

# Specified Radio Equipment TEST REPORT

Project Number : EA2601C-114  
Test Report Number : TR-W2602-009  
Type of Equipment : 1.st LUCENIA HI-FIT  
Model Name : IST-HIFIT  
Additional Model Name : N/A  
Applicant : BNC KOREA, Inc.  
Address : 62, Seongseogongdan-ro 11-gil, Dalseo-gu, Daegu, Republic of Korea  
Manufacturer : BNC KOREA, Inc.  
Address : 62, Seongseogongdan-ro 11-gil, Dalseo-gu, Daegu, Republic of Korea  
Product Standard : Ordinance concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment, Article 2 Paragraph 1 Item (19)  
Total page of Report : 38 pages  
Date of Receipt : January 13, 2026  
Date(s) of Tests : January 10, 2026 ~ January 10, 2026  
Date of Issue : February 19, 2026  
Test Result : PASS

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

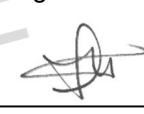
Prepared by Choi, Yoonseok / Research Engineer

  
Signature

February 19, 2026

Date

Reviewed by Ryu, Ui-Hyun / Technical Manager

  
Signature

February 19, 2026

Date

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# Release Control Record

| Issue Report No. | Issued Date       | Details/Revisions |
|------------------|-------------------|-------------------|
| TR-W2602-009     | February 19, 2026 | Initial Release   |

## 1. TEST SUMMARY

### 1.1 Test standards and results

The sample submitted for evaluation (Hereafter refer to as the EUT) has been tested in accordance with the following standards.

| Test Items acc. to Ordinance concerning Technical Regulations Conformity Certification for Specified Radio Equipment, Chapter 1 Article 2, Paragraph 1, Item 19                                         |                                              |         |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------|---------|
| Clause Number                                                                                                                                                                                           | Test Items                                   | Results | Note    |
| 3.2(4)                                                                                                                                                                                                  | Frequency Tolerance                          | C       |         |
| 3.2(2)(3)                                                                                                                                                                                               | Antenna Power / Tolerances for antenna power | C       |         |
| 3.2(7)                                                                                                                                                                                                  | Occupied Bandwidth                           | C       |         |
| 3.2(8)                                                                                                                                                                                                  | Spreading Bandwidth                          | C       |         |
| 3.2(9)                                                                                                                                                                                                  | Spreading Factor                             | N/A     | Note 1  |
| 3.2(6)                                                                                                                                                                                                  | Transmitter Spurious Emission                | C       |         |
| 3.3(1)                                                                                                                                                                                                  | Receiver Spurious Emission                   | C       |         |
| 3.2(11)                                                                                                                                                                                                 | Hopping Frequency Dwell Time                 | N/A     | Note 1- |
| 3.5(2)                                                                                                                                                                                                  | Radio Interference Prevention Capability     | C       |         |
| Remark:<br><b>C</b> means Comply <b>N/C</b> means Not Comply <b>N/A</b> means Not Applicable<br><b>Note 1:</b> The EUT use Bluetooth LE technology, so the test was not performed acc. to the standard. |                                              |         |         |

### 1.2 Purpose of the test

To determine whether the EUT is operated in accordance and fulfills the Ordinance concerning Technical Regulations Conformity Certification for Specified Radio Equipment, Chapter 1 Article 2, Paragraph 1, Item 19

### 1.3 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

## 1.4 Test Facility

The measurement facilities are located at 135-60 Gyeongchung-daero, Gonjam-eup, Gwangju-si, Gyeonggi-do 12813, Korea. Our test facilities are accredited as a Conformity Assessment Body (CAB) by the FCC and ISED Canada, designated by the RRA (National Radio Research Agency), and accredited by KOLAS (Korea Laboratory Accreditation Scheme) in Korea and approved by TÜV Rheinland, TÜV SÜD, Korean Register of Shipping according to the requirement of ISO/IEC 17025 and registered VCCI member by VCCI Council.

| Laboratory Qualification                   | Registration No.                    | Mark                                                                                  |
|--------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------|
| FCC                                        | KR0160                              |    |
| ISED Canada                                | 12721A                              |    |
| RRA                                        | KR0160                              |    |
| TÜV Rheinland                              | UA 50314109-0002                    |   |
| TÜV SÜD                                    | CARAT 094465 0004<br>Rev.00         |  |
| Korean Agency for Technology and Standards | KT733                               |  |
| Korea Register of Shipping                 | PCT40841-TL001                      |  |
| VCCI                                       | Member No: 4297<br>R-20184, T-20140 |  |

Remark. This report is not related to KOLAS accreditation and relevant regulation.

## 2. EUT (Equipment Under Test) INFORMATION

### 2.1 General Description

BNC KOREA, Inc. Model: IST-HIFIT (referred to as the EUT in this report) is a aesthetic care device, which has Bluetooth LE.

The product specification described herein was obtained from product data sheet or user's manual.

|                           |                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade Mark                | <b>I.st</b> 아이스트                                                                                                                                                     |
| Operating Frequency Range | Bluetooth LE: 2 402 MHz ~ 2 480 MHz                                                                                                                                  |
| Nominal Channel Bandwidth | Bluetooth LE: 2 MHz                                                                                                                                                  |
| Modulation Types          | GFSK                                                                                                                                                                 |
| Declared RF output power  | 3 mW (same as 4.77 dBm)                                                                                                                                              |
| Number of Channels        | 40 Channels. (2 MHz step)                                                                                                                                            |
| Rated Power               | DC 7.4 V                                                                                                                                                             |
| Operating Temperature     | -10 °C ~ + 40 °C                                                                                                                                                     |
| Storage Temperature       | -20 °C ~ + 40 °C                                                                                                                                                     |
| Type of Antenna           | Integrated Type (Pattern Antenna)                                                                                                                                    |
| Antenna Gain              | Declared maximum antenna gain: 1.47 dBi                                                                                                                              |
| Size (W x D x H)          | <b>*Device</b><br>-Device with Multi cartridge: 195.0 x 69.5 x 44.8 mm<br>-Device with HIFU cartridge: 195.0 x 82.3 x 44.8 mm<br><b>Cradle</b><br>-242 x 95 x 102 mm |

\*For this product, the cartridge can be replaced depending on the operation mode (beauty use).

The cartridge type does not affect the RF test results.

### 2.2 Additional Model(s) Name

- N/A

### 2.3 Factory Information

Company : BNC KOREA, Inc.

Address : 62, Seongseogongdan-ro 11-gil, Dalseo-gu, Daegu, Republic of Korea

### 3. TEST CONDITION AND OPERATION MODES

#### 3.1 Mode of operation during the test

| Test Mode      | Description                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------|
| # 1            | Software used to control the EUT for staying in continuous <b>un-modulated transmitting mode</b> is programmed. |
| # 2            | Software used to control the EUT for staying in continuous <b>modulated transmitting mode</b> is programmed.    |
| # 3            | Software used to control the EUT for staying in continuous <b>receiving mode</b> is programmed                  |
| Supply Voltage | The test was performed at DC 7.4 V $\pm$ 10 %.                                                                  |

#### 3.2 EUT RF operation software

|                                   |                                                                  |
|-----------------------------------|------------------------------------------------------------------|
| Test Software                     | FCC_assist                                                       |
| Test Software Version             | 1.0.4                                                            |
| RF power setting in test software | Default (Unable to change output settings, using default values) |

#### 3.3 Channel of operation during the test

##### Bluetooth LE (1Mbps, 2Mbps)

| Channel No. | Frequency (MHz) |
|-------------|-----------------|
| 0           | 2 402           |
| 19          | 2 440           |
| 39          | 2 480           |

#### 3.4 Equipment Used During Test

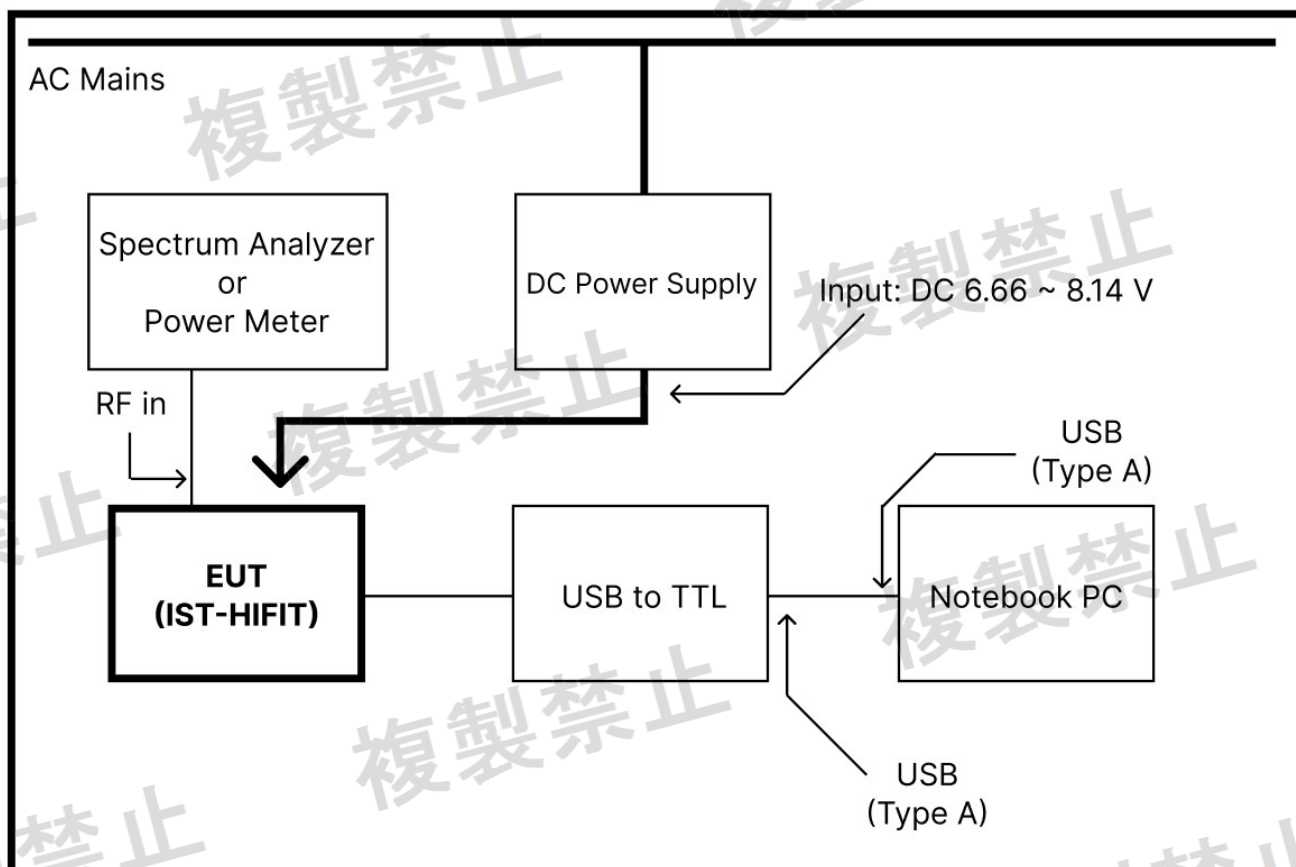
The following peripheral devices and/or interface cables were connected during the measurement:

| Description             | Model No.                           | Serial No. | Manufacturer.   |
|-------------------------|-------------------------------------|------------|-----------------|
| I.st LUCENIA HI-FIT     | IST-HIFIT                           | -          | BNC KOREA, Inc. |
| USB to TTL              | -                                   | -          | -               |
| Notebook PC             | IdeaPad 3 15IAU7 Laptop – Type 82RK | PF4LYBX2   | HP Inc.         |
| Adapter for Notebook PC | ADP-65ME B                          | N/A        | Lenovo          |

### 3.5 Cable Description

| Description             | Ports Name | Shielded (Y/N) | Ferrite Core (Y/N) | Length (m) | Connected to            |
|-------------------------|------------|----------------|--------------------|------------|-------------------------|
| EUT                     | DC input   | N              | N                  | 0.8        | DC Power Supply         |
| EUT                     | Serial     | N              | N                  | 0.1        | USB to TTL              |
| USB to TTL              | USB        | Y              | N                  | 0.4        | Notebook PC             |
| Notebook PC             | DC In      | N              | N                  | 1.0        | Adapter for Notebook PC |
| Adapter for Notebook PC | AC In      | N              | N                  | 1.0        | AC Mains                |

### 3.6 Test Setup Drawing



### 3.7 EUT Modifications

- None.

#### 4. MEASUREMENT UNCERTAINTY

| Measurement Item                                      | Expanded Uncertainty<br>$U = k \cdot U_c (k = 2)$ |
|-------------------------------------------------------|---------------------------------------------------|
| Tolerance of frequency                                | 131.20 Hz                                         |
| Occupied bandwidth and Spreading bandwidth            | 34.71 kHz                                         |
| Antenna power                                         | 1.63 dB                                           |
| Tolerance of spurious and unwanted emission intensity | 3.84 dB                                           |
| Limit of secondary radiated emission                  | 4.11 dB                                           |
| DC Voltage                                            | 0.12 V                                            |

## 5. TEST PARAMETER

### 5.1 Tolerance of frequency

#### 5.1.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

#### 5.1.2 Limits

| Test Item              | Limits   |
|------------------------|----------|
| Tolerance of frequency | ± 50 ppm |

#### 5.1.3 Test Result

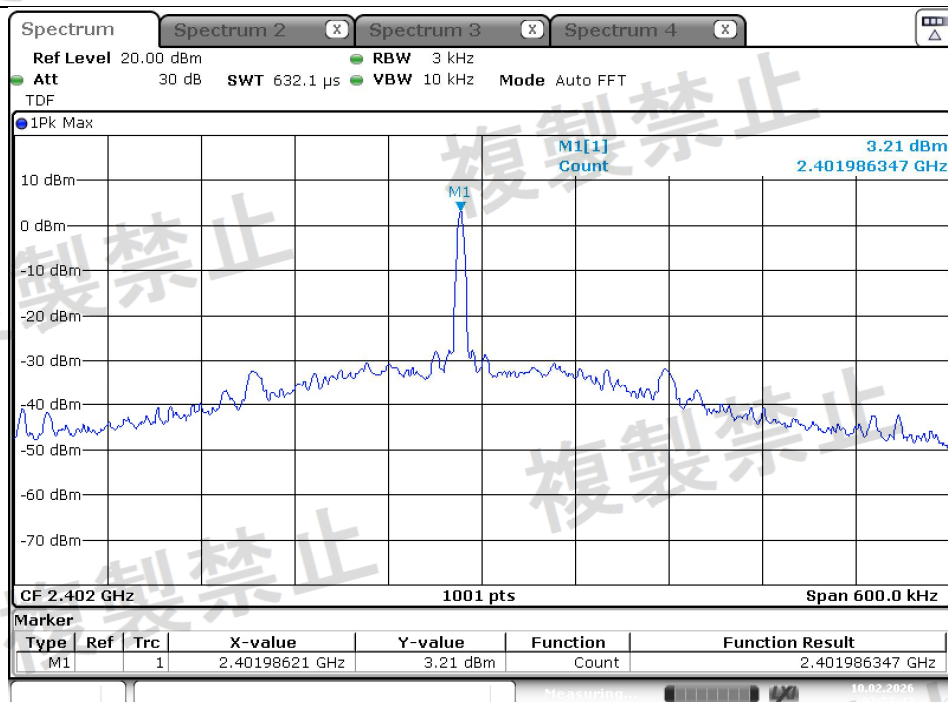
|                       |                                                                                 |                           |                     |
|-----------------------|---------------------------------------------------------------------------------|---------------------------|---------------------|
| Test Date: 2026.02.10 |                                                                                 | Tested By: Yoonseok, Choi |                     |
| Temperature           | (23 ± 1) °C                                                                     | Relative humidity         | (45 ± 3) % R.H.     |
| Operating Mode        | # 1                                                                             | Duty cycle                | 85.6 % (BLE 1M PHY) |
|                       |                                                                                 |                           | 43.6 % (BLE 2M PHY) |
| Measurement Method    | <input type="checkbox"/> Radiated <input checked="" type="checkbox"/> Conducted |                           |                     |
| Antenna Gain          | 1.47 dBi                                                                        | Test Result               | Pass                |

