



LCIE

Bluetooth Low Energy Template : Release July 2nd, 2021

# TEST REPORT

N°: 31986263-823635-A (FILE#14592549)

Version: 01

## Subject

Radio spectrum Matters (ERM) tests according to:  
Japanese Radio Law for Article 2 paragraph 1 item (19)  
specified radio equipment categories equipment  
Article 49-20 and the relevant articles of the Ordinance Regulating  
Radio Equipment and MIC Notice No.88 Appendix No.43 Test method

## Issued to

L'Oreal SA  
14 rue Royal  
75008 - Paris  
FRANCE

## Apparatus under test

### Product

SKIN CONNECT, META PROFILER, BIOSCAN, SKIN SNAP,  
FACEPROFILER, YOUTHFINDER 2.0, SHADEMATCH,  
SKINTRUTH CHECKER

### Trademark

BIO THERM, KIEHL'S, PRADA, TAKAMI, YVES-SAINT-  
LAURENT, LANCOME, ARMANI, L'OREAL SA

### Manufacturer

Victory Telecom (Huizhou) Ltd

### Model under test

SK-01

### Serial number

None

## Conclusion

See Test Program chapter

## Test date

May 20, 2026 to May 22, 2026

## Test location

Moirans

## Composition of document

47 pages

## Document issued on

July 9, 2026

Written by :  
Majid MOURZAGH  
Tests operator

Approved by :  
Anthony MERLIN  
Technical manager



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## PUBLICATION HISTORY

| Version | Date         | Author         | Modification             |
|---------|--------------|----------------|--------------------------|
| 01      | July 9, 2026 | Majid MOURZAGH | Creation of the document |



## SUMMARY

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## 1. TEST PROGRAM

### References

Japanese Radio Law for Article 2 paragraph 1 item (19) categories equipment, as defined in Japanese Certification Ordinance

### Radio requirement:

| Description                                                                                           | Result - Comments                            |                               |                                        |                                |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------|----------------------------------------|--------------------------------|
| Communication Method                                                                                  | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Modulation Method                                                                                     | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Frequency Band                                                                                        | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Antenna Power & Antenna Power Tolerance & EIRP                                                        | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Spread Bandwidth                                                                                      | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Spread Factor                                                                                         | <input type="checkbox"/> PASS                | <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> NP(1) |
| Occupied Bandwidth                                                                                    | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Spurious Emissions Intensity                                                                          | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Limit On Secondary Spurious Emissions                                                                 | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Antenna Gain                                                                                          | <input checked="" type="checkbox"/> PASS     | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Half Power Beam Angle                                                                                 | <input type="checkbox"/> PASS                | <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> NP(1) |
| Carrier Sensing Function                                                                              | <input type="checkbox"/> PASS                | <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> NP(1) |
| Dwell Time                                                                                            | <input type="checkbox"/> PASS                | <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> NP(1) |
| Number of Carrier                                                                                     | <input type="checkbox"/> PASS                | <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> NP(1) |
| Housing Requirements                                                                                  | <input checked="" type="checkbox"/> PASS (2) | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| Interference Prevention Function                                                                      | <input checked="" type="checkbox"/> PASS (3) | <input type="checkbox"/> FAIL | <input type="checkbox"/> NA            | <input type="checkbox"/> NP(1) |
| This table is a summary of test report, see conclusion of each clause of this test report for detail. |                                              |                               |                                        |                                |

(1): Limited Program. Integration of a radio module already assessed

(2): The high-frequency section and modulation section cannot be easily opened

(3): The EUT sends a specific identification code to the wireless associated equipment

