reference Level



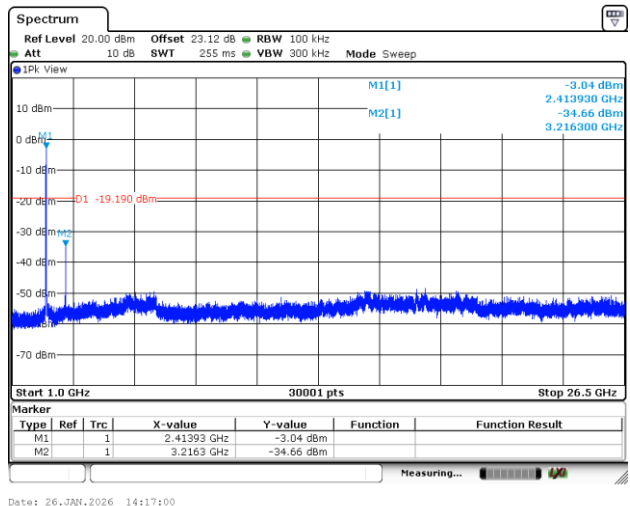
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

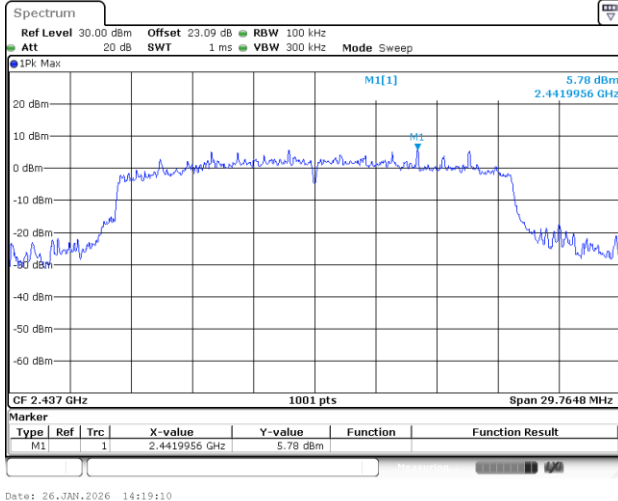




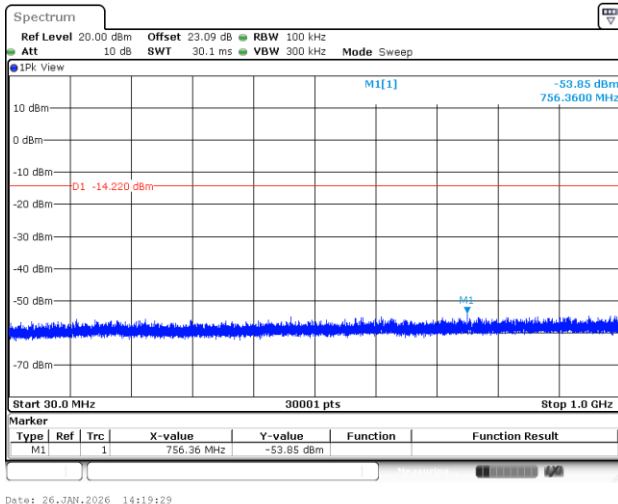
Test Mode : 802.11ax20\_FullIRU

Test Channel : 06

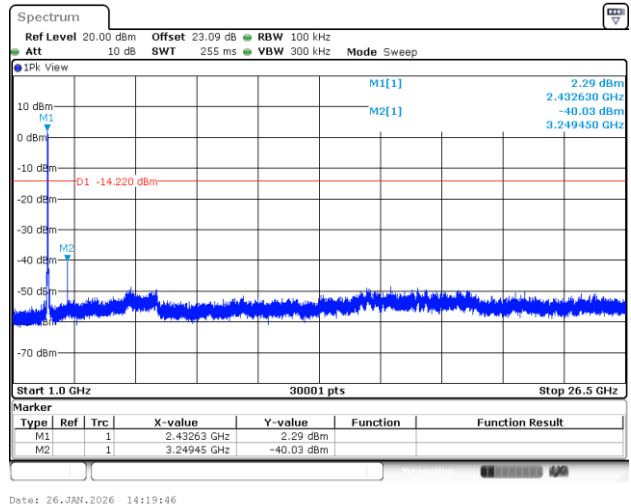
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