#### 5.1.3.1 Tabulated Test Data

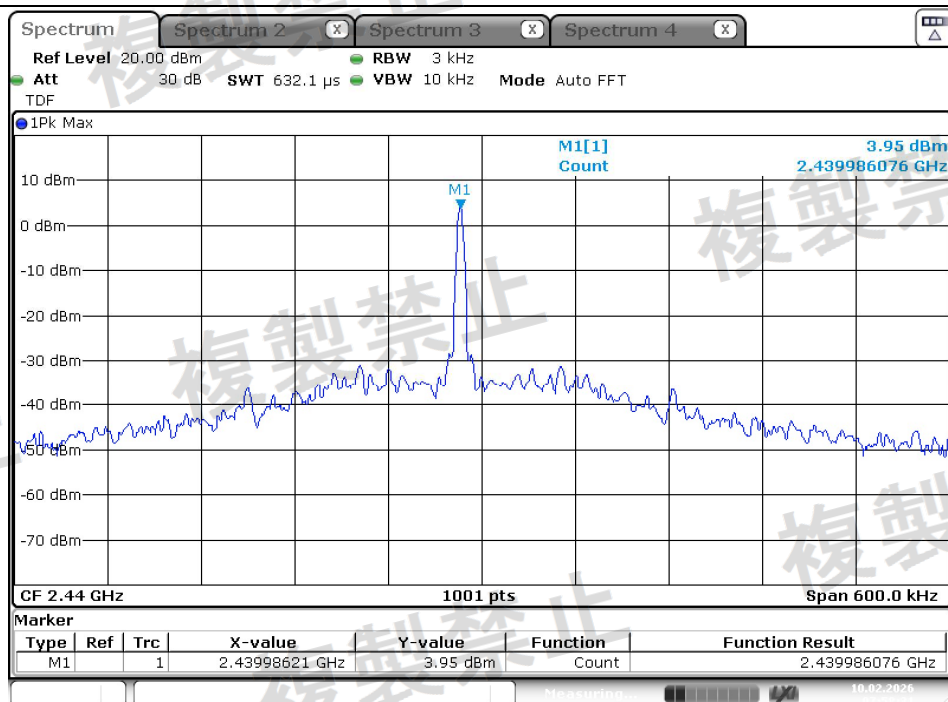
| Operating Mode         | Frequency | Test condition                | Measured Frequency | ppm   |
|------------------------|-----------|-------------------------------|--------------------|-------|
| Bluetooth LE<br>1M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 2401.986 700       | -5.54 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2401.986 347       | -5.68 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2401.986 751       | -5.52 |
|                        | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 2439.986 378       | -5.58 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2439.986 076       | -5.71 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2439.986 537       | -5.52 |
|                        | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 2479.986 015       | -5.64 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2479.985 770       | -5.74 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2479.986 290       | -5.53 |
| Bluetooth LE<br>2M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 2401.986 774       | -5.51 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2401.986 831       | -5.48 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2401.985 948       | -5.85 |
|                        | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 2439.986 468       | -5.55 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2439.986 634       | -5.48 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2439.985 776       | -5.83 |
|                        | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 2479.986 143       | -5.59 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2479.986 339       | -5.51 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2479.985 653       | -5.79 |

### 5.1.3.2 Graphical Test Data

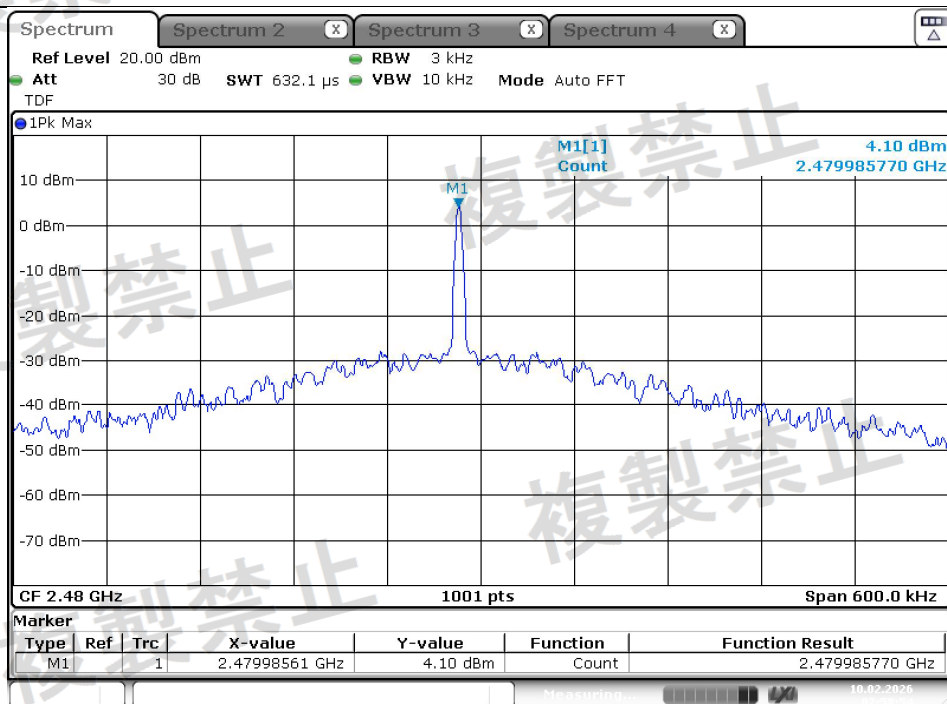
#### Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



#### Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)

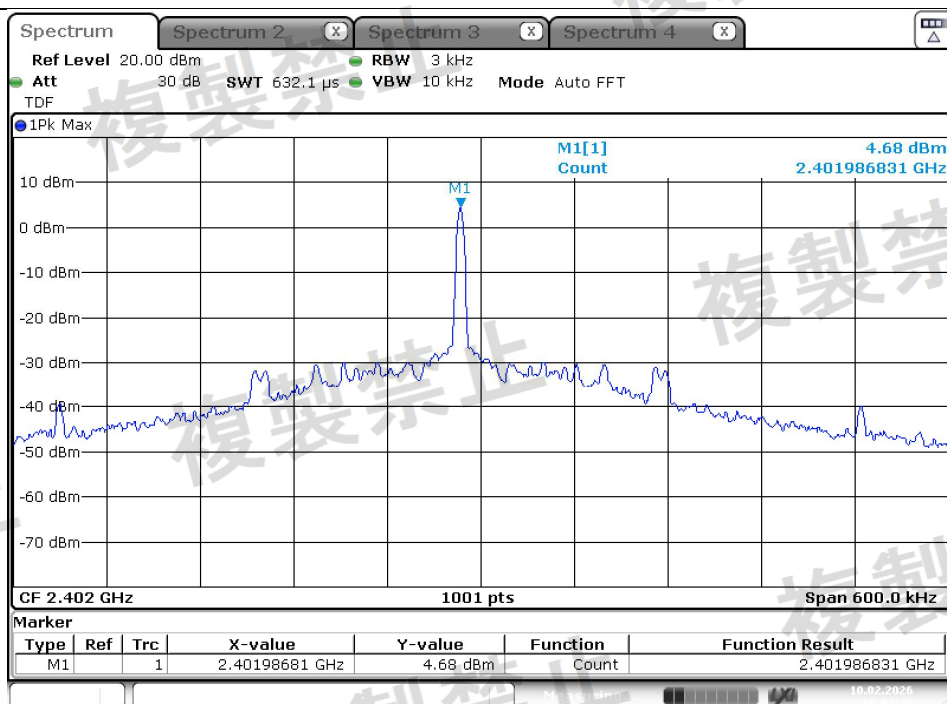


### Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



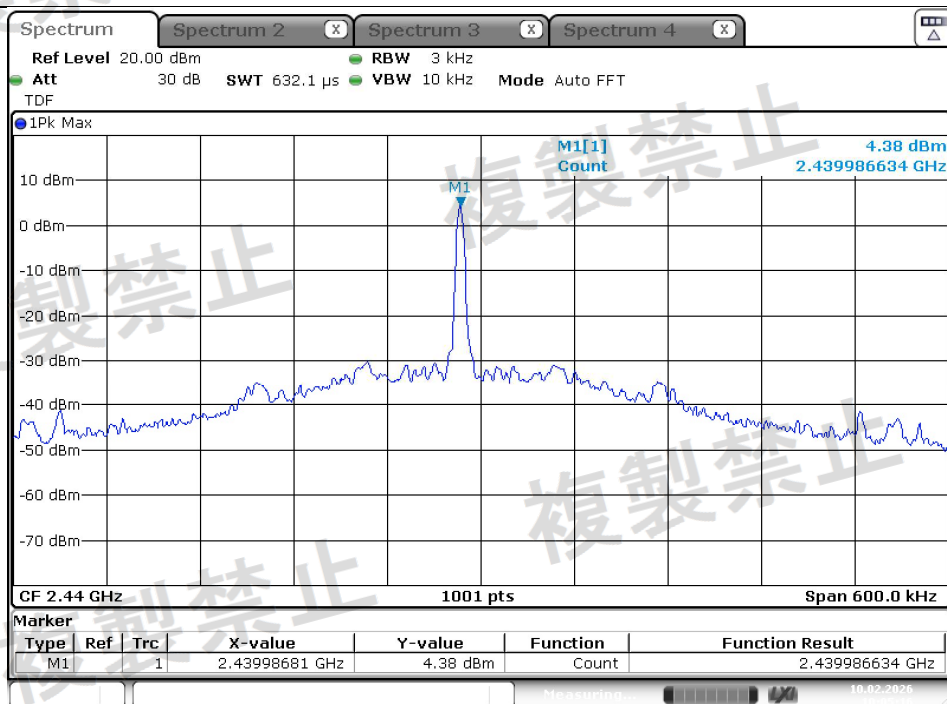
Date: 10.FEB.2026 07:58:54

### Bluetooth LE 2M PHY - 2 402 MHz (Normal Voltage)

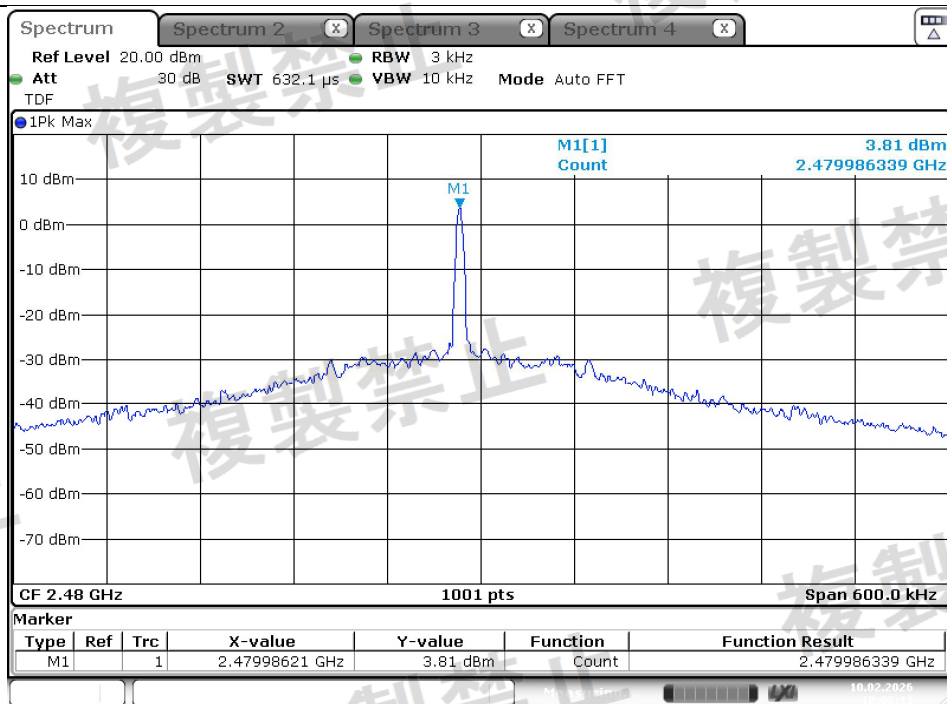


Date: 10.FEB.2026 10:04:23

# Bluetooth LE 2M PHY - 2 440 MHz (Normal Voltage)



# Bluetooth LE 2M PHY - 2 480 MHz (Normal Voltage)



## 5.2 Tolerance of occupied bandwidth

### 5.2.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

### 5.2.2 Limits

| Test Item           | Limits                                  |
|---------------------|-----------------------------------------|
| Occupied bandwidth  | FH : 83.5 MHz                           |
|                     | FH+DS : 83.5 MHz                        |
|                     | FH+OFDM : 83.5 MHz                      |
|                     | OFDM : 38 MHz                           |
|                     | <b>other : 26 MHz</b>                   |
| Spreading bandwidth | DS, FH, FH+DS, FH+OFDM : $\geq 500$ kHz |

### 5.2.3 Test Result

|                       |                                                                                 |                           |                     |
|-----------------------|---------------------------------------------------------------------------------|---------------------------|---------------------|
| Test Date: 2026.02.10 |                                                                                 | Tested By: Yoonseok, Choi |                     |
| Temperature           | (24 ± 1) °C                                                                     | Relative humidity         | (45 ± 3) % R.H.     |
| Operating Mode        | # 2                                                                             | Duty cycle                | 85.6 % (BLE 1M PHY) |
|                       |                                                                                 |                           | 43.6 % (BLE 2M PHY) |
| Measurement Method    | <input type="checkbox"/> Radiated <input checked="" type="checkbox"/> Conducted |                           |                     |
| Antenna Gain          | 1.47 dBi                                                                        | Test Result               | Pass                |

