

# RF Test Report

**Report No.:** 2505W37174EA

**Applicant:** Augmax Reality LLC

**Address:** 603, Building 4B, Taihua Wutongdao Industrial Park, Hangcheng Street, Bao'an District, Shenzhen, China

**Product Name:** Snowsync Smart Ski Goggles

**Product Model:** Snowsync

**Multiple Models:** N/A

**Trade Mark:** N/A

**Standards:** Item 19 of Article 2 Paragraph 1

**Test Date:** 2025-08-15

**Test Result:** Complied

**Report Date:** 2025-08-25

**Reviewed by:** *Ryan Zhang*

**Approved by:** *Jacob Kong*

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Ryan Zhang  
Project Engineer

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Jacob Kong  
Manager

**Prepared by:**

World Alliance Testing & Certification (Shenzhen) Co., Ltd

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## Revision History

| Version No. | Issued Date | Description |
|-------------|-------------|-------------|
| 00          | 2025-08-25  | Original    |

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# 1 General Information

## 1.1 Client Information

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Applicant:    | Augmax Reality LLC                                                                                     |
| Address:      | 603, Building 4B, Taihua Wutongdao Industrial Park, Hangcheng Street, Bao'an District, Shenzhen, China |
| Manufacturer: | Augmax Reality LLC                                                                                     |
| Address:      | 603, Building 4B, Taihua Wutongdao Industrial Park, Hangcheng Street, Bao'an District, Shenzhen, China |

## 1.2 Product Description of EUT

The EUT is a Snowsync Smart Ski Goggles that contains Classic Bluetooth and BLE radios, this report covers the full testing of the BLE radio.

|                                                                                                                                                                                                                                                                                                                                                      |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Sample Serial Number                                                                                                                                                                                                                                                                                                                                 | 38G9-2 (assigned by WATC)              |
| Sample Received Date                                                                                                                                                                                                                                                                                                                                 | 2025-08-12                             |
| Sample Status                                                                                                                                                                                                                                                                                                                                        | Good Condition                         |
| Frequency Range                                                                                                                                                                                                                                                                                                                                      | 2402MHz - 2480MHz(BLE1M)               |
| Rated Output Power <sup>#</sup>                                                                                                                                                                                                                                                                                                                      | 1.45mW                                 |
| Modulation Technology                                                                                                                                                                                                                                                                                                                                | GFSK                                   |
| Antenna Gain <sup>#</sup>                                                                                                                                                                                                                                                                                                                            | 1.72 dBi                               |
| Spatial Streams <sup>#</sup>                                                                                                                                                                                                                                                                                                                         | SISO (1TX, 1RX)                        |
| Power Supply                                                                                                                                                                                                                                                                                                                                         | DC 3.7V from battery                   |
| Adapter Information                                                                                                                                                                                                                                                                                                                                  | N/A                                    |
| Modification                                                                                                                                                                                                                                                                                                                                         | Sample No Modification by the test lab |
| <p>Note: the device installed two Bluetooth modules, one used for connect mobile phone(hereinafter called 'Phone module'), one used for intercom(hereinafter called 'Intercom module'), detail please refer the EUT photo. The Phone module support Classic Bluetooth(BDR/EDR) and BLE, the Intercom module only support Classic Bluetooth(BDR).</p> |                                        |

### 1.3 Measurement Uncertainty

| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expanded Uncertainty<br>(Confidence of 95%(U = 2Uc(y))) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Unwanted Emission, Conducted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.75dB                                                  |
| Conducted Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.74dB                                                  |
| Frequency Error                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 150Hz                                                   |
| Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.34%                                                   |
| Power Spectral Density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.74dB                                                  |
| <p><b>Note 1:</b> The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.</p> <p><b>Note 2:</b> The Decision Rule is based on simple acceptance with ISO Guide 98-4:2012 Clause 8.2 (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)</p> |                                                         |

### 1.4 Laboratory Location

World Alliance Testing & Certification (Shenzhen) Co., Ltd  
 No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China  
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### 1.5 Test Methodology

Item 19 of Article 2 Paragraph 1

ARIB STD-T66 V3.7

MIC Notice No.88 Appendix No.43

## 2 Description of Measurement

### 2.1 Test Configuration

| Operating channels:                                                                                                                                                                                                             |                 |                |                 |                 |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|-----------------|-----------------|-----------------|
| Channel No.                                                                                                                                                                                                                     | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 0                                                                                                                                                                                                                               | 2402            | 19             | 2440            | 38              | 2478            |
| 1                                                                                                                                                                                                                               | 2404            | 20             | 2442            | 39              | 2480            |
| ...                                                                                                                                                                                                                             | ...             | ...            | ...             | /               | /               |
| 18                                                                                                                                                                                                                              | 2438            | ...            | ...             | /               | /               |
| According to MIC Notice No.88 Appendix No.43 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows: |                 |                |                 |                 |                 |
| Lowest channel                                                                                                                                                                                                                  |                 | Middle channel |                 | Highest channel |                 |
| Channel No.                                                                                                                                                                                                                     | Frequency (MHz) | Channel No.    | Frequency (MHz) | Channel No.     | Frequency (MHz) |
| 0                                                                                                                                                                                                                               | 2402            | 19             | 2440            | 39              | 2480            |

| Test Mode:                                                                         |                      |                                                         |                |              |
|------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------|----------------|--------------|
| Transmitting mode:                                                                 |                      | Keep the EUT in continuous transmitting with modulation |                |              |
| Exercise software <sup>#</sup> :                                                   |                      | bt_tool_v1.1.4                                          |                |              |
| Mode                                                                               | Worst-case Data rate | Power Level Setting <sup>#</sup>                        |                |              |
|                                                                                    |                      | Low Channel                                             | Middle Channel | High Channel |
| BLE                                                                                | 1Mbps                | 4                                                       | 4              | 4            |
| The exercise software and the maximum power setting that provided by manufacturer. |                      |                                                         |                |              |

| Test Voltage:                                                                                                                                                                                                                                                                                                                                             |                                  |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------|
| According to MIC Notice No.88 Appendix No.43 requirement,                                                                                                                                                                                                                                                                                                 |                                  |                                |
| 1. In the case of characteristic tests for technical standard conformity certification:                                                                                                                                                                                                                                                                   |                                  |                                |
| The input voltage from the external power supply to the EUT shall be the rated voltage.                                                                                                                                                                                                                                                                   |                                  |                                |
| 2. In other cases                                                                                                                                                                                                                                                                                                                                         |                                  |                                |
| The input voltage from the external power supply to the EUT is the rated voltage and $\pm 10\%$ of the rated voltage, the following cases shall apply:                                                                                                                                                                                                    |                                  |                                |
| (1) If it is confirmed that when the input voltage from the external power source to the EUT varied by $\pm 10\%$ , the input voltage to the RF circuit of EUT (excluding the power supply) fluctuates by $\pm 1\%$ or less. Measure only with rated/normal voltage.                                                                                      |                                  |                                |
| (2) The EUT is designed to operate only within a specific fluctuation range within $\pm 10\%$ of the power supply voltage, and this fact and the upper and lower limits of the specific fluctuation range are stated in the construction design document. Measure at the rated voltage and the upper and lower limits of the specified fluctuation range. |                                  |                                |
| Low Voltage(V <sub>DC</sub> )                                                                                                                                                                                                                                                                                                                             | Normal Voltage(V <sub>DC</sub> ) | High Voltage(V <sub>DC</sub> ) |
| 3.33                                                                                                                                                                                                                                                                                                                                                      | 3.7                              | 4.07                           |

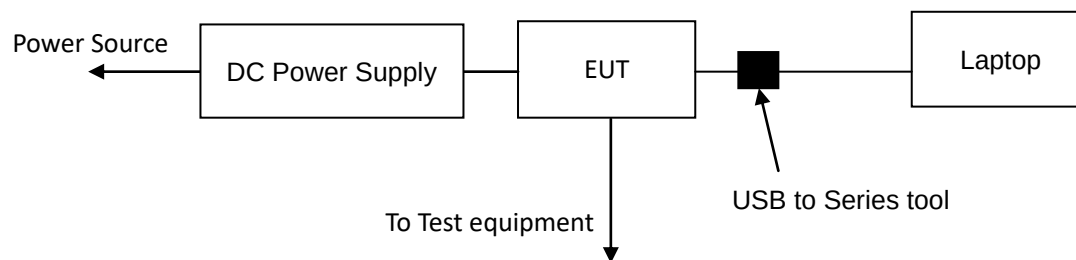
## 2.2 Test Auxiliary Equipment

| Manufacturer | Description        | Model    | Serial Number |
|--------------|--------------------|----------|---------------|
| UNI-T        | DC Power Supply    | UTP1310S | C221286498    |
| Dell         | Laptop             | Unknown  | Unknown       |
| Unknown      | USB to Series tool | Unknown  | Unknown       |

## 2.3 Interconnecting Cables

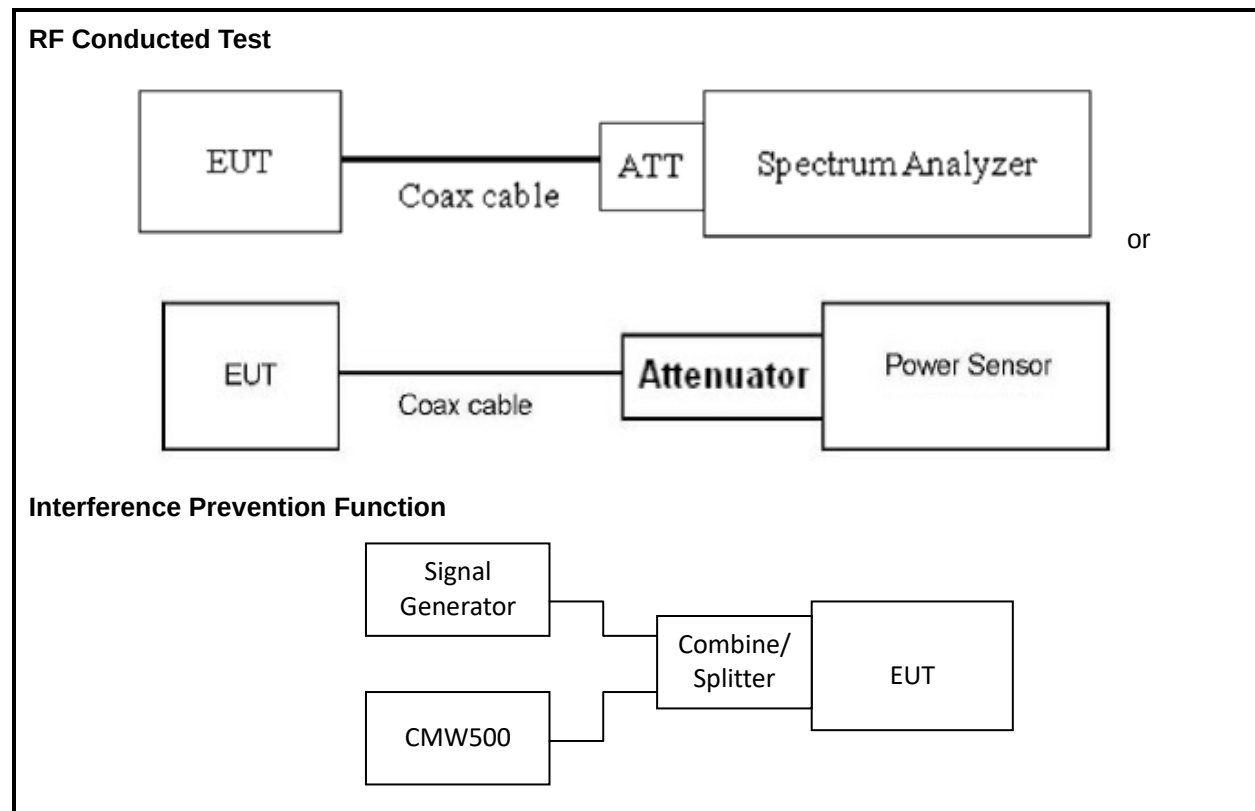
| Manufacturer | Description         | Length(m) | From               | To                 |
|--------------|---------------------|-----------|--------------------|--------------------|
| Unknown      | DC Power Cable      | 1.0       | DC Power Supply    | EUT                |
| Unknown      | Data Cable          | 0.1       | EUT                | USB to Series tool |
| Unknown      | USB Extension Cable | 1.5       | USB to Series tool | Laptop             |

## 2.4 Block Diagram of Connection between EUT and AE



*Note: for reference only, the actual connection setup used for testing please refer to the test photos.*

## 2.5 Test Setup



## 2.6 Test Procedure

### RF Conducted Test:

1. The antenna port of EUT was connected to the RF port of the test equipment (Power Meter or Spectrum analyzer) through Attenuator and RF cable.
2. The cable assembly insertion loss of 6.5dB (including 6.0dB Attenuator and 0.5dB cable) was entered as an offset in the power meter. Note: Actual cable loss was unavailable at the time of testing, therefore a loss of 0.5dB was assumed as worst case. This was later verified to be true by laboratory. ( if the RF cable provided by client, the cable loss declared by client)
3. The EUT is keeping in continuous transmission mode and tested in all modulation modes.

### Interference Prevention Function:

In the case that the EUT has the function of automatically transmitting the identification code:

1. Transmit the predetermined identification codes from EUT
2. Check the transmitted identification codes with the demodulator.