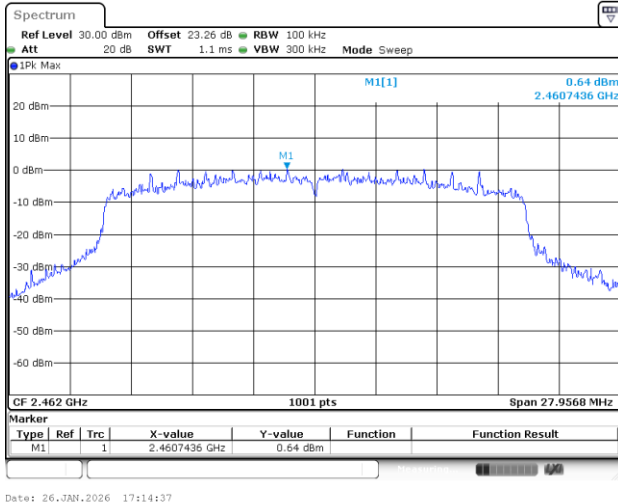




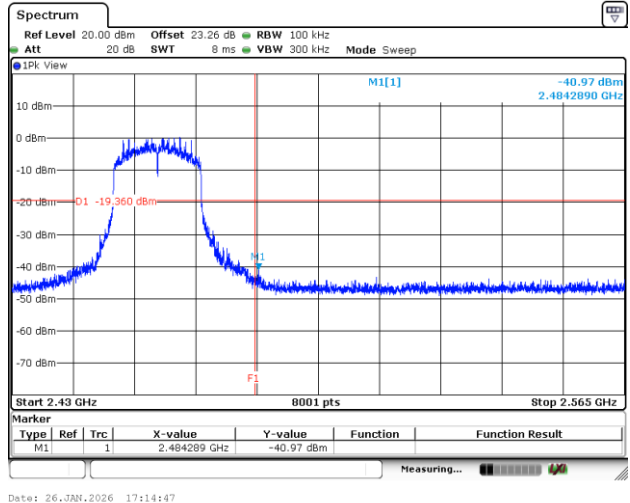
Test Mode : 802.11ax20\_FullIRU

Test Channel : 11

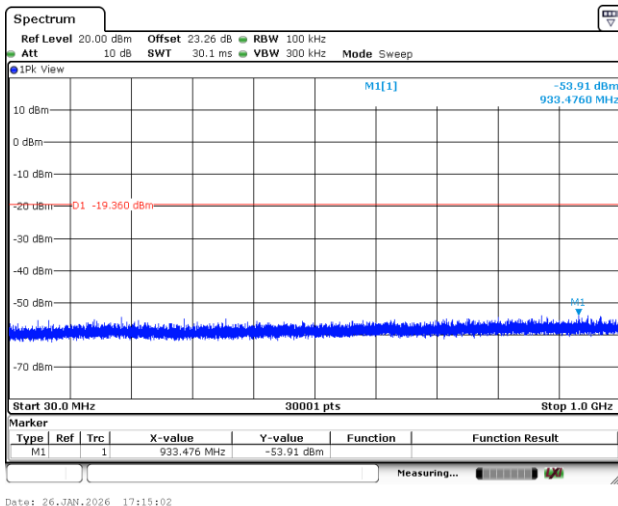
## 100kHz PSD reference Level



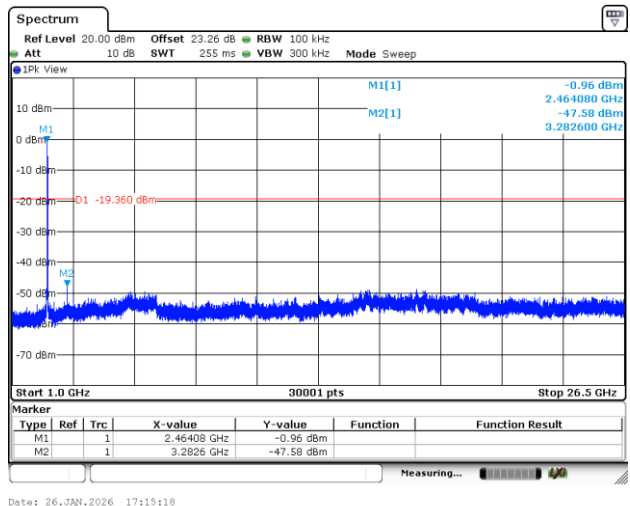
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