PASS: EUT complies with standard's requirement

FAIL: EUT does not comply with standard's requirement

NA: Not Applicable

NP: Test Not Performed

DP: Declaration of provider

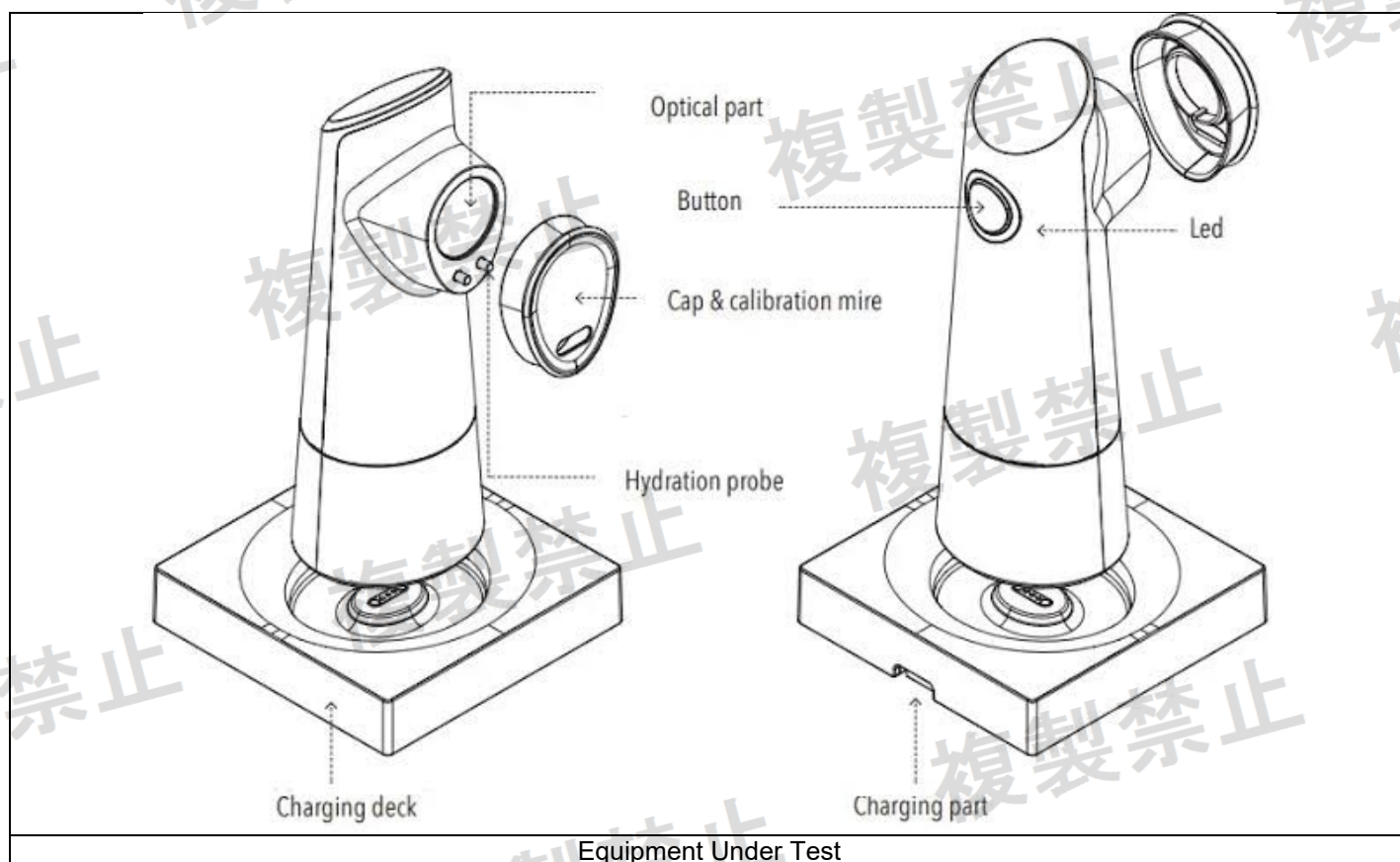
## 2. EQUIPMENT UNDER TEST: CONFIGURATION (DECLARED BY PROVIDER)

### 2.1. HARDWARE IDENTIFICATION (EUT AND AUXILIARIES):

Equipment under test (EUT):