In the case of receiving the identification codes:

1. Transmit the predetermined identification codes from the counterpart.
2. Check if communication is normal
3. Transmit the signal other than predetermined ID codes from the counterpart.
4. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

## 2.7 Measurement Method

| Description of Test                                           | Measurement Method                                                                                        |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Frequency Error                                               | No.88 Appendix No.43 section 3                                                                            |
| Occupied Bandwidth and Spreading Bandwidth                    | No.88 Appendix No.43 section 4                                                                            |
| Transmitter Spurious Emission and Unwanted Emission Intensity | No.88 Appendix No.43 section 5<br>No.88 Appendix No.1                                                     |
| Antenna Output Power and Output Power Tolerance               | No.88 Appendix No.43 section 6                                                                            |
| Receiver Spurious Emission and Unwanted Emission Intensity    | No.88 Appendix No.43 section 7                                                                            |
| Transmission Antenna Gain                                     | No.88 Appendix No.43 section 12                                                                           |
| Carrier sense capability                                      | No.88 Appendix No.43 section 8 or<br>No.88 Appendix No.43 section 9 or<br>No.88 Appendix No.43 section 10 |
| Transmission Radiation Angle Width                            | No.88 Appendix No.43 section 13                                                                           |
| Frequency Hopping Dwell Time                                  | No.88 Appendix No.43 section 15                                                                           |
| Interference Prevention Function                              | No.88 Appendix No.43 section 14                                                                           |

## 2.8 Measurement Equipment

| Manufacturer   | Description                         | Model    | Management No. | Calibration Date | Calibration Due Date | Calibration Authority | Calibration Method |
|----------------|-------------------------------------|----------|----------------|------------------|----------------------|-----------------------|--------------------|
| ROHDE& SCHWARZ | SPECTRUM ANALYZER                   | FSV40    | 101419         | 2025/5/23        | 2026/5/22            | BACL                  | c)                 |
| narda          | 6dB attenuator                      | 603-06-1 | N/A            | 2025/5/23        | 2026/5/22            | BACL                  | c)                 |
| ANRITSU        | USB Power Sensor                    | MA24418A | 12620          | 2025/5/23        | 2026/5/22            | BACL                  | c)                 |
| ROHDE& SCHWARZ | Vector Signal Generator             | SMBV100A | 256300         | 2025/5/23        | 2026/5/22            | BACL                  | c)                 |
| ROHDE& SCHWARZ | WIDEBAND RADIO COMMUNICATION TESTER | CMW500   | 116218         | 2024/11/6        | 2025/11/5            | BACL                  | c)                 |
| HP             | Power Splitter                      | 11667A   | 1610A          | 2024/11/6        | 2025/11/5            | BACL                  | c)                 |
| UNI-T          | DC Power Supply                     | UTP1310S | C221286498     | /                | /                    | /                     | /                  |
| FLUKE          | Digital Multimeter                  | 15B+     | N/A            | 2024/11/6        | 2025/11/5            | BACL                  | c)                 |

Note: All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or International standards.

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) ~Japan Calibration Service System~
- c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- d) Calibration conducted by using other equipment that listed above from a) to c)

## 3 Test Results

### 3.1 Test Summary

The EUT has been tested according to the Radio equipment regulations and ARIB STD-T66

| Article 2 Paragraph 1 Item 19<br>conducted with<br>MIC Notice No.88 Appendix<br>No.43 rule section | Reference Rules     | Description of Test                                              | Result           |
|----------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------|------------------|
| 3                                                                                                  | STD-T66 Section 3.2 | Frequency Error                                                  | Compliance       |
| 4                                                                                                  | STD-T66 Section 3.2 | Occupied Bandwidth and Spreading<br>Bandwidth                    | Compliance       |
| 5                                                                                                  | STD-T66 Section 3.2 | Transmitter Spurious Emission and<br>Unwanted Emission Intensity | Compliance       |
| 6                                                                                                  | STD-T66 Section 3.2 | Antenna Output Power and Output<br>Power Tolerance               | Compliance       |
| 7                                                                                                  | STD-T66 Section 3.3 | Receiver Spurious Emission and<br>Unwanted Emission Intensity    | Compliance       |
| 12                                                                                                 | STD-T66 Section 3.6 | Transmission Antenna Gain                                        | N/A <sup>1</sup> |
| 8, 9, 10                                                                                           | STD-T66 Section 3.4 | Carrier sense capability                                         | N/A <sup>3</sup> |
| 13                                                                                                 | STD-T66 Section 3.6 | Transmission Radiation Angle Width                               | N/A <sup>1</sup> |
| 15                                                                                                 | STD-T66 Section 3.2 | Frequency Hopping Dwell Time                                     | N/A <sup>2</sup> |
| 14                                                                                                 | STD-T66 Section 3.4 | Interference Prevention Function                                 | Compliance       |
| Note 1                                                                                             | STD-T66 Section 3.7 | Construction Protection<br>Confirmation                          | Compliance       |

Note:

N/A<sup>1</sup>: This test item was not required for the output power less than 12.14 dBm(E.I.R.P).

N/A<sup>2</sup>: Testing is only required for FHSS system devices.

N/A<sup>3</sup>: Only required for OBW between 26MHz and 40MHz with OFDM modulation type or outdoor use radio control of model airplanes.

## 3.2 Limit

| Test items                                                    | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Error                                               | +/-50ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Occupied Bandwidth and Spreading Bandwidth                    | Occupied bandwidth: FH≤83.5 MHz; DS: ≤26 MHz;<br>OFDM: ≤26 MHz & 26≤ OBW ≤40 MHz, Others≤26 MHz<br>Spread Bandwidth: ≥ 500 kHz (FH, DS), Spread factor>5.                                                                                                                                                                                                                                                                                                                                  |
| Transmitter Spurious Emission and Unwanted Emission Intensity | 30MHz-2387MHz: 2.5uW/MHz or less<br>2387MHz-2400MHz: 25uW/MHz or less<br>2483.5MHz-2496.5MHz: 25uW/MHz or less<br>2496.5MHz-12.5GHz: 2.5uW/MHz or less                                                                                                                                                                                                                                                                                                                                     |
| Antenna Output Power and Output Power Tolerance               | Antenna Output Power:<br>≤3 mW /MHz (FHSS from 2402-2480 MHz)<br>≤10 mW/MHz (OFDM(20MHz system), DSSS from 2400-2483.5 MHz)<br>≤5 mW/MHz (OFDM(40MHz system) from 2400-2483.5 MHz)<br>≤10 mW (other from 2400-2483.5 MHz)<br>Output Power Tolerance:<br>-80%~+20%<br>E.I.R.P.:<br>≤6.91dBm/MHz(FHSS from 2402-2480 MHz)<br>≤12.14dBm/MHz(OFDM(20MHz system), DSSS from 2400-2483.5MHz)<br>≤9.13dBm/MHz (OFDM(40MHz system) from 2400-2483.5 MHz)<br>≤12.14dBm (other from 2400-2483.5 MHz) |
| Receiver Spurious Emission and Unwanted Emission Intensity    | 30MHz-1000MHz: 4nW or less<br>1GHz-12.5GHz: 20nW or less                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Carrier sense capability                                      | EUT stop RF transmission signal after carrier inject to EUT                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Interference Prevention Function                              | The EUT shall have the interference prevention capability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment.                                                                                                                                                                                                                                                                                                           |
| Construction Protection Confirmation                          | The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.                                                                                                                                                                                                                                                                                                                                        |

### 3.3 Test Data

|                               |                                                                  |                 |            |
|-------------------------------|------------------------------------------------------------------|-----------------|------------|
| <b>Test Date:</b>             | 2025-08-15                                                       | <b>Test By:</b> | Ryan Zhang |
| <b>Environment condition:</b> | Temperature: 24.8°C;RelativeHumidity:49%; ATM Pressure: 100.8kPa |                 |            |

#### 3.3.1 Frequency Error

**Test Condition: NV**

| Mode           | Frequency (MHz) | Measure Frequency (MHz) | Frequency Tolerance (ppm) | Limit (ppm) | Verdict |
|----------------|-----------------|-------------------------|---------------------------|-------------|---------|
| Single Carrier | 2402            | 2401.98455              | -6.43                     | ± 50        | Pass    |
|                | 2440            | 2439.98455              | -6.33                     |             | Pass    |
|                | 2480            | 2479.98425              | -6.35                     |             | Pass    |

**Test Condition: LV**

| Mode           | Frequency (MHz) | Measure Frequency (MHz) | Frequency Tolerance (ppm) | Limit (ppm) | Verdict |
|----------------|-----------------|-------------------------|---------------------------|-------------|---------|
| Single Carrier | 2402            | 2401.98545              | -6.06                     | ± 50        | Pass    |
|                | 2440            | 2439.98485              | -6.21                     |             | Pass    |
|                | 2480            | 2479.98455              | -6.23                     |             | Pass    |

**Test Condition: HV**

| Mode           | Frequency (MHz) | Measure Frequency (MHz) | Frequency Tolerance (ppm) | Limit (ppm) | Verdict |
|----------------|-----------------|-------------------------|---------------------------|-------------|---------|
| Single Carrier | 2402            | 2401.98545              | -6.06                     | ± 50        | Pass    |
|                | 2440            | 2439.98515              | -6.09                     |             | Pass    |
|                | 2480            | 2479.98455              | -6.23                     |             | Pass    |

Frequency Tolerance = (Measure Frequency - Frequency)/Frequency\*10<sup>6</sup>

### 3.3.2 Occupied Bandwidth

**Test Condition: NV**

| Mode   | Occupied bandwidth (MHz) |                |              | Limit(MHz) | Verdict |
|--------|--------------------------|----------------|--------------|------------|---------|
|        | Low Channel              | Middle Channel | High Channel |            |         |
| BLE 1M | 0.995                    | 0.998          | 0.998        | ≤ 26       | Pass    |

**Test Condition: LV**

| Mode   | Occupied bandwidth (MHz) |                |              | Limit(MHz) | Verdict |
|--------|--------------------------|----------------|--------------|------------|---------|
|        | Low Channel              | Middle Channel | High Channel |            |         |
| BLE 1M | 0.995                    | 0.995          | 0.995        | ≤ 26       | Pass    |

**Test Condition: HV**

| Mode   | Occupied bandwidth (MHz) |                |              | Limit(MHz) | Verdict |
|--------|--------------------------|----------------|--------------|------------|---------|
|        | Low Channel              | Middle Channel | High Channel |            |         |
| BLE 1M | 0.995                    | 0.995          | 0.998        | ≤ 26       | Pass    |

### 3.3.3 Transmitter Spurious Emission and Unwanted Emission

#### Intensity

**Test Condition: Normal, BLE 1M**

| Channel | Test Band (RBW) | Frequency Range |           | Max.Emission Located(MHz) | Result (dBm/RBW) | Result (μW/RBW) | Limit (μW/RBW) | Verdict |
|---------|-----------------|-----------------|-----------|---------------------------|------------------|-----------------|----------------|---------|
|         |                 | Start(MHz)      | Stop(MHz) |                           |                  |                 |                |         |
| Low     | Band I (100kHz) | 30              | 1000      | 31.7                      | -46.66           | 0.022           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1259.72                   | -35.65           | 0.272           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2399.8538                 | -26.50           | 2.239           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2488.7228                 | -37.56           | 0.175           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 3064.2                    | -32.33           | 0.585           | 2.50           | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000      | 31.7                      | -47.72           | 0.017           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1229.2                    | -35.90           | 0.257           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2389.1743                 | -38.28           | 0.149           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2494.4038                 | -36.74           | 0.212           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4879.8                    | -31.85           | 0.653           | 2.50           | Pass    |
| High    | Band I (100kHz) | 30              | 1000      | 31.7                      | -47.23           | 0.019           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1041.96                   | -36.13           | 0.244           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2390.0258                 | -38.27           | 0.149           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2483.5098                 | -32.66           | 0.542           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4959.9                    | -29.29           | 1.178           | 2.50           | Pass    |

**Test Condition: LV, BLE 1M**

| Channel | Test Band (RBW) | Frequency Range |           | Max.Emission | Result    | Result   | Limit    | Verdict |
|---------|-----------------|-----------------|-----------|--------------|-----------|----------|----------|---------|
|         |                 | Start(MHz)      | Stop(MHz) | Located(MHz) | (dBm/RBW) | (μW/RBW) | (μW/RBW) |         |
| Low     | Band I (100kHz) | 30              | 1000      | 31.7         | -46.87    | 0.021    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1073.86      | -36.56    | 0.221    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2399.9058    | -27.16    | 1.923    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2490.9848    | -37.43    | 0.181    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 3064.2       | -32.20    | 0.603    | 2.50     | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000      | 31.7         | -46.89    | 0.020    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1187.59      | -36.12    | 0.244    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2393.3018    | -38.15    | 0.153    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2496.4188    | -37.92    | 0.161    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4879.8       | -31.70    | 0.676    | 2.50     | Pass    |
| High    | Band I (100kHz) | 30              | 1000      | 31.7         | -46.95    | 0.020    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1050.28      | -35.96    | 0.254    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2394.6538    | -38.08    | 0.156    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2483.5033    | -31.21    | 0.757    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4959.9       | -29.30    | 1.175    | 2.50     | Pass    |

**Test Condition: HV, BLE 1M**

| Channel | Test Band (RBW) | Frequency Range |           | Max.Emission | Result    | Result   | Limit    | Verdict |
|---------|-----------------|-----------------|-----------|--------------|-----------|----------|----------|---------|
|         |                 | Start(MHz)      | Stop(MHz) | Located(MHz) | (dBm/RBW) | (μW/RBW) | (μW/RBW) |         |
| Low     | Band I (100kHz) | 30              | 1000      | 31.7         | -47.52    | 0.018    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 2241.71      | -36.39    | 0.230    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2399.9903    | -26.18    | 2.410    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2495.5218    | -37.99    | 0.159    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 3064.2       | -32.61    | 0.548    | 2.50     | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000      | 31.7         | -47.09    | 0.020    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1108.53      | -35.78    | 0.264    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2391.7093    | -37.98    | 0.159    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2493.1493    | -37.63    | 0.173    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4879.8       | -31.15    | 0.767    | 2.50     | Pass    |
| High    | Band I (100kHz) | 30              | 1000      | 31.7         | -47.48    | 0.018    | 0.25     | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1261.1       | -35.37    | 0.290    | 2.50     | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2399.4768    | -38.29    | 0.148    | 25       | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2483.6008    | -32.36    | 0.581    | 25       | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 4959.9       | -29.06    | 1.242    | 2.50     | Pass    |

### 3.3.4 Antenna Output Power and Output Power Tolerance

| Mode   | Antenna gain<br>(dBi) | Declared power<br>(mW) |
|--------|-----------------------|------------------------|
| BLE 1M | 1.72                  | 1.45                   |