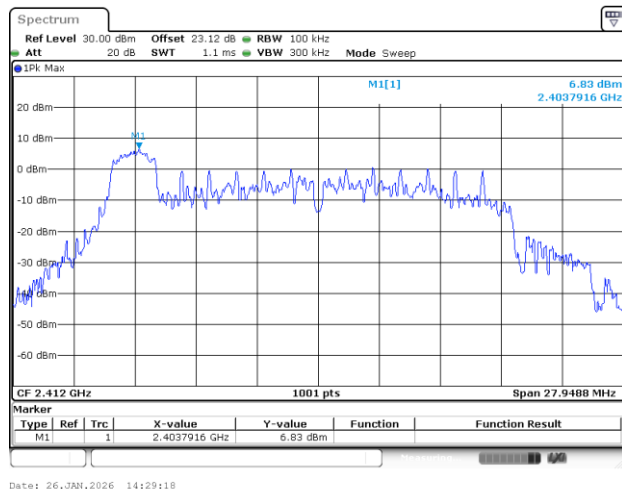




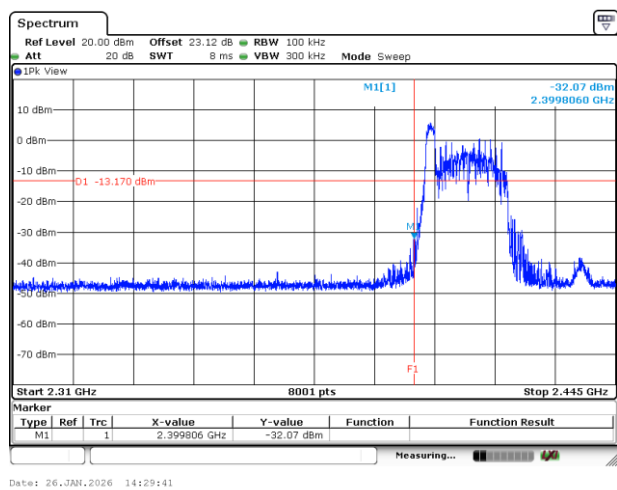
Test Mode : 802.11ax20\_26RU

Test Channel : 01

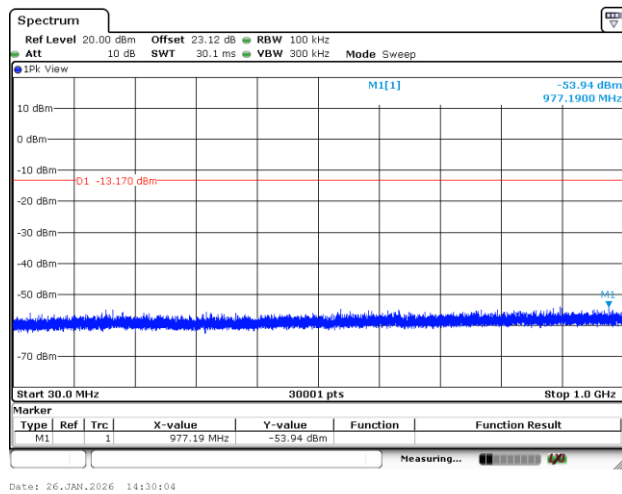
## 100kHz PSD reference Level



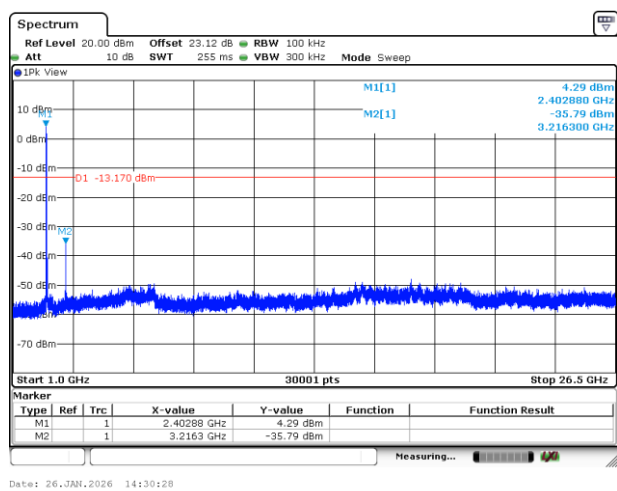
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

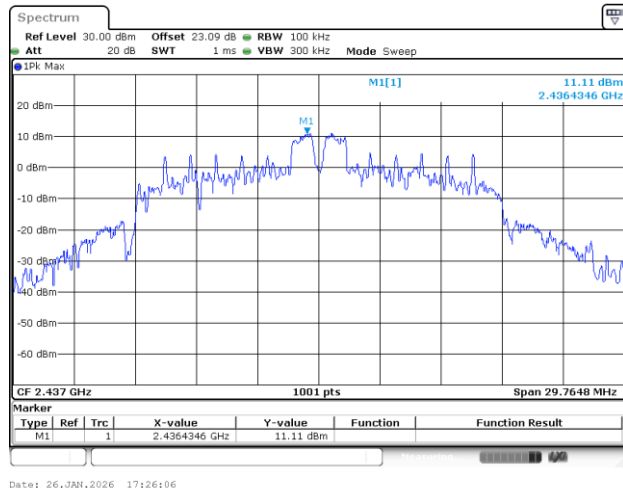




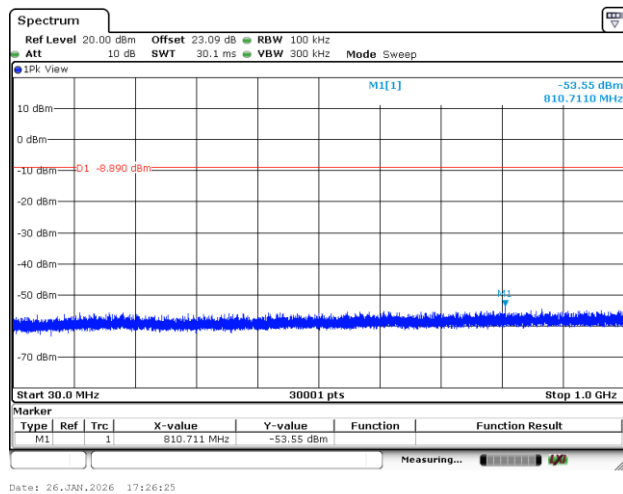
Test Mode : 802.11ax20\_26RU

Test Channel : 06

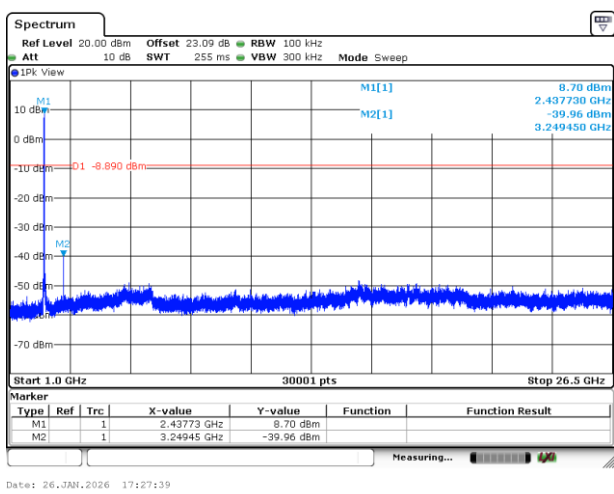
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