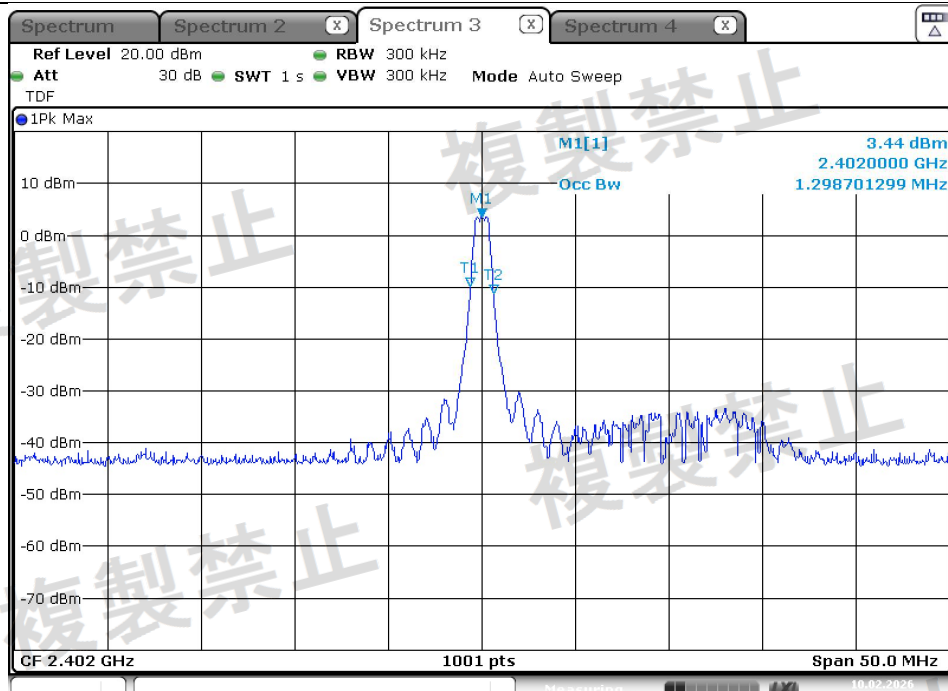
#### 5.2.3.1 Tabulated Test Data

| Operating Mode         | Frequency | Test condition                | Occupied bandwidth | Spreading bandwidth |
|------------------------|-----------|-------------------------------|--------------------|---------------------|
| Bluetooth LE<br>1M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 1.30               | 0.90                |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 1.30               | 0.85                |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 1.35               | 0.90                |
|                        | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 1.35               | 0.85                |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 1.35               | 0.90                |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 1.35               | 0.90                |
|                        | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 1.35               | 0.90                |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 1.35               | 0.85                |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 1.35               | 0.85                |

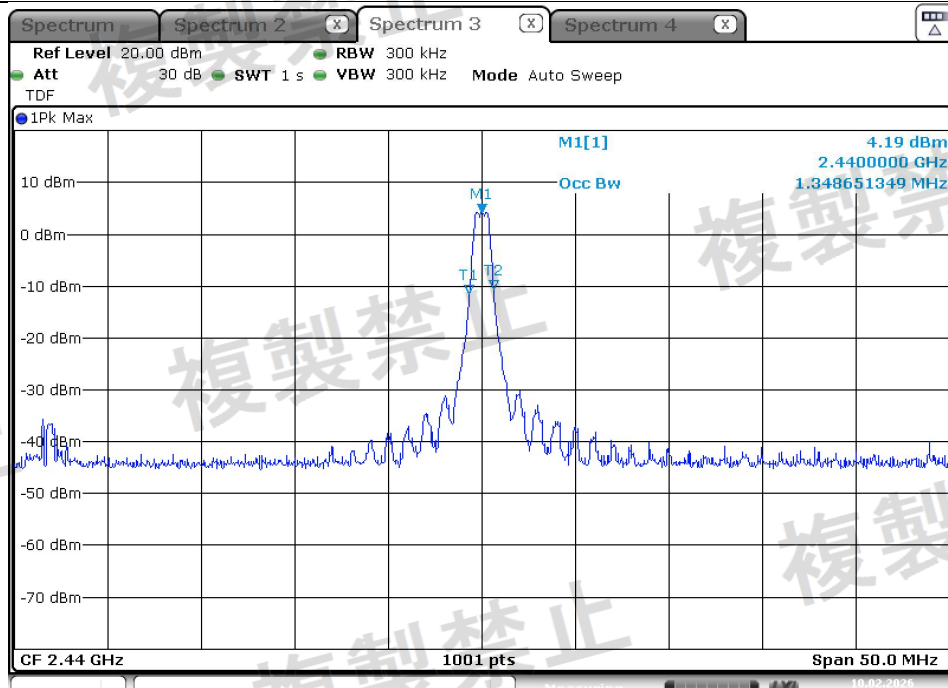
| Operating Mode         | Frequency | Test condition                | Occupied bandwidth | Spreading bandwidth |
|------------------------|-----------|-------------------------------|--------------------|---------------------|
| Bluetooth LE<br>2M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 2.25               | 1.4                 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2.25               | 1.4                 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2.25               | 1.4                 |
|                        | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 2.25               | 1.4                 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2.25               | 1.4                 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2.25               | 1.4                 |
|                        | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 2.25               | 1.4                 |
|                        |           | V <sub>nom</sub> : DC 7.40 V  | 2.25               | 1.4                 |
|                        |           | V <sub>low</sub> : DC 8.14 V  | 2.25               | 1.4                 |

### 5.2.3.2 Graphical Test Data – Occupied bandwidth

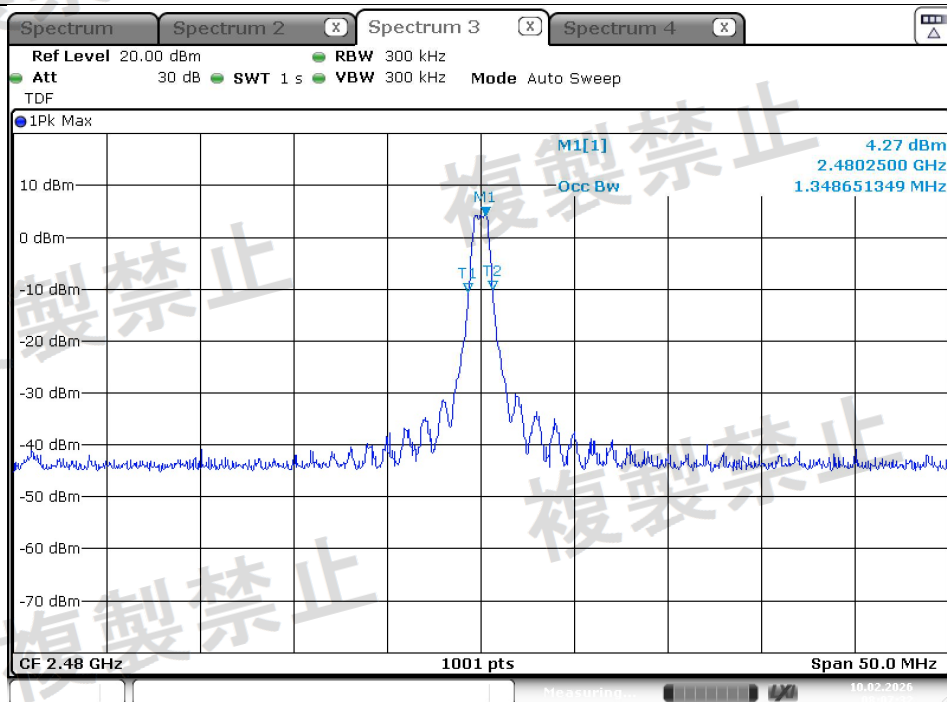
#### Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



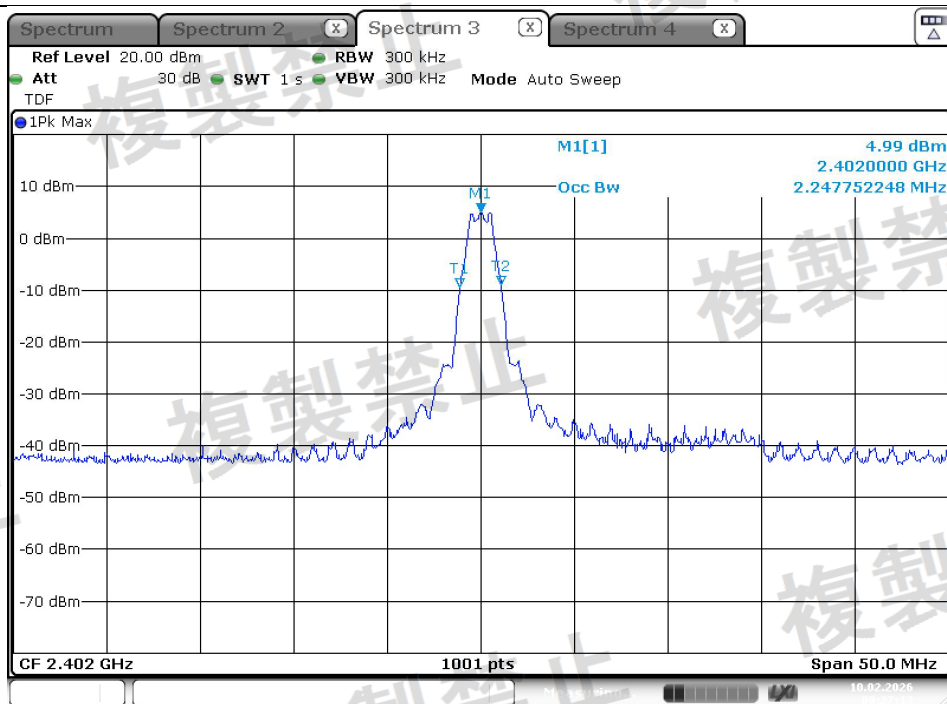
#### Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)



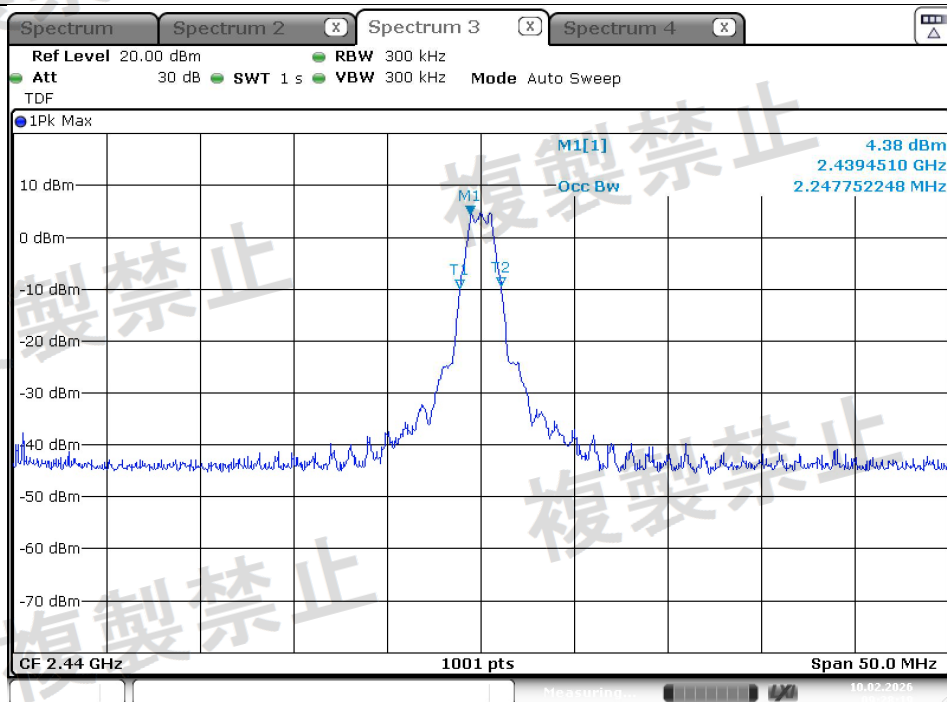
### Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