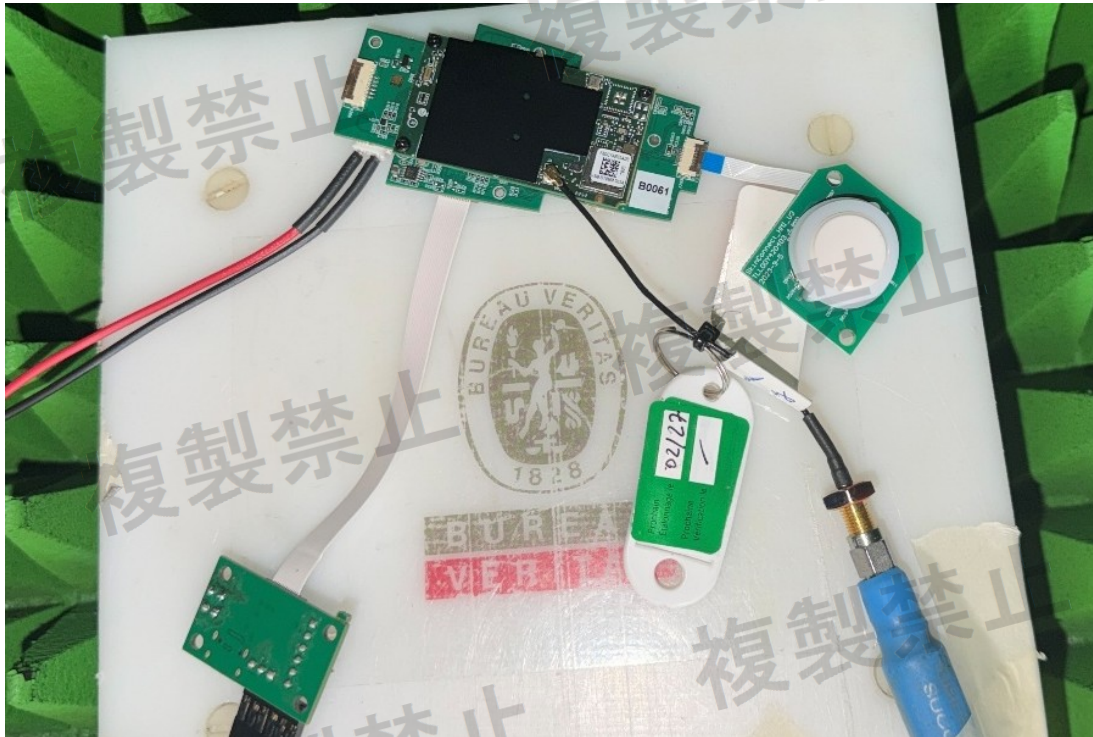
SK-01

Serial Number: None





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Equipment used during conducted

**Power supply:**

| Name    | Type    | Rating | Reference / Sn | Comments |
|---------|---------|--------|----------------|----------|
| Supply1 | Battery | 3.6 V  | /              | /        |

NC: Not communicated by provider

**Inputs/outputs - Cable:**

| Access  | Type    | Length used (m) | Declared <3m | Shielded | Comments           |
|---------|---------|-----------------|--------------|----------|--------------------|
| Supply1 | 2 wires | 0.20            | Yes          | No       | Used only for test |

NC: Not communicated by provider

**Auxiliary equipment used during test:**

| Type   | Reference | Sn | Comments |
|--------|-----------|----|----------|
| LAPTOP | LENOVO    | /  | /        |

NC: Not communicated by provider

**Software & Hardware identification:**

-HCI version: 4.0

-LMP version: 4.0

**Equipment information:**

|                          |                                                          |                                          |                                               |                               |
|--------------------------|----------------------------------------------------------|------------------------------------------|-----------------------------------------------|-------------------------------|
| Bluetooth LE Type:       | <input checked="" type="checkbox"/> BLE                  | <input type="checkbox"/> v6.0            | <input type="checkbox"/> v4.1                 | <input type="checkbox"/> v4.2 |
| Frequency band:          | [2400 – 2483.5] MHz                                      |                                          |                                               |                               |
| Spectrum Modulation:     | <input checked="" type="checkbox"/> Other Digital method |                                          |                                               |                               |
| Number of Channel:       | 40                                                       |                                          |                                               |                               |
| Spacing channel:         | 2MHz                                                     |                                          |                                               |                               |
| Channel bandwidth:       | 1MHz                                                     |                                          |                                               |                               |
| Antenna Type:            | <input checked="" type="checkbox"/> Integral             | <input type="checkbox"/> External        | <input type="checkbox"/> Dedicated            |                               |
| Antenna connector:       | <input checked="" type="checkbox"/> Yes                  | <input type="checkbox"/> No              | <input type="checkbox"/> Temporary for test   |                               |
| Transmit chains:         | <input checked="" type="checkbox"/> 1                    |                                          |                                               |                               |
|                          | Single antenna                                           |                                          |                                               |                               |
|                          | Gain 1: -4.2dBi                                          |                                          |                                               |                               |
| Beam forming gain:       | No                                                       |                                          |                                               |                               |
| Receiver chains          | 1                                                        |                                          |                                               |                               |
| Type of equipment:       | <input checked="" type="checkbox"/> Stand-alone          | <input type="checkbox"/> Plug-in         | <input type="checkbox"/> Combined             |                               |
| Ad-Hoc mode:             | <input type="checkbox"/> Yes                             |                                          | <input checked="" type="checkbox"/> No        |                               |
| Equipment type:          | <input checked="" type="checkbox"/> Production model     |                                          | <input type="checkbox"/> Pre-production model |                               |
| Type of power source:    | <input type="checkbox"/> AC power supply                 | <input type="checkbox"/> DC power supply | <input checked="" type="checkbox"/> Battery   |                               |
| Operating voltage range: | Vmin                                                     | <input type="checkbox"/> 90V/50Hz-60Hz   | <input checked="" type="checkbox"/> 2.5Vdc    |                               |
|                          | Vnom:                                                    | <input type="checkbox"/> 100V/50Hz-60Hz  | <input checked="" type="checkbox"/> 3.6Vdc    |                               |
|                          | Vmax:                                                    | <input type="checkbox"/> 110V/50Hz-60Hz  | <input checked="" type="checkbox"/> 4.2Vdc    |                               |