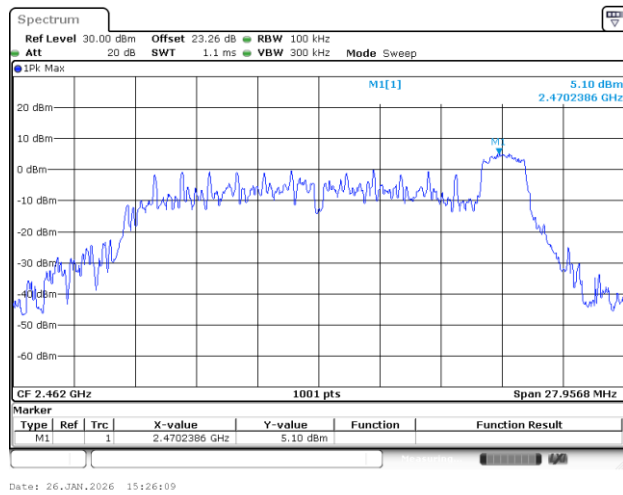




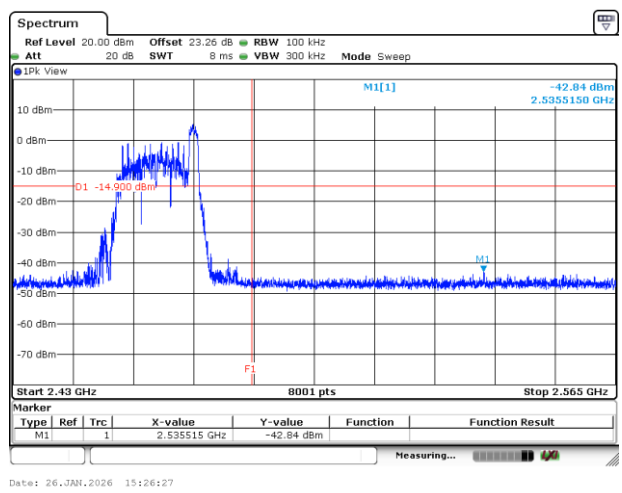
Test Mode : 802.11ax20\_26RU

Test Channel : 11

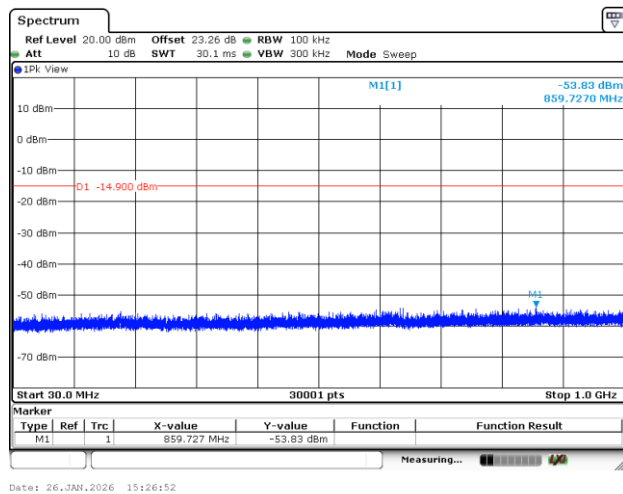
## 100kHz PSD reference Level



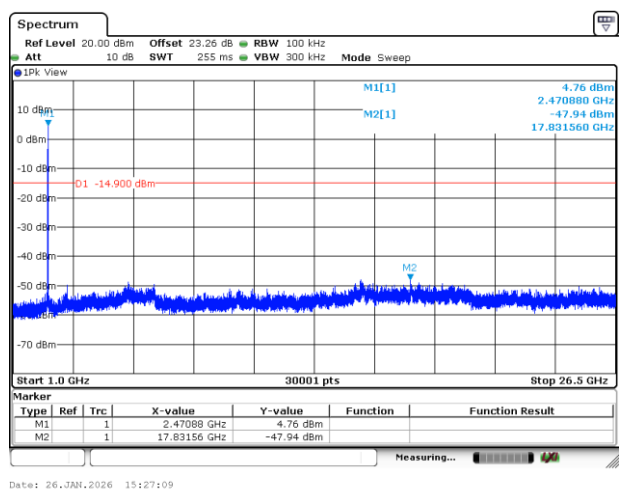
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