#### Test Condition: NV

| Mode   | Channel | Conducted power(dBm) | Antenna output power(mW) |       | Antenna output tolerance(%) |         | EIRP (dBm) |         | Verdict |
|--------|---------|----------------------|--------------------------|-------|-----------------------------|---------|------------|---------|---------|
|        |         |                      | Result                   | Limit | Result                      | Limit   | Result     | Limit   |         |
| BLE 1M | Low     | -1.58                | 0.695                    | ≤ 10  | -52.07                      | -80~+20 | 0.14       | ≤ 12.14 | Pass    |
|        | Middle  | 0.19                 | 1.045                    |       | -27.93                      |         | 1.91       |         | Pass    |
|        | High    | 1.61                 | 1.449                    |       | -0.07                       |         | 3.33       |         | Pass    |

#### Test Condition: LV

| Mode   | Channel | Conducted power(dBm) | Antenna output power(mW) |       | Antenna output tolerance(%) |         | EIRP (dBm) |         | Verdict |
|--------|---------|----------------------|--------------------------|-------|-----------------------------|---------|------------|---------|---------|
|        |         |                      | Result                   | Limit | Result                      | Limit   | Result     | Limit   |         |
| BLE 1M | Low     | -1.59                | 0.693                    | ≤ 10  | -52.21                      | -80~+20 | 0.13       | ≤ 12.14 | Pass    |
|        | Middle  | 0.17                 | 1.040                    |       | -28.28                      |         | 1.89       |         | Pass    |
|        | High    | 1.60                 | 1.445                    |       | -0.34                       |         | 3.32       |         | Pass    |

#### Test Condition: HV

| Mode   | Channel | Conducted power(dBm) | Antenna output power(mW) |       | Antenna output tolerance(%) |         | EIRP (dBm) |         | Verdict |
|--------|---------|----------------------|--------------------------|-------|-----------------------------|---------|------------|---------|---------|
|        |         |                      | Result                   | Limit | Result                      | Limit   | Result     | Limit   |         |
| BLE 1M | Low     | -1.63                | 0.687                    | ≤ 10  | -52.62                      | -80~+20 | 0.09       | ≤ 12.14 | Pass    |
|        | Middle  | 0.15                 | 1.035                    |       | -28.62                      |         | 1.87       |         | Pass    |
|        | High    | 1.59                 | 1.442                    |       | -0.55                       |         | 3.31       |         | Pass    |

Note:

Antenna output power(mW) =  $10^{\{\text{Conducted power(dBm)} / 10\}}$

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power \* 100%

Antenna output power(dBm) =  $10 * \log_{10}\{\text{Antenna output power(mW)}\}$

EIRP(dBm) = Antenna output power(dBm) + Antenna gain.

The duty cycle factor has added into Antenna output power(dBm) in power meter

### 3.3.5 Receiver Spurious Emission and Unwanted Emission Intensity

#### Test Condition: NV

| Mode   | Channel | Test Band (RBW) | Frequency Range |           | Max.Emission Located(MHz) | Result (dBm) | Result (nW) | Limit (nW) | Verdict |
|--------|---------|-----------------|-----------------|-----------|---------------------------|--------------|-------------|------------|---------|
|        |         |                 | Start(MHz)      | Stop(MHz) |                           |              |             |            |         |
| BLE 1M | Low     | Band I (100kHz) | 30              | 1000      | 31.77                     | -66.25       | 0.237       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 2551.64                   | -54.78       | 3.327       | 20         | Pass    |
|        | Middle  | Band I (100kHz) | 30              | 1000      | 31.722                    | -66.53       | 0.222       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 3450.36                   | -53.80       | 4.169       | 20         | Pass    |
|        | High    | Band I (100kHz) | 30              | 1000      | 31.77                     | -66.02       | 0.250       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 2460.21                   | -59.06       | 1.242       | 20         | Pass    |

#### Test Condition: LV

| Mode   | Channel | Test Band (RBW) | Frequency Range |           | Max.Emission Located(MHz) | Result (dBm) | Result (nW) | Limit (nW) | Verdict |
|--------|---------|-----------------|-----------------|-----------|---------------------------|--------------|-------------|------------|---------|
|        |         |                 | Start(MHz)      | Stop(MHz) |                           |              |             |            |         |
| BLE 1M | Low     | Band I (100kHz) | 30              | 1000      | 31.77                     | -65.69       | 0.270       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 3402.64                   | -53.30       | 4.677       | 20         | Pass    |
|        | Middle  | Band I (100kHz) | 30              | 1000      | 31.77                     | -65.55       | 0.279       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 3437.14                   | -57.20       | 1.905       | 20         | Pass    |
|        | High    | Band I (100kHz) | 30              | 1000      | 31.77                     | -65.76       | 0.265       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 3401.49                   | -57.94       | 1.607       | 20         | Pass    |

#### Test Condition: HV

| Mode   | Channel | Test Band (RBW) | Frequency Range |           | Max.Emission Located(MHz) | Result (dBm) | Result (nW) | Limit (nW) | Verdict |
|--------|---------|-----------------|-----------------|-----------|---------------------------|--------------|-------------|------------|---------|
|        |         |                 | Start(MHz)      | Stop(MHz) |                           |              |             |            |         |
| BLE 1M | Low     | Band I (100kHz) | 30              | 1000      | 31.77                     | -66.52       | 0.223       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 2599.94                   | -57.58       | 1.746       | 20         | Pass    |
|        | Middle  | Band I (100kHz) | 30              | 1000      | 31.77                     | -66.48       | 0.225       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 2580.39                   | -57.24       | 1.888       | 20         | Pass    |
|        | High    | Band I (100kHz) | 30              | 1000      | 31.77                     | -66.00       | 0.251       | 4          | Pass    |
|        |         | Band II (1MHz)  | 1000            | 12500     | 3442.89                   | -58.29       | 1.483       | 20         | Pass    |

### **3.3.6 Interference Prevention Function**

Test Result: Compliant, the EUT can transmit or receive the identification automatically.

### **3.3.7 Construction Protection Confirmation**

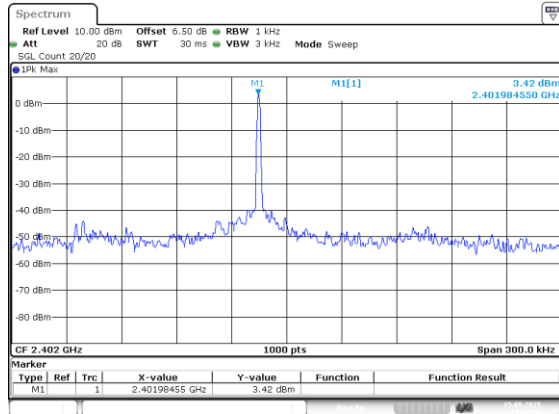
Test Result: Compliant, The EUT cabinet has been fastened by screws which can't be opened easily, please see the EUT photos.

## Test Plots:

Frequency Error:

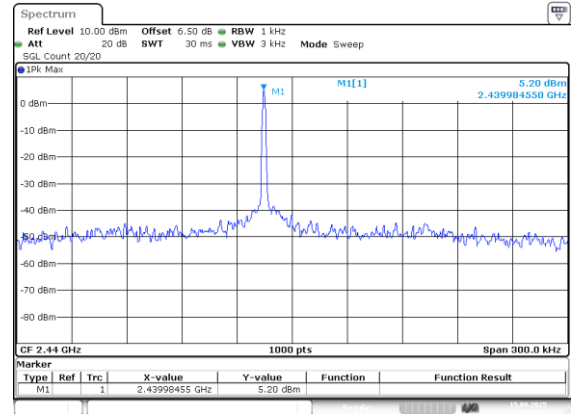
Test Condition: NV

2402MHz



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:34:27

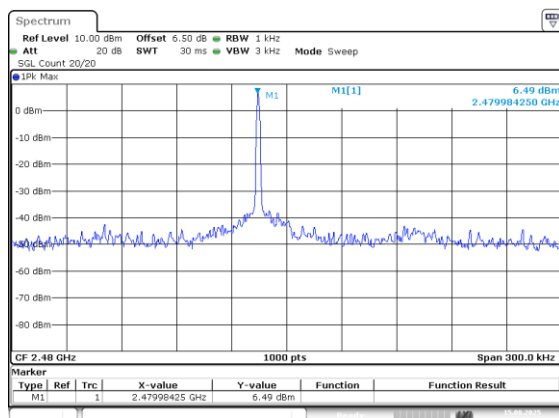
2440MHz



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:34:55

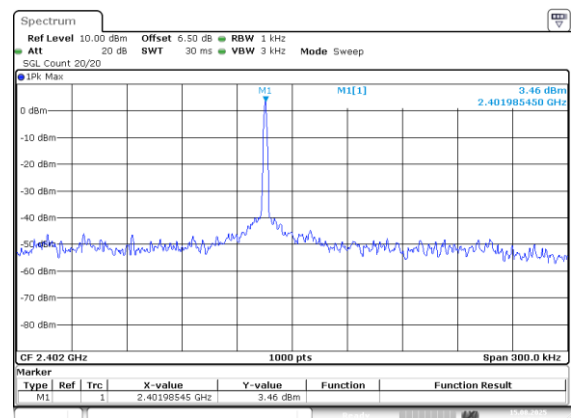
Test Condition: LV

2480MHz



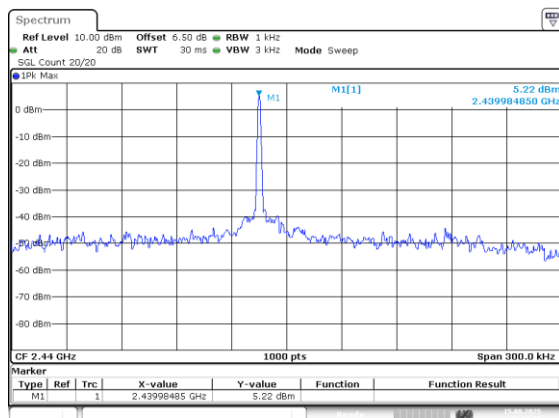
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Date: 15.AUG.2025 14:35:18

2402MHz



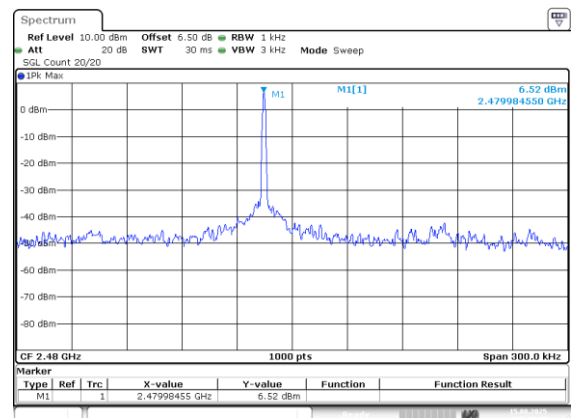
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:59:56

2440MHz



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:00:21

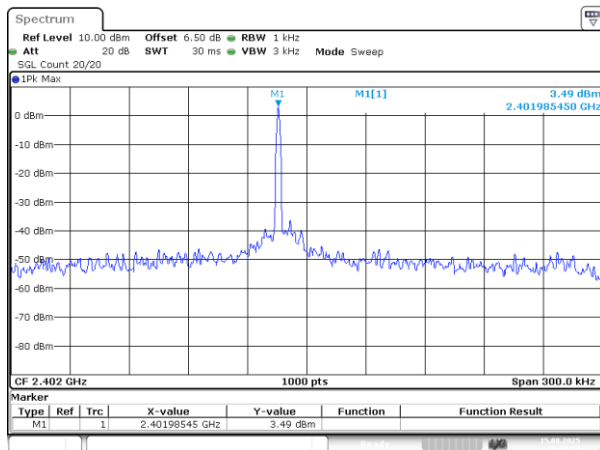
2480MHz



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:00:48

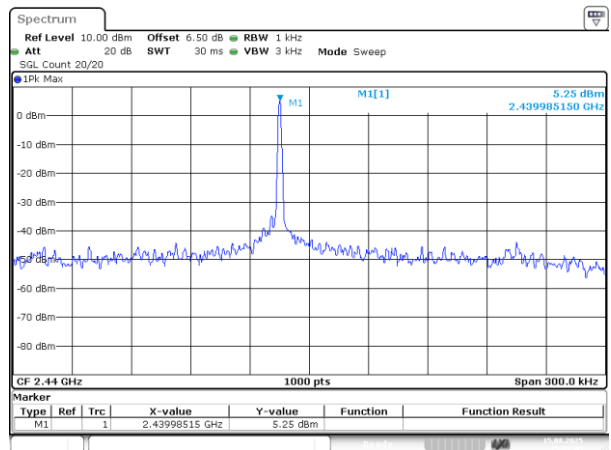
## Test Condition: HV

2402MHz



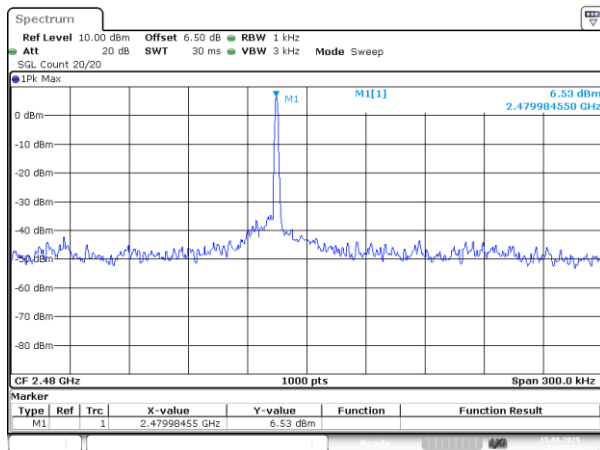
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Date: 15.AUG.2025 15:02:18