### Bluetooth LE 2M PHY - 2 402 MHz (Normal Voltage)

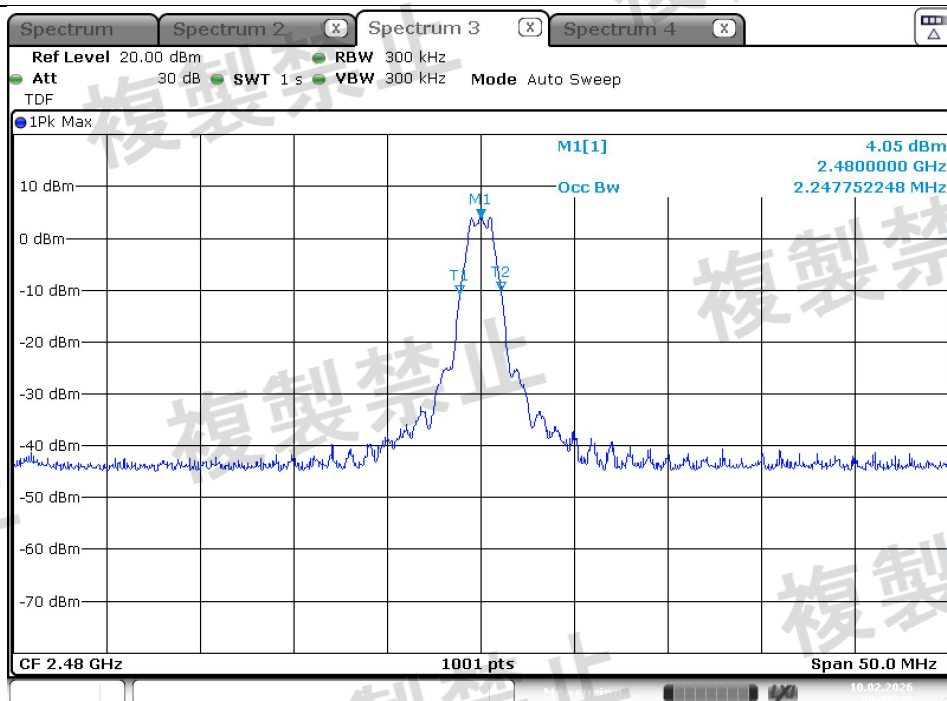


# Bluetooth LE 2M PHY - 2 440 MHz (Normal Voltage)



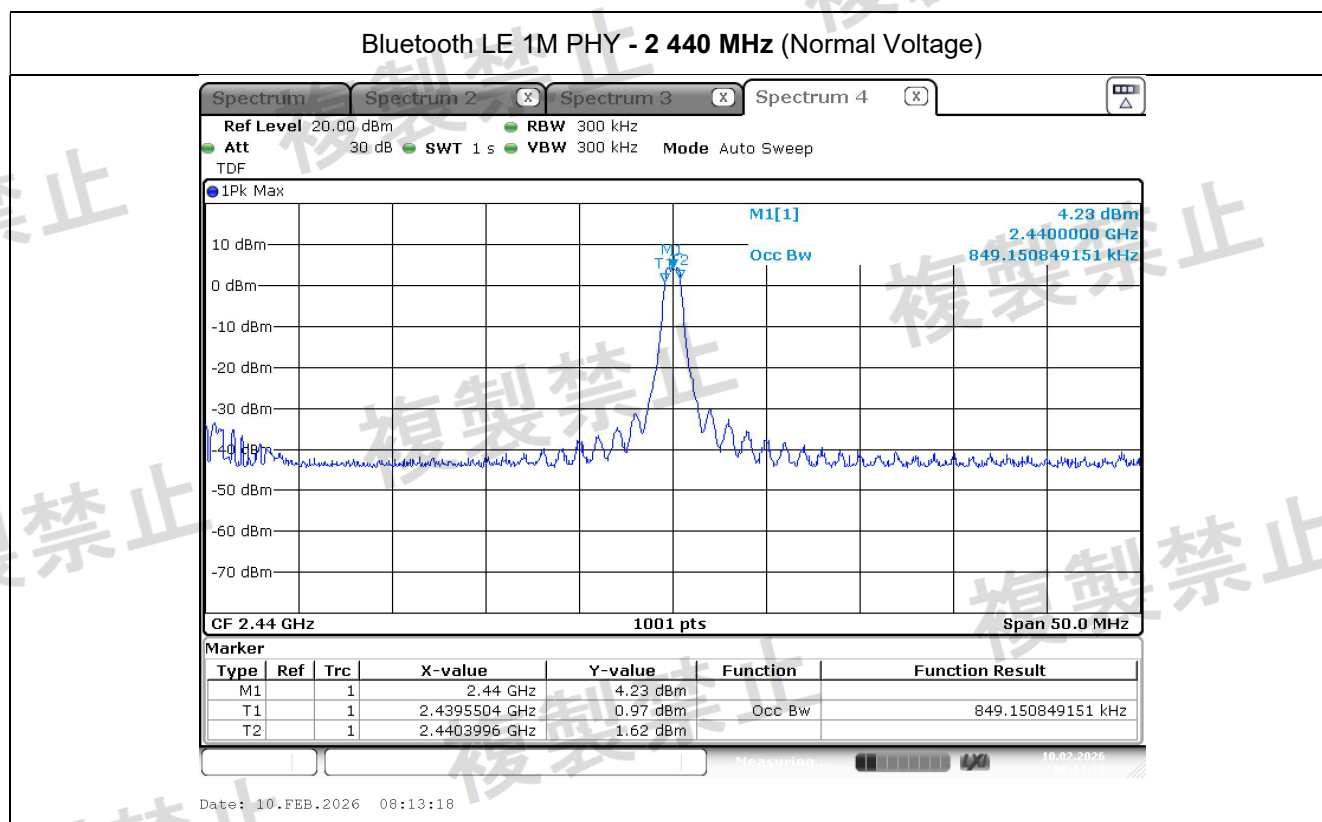
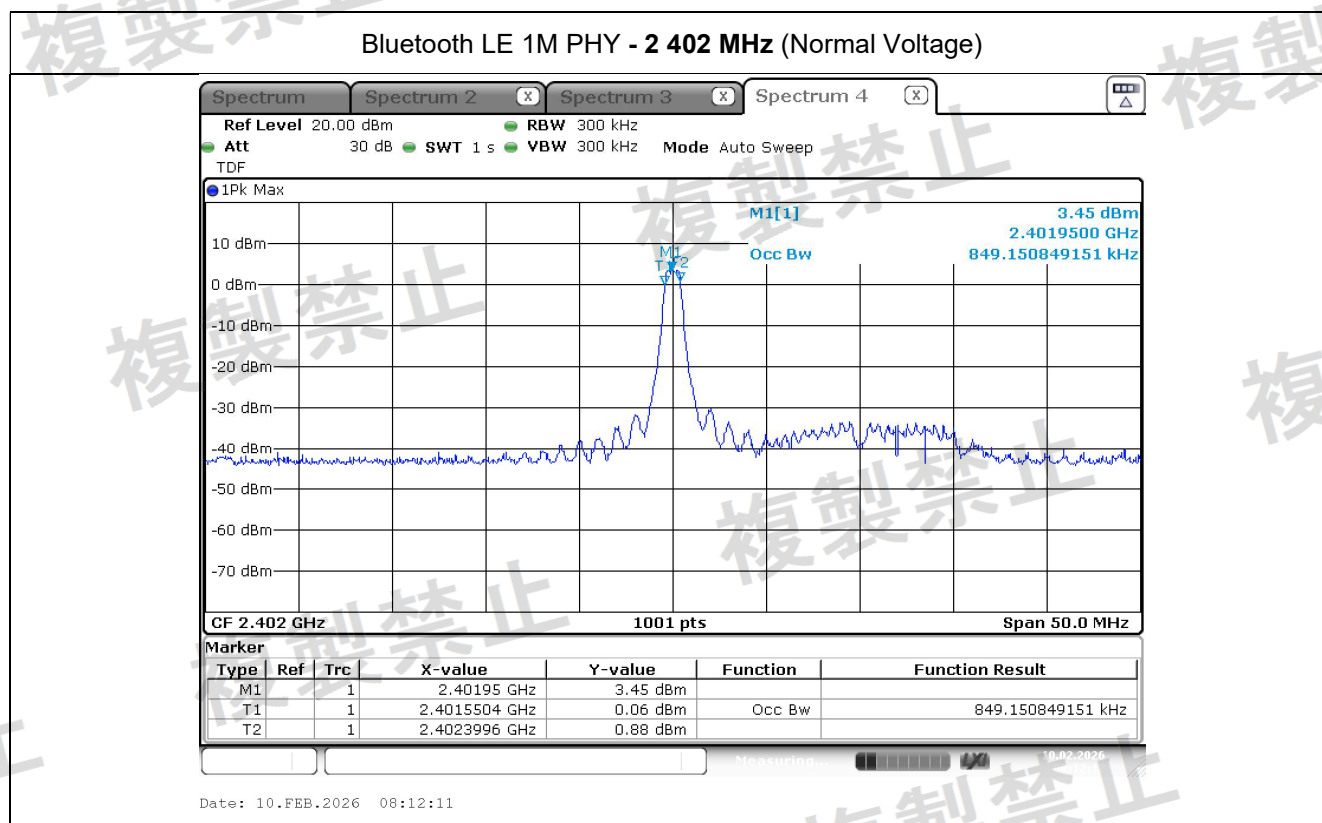
Date: 10.FEB.2026 09:28:20

# Bluetooth LE 2M PHY - 2 480 MHz (Normal Voltage)

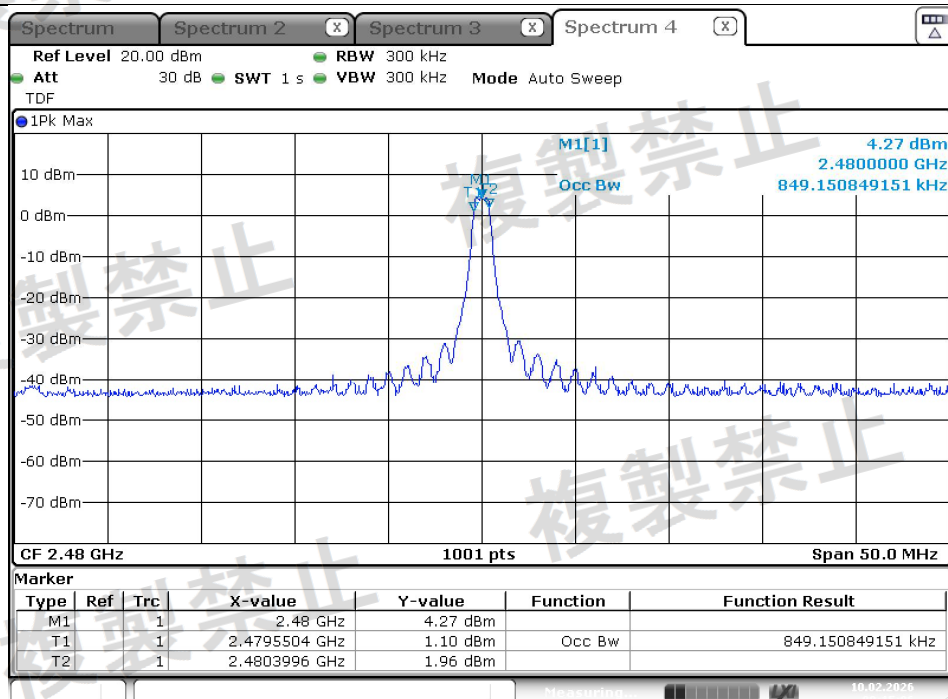


Date: 10.FEB.2026 09:30:26

### 5.2.3.3 Graphical Test Data – Spreading bandwidth

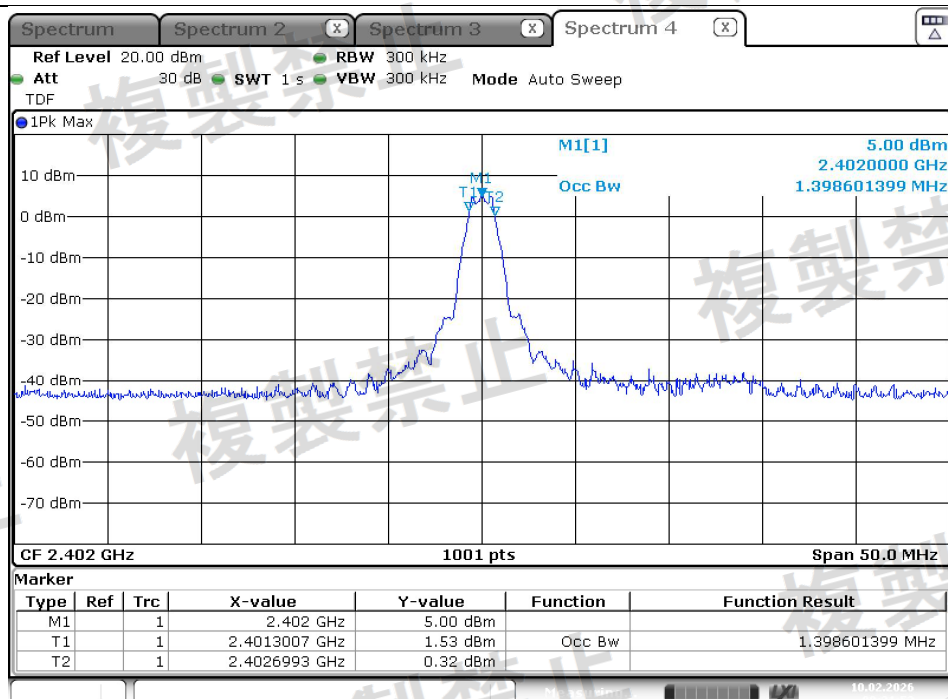


# Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



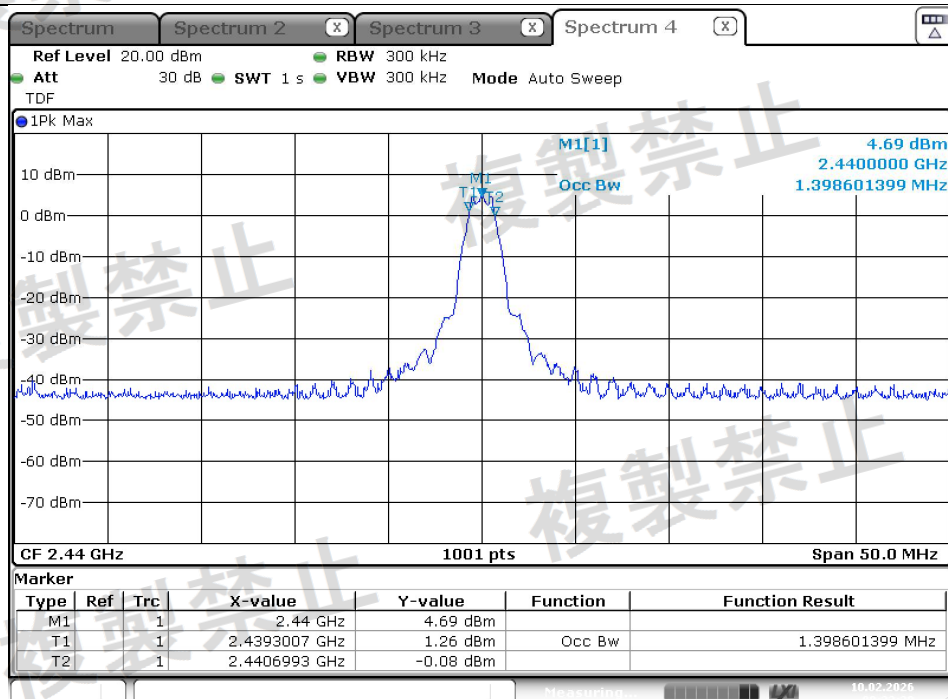
Date: 10.FEB.2026 08:15:06

# Bluetooth LE 2M PHY - 2 402 MHz (Normal Voltage)



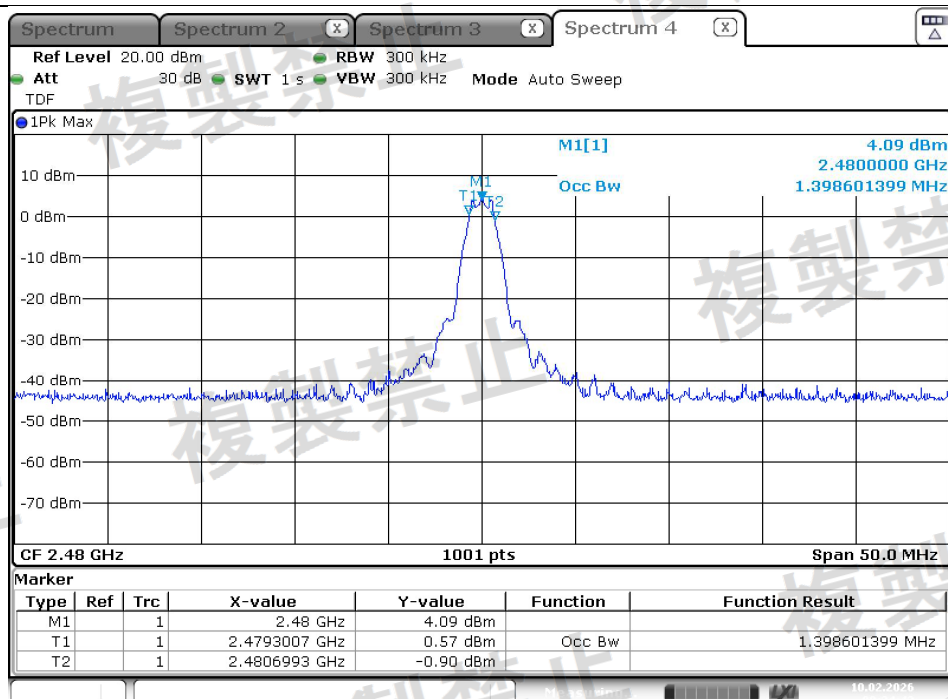
Date: 10.FEB.2026 09:31:52

# Bluetooth LE 2M PHY - 2 440 MHz (Normal Voltage)



Date: 10.FEB.2026 09:33:39

# Bluetooth LE 2M PHY - 2 480 MHz (Normal Voltage)



Date: 10.FEB.2026 09:34:43

### 5.3 Antenna Power

#### 5.3.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

#### 5.3.2 Limits

| Test Item     | Limits                                                                                                                                                     |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Power | (1) FH, FH+DS, FH+OFDM (and which uses 2,427 MHz ~ 2,470.75 MHz) : 3 MHz/MHz                                                                               |
|               | (2) The transmitter using spectrum spread type and which is not applicable to 7.1. : 10 mW/MHz                                                             |
|               | (3) The transmitter using OFDM and which is not applicable to 7.1.<br>OBW is less than 26 MHz : 10 mW/MHz<br>OBW is over 26 MHz, 38 MHz or less : 5 mW/MHz |
|               | <b>(4) Transmitter which is except (1), (2), (3) : 10 mW</b>                                                                                               |
|               | Deviation: +20 %, -80 %                                                                                                                                    |