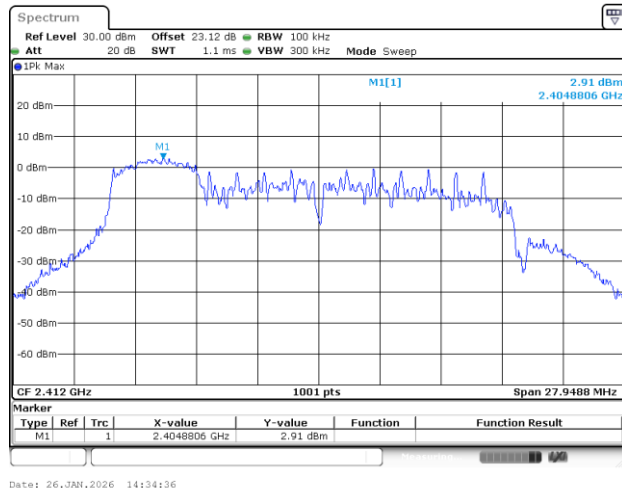




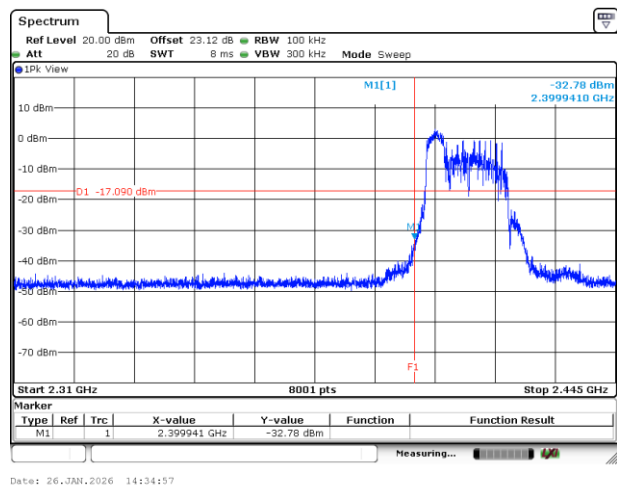
Test Mode : 802.11ax20\_52RU

Test Channel : 1

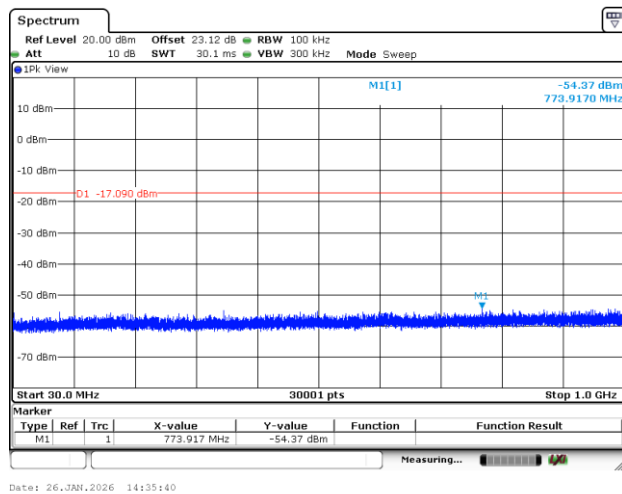
## 100kHz PSD reference Level



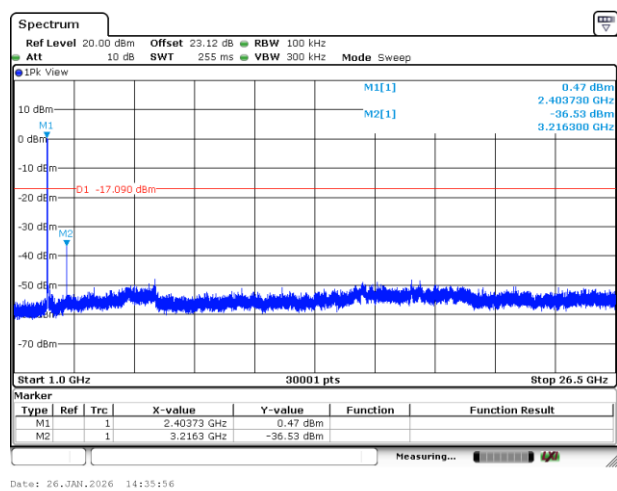
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

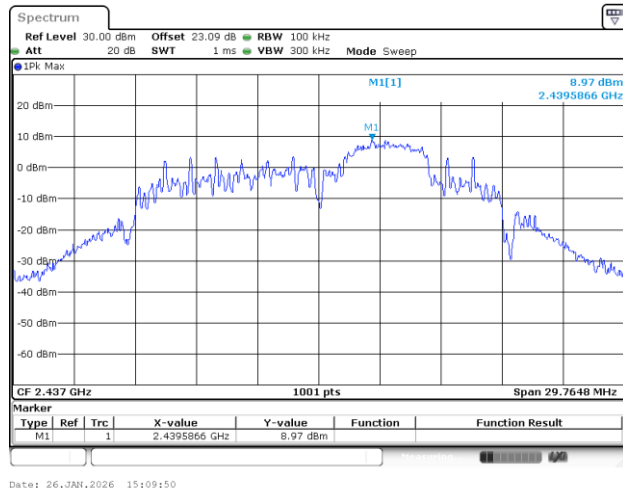




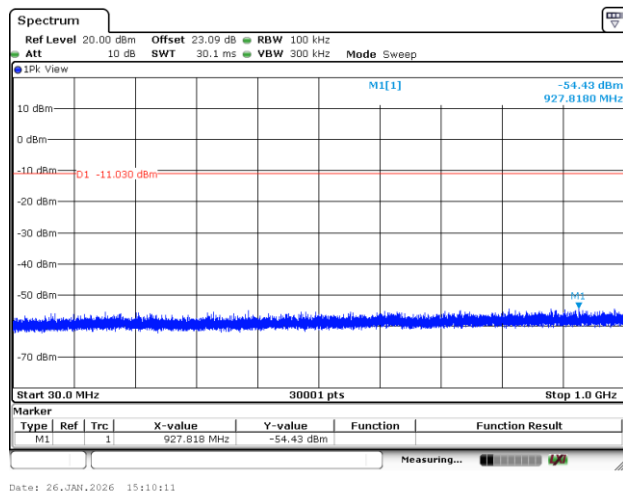
Test Mode : 802.11ax20\_52RU

Test Channel : 6

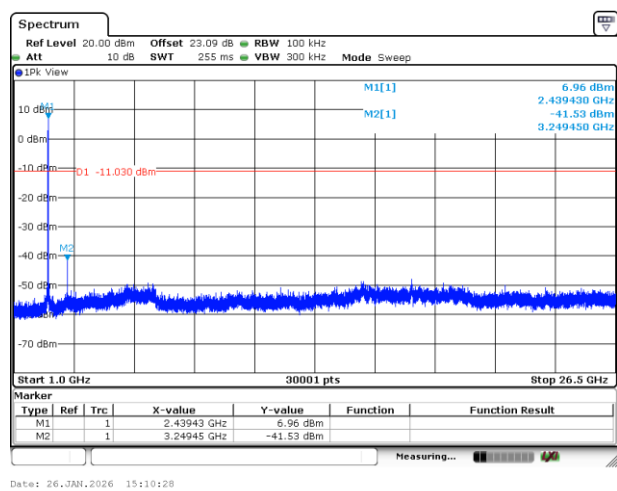
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