2440MHz



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:02:46

2480MHz

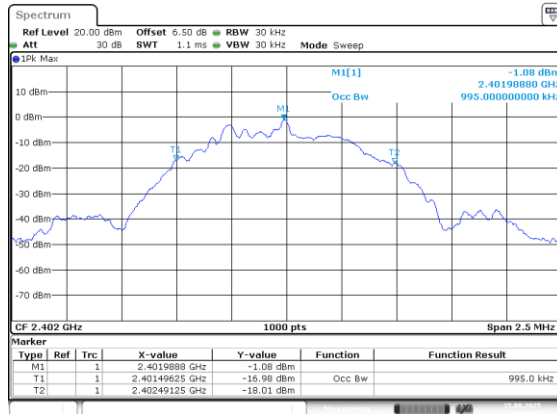


ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:03:14

## Occupied Bandwidth:

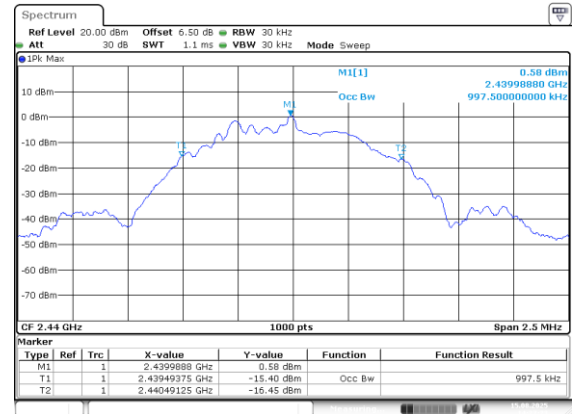
### Test Condition: NV

#### BLE 1M\_Low Channel



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:26:51

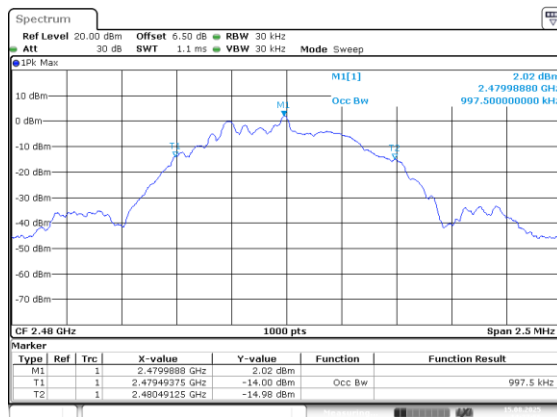
#### BLE 1M\_Middle Channel



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:27:23

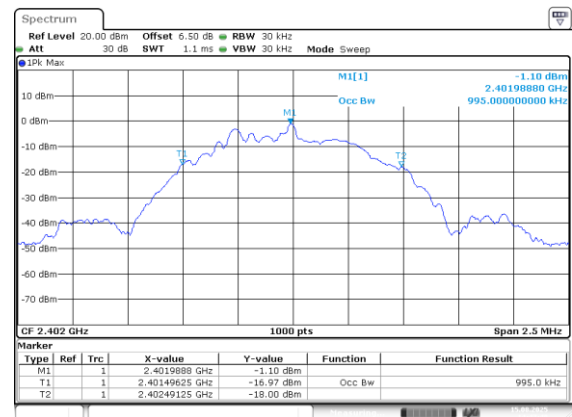
### Test Condition: LV

#### BLE 1M\_High Channel



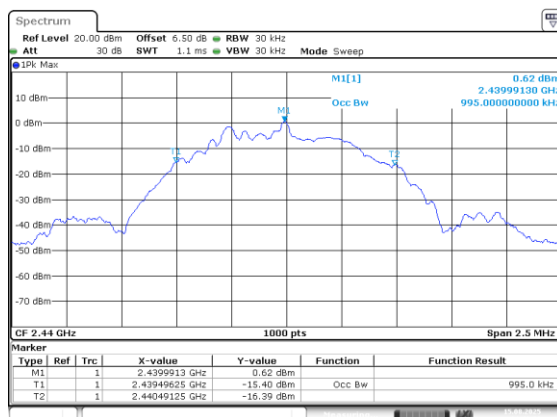
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Date: 15.AUG.2025 14:27:56

#### BLE 1M\_Low Channel



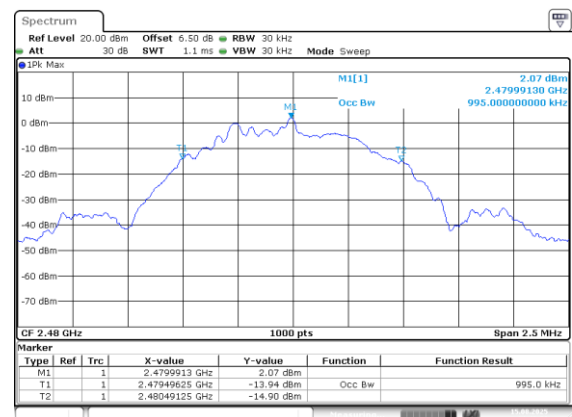
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:47:40

#### BLE 1M\_Middle Channel



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:48:09

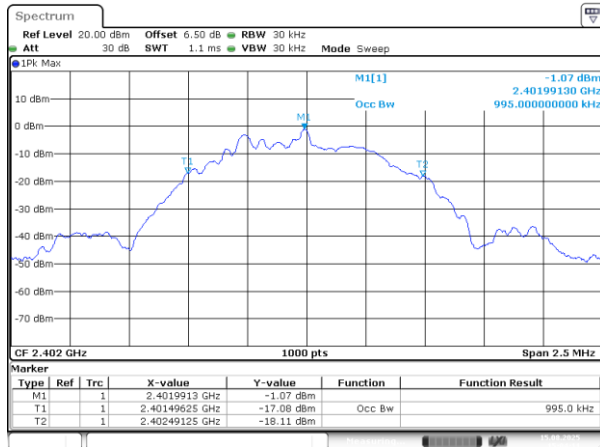
#### BLE 1M\_High Channel



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:48:38

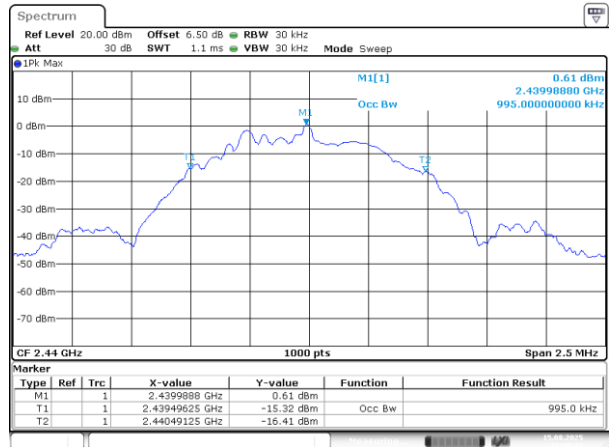
## Test Condition: HV

### BLE 1M\_Low Channel



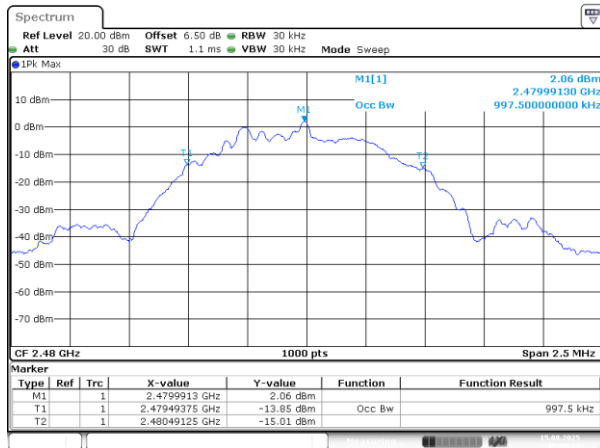
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:04:11

### BLE 1M\_Middle Channel



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:05:44

### BLE 1M\_High Channel

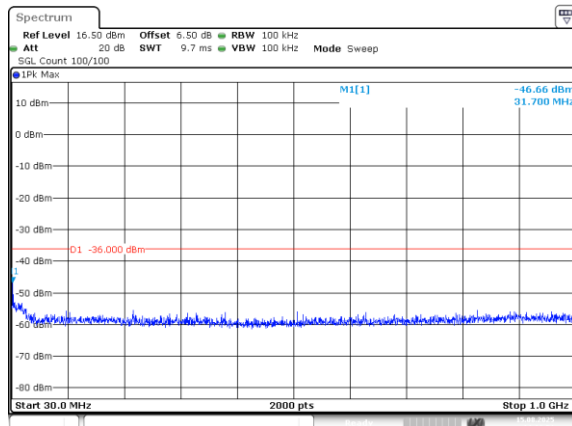


ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:06:13

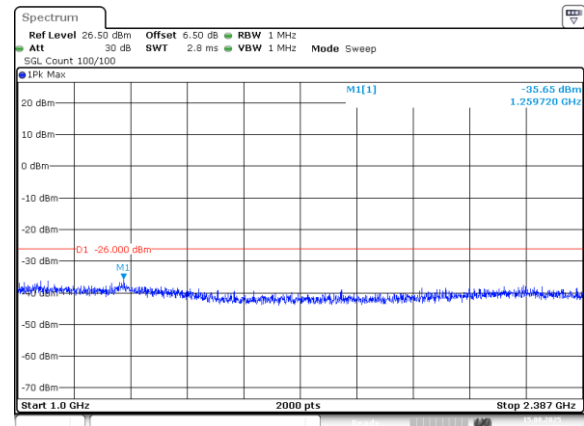
## Transmitter Spurious Emission and Unwanted Emission Intensity:

### Test Condition: NV

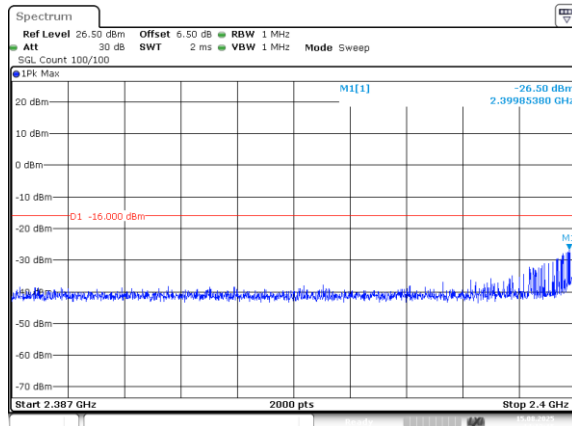
#### BLE 1M\_Low Channel(30MHz~1GHz)



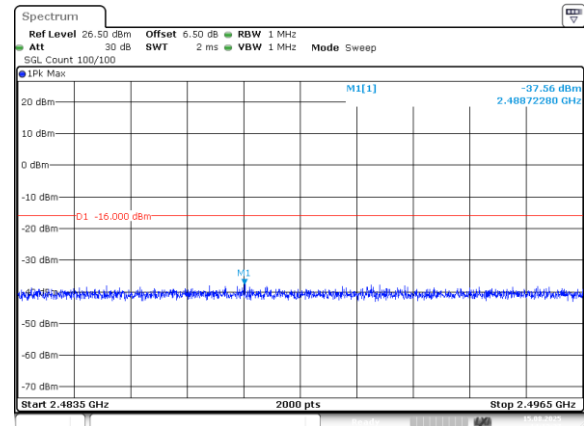
#### BLE 1M\_Low Channel(1GHz~2.387GHz)



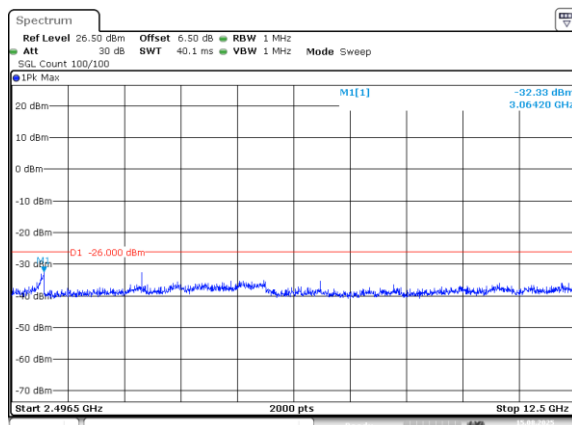
#### BLE 1M\_Low Channel(2.387GHz~2.4GHz)



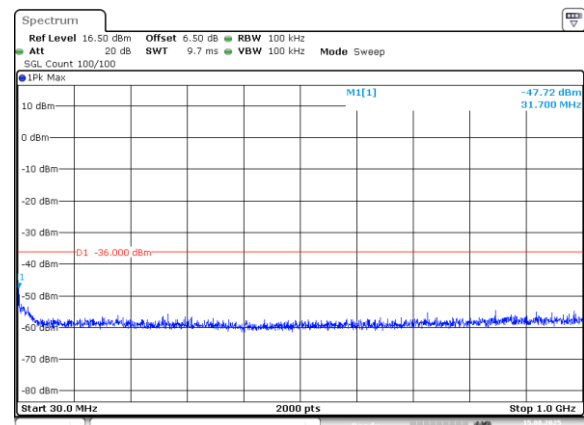
#### BLE 1M\_Low Channel(2.4835GHz~2.4965GHz)



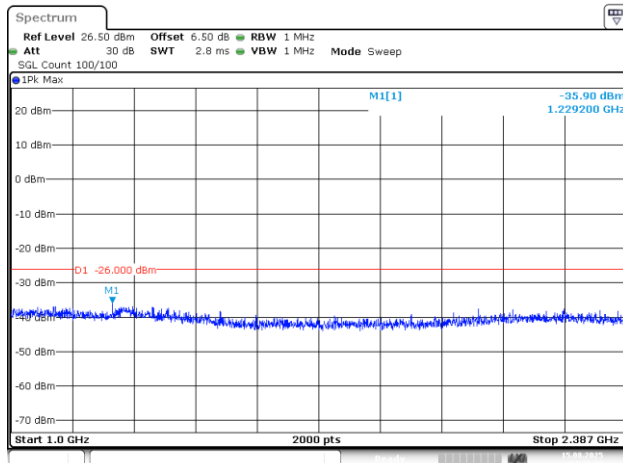
#### BLE 1M\_Low Channel(2.4965GHz~12.5GHz)