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## CHANNEL PLAN

| Channel        | Frequency (MHz) | Channel         | Frequency (MHz) |
|----------------|-----------------|-----------------|-----------------|
| <b>Cmin: 0</b> | 2402            | <b>Cmid: 20</b> | 2442            |
| 1              | 2404            | 21              | 2444            |
| 2              | 2406            | 22              | 2446            |
| 3              | 2408            | 23              | 2448            |
| 4              | 2410            | 24              | 2450            |
| 5              | 2412            | 25              | 2452            |
| 6              | 2414            | 26              | 2454            |
| 7              | 2416            | 27              | 2456            |
| 8              | 2418            | 28              | 2458            |
| 9              | 2420            | 29              | 2460            |
| 10             | 2422            | 30              | 2462            |
| 11             | 2424            | 31              | 2464            |
| 12             | 2426            | 32              | 2466            |
| 13             | 2428            | 33              | 2468            |
| 14             | 2430            | 34              | 2470            |
| 15             | 2432            | 35              | 2472            |
| 16             | 2434            | 36              | 2474            |
| 17             | 2436            | 37              | 2476            |
| 18             | 2438            | 38              | 2478            |
| 19             | 2440            | <b>Cmax: 39</b> | 2480            |

## DATA RATE

| Data Rate (Mbps) | Modulation Type | Worst Case Modulation               |
|------------------|-----------------|-------------------------------------|
| 1                | GFSK            | <input checked="" type="checkbox"/> |

## 2.2. RUNNING MODE

The EUT is set in the following modes during tests:

- Permanent emission with modulation on a fixed channel at the highest power
- Permanent emission without modulation on a fixed channel at the highest power

The EUT is set in the following modes during tests:

- Permanent emission with modulation on a fixed channel at the highest power
- Permanent emission without modulation on a fixed channel at the highest power
- Permanent reception



| Test mode   | Description of test mode                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test mode 1 | Permanent emission with modulation on a fixed channel in the data rate that produced the power below:<br><b>BLE TX</b><br># Activation BT<br>./activatebt.sh start<br>hciconfig hci0 up<br>hciconfig hci0 # vérif : UP RUNNING<br># Tests TX BLE<br>hcidtool cmd 0x08 0x001e 0x00 0x25 0x00 # 2402 MHz (Cmin)<br>hcidtool cmd 0x08 0x001e 0x13 0x25 0x00 # 2440 MHz (Cmid)<br>hcidtool cmd 0x08 0x001e 0x27 0x25 0x00 # 2480 MHz (Cmax) |
| Test mode 2 | Permanent Reception<br><b>BLE RX</b><br>hcidtool cmd 0x08 0x01d 0x00 (Start Receiving)<br>hcidtool cmd 08 01d 00<br>Start transmit packets (Lightpoint or other BLE packet generator)<br>Hcidtool cmd 0x08 0x01f (Stop receiving)<br>01 1f 20 00 xx yy – (Output, determine the number of successfull packets from yy xx)                                                                                                               |



### 2.3. EQUIPMENT LABELLING

None

### 2.4. EQUIPMENT MODIFICATION

☒ None ☐ Modification:

### 2.5. CALIBRATION DATE

The calibration intervals are extended at 4 months. This extended interval is based on the fact that there is sufficient calibration data to statistically establish a trend or based on experience of use of the test equipment to assure good measurement results for a longer period.