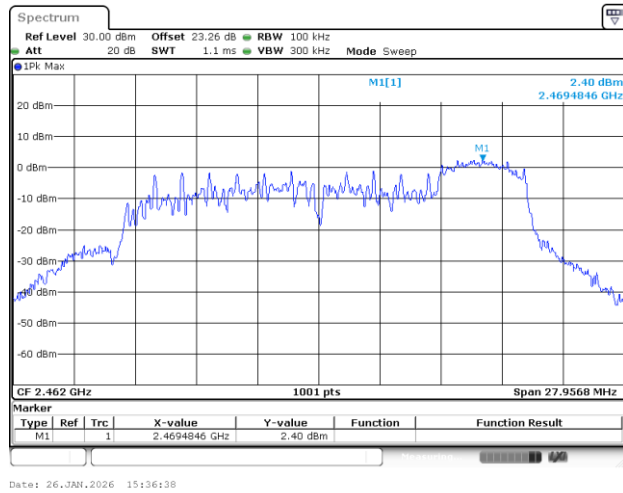




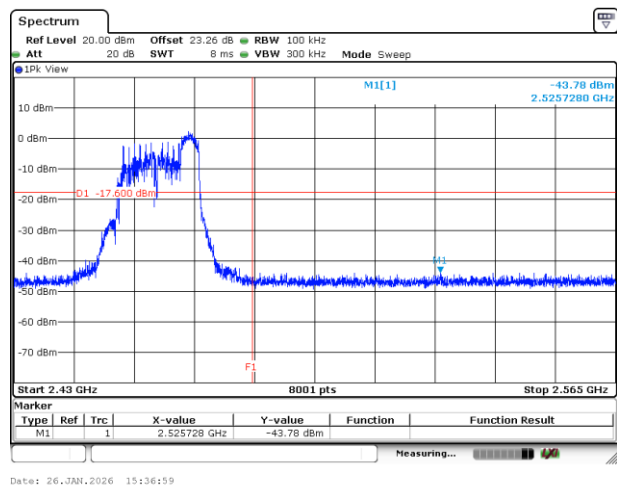
Test Mode : 802.11ax20\_52RU

Test Channel : 11

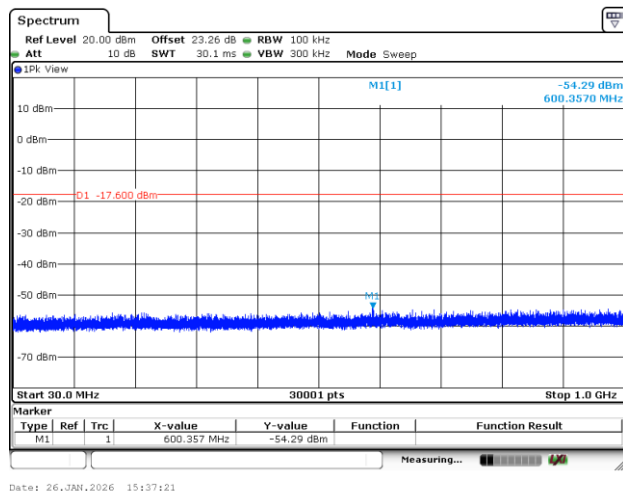
## 100kHz PSD reference Level



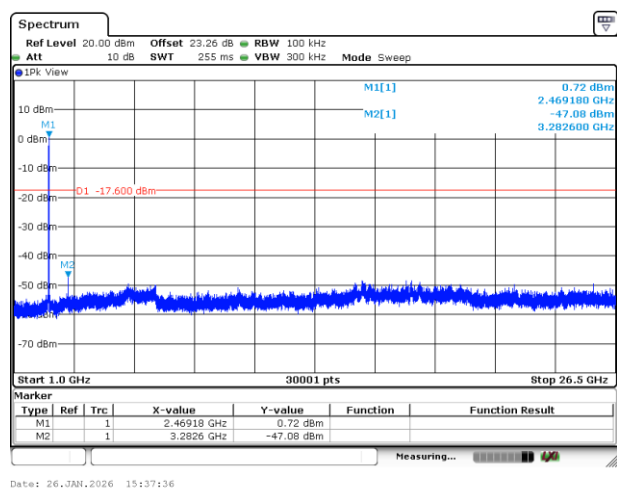
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