#### BLE 1M\_Middle Channel(30MHz~1GHz)

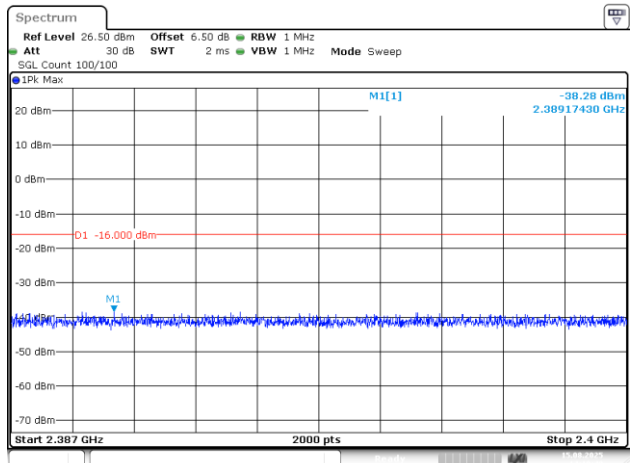


BLE 1M\_Middle Channel(1GHz~2.387GHz)



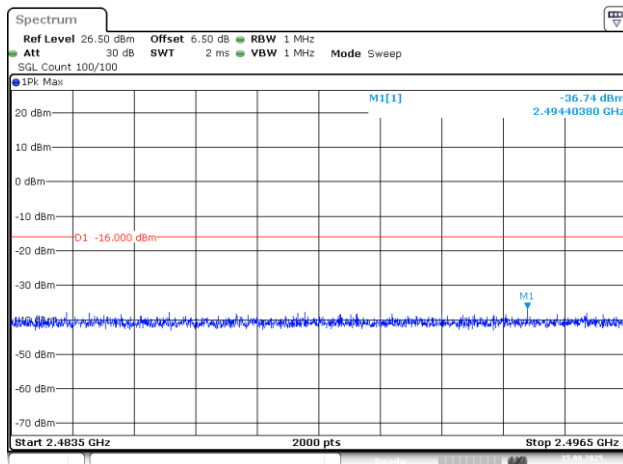
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:18:29

BLE 1M\_Middle Channel(2.387GHz~2.4GHz)



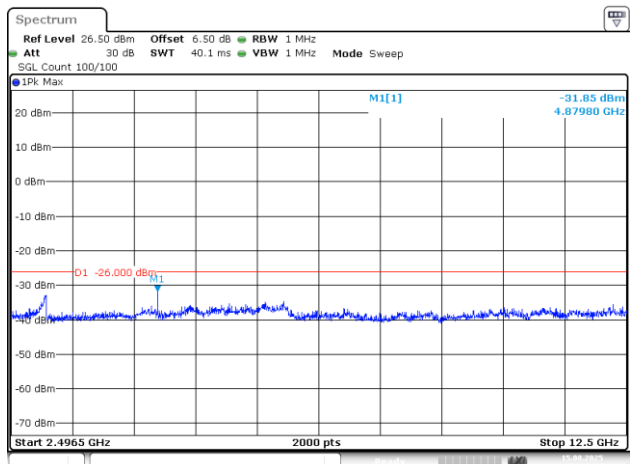
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:18:41

BLE 1M\_Middle Channel(2.4835GHz~2.4965GHz)



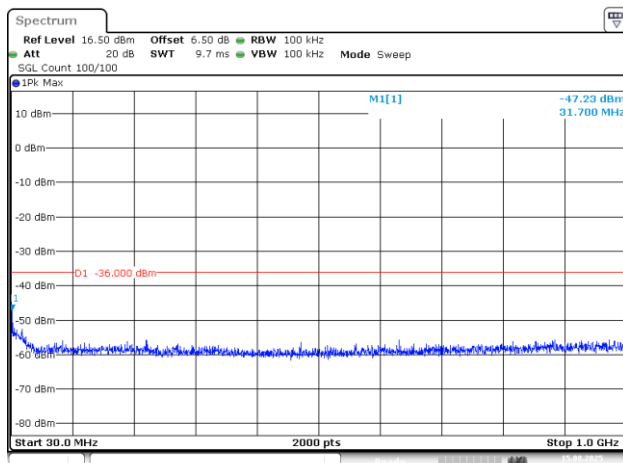
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Date: 15.AUG.2025 14:18:52

BLE 1M\_Middle Channel(2.4965GHz~12.5GHz)



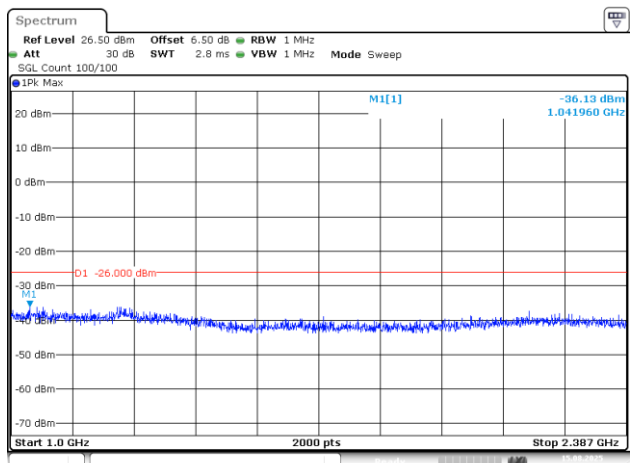
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:19:23

BLE 1M\_High Channel(30MHz~1GHz)



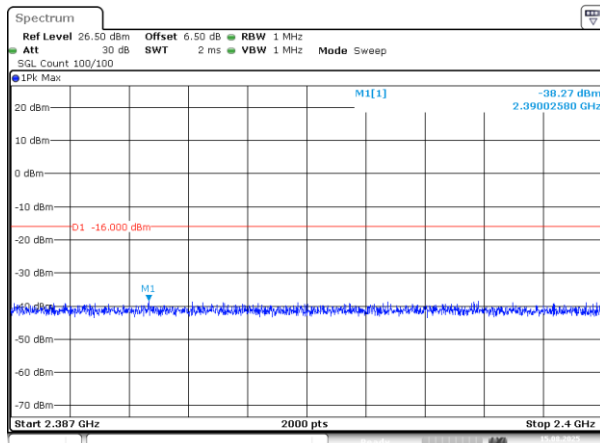
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:20:29

BLE 1M\_High Channel(1GHz~2.387GHz)



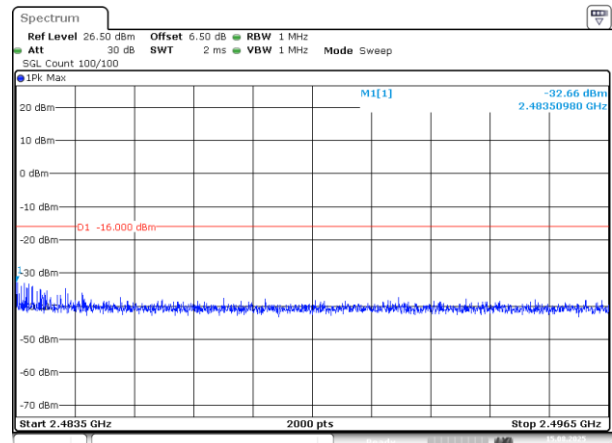
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Date: 15.AUG.2025 14:20:41

BLE 1M\_High Channel(2.387GHz~2.4GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:20:52

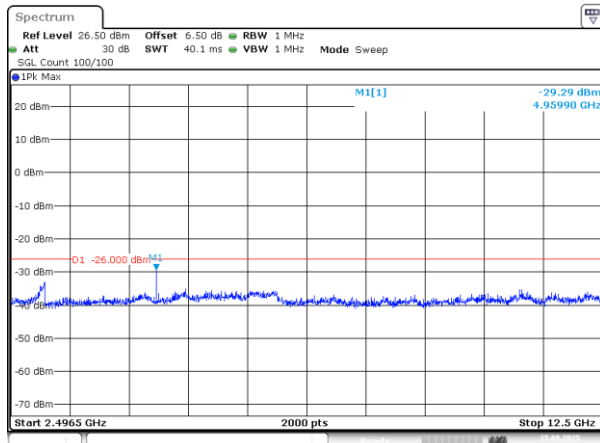
BLE 1M\_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:21:04

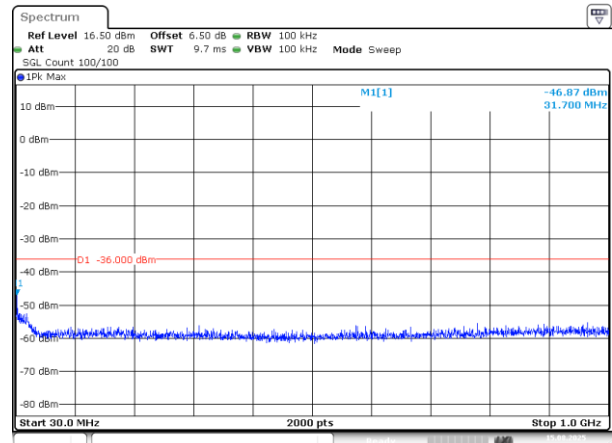
### Test Condition: LV

BLE 1M\_High Channel(2.4965GHz~12.5GHz)



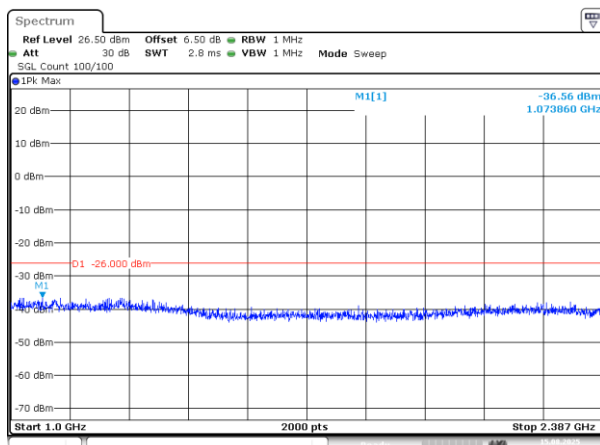
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Date: 15.AUG.2025 14:21:35

BLE 1M\_Low Channel(30MHz~1GHz)



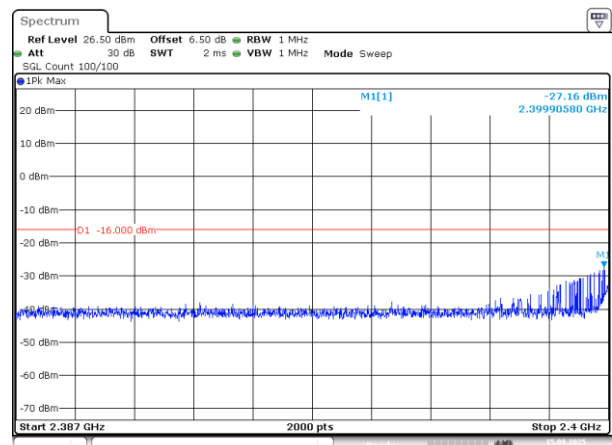
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:49:42

BLE 1M\_Low Channel(1GHz~2.387GHz)



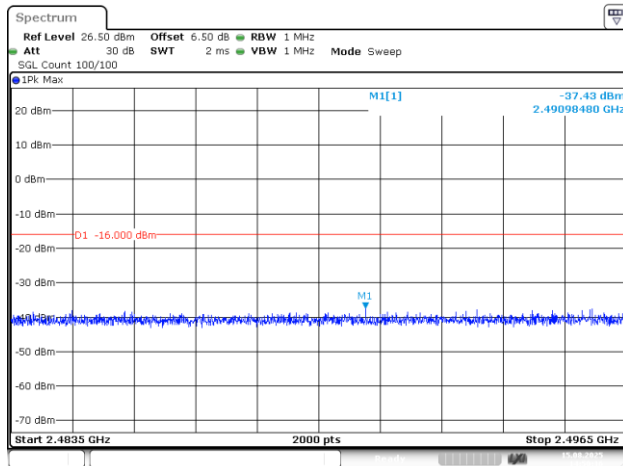
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:49:54

BLE 1M\_Low Channel(2.387GHz~2.4GHz)



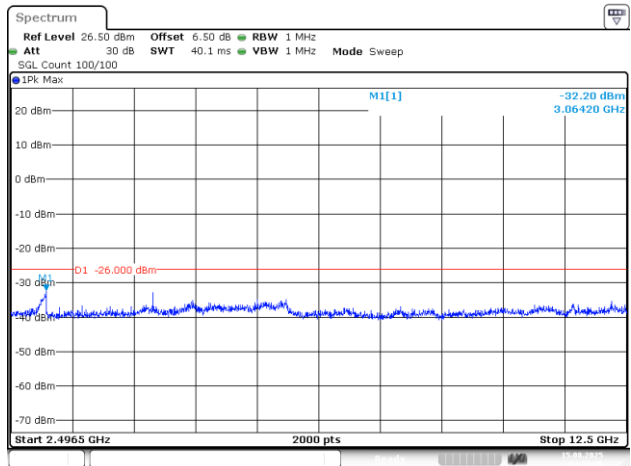
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:50:04

BLE 1M\_Low Channel(2.4835GHz~2.4965GHz)



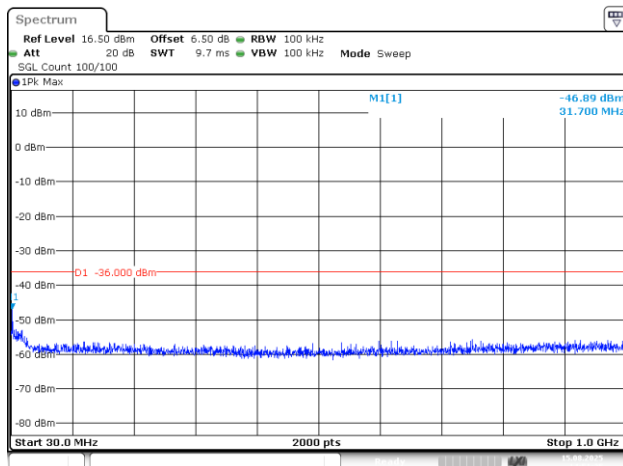
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:50:15