### 3. ANTENNA GAIN & ANTENNA PATTERN

#### 3.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
 Date of test : May 26, 2026  
 Ambient temperature : 26 °C  
 Relative humidity : 38 %

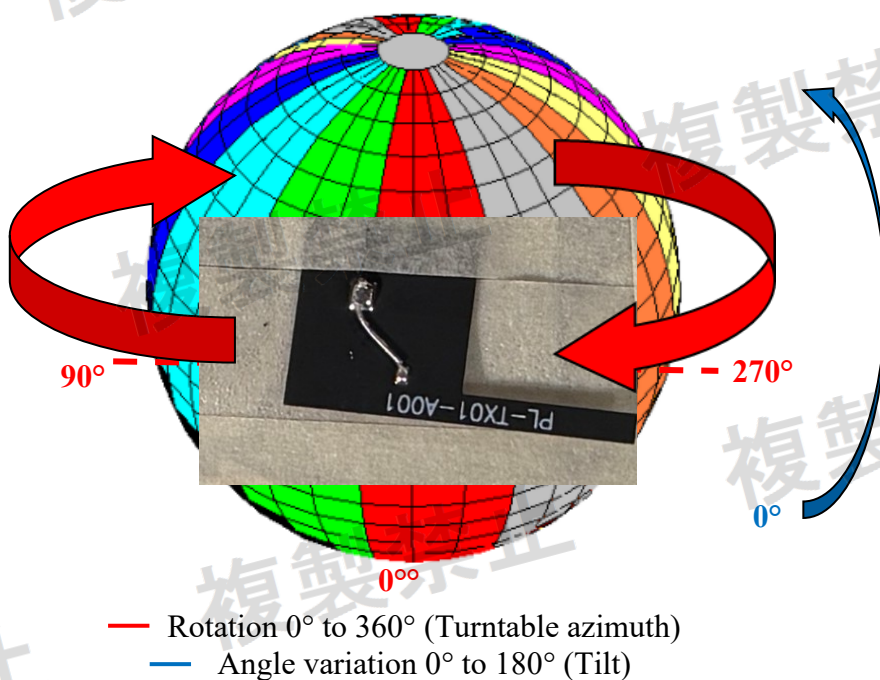
#### 3.2. TEST SETUP

- Configuration**

RF field: ☒ Unmodulated  
☐ Modulated

- Qualification measurements in a anechoic chamber at 3meters**

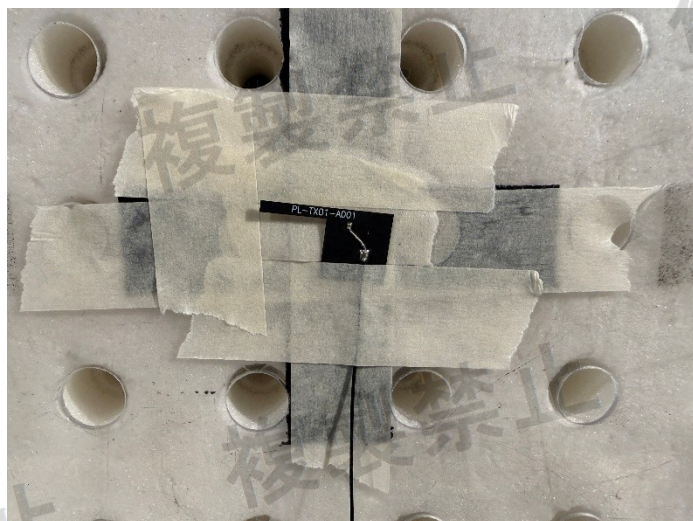
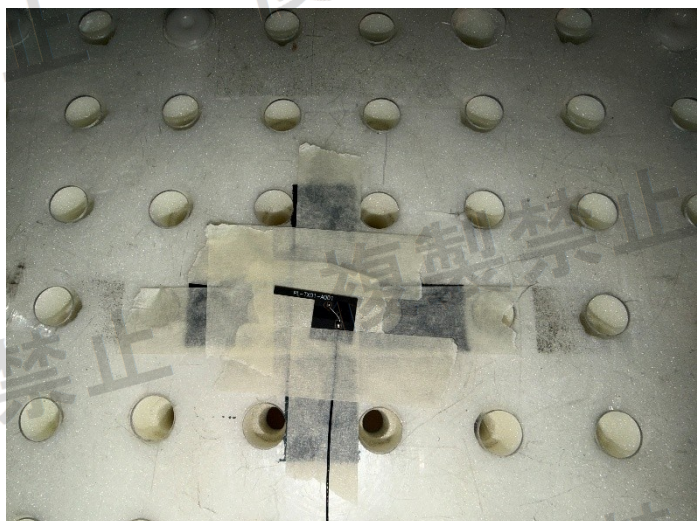
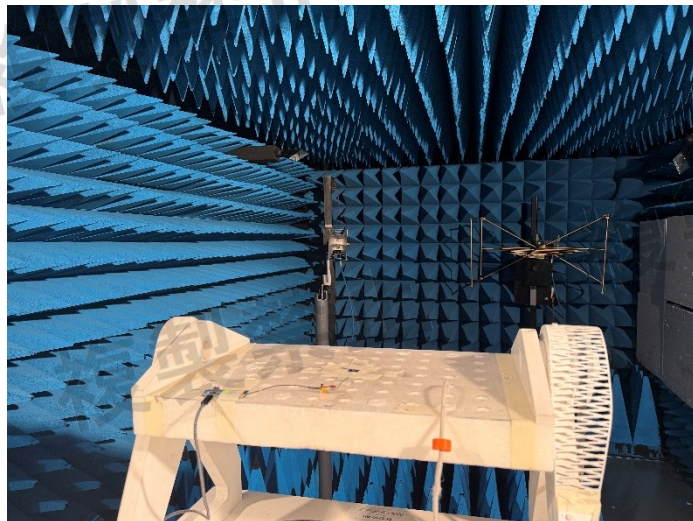
The setup is 1.5m above the ground reference plane on an insulating support. Distance between measuring antenna and the EUT is 3 meters. The measuring antenna is in vertical and then in horizontal polarization. Measurement bandwidth was 3MHz. Antenna height is set at 1.5m for both horizontal and vertical polarization. Measurements are performed each 10° with turntable azimuth with 360 degrees range. The substitution antenna replaces the equipment under test for Effective Radiated Power (E.I.R.P) measurement. Power is measured for the same level of radiated field strength obtained on the measuring antenna.



Normal test setup



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### 3.3. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED               |                 |                 |            |          |         |             |                 |
|-----------------------------------|-----------------|-----------------|------------|----------|---------|-------------|-----------------|
| Description                       | Manufacturer    | Model           | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| POWER METER                       | DARE            | RPR3006W        | A1503032   | 11/2024  | 11/2026 | c)          | C               |