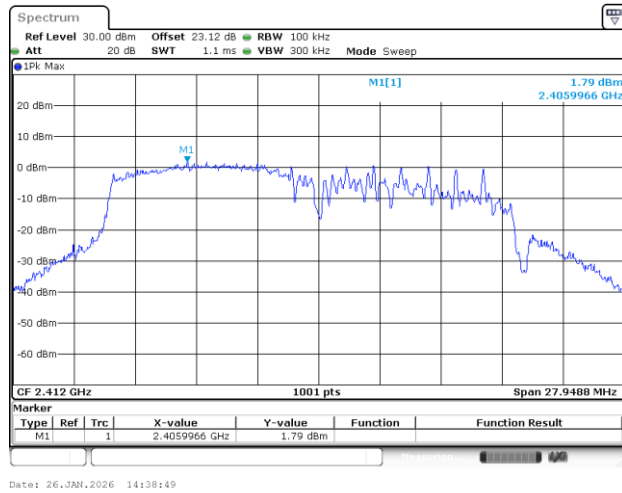




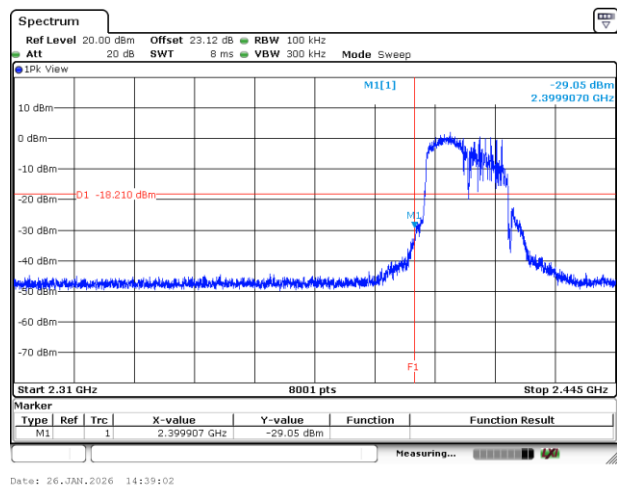
Test Mode : 802.11ax20\_106RU

Test Channel : 1

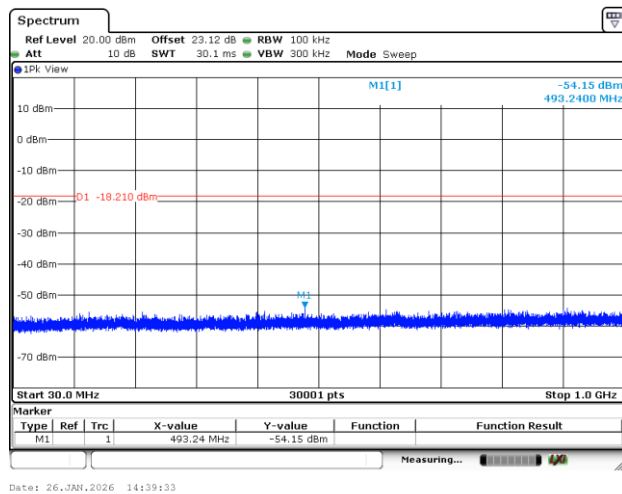
## 100kHz PSD reference Level



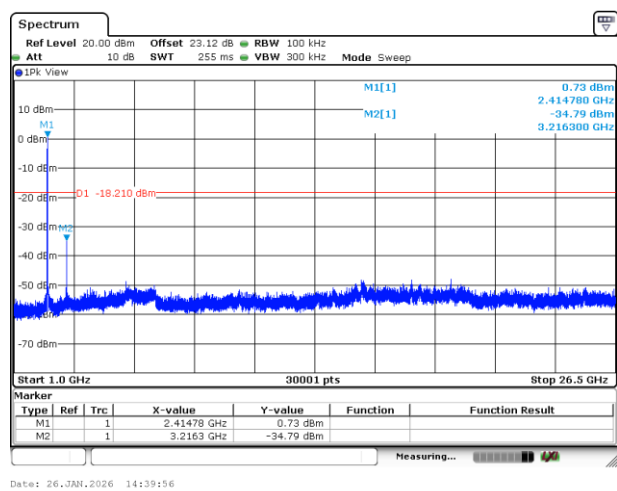
## Channel 01 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