BLE 1M\_Low Channel(2.4965GHz~12.5GHz)



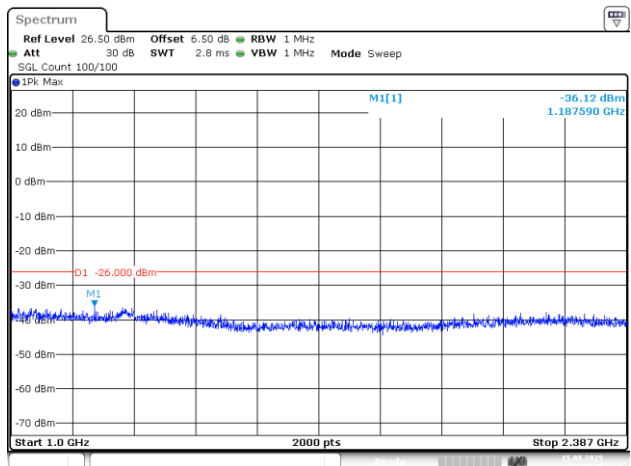
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:50:45

BLE 1M\_Middle Channel(30MHz~1GHz)



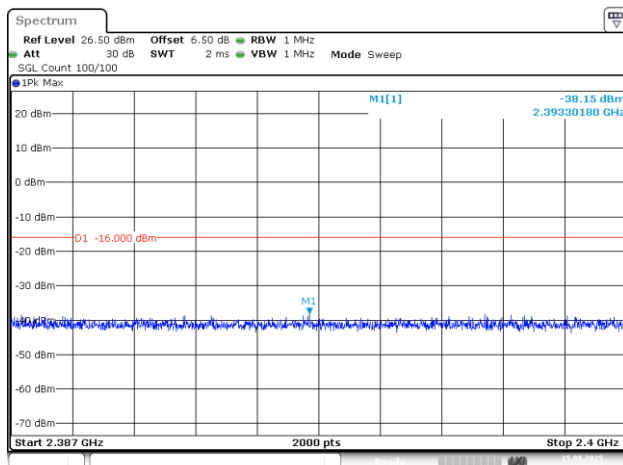
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:51:35

BLE 1M\_Middle Channel(1GHz~2.387GHz)



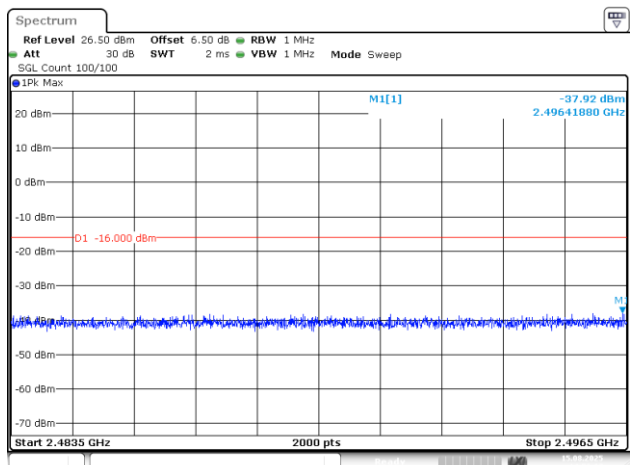
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:51:46

BLE 1M\_Middle Channel(2.387GHz~2.4GHz)



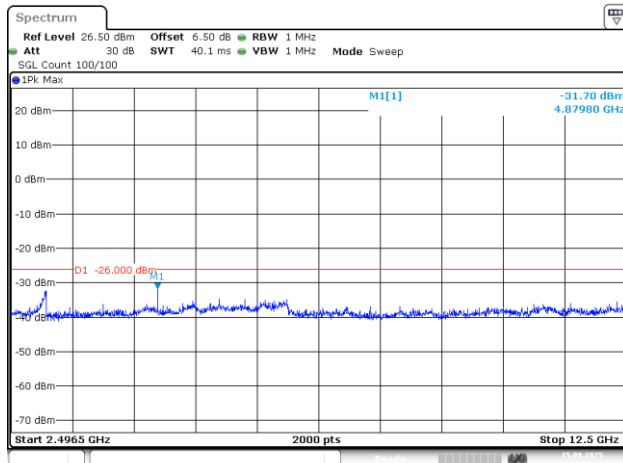
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:51:56

BLE 1M\_Middle Channel(2.4835GHz~2.4965GHz)



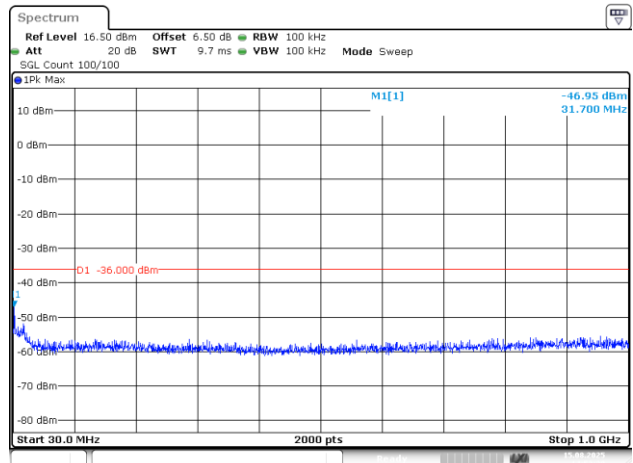
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:52:07

BLE 1M\_Middle Channel(2.4965GHz~12.5GHz)



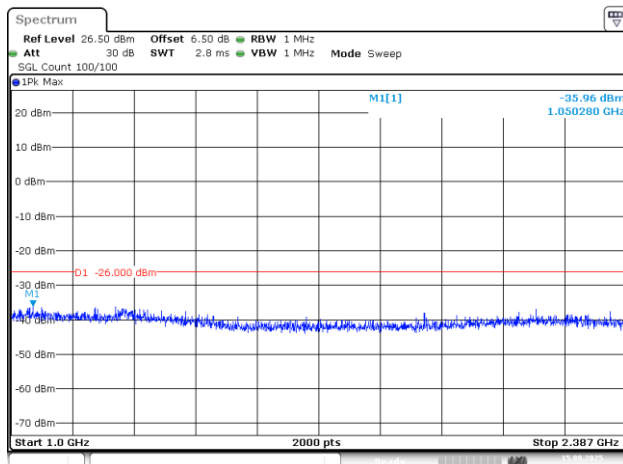
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:52:36

BLE 1M\_High Channel(30MHz~1GHz)



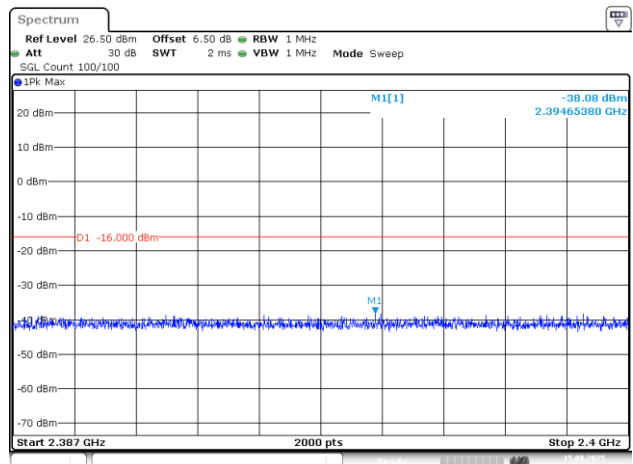
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:53:20

BLE 1M\_High Channel(1GHz~2.387GHz)



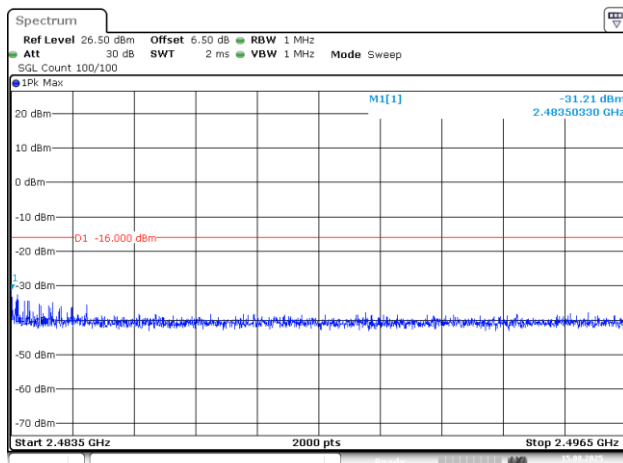
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:53:32

BLE 1M\_High Channel(2.387GHz~2.4GHz)



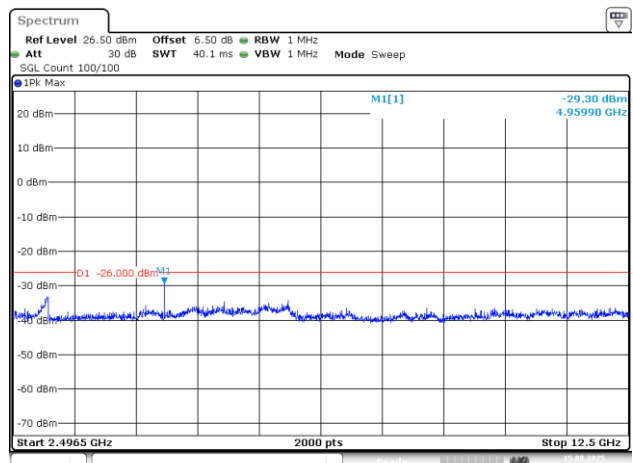
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:53:43

BLE 1M\_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:53:55

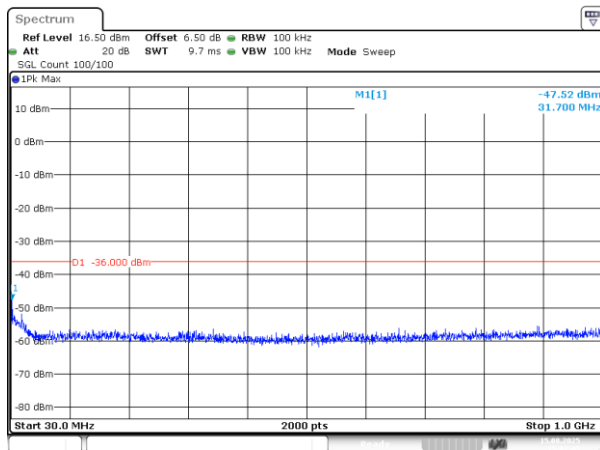
BLE 1M\_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:54:26

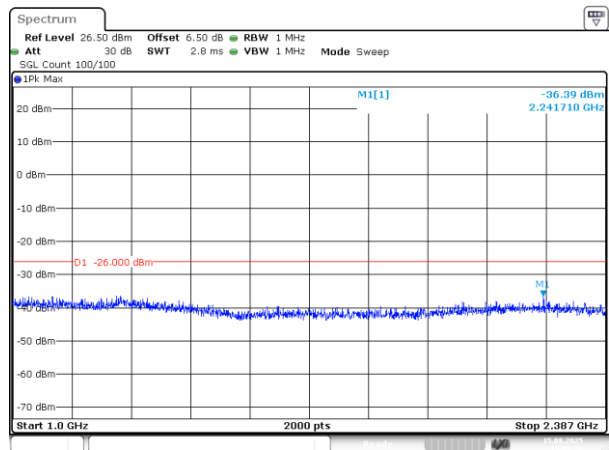
## Test Condition: HV

### BLE 1M\_Low Channel(30MHz~1GHz)



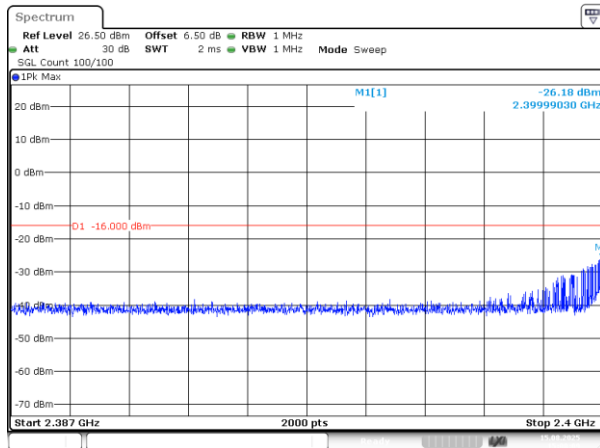
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:07:46

### BLE 1M\_Low Channel(1GHz~2.387GHz)



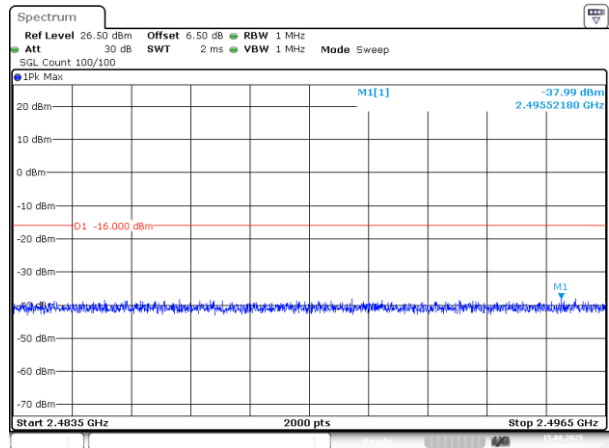
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:07:58

### BLE 1M\_Low Channel(2.387GHz~2.4GHz)



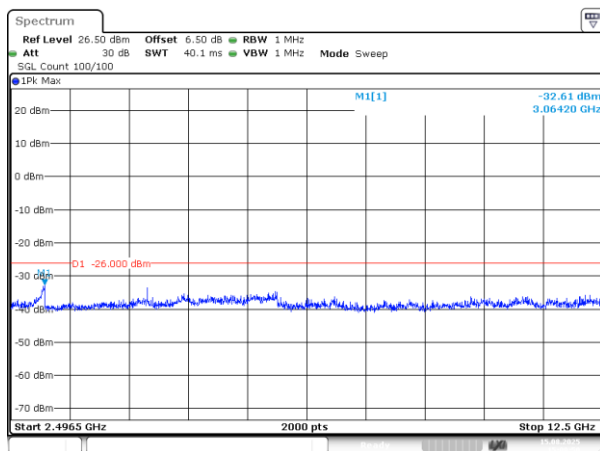
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:08:09