| Spectrum analyzer                 | ROHDE & SCHWARZ | FSU 26          | A4060058   | 01/2026  | 01/2028 | c)          | B               |
| CABLE                             | TELEDYNE        | R82-0404-0.5M   | A5330010   | 08/2025  | 08/2028 | d)          | A               |
| SMA Cable 18GHz 0.6m              | TELEDYNE        | 18GHz           | A5330055   | 08/2025  | 08/2026 | d)          | A               |
| SMA Cable 18GHz 3.5m              | TELEDYNE        | 18GHz           | A5330058   | 08/2025  | 08/2026 | d)          | A               |
| SMA Cable 18GHz 0.5m              | TELEDYNE        | 18GHz           | A5330059   | 01/2025  | 05/2026 | d)          | A               |
| SMK 6.50m                         | TELEDYNE        | A90-010-6.50MTR | A5330061   | 08/2025  | 08/2026 | d)          | A               |
| Frequency generator 10MHz - 27GHz | ROHDE & SCHWARZ | SMR 27          | A5442045   | 04/2024  | 08/2026 | c)          | B               |
| Attenuator 10dB                   | AEROFLEX        | —               | A7122267   | 08/2025  | 08/2027 | d)          | A               |
| Thermo-hygrometer                 | TESTO           | 608-H1          | B4204120   | 05/2025  | 05/2027 | d)          | A               |
| Antenna horn 18GHz                | EMCO            | 3115            | C2042029   | 11/2024  | 11/2027 | c)          | D               |
| Antenna horn 18GHz                | AINFO           | LB              | C2042055   | 11/2024  | 11/2027 | c)          | D               |
| TILT                              | INNCO           | TILT            | D3