#### 5.3.3 Test Result

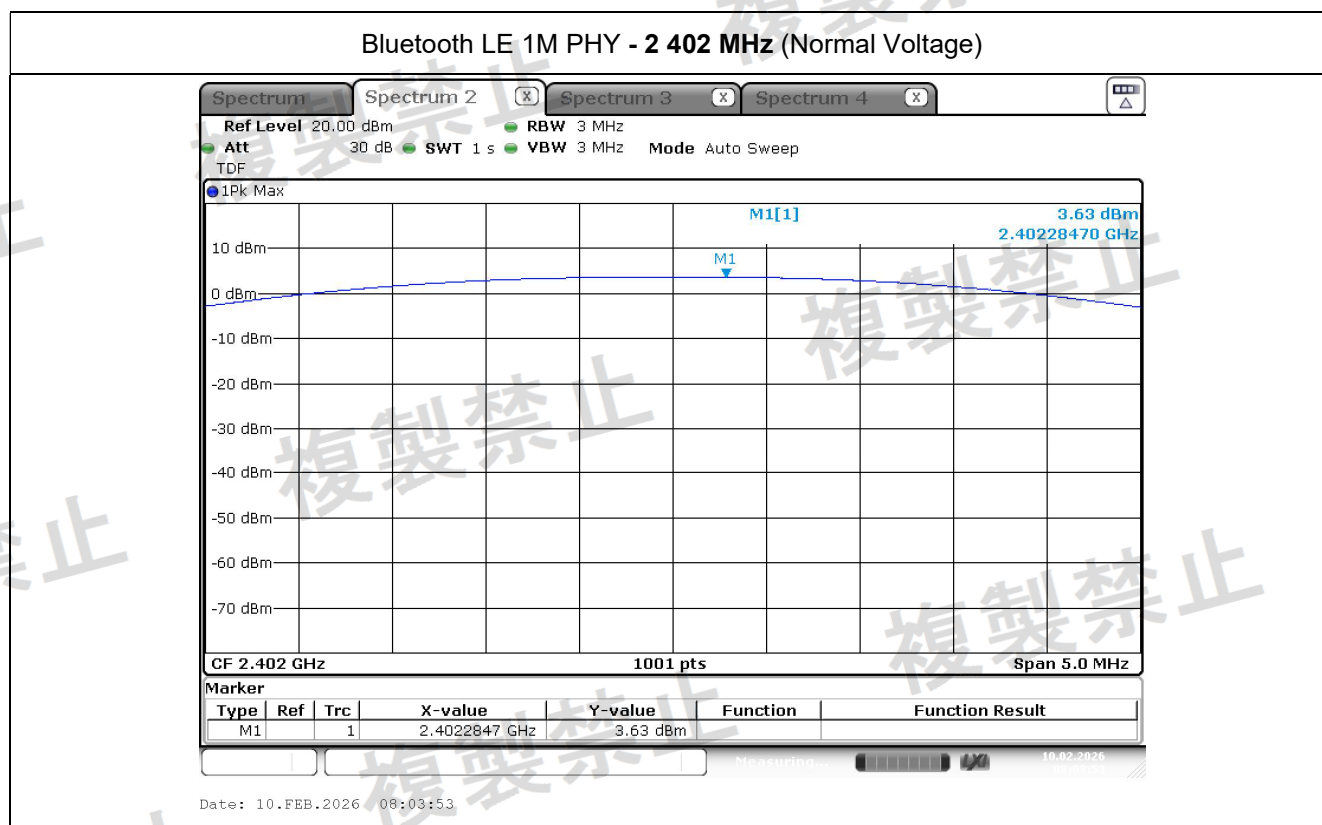
|                       |                                                                                 |                                                                                                               |                     |
|-----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------|
| Test Date: 2026.02.10 |                                                                                 | Tested By: Yoonseok, Choi  |                     |
| Temperature           | (24 ± 1) °C                                                                     | Relative humidity                                                                                             | (45 ± 3) % R.H.     |
| Operating Mode        | # 2                                                                             | Duty cycle                                                                                                    | 85.6 % (BLE 1M PHY) |
|                       |                                                                                 |                                                                                                               | 43.6 % (BLE 2M PHY) |
| Measurement Method    | <input type="checkbox"/> Radiated <input checked="" type="checkbox"/> Conducted |                                                                                                               |                     |
| Antenna Gain          | 1.47 dBi                                                                        | Test Result                                                                                                   | Pass                |

##### 5.3.3.1 Tabulated Test Data

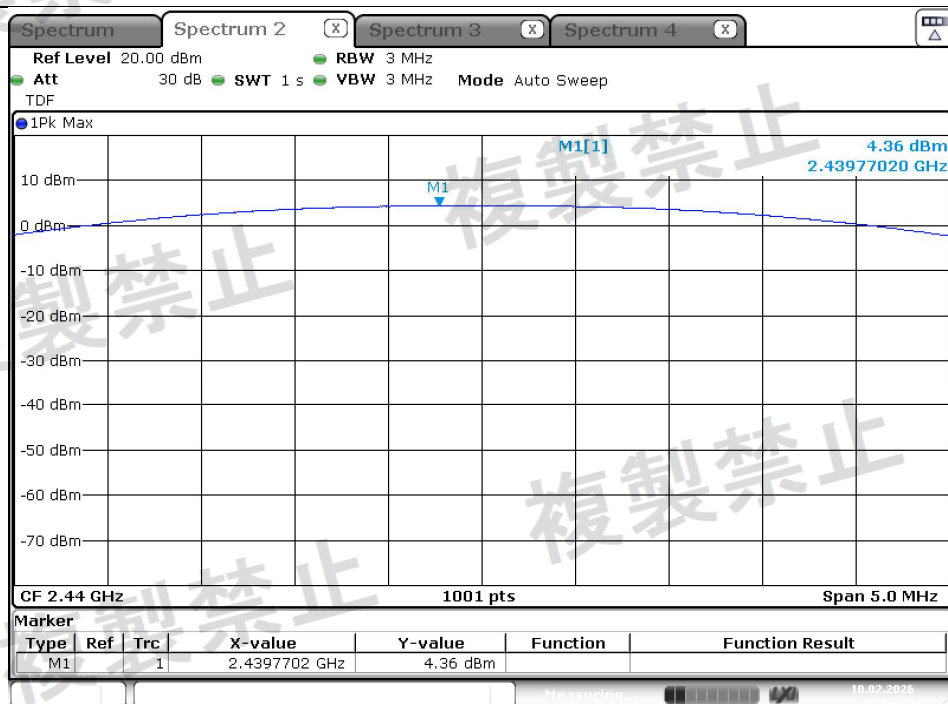
| Operating Mode      | Frequency | Test condition                | Measurement power |      | Rated power (mW) | Deviation (%) |
|---------------------|-----------|-------------------------------|-------------------|------|------------------|---------------|
|                     |           |                               | (dBm)             | (mW) |                  |               |
| Bluetooth LE 1M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 4.36              | 2.73 | 3.0              | -9.03         |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 3.63              | 2.31 |                  | -23.11        |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 4.21              | 2.64 |                  | -12.12        |
|                     | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 4.40              | 2.75 |                  | -8.19         |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 4.36              | 2.73 |                  | -9.03         |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 4.18              | 2.62 |                  | -12.73        |
|                     | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 3.91              | 2.46 |                  | -17.99        |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 4.38              | 2.74 |                  | -8.61         |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 3.71              | 2.35 |                  | -21.68        |

| Operating Mode      | Frequency | Test condition                | Measurement power |      | Rated power (mW) | Deviation (%) |
|---------------------|-----------|-------------------------------|-------------------|------|------------------|---------------|
|                     |           |                               | (dBm)             | (mW) |                  |               |
| Bluetooth LE 2M PHY | 2 402 MHz | V <sub>high</sub> : DC 6.66 V | 5.49              | 3.54 | 3.0              | 18.00         |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 5.19              | 3.30 |                  | 10.12         |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 5.52              | 3.56 |                  | 18.82         |
|                     | 2 440 MHz | V <sub>high</sub> : DC 6.66 V | 5.22              | 3.33 |                  | 10.89         |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 4.98              | 3.15 |                  | 4.92          |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 5.24              | 3.34 |                  | 11.40         |
|                     | 2 480 MHz | V <sub>high</sub> : DC 6.66 V | 4.63              | 2.90 |                  | -3.20         |
|                     |           | V <sub>nom</sub> : DC 7.40 V  | 4.34              | 2.72 |                  | -9.45         |
|                     |           | V <sub>low</sub> : DC 8.14 V  | 4.61              | 2.89 |                  | -3.64         |

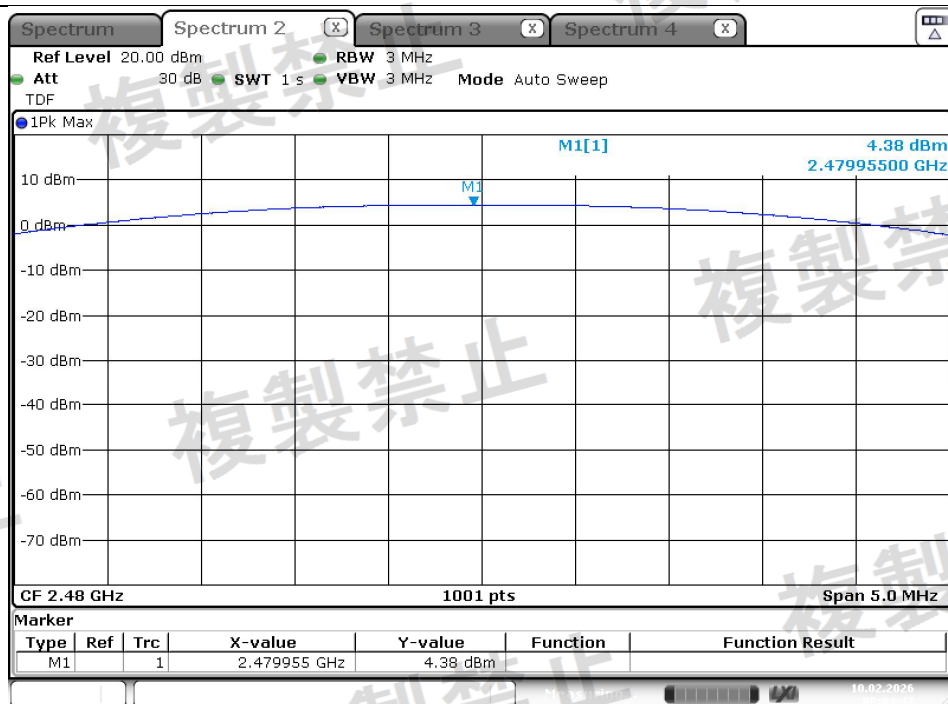
### 5.3.3.2 Graphical Test Data – Antenna Power



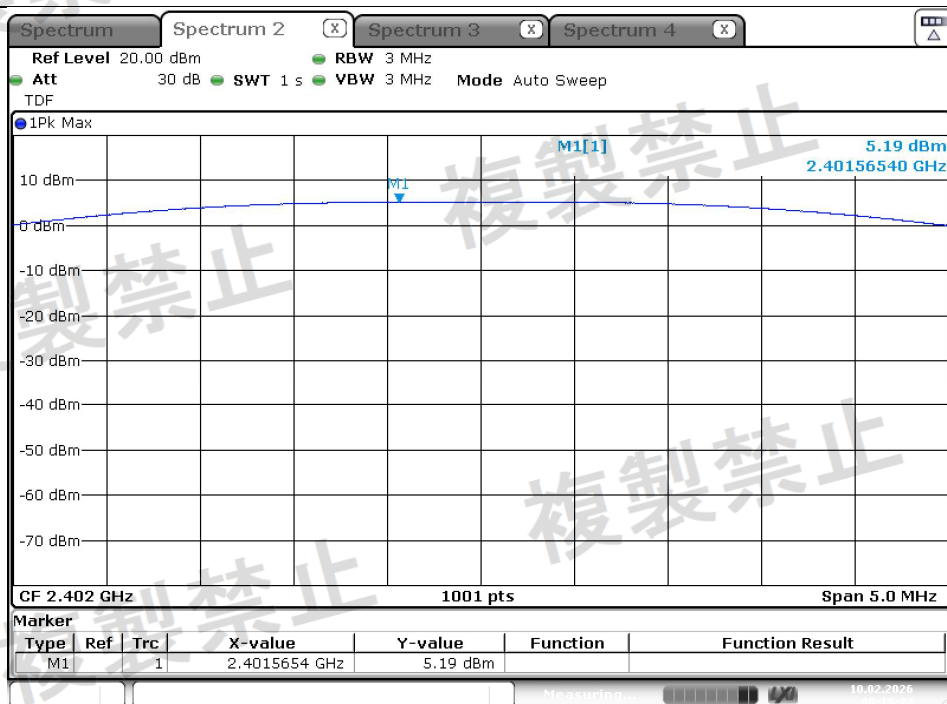
# Bluetooth LE 1M PHY - 2 440 (Normal Voltage)



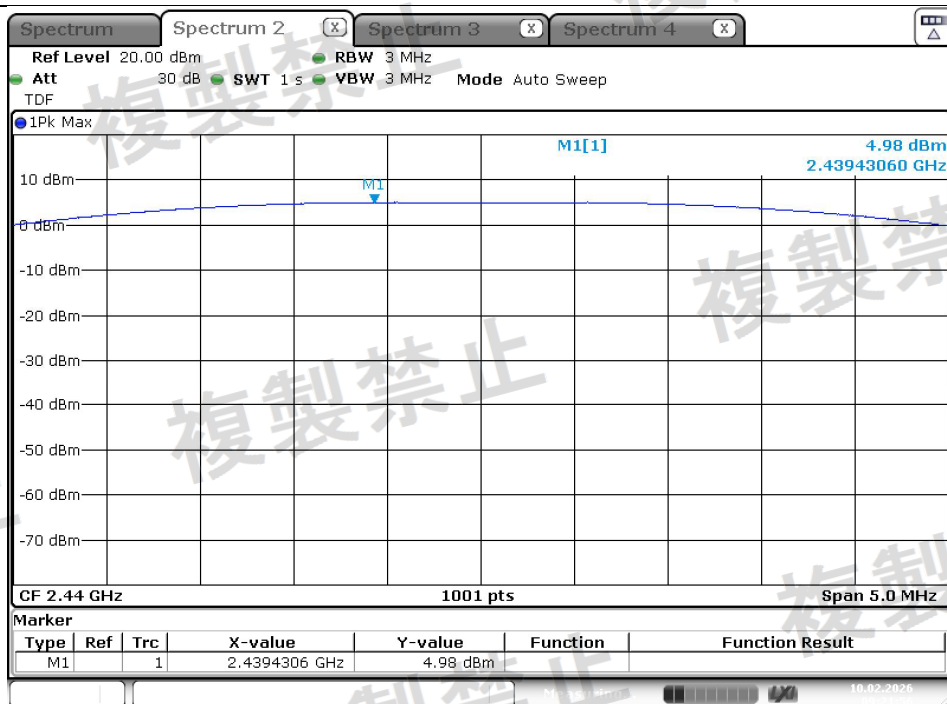
# Bluetooth LE 1M PHY - 2 480 (Normal Voltage)