### BLE 1M\_Low Channel(2.4835GHz~2.4965GHz)



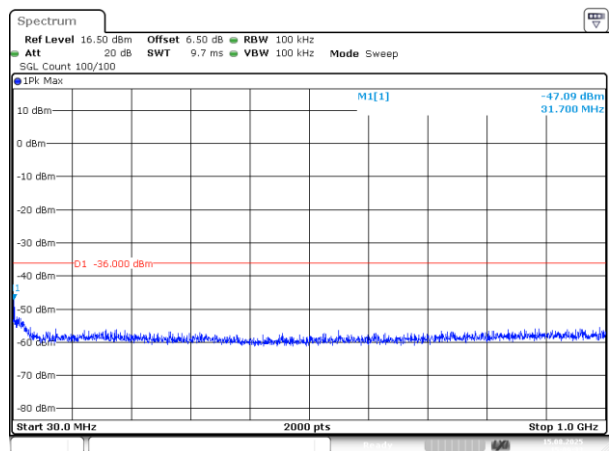
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:08:20

### BLE 1M\_Low Channel(2.4965GHz~12.5GHz)



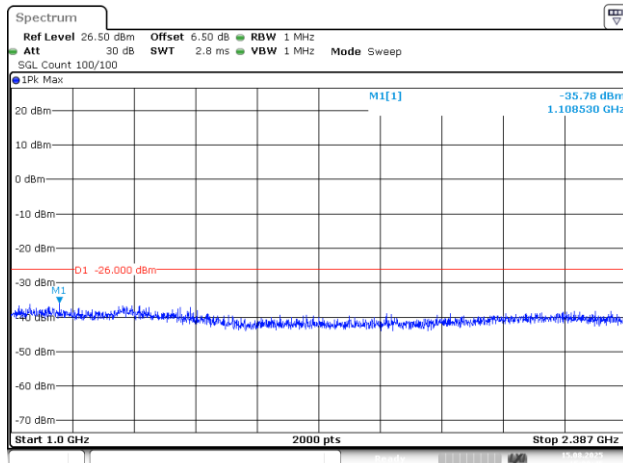
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:08:50

### BLE 1M\_Middle Channel(30MHz~1GHz)



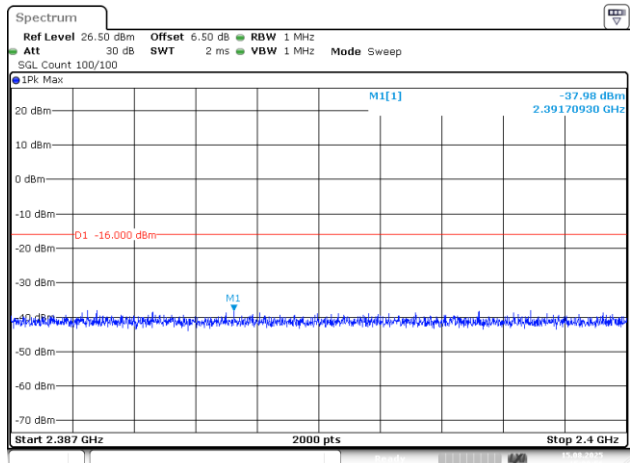
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:09:33

BLE 1M\_Middle Channel(1GHz~2.387GHz)



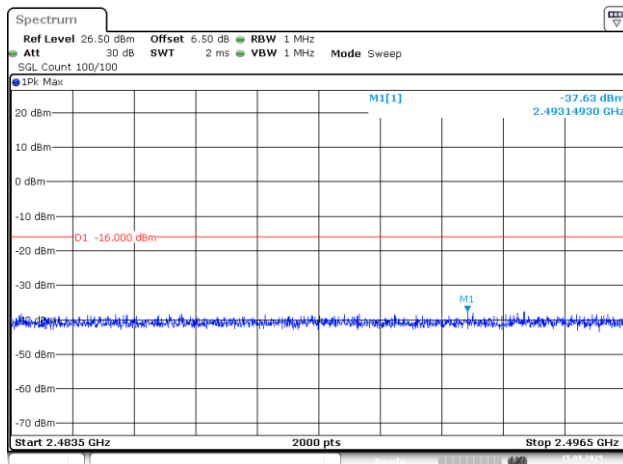
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:09:45

BLE 1M\_Middle Channel(2.387GHz~2.4GHz)



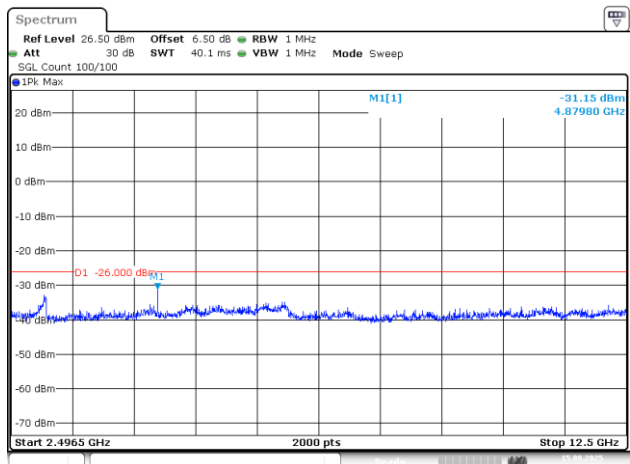
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:09:57

BLE 1M\_Middle Channel(2.4835GHz~2.4965GHz)



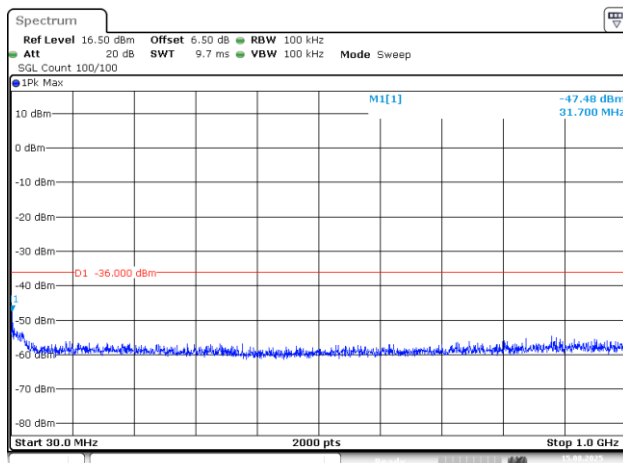
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:10:08

BLE 1M\_Middle Channel(2.4965GHz~12.5GHz)



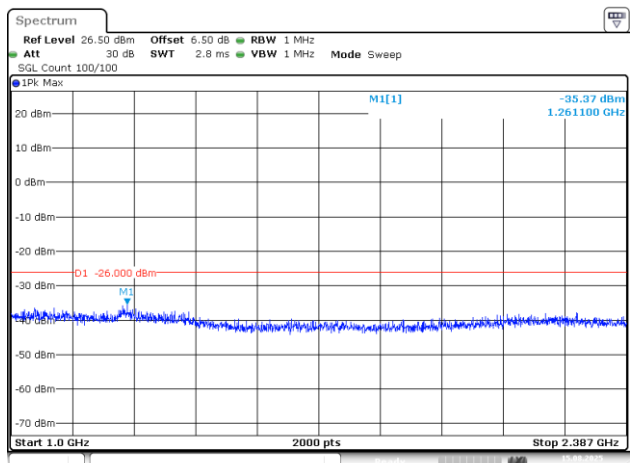
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:10:37

BLE 1M\_High Channel(30MHz~1GHz)



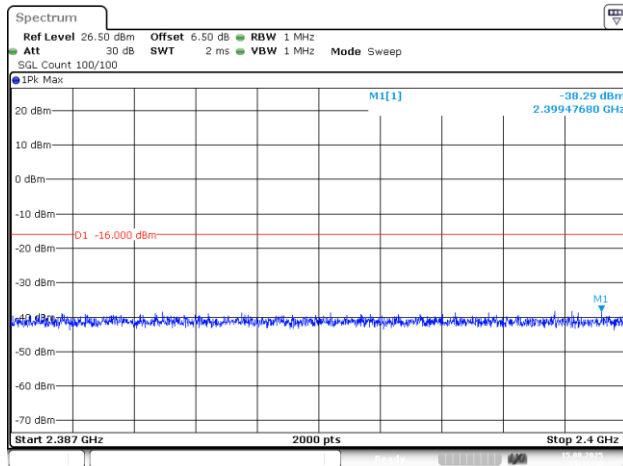
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:11:17

BLE 1M\_High Channel(1GHz~2.387GHz)



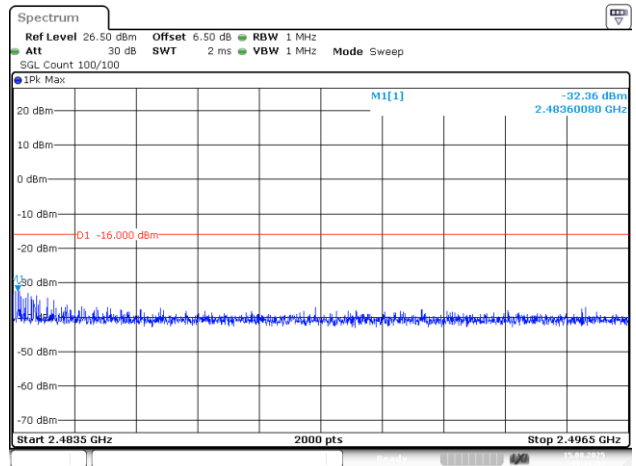
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:11:29

### BLE 1M\_High Channel(2.387GHz~2.4GHz)



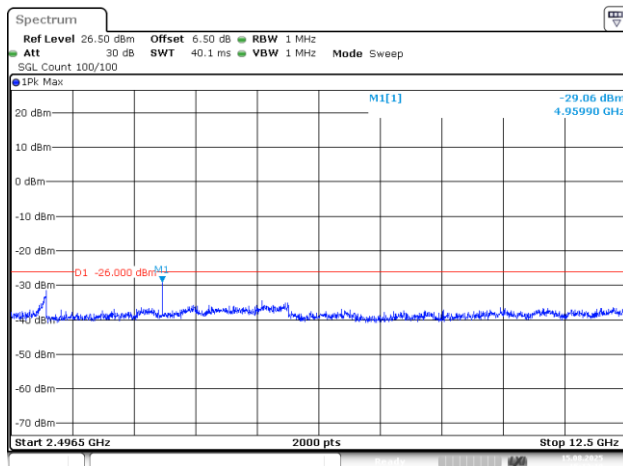
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:11:39

### BLE 1M\_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:11:50

### BLE 1M\_High Channel(2.4965GHz~12.5GHz)

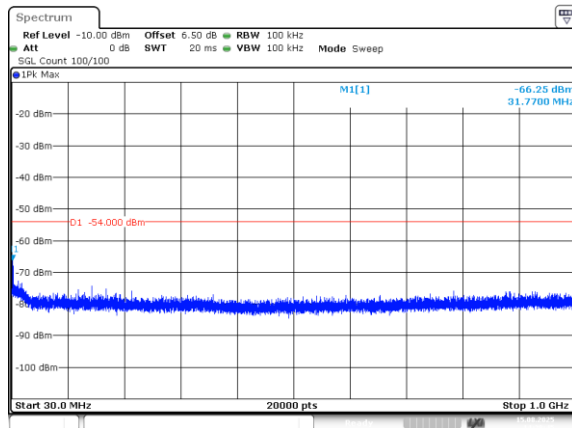


ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:12:19

## Receiver Spurious Emission and Unwanted Emission Intensity:

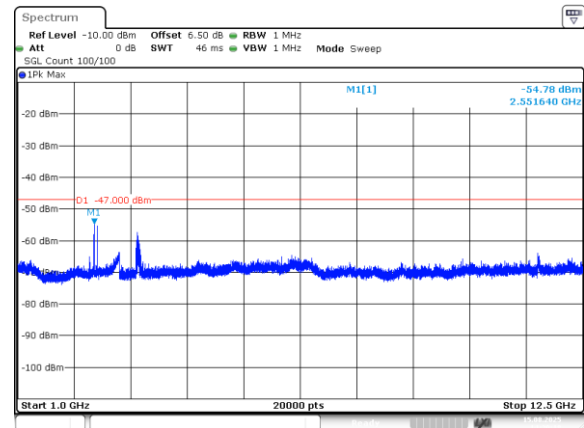
Test Condition: NV

BLE 1M\_Low Channel(30MHz~1GHz)



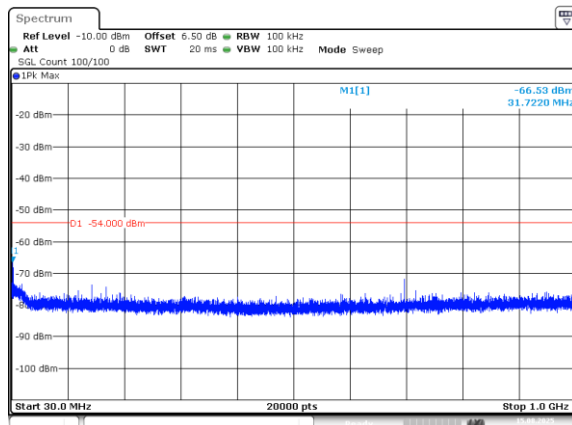
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:28:45

BLE 1M\_Low Channel(1GHz~12.5GHz)



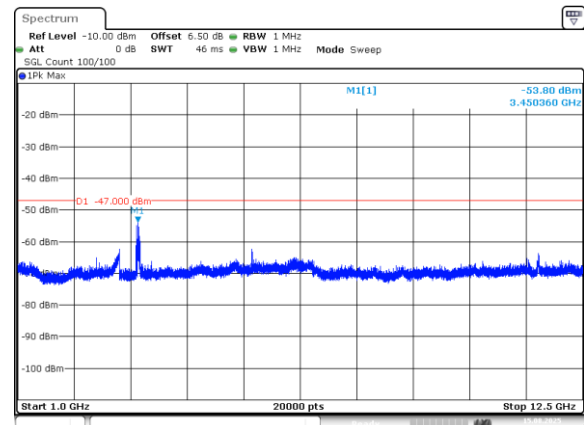
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:29:18