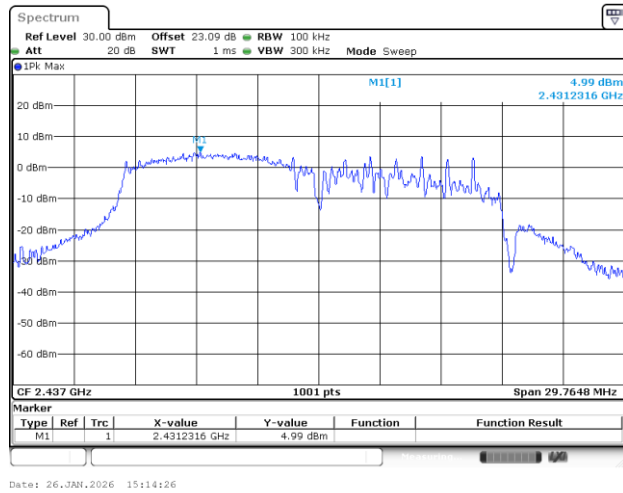




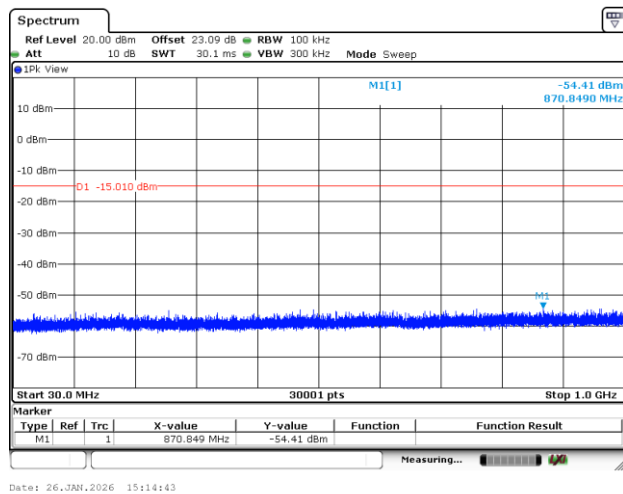
Test Mode : 802.11ax20\_106RU

Test Channel : 6

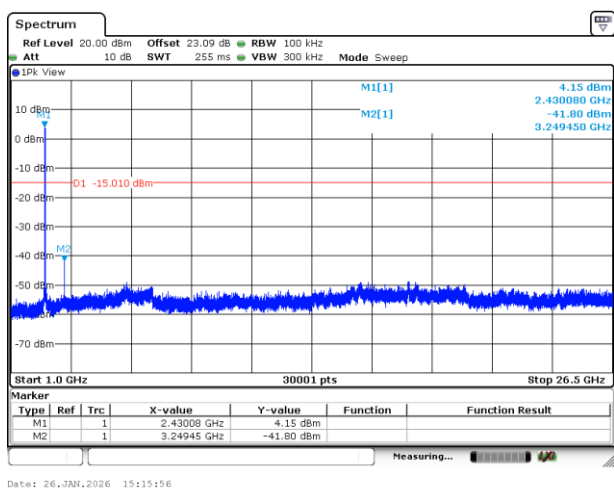
## 100kHz PSD reference Level



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

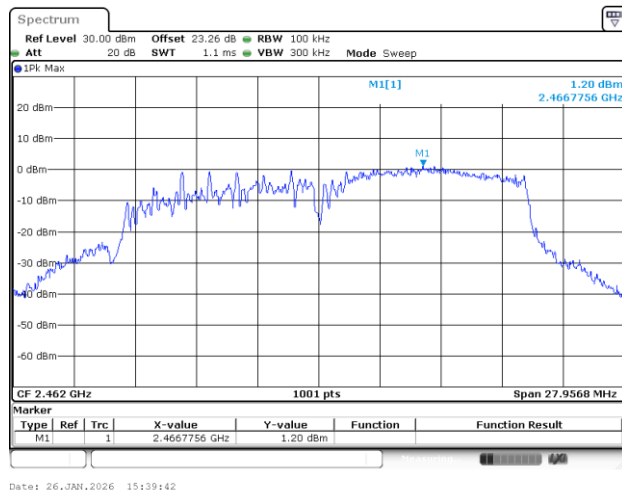




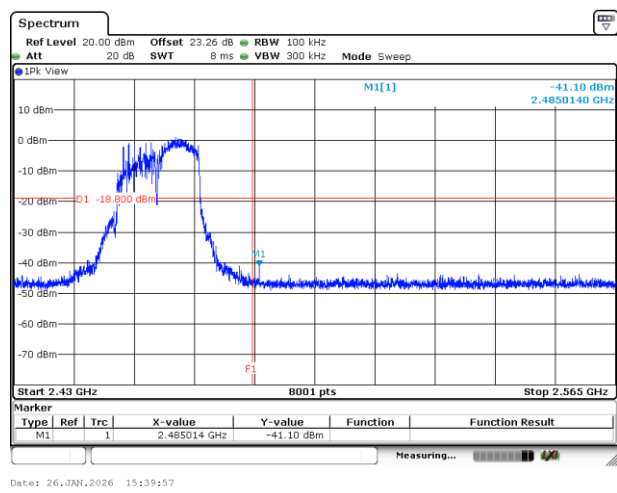
Test Mode : 802.11ax20\_106RU

Test Channel : 11

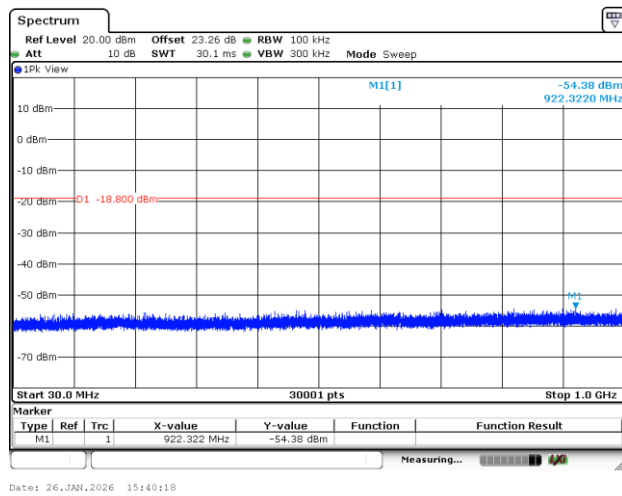
## 100kHz PSD reference Level



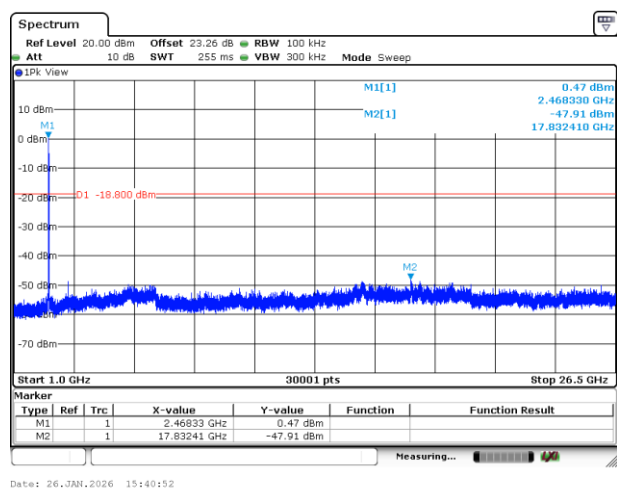
## Channel 11 Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz





Number of TX = 1, Ant. 2 (Measured)