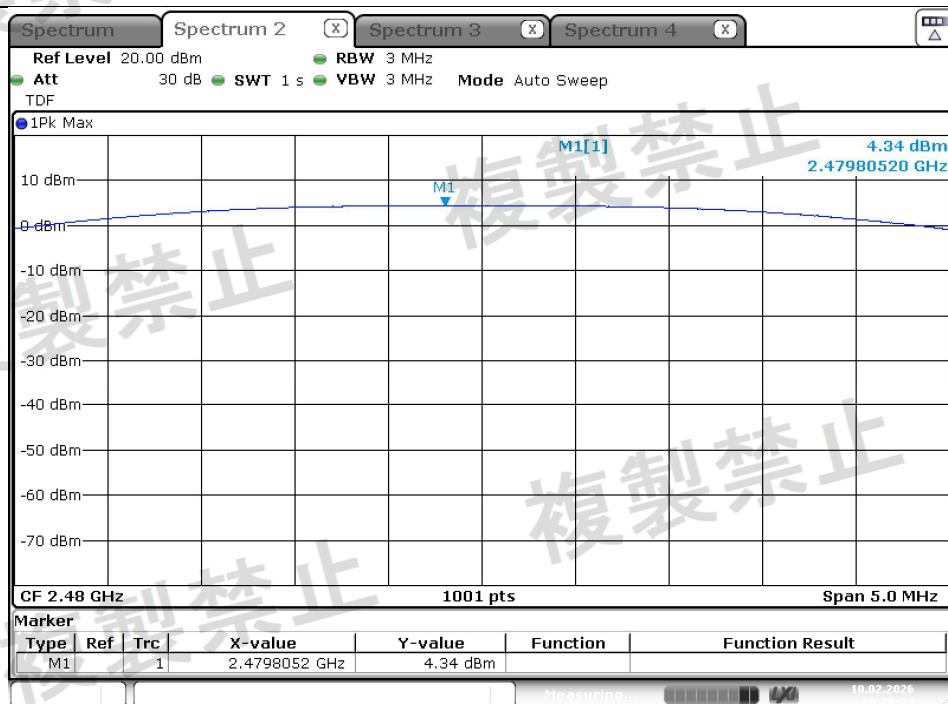
# Bluetooth LE 2M PHY - 2 480 (Normal Voltage)



# Bluetooth LE 2M PHY - 2 480 (Normal Voltage)



# Bluetooth LE 2M PHY - 2 480 (Normal Voltage)



Date: 10.FEB.2026 09:26:34

## 5.3.3.3 Limitation of EIRP

The EIRP is defined as the output power added by antenna gain of 1.47 dBi.

With a declared rated power is 3.0 mW and deviation of +20 %, the allowed maximum output power is 3.5 mW, which equates to 5.56 dBm.

Thus, the worst case of EIRP is 7.03 dBm which is lower than 12.14 dBm as EIRP limit.

$$5.56 \text{ dBm} + 1.47 \text{ dBi} = 7.03 \text{ dBm}$$

## 5.4 Tolerance of Spurious and unwanted emission intensity

### 5.4.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

### 5.4.2 Limits

| Test Item                                | Limits                                            |
|------------------------------------------|---------------------------------------------------|
| Spurious and unwanted emission intensity | Under 2 387 MHz : below 2.5 $\mu$ W/MHz           |
|                                          | 2 387 MHz to 2 400 MHz : below 25 $\mu$ W/MHz     |
|                                          | 2 483.5 MHz to 2 496.5 MHz : below 25 $\mu$ W/MHz |
|                                          | Above 2 496.5 MHz : below 2.5 $\mu$ W/MHz         |

### 5.4.3 Test Result

|                       |                                                                                 |                           |                     |
|-----------------------|---------------------------------------------------------------------------------|---------------------------|---------------------|
| Test Date: 2026.02.10 |                                                                                 | Tested By: Yoonseok, Choi |                     |
| Temperature           | (24 ± 1) °C                                                                     | Relative humidity         | (45 ± 3) % R.H.     |
| Operating Mode        | # 2                                                                             | Duty cycle                | 85.6 % (BLE 1M PHY) |
|                       |                                                                                 |                           | 43.6 % (BLE 2M PHY) |
| Measurement Method    | <input type="checkbox"/> Radiated <input checked="" type="checkbox"/> Conducted |                           |                     |
| Antenna Gain          | 1.47 dBi                                                                        | Test Result               | Pass                |

### 5.4.3.1 Tabulated Test Data

#### Operating Mode: Bluetooth LE 1M PHY

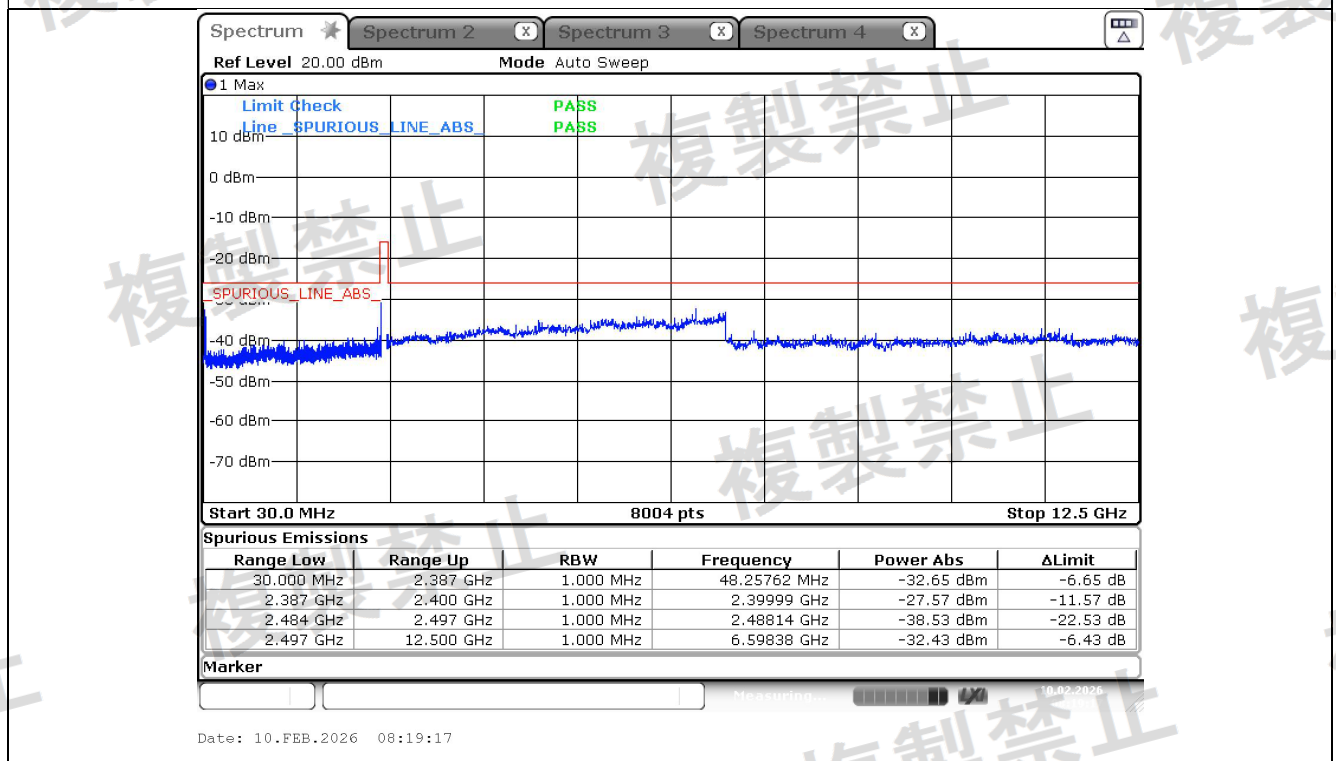
| Frequency | Frequency range           | Test condition                | Measured Worst Frequency | Maximum emission |       | Limit (μW) |
|-----------|---------------------------|-------------------------------|--------------------------|------------------|-------|------------|
|           |                           |                               |                          | (dBm)            | (μW)  |            |
| 2 402 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -30.07           | 0.984 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 48.26 MHz                | -32.65           | 0.543 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -30.81           | 0.830 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 399.78 MHz             | -26.81           | 2.084 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 399.99 MHz             | -27.57           | 1.750 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 399.92 MHz             | -25.70           | 2.692 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 496.13 MHz             | -37.56           | 0.175 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 488.14 MHz             | -38.53           | 0.140 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 491.69 MHz             | -38.00           | 0.158 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 978.33 MHz             | -32.51           | 0.561 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 6 598.38 MHz             | -32.43           | 0.571 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 713.37 MHz             | -33.55           | 0.442 | 2.50       |
| 2 440 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -47.48           | 0.018 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 48.26 MHz                | -30.86           | 0.820 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -31.66           | 0.682 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 391.77 MHz             | -47.97           | 0.016 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 392.04 MHz             | -33.90           | 0.407 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 392.27 MHz             | -33.90           | 0.407 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 487.65 MHz             | -46.82           | 0.021 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 487.93 MHz             | -34.20           | 0.380 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 488.10 MHz             | -34.67           | 0.341 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 928.34 MHz             | -41.07           | 0.078 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 6 768.36 MHz             | -33.84           | 0.413 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 923.34 MHz             | -32.38           | 0.578 | 2.50       |
| 2 480 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -30.11           | 0.975 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 48.26 MHz                | -30.34           | 0.925 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -31.10           | 0.776 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 396.54 MHz             | -37.99           | 0.159 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 394.82 MHz             | -38.66           | 0.136 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 397.36 MHz             | -38.79           | 0.132 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 483.51 MHz             | -30.51           | 0.889 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 483.52 MHz             | -31.03           | 0.789 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 483.53 MHz             | -31.58           | 0.695 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 918.34 MHz             | -32.52           | 0.560 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 6 583.39 MHz             | -33.12           | 0.488 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 958.33 MHz             | -33.27           | 0.471 | 2.50       |

# Operating Mode: Bluetooth LE 2M PHY

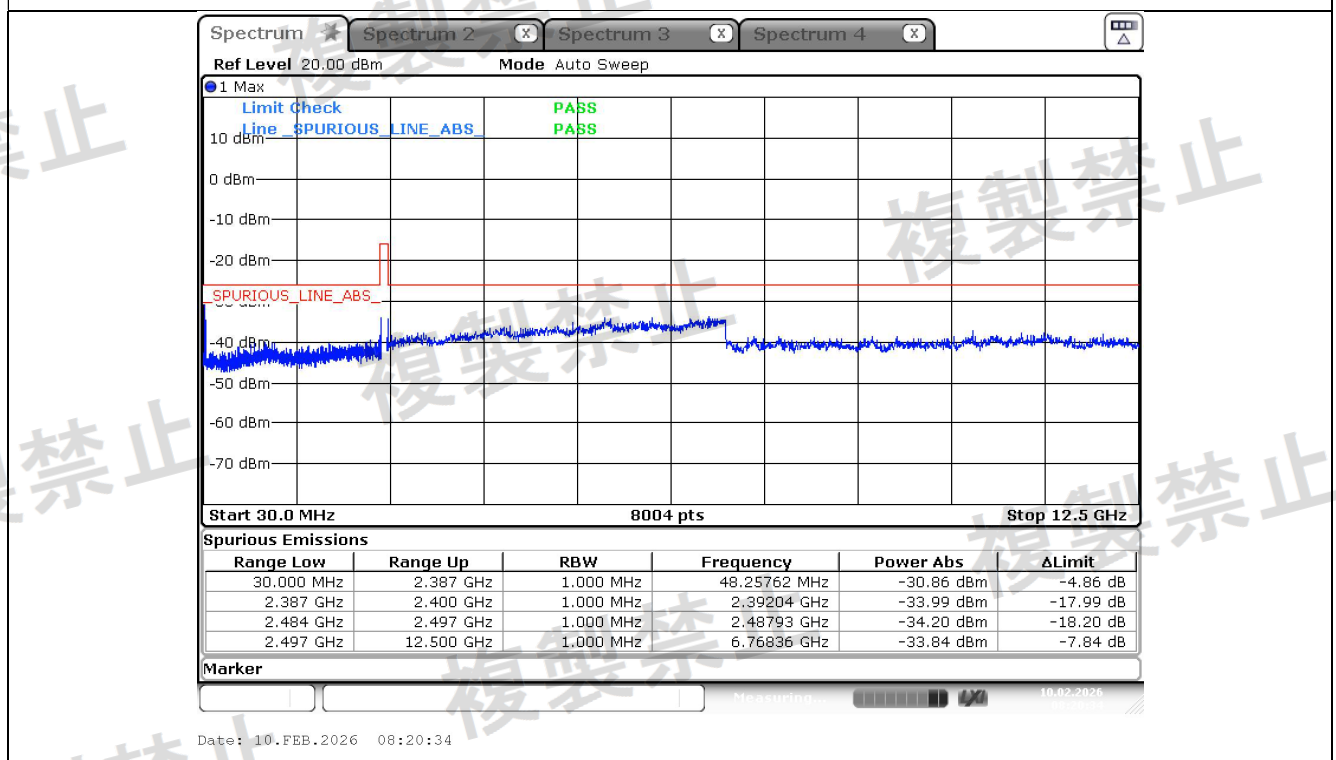
| Frequency | Frequency range           | Test condition                | Measured Worst Frequency | Maximum emission |       | Limit (μW) |
|-----------|---------------------------|-------------------------------|--------------------------|------------------|-------|------------|
|           |                           |                               |                          | (dBm)            | (μW)  |            |
| 2 402 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -30.65           | 0.861 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 48.26 MHz                | -30.76           | 0.839 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -31.72           | 0.673 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 400.00 MHz             | -35.28           | 0.296 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 400.00 MHz             | -34.75           | 0.335 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 399.98 MHz             | -34.45           | 0.359 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 495.09 MHz             | -38.01           | 0.158 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 489.40 MHz             | -37.78           | 0.167 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 489.42 MHz             | -37.02           | 0.199 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 938.33 MHz             | -33.17           | 0.482 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 5 348.57 MHz             | -33.19           | 0.480 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 998.32 MHz             | -32.96           | 0.506 | 2.50       |
| 2 440 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -31.28           | 0.745 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 47.08 MHz                | -33.67           | 0.430 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -31.08           | 0.780 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 392.08 MHz             | -33.61           | 0.436 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 391.90 MHz             | -33.81           | 0.416 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 392.05 MHz             | -33.49           | 0.448 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 488.06 MHz             | -34.17           | 0.383 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 488.17 MHz             | -34.03           | 0.395 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 488.06 MHz             | -33.43           | 0.454 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 988.33 MHz             | -33.29           | 0.469 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 6 598.38 MHz             | -33.59           | 0.438 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 868.34 MHz             | -33.28           | 0.470 | 2.50       |
| 2 480 MHz | 30 MHz ~ 2 387 MHz        | V <sub>high</sub> : DC 6.66 V | 48.26 MHz                | -31.18           | 0.762 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 48.26 MHz                | -30.67           | 0.857 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 48.26 MHz                | -32.03           | 0.627 | 2.50       |
|           | 2 387 MHz ~ 2 400 MHz     | V <sub>high</sub> : DC 6.66 V | 2 391.28 MHz             | -38.29           | 0.148 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 393.88 MHz             | -38.12           | 0.154 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 399.09 MHz             | -38.33           | 0.147 | 25.0       |
|           | 2 483.5 MHz ~ 2 496.5 MHz | V <sub>high</sub> : DC 6.66 V | 2 488.66 MHz             | -37.29           | 0.187 | 25.0       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 2 488.42 MHz             | -37.76           | 0.167 | 25.0       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 2 496.45 MHz             | -37.99           | 0.159 | 25.0       |
|           | 2 496.5 MHz ~ 12 500 MHz  | V <sub>high</sub> : DC 6.66 V | 6 878.34 MHz             | -33.30           | 0.468 | 2.50       |
|           |                           | V <sub>nom</sub> : DC 7.40 V  | 6 953.33 MHz             | -32.17           | 0.607 | 2.50       |
|           |                           | V <sub>low</sub> : DC 8.14 V  | 6 978.33 MHz             | -33.44           | 0.453 | 2.50       |