BLE 1M\_Middle Channel(30MHz~1GHz)



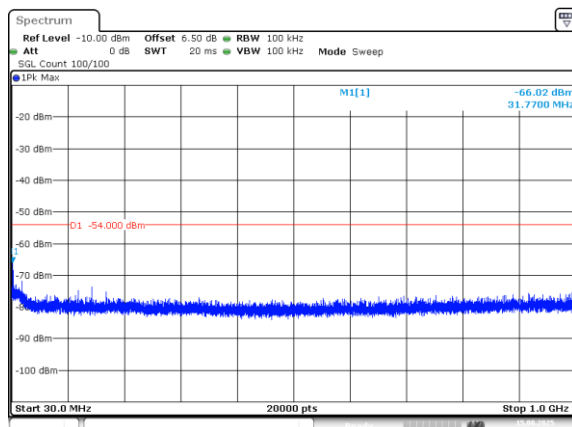
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:29:42

BLE 1M\_Middle Channel(1GHz~12.5GHz)



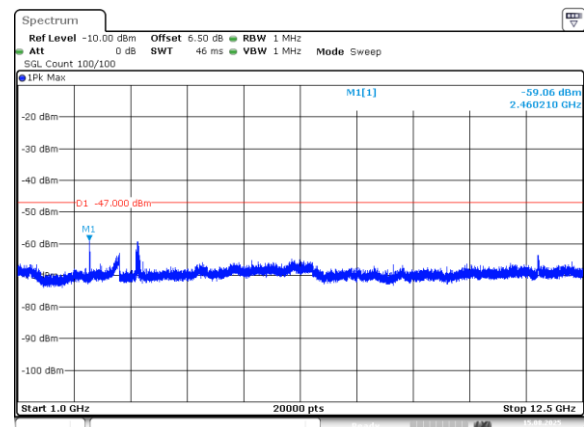
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:30:40

BLE 1M\_High Channel(30MHz~1GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:31:04

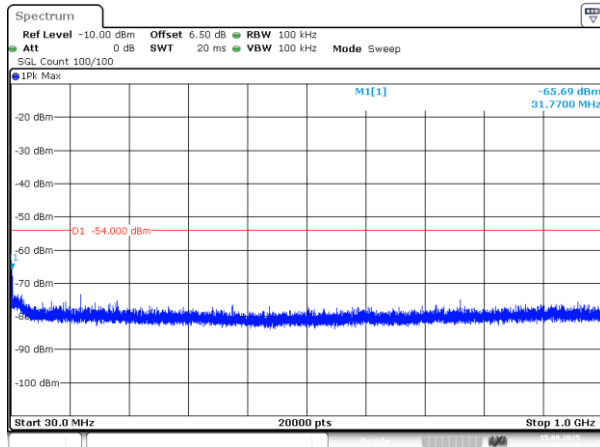
BLE 1M\_High Channel(1GHz~12.5GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:31:48

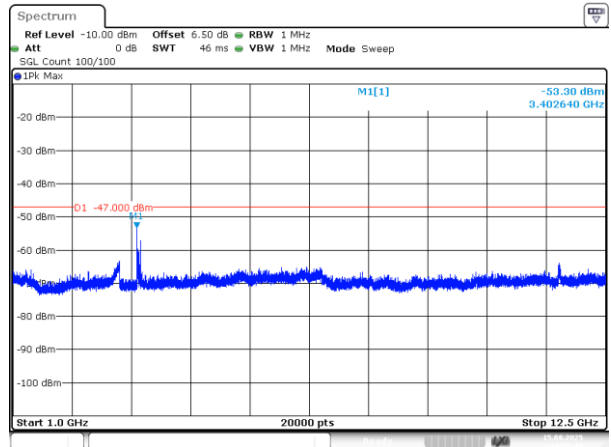
## Test Condition: LV

### BLE 1M\_Low Channel(30MHz~1GHz)



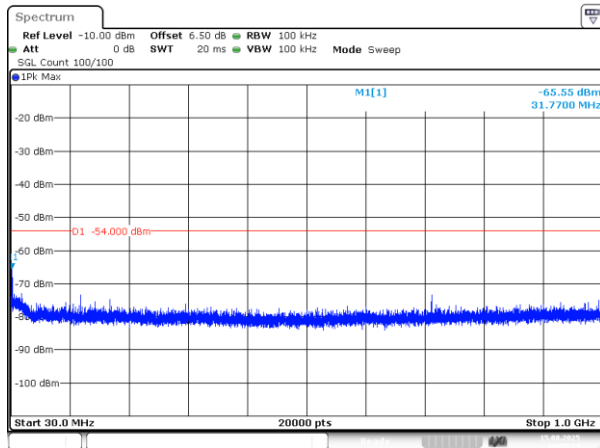
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:55:12

### BLE 1M\_Low Channel(1GHz~12.5GHz)



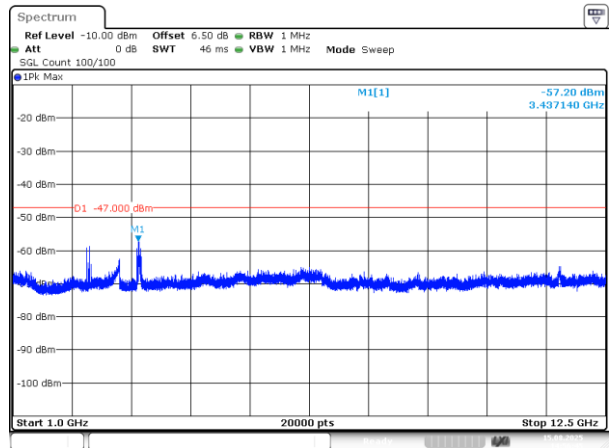
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:55:45

### BLE 1M\_Middle Channel(30MHz~1GHz)



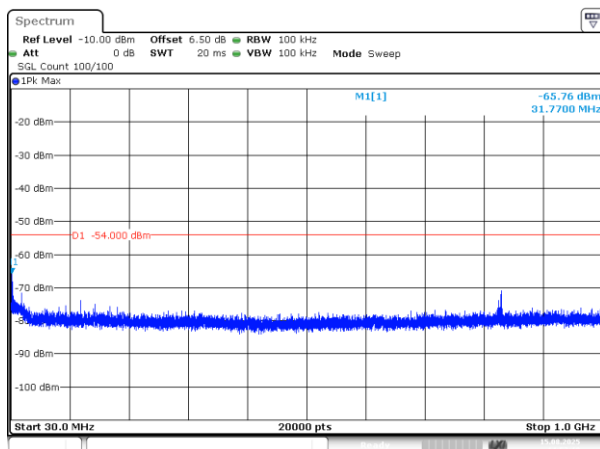
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:56:14

### BLE 1M\_Middle Channel(1GHz~12.5GHz)



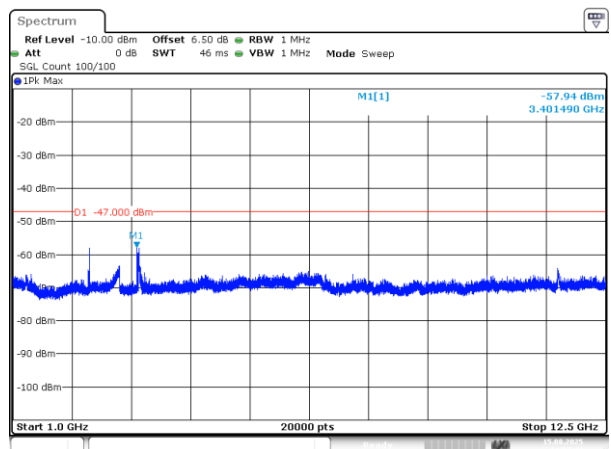
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:56:45

### BLE 1M\_High Channel(30MHz~1GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:57:11

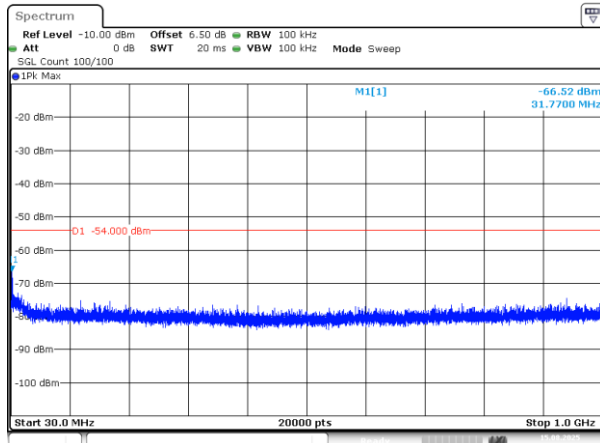
### BLE 1M\_High Channel(1GHz~12.5GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 14:57:43

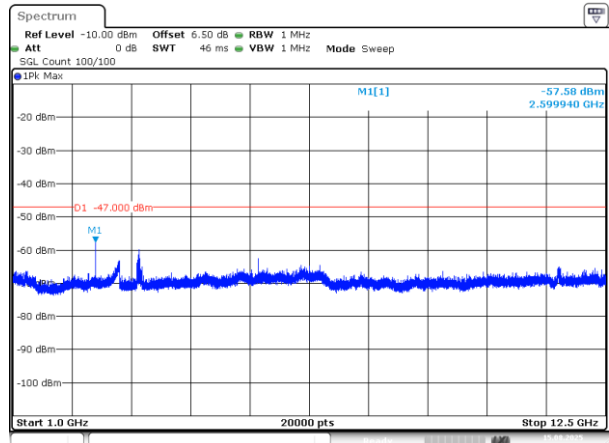
## Test Condition: HV

### BLE 1M\_Low Channel(30MHz~1GHz)



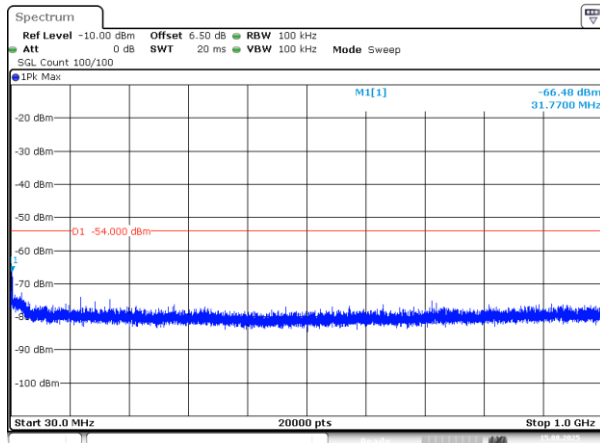
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:15:50

### BLE 1M\_Low Channel(1GHz~12.5GHz)



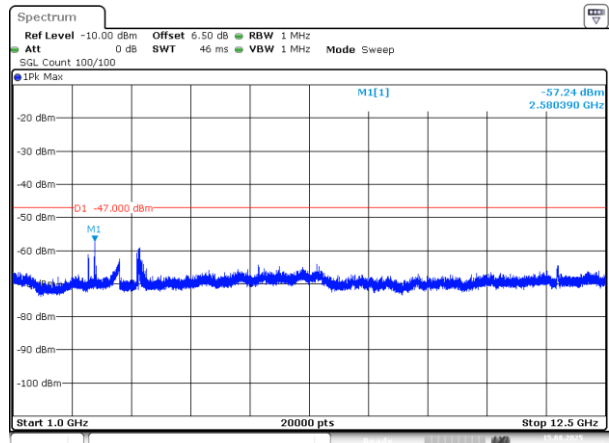
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:16:21

### BLE 1M\_Middle Channel(30MHz~1GHz)



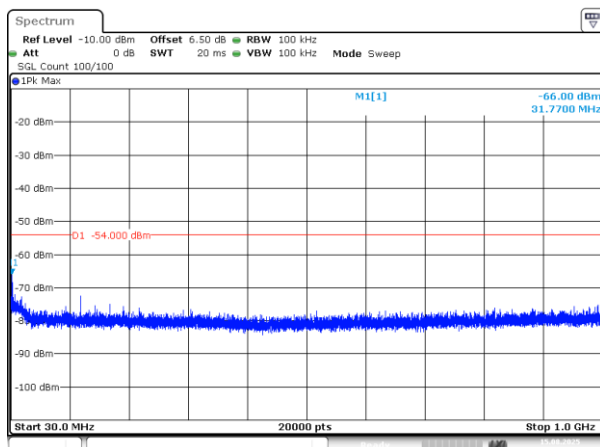
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:16:48

### BLE 1M\_Middle Channel(1GHz~12.5GHz)



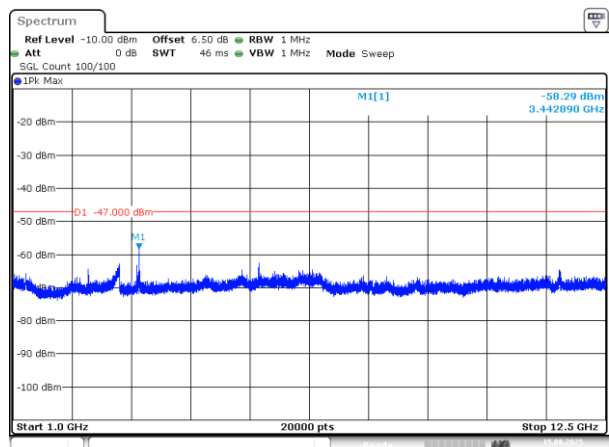
ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:18:37

### BLE 1M\_High Channel(30MHz~1GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:19:09

### BLE 1M\_High Channel(1GHz~12.5GHz)



ProjectNo.:2505W37174E-RF Tester:Ryan Zhang  
Date: 15.AUG.2025 15:20:49

## 4 Test Setup Photo

Please refer to the attachment 2505W37174E Test Setup photo.

## 5 E.U.T Photo

Please refer to the attachment 2505W37174E External photo and 2505W37174E Internal photo.

**---End of Report---**