### 5.4.3.2 Graphical Test Data – Spurious and unwanted emission intensity

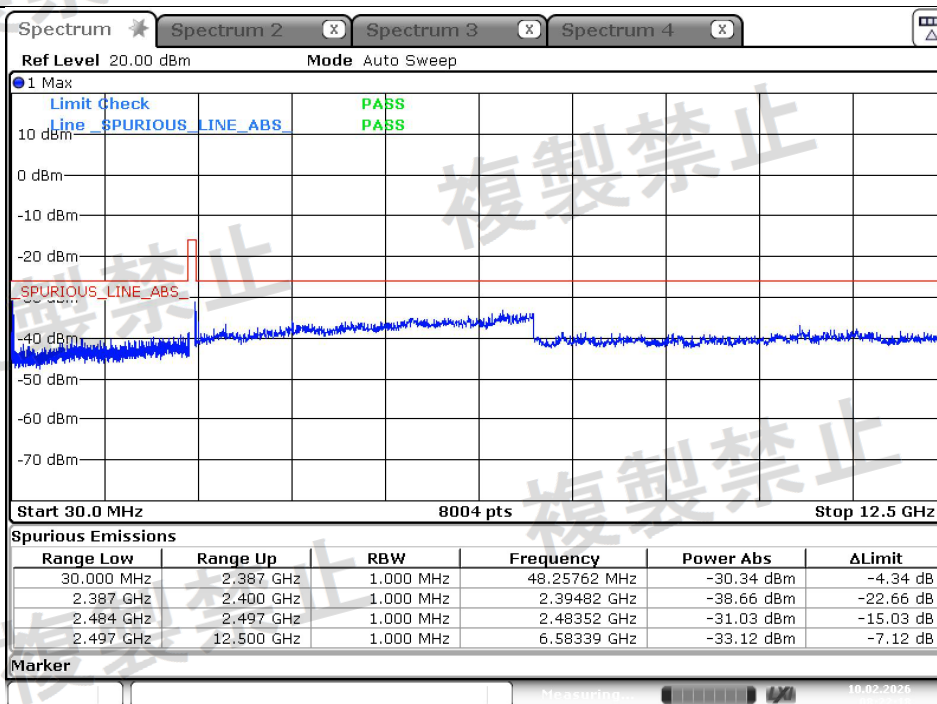
Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)

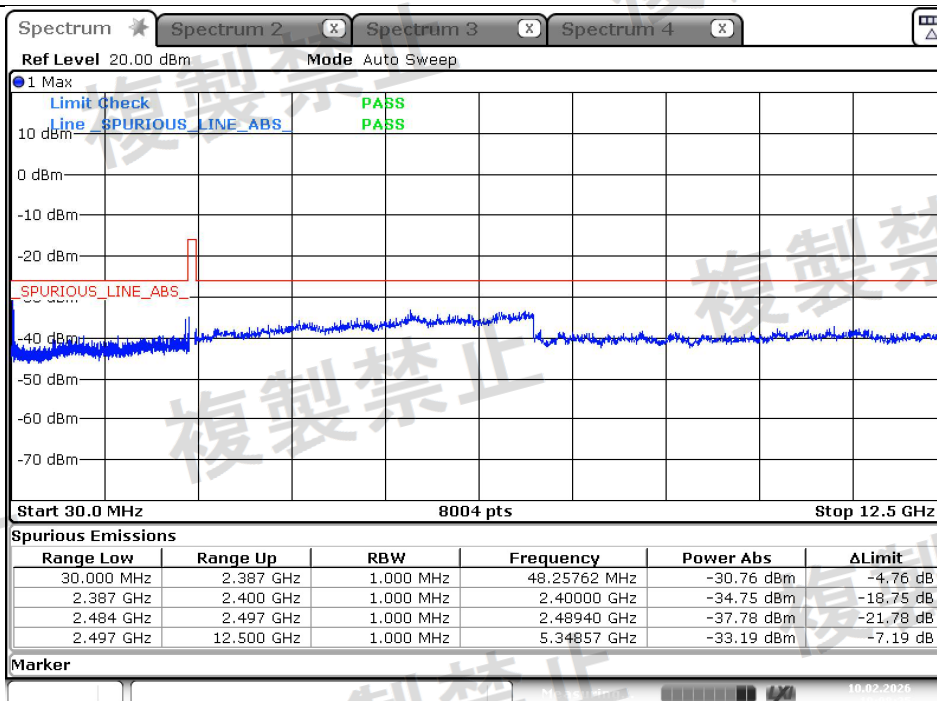


# Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



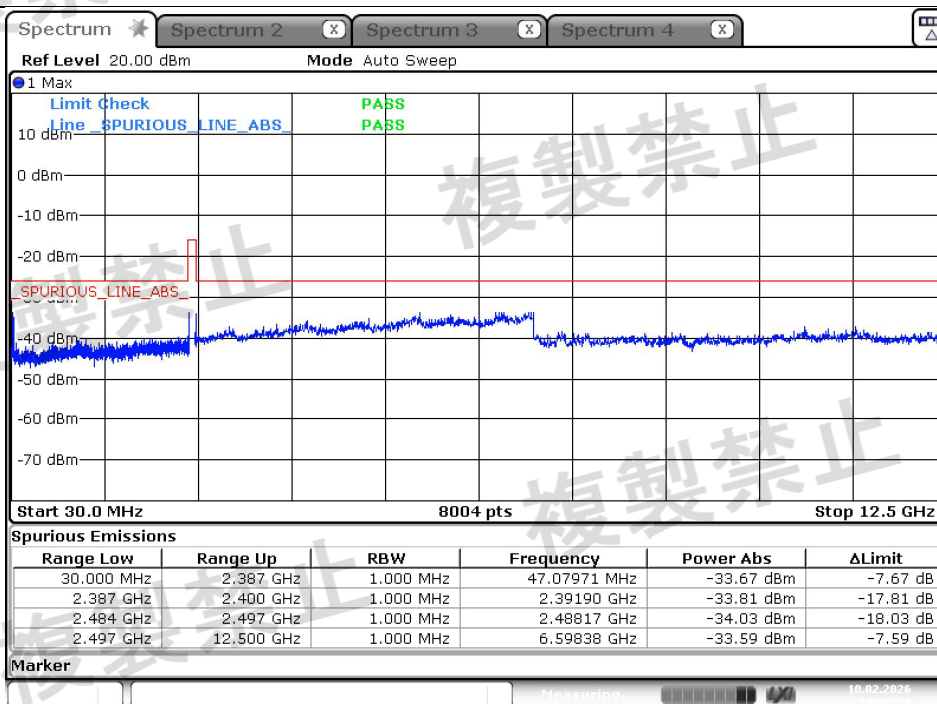
Date: 10.FEB.2026 08:22:18

# Bluetooth LE 2M PHY - 2 402 MHz (Normal Voltage)

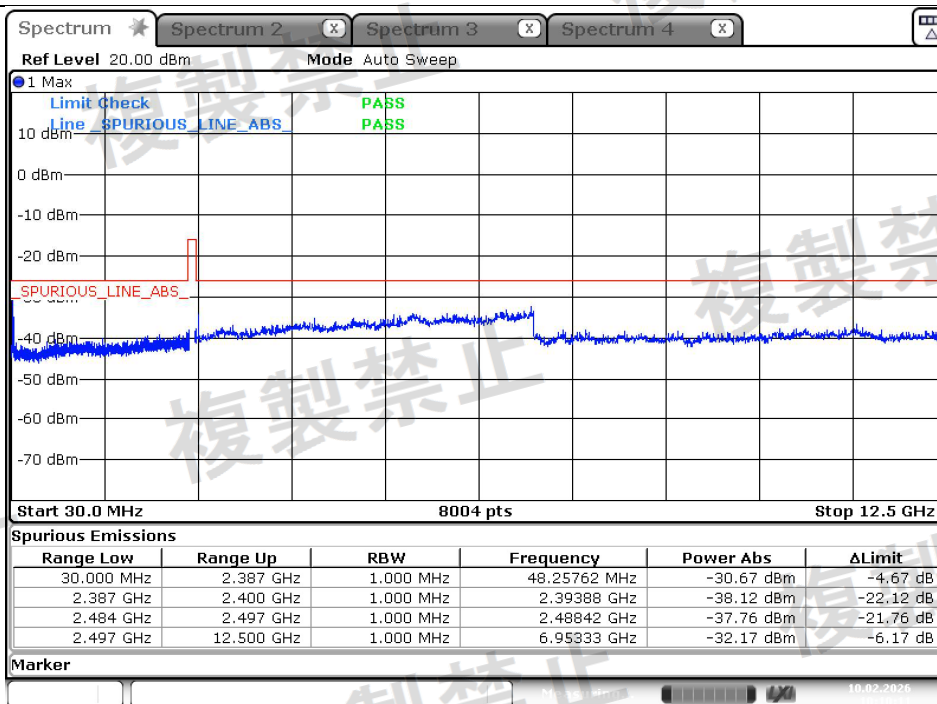


Date: 10.FEB.2026 10:08:25

# Bluetooth LE 2M PHY - 2 440 MHz (Normal Voltage)



# Bluetooth LE 2M PHY - 2 480 MHz (Normal Voltage)



## 5.5 Limit of secondary radiated emissions

### 5.5.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

### 5.5.2 Limits

| Test Item                             | Limits                        |
|---------------------------------------|-------------------------------|
| Limit of secondary radiated emissions | Under 1 GHz : below 4 nW      |
|                                       | 1 GHz to 10 GHz : below 20 nW |
|                                       | Above 10 GHz : below 20 nW    |

### 5.5.3 Test Result

|                       |                                                                                 |                           |                 |
|-----------------------|---------------------------------------------------------------------------------|---------------------------|-----------------|
| Test Date: 2026.02.10 |                                                                                 | Tested By: Yoonseok, Choi |                 |
| Temperature           | (24 ± 1) °C                                                                     | Relative humidity         | (46 ± 3) % R.H. |
| Operating Mode        | # 3                                                                             | Duty cycle                | -               |
| Measurement Method    | <input type="checkbox"/> Radiated <input checked="" type="checkbox"/> Conducted |                           |                 |
| Antenna Gain          | 1.47 dBi                                                                        | <b>Test Result</b>        | <b>Pass</b>     |

#### 5.5.3.1 Tabulated Test Data

##### Operating Mode: Bluetooth LE 1M PHY

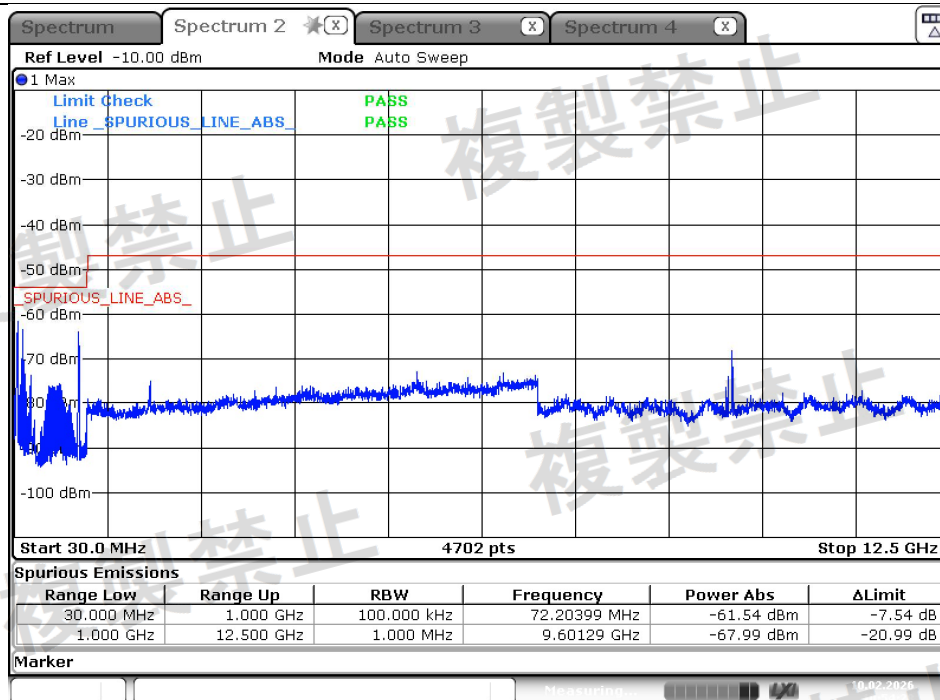
| Frequency | Frequency range    | Test condition                | Measured Worst Frequency | Maximum emission |       | Limit (nW) |
|-----------|--------------------|-------------------------------|--------------------------|------------------|-------|------------|
|           |                    |                               |                          | (dBm)            | (nW)  |            |
| 2 402 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -61.47           | 0.713 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -61.54           | 0.701 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -61.57           | 0.697 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 601.29 MHz             | -67.97           | 0.160 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 601.29 MHz             | -67.99           | 0.159 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 601.29 MHz             | -67.92           | 0.161 | 20.00      |
| 2 440 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -62.28           | 0.592 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -61.43           | 0.719 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -60.12           | 0.973 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 753.62 MHz             | -68.72           | 0.134 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 753.62 MHz             | -67.52           | 0.177 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 753.62 MHz             | -68.30           | 0.148 | 20.00      |
| 2 480 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -61.90           | 0.646 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -60.84           | 0.824 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -61.53           | 0.703 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 914.58 MHz             | -67.71           | 0.169 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 914.58 MHz             | -67.56           | 0.175 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 914.58 MHz             | -68.01           | 0.158 | 20.00      |

# Operating Mode: Bluetooth LE 2M PHY

| Frequency | Frequency range    | Test condition                | Measured Worst Frequency | Maximum emission |       | Limit (nW) |
|-----------|--------------------|-------------------------------|--------------------------|------------------|-------|------------|
|           |                    |                               |                          | (dBm)            | (nW)  |            |
| 2 402 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -61.26           | 0.748 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -61.66           | 0.682 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -60.95           | 0.804 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 601.29 MHz             | -68.07           | 0.156 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 601.29 MHz             | -68.27           | 0.149 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 601.29 MHz             | -67.78           | 0.167 | 20.00      |
| 2 440 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -60.98           | 0.798 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -61.79           | 0.662 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -62.44           | 0.570 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 753.62 MHz             | -67.48           | 0.179 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 753.62 MHz             | -67.30           | 0.186 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 753.62 MHz             | -67.31           | 0.186 | 20.00      |
| 2 480 MHz | 30 MHz ~ 1 000 MHz | V <sub>high</sub> : DC 6.66 V | 72.20 MHz                | -61.75           | 0.668 | 4.00       |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 72.20 MHz                | -62.35           | 0.582 | 4.00       |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 72.20 MHz                | -62.36           | 0.581 | 4.00       |
|           | 1 GHz ~ 12.5 GHz   | V <sub>high</sub> : DC 6.66 V | 9 914.58 MHz             | -67.64           | 0.172 | 20.00      |
|           |                    | V <sub>nom</sub> : DC 7.40 V  | 9 914.58 MHz             | -67.32           | 0.185 | 20.00      |
|           |                    | V <sub>low</sub> : DC 8.14 V  | 9 914.58 MHz             | -67.37           | 0.183 | 20.00      |

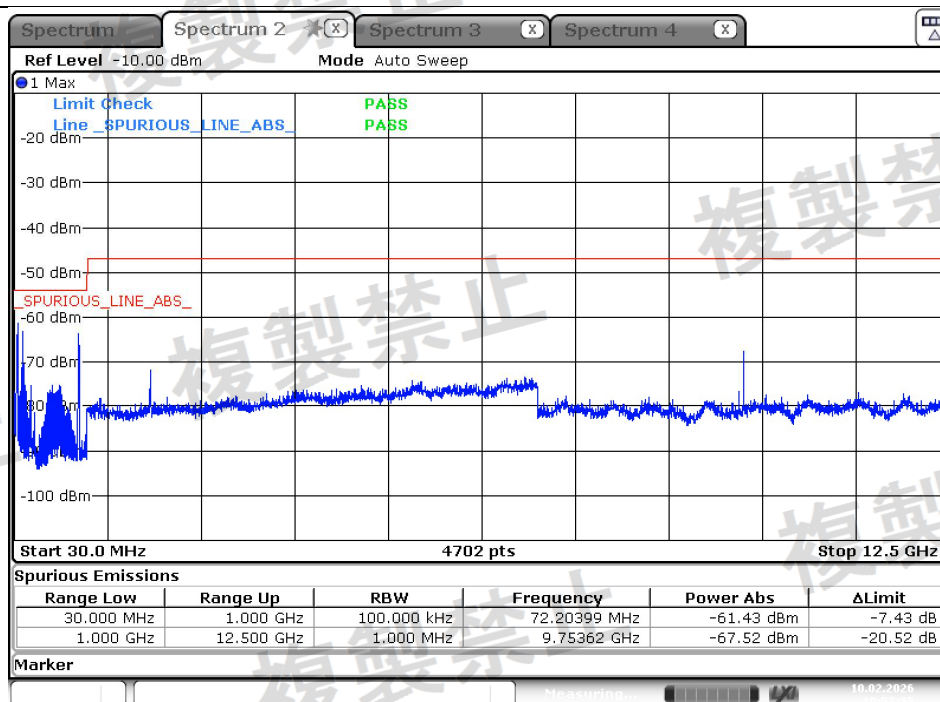
### 5.5.3.2 Graphical Test Data – Limit of secondary radiated emissions

#### Bluetooth LE 1M PHY - 2 402 MHz (Normal Voltage)



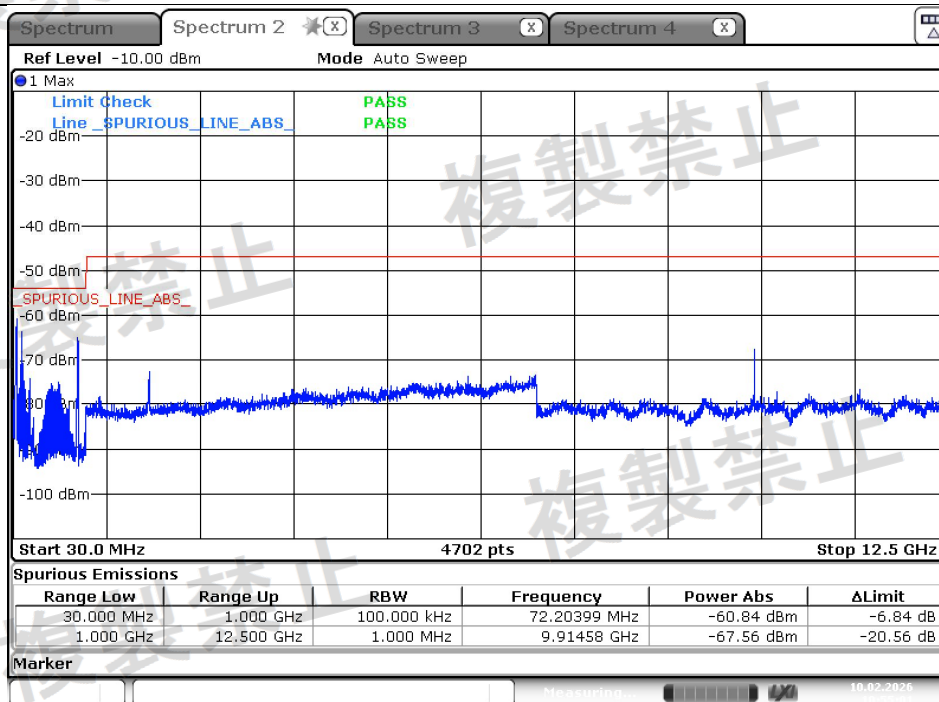
Date: 10.FEB.2026 10:54:27

#### Bluetooth LE 1M PHY - 2 440 MHz (Normal Voltage)



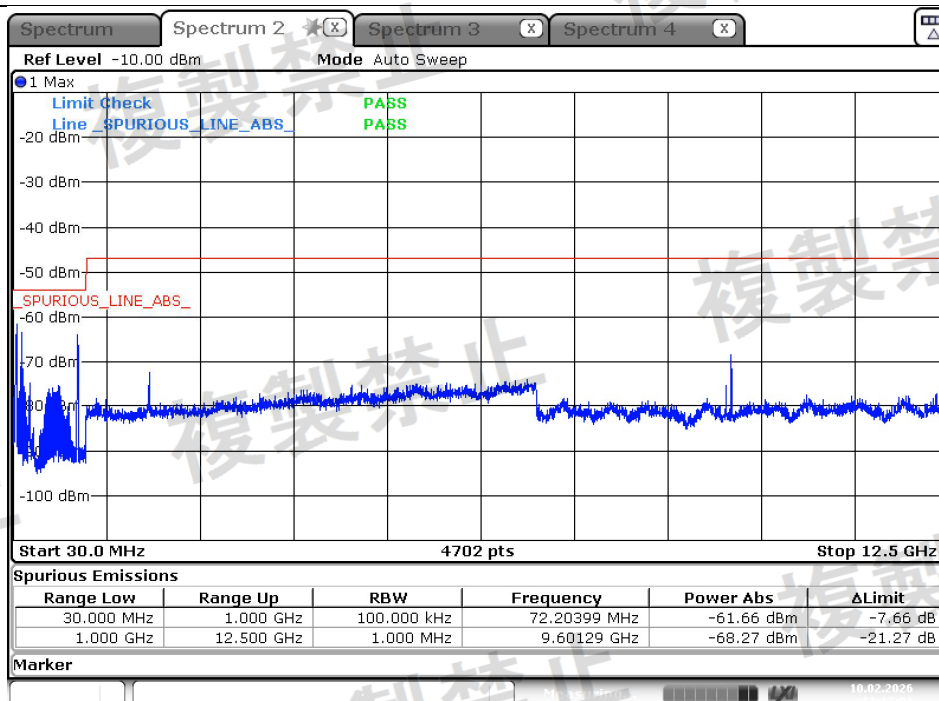
Date: 10.FEB.2026 10:53:15

### Bluetooth LE 1M PHY - 2 480 MHz (Normal Voltage)



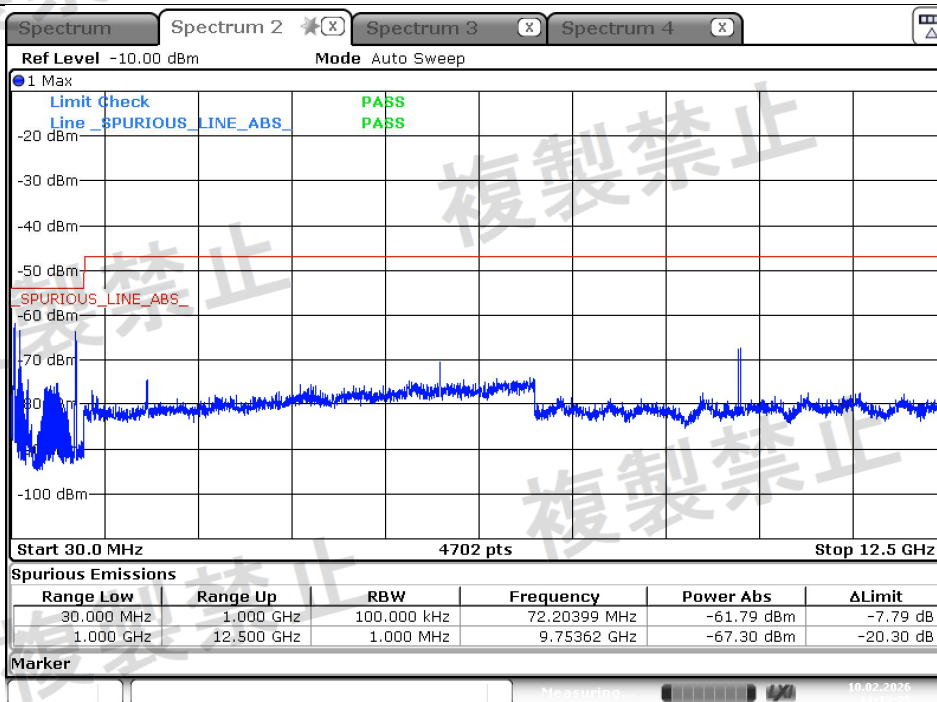
Date: 10.FEB.2026 10:55:01

### Bluetooth LE 2M PHY - 2 402 MHz (Normal Voltage)



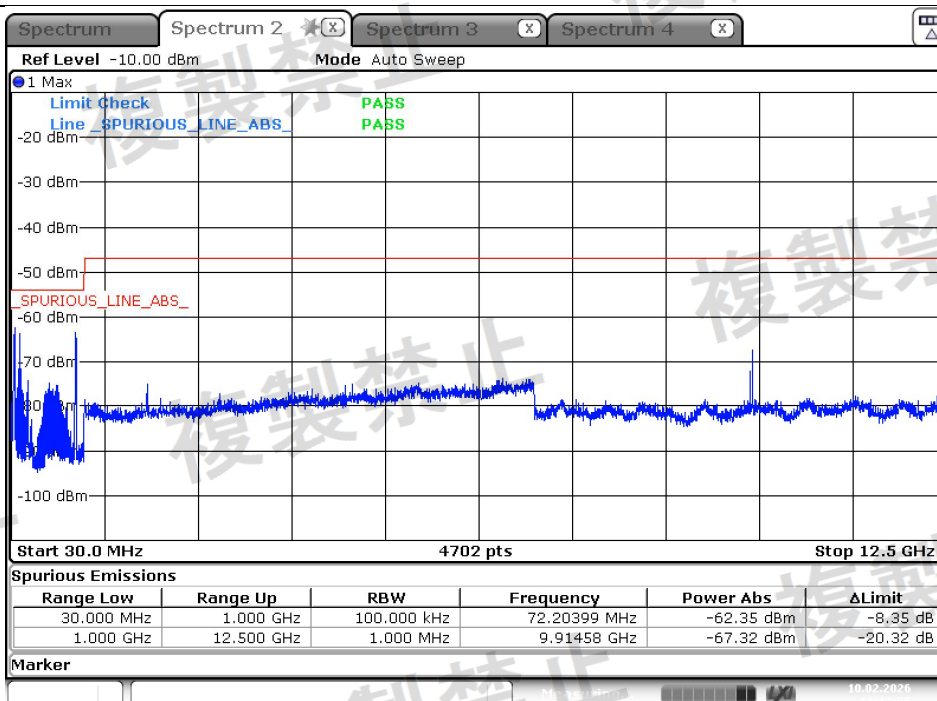
Date: 10.FEB.2026 11:13:01

# Bluetooth LE 2M PHY - 2 440 MHz (Normal Voltage)



Date: 10.FEB.2026 11:13:25

# Bluetooth LE 2M PHY - 2 480 MHz (Normal Voltage)



Date: 10.FEB.2026 11:13:54

## 5.6 Interference Prevention Function

### 5.6.1 Method of Measurement

According to Appendix-43 of Notification No.88 (No. 479 issued on 2015-08-10) of MIC.

### 5.6.2 Test Result

| Test Item                                    | Test Result |
|----------------------------------------------|-------------|
| Function of interference prevention function | Good        |

## Appendix I. Test Instrumentation

| Description / Manufacturer          | Model No. | Serial No. | Calibration Date | Calibration Due Date | Calibration Authority | Calibration Method |
|-------------------------------------|-----------|------------|------------------|----------------------|-----------------------|--------------------|
| Spectrum Analyzer / Rohde & Schwarz | FSVA40    | 101698     | 2026-01-08       | 2027-01-08           | HCT                   | (c)                |
| Signal Generator / Rohde & Schwarz  | SMF100A   | 101441     | 2025-12-17       | 2026-12-17           | KCLAB CO., Ltd.       | (c)                |
| Attenuator / WEINSCHL               | 10 dB     | ENG-3      | 2025-12-09       | 2026-12-09           | HCT                   | (c)                |
| DC Power Supply / AGILENT           | E3610A    | MY40005644 | 2025-12-08       | 2026-12-08           | HCT                   | (c)                |

#### 1. Calibration Method:

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

#### 2. The power supply was calibrated, which used the digital multimeter to verify before each testing.

#### 3. The test was performed in Shield room.

(End of Test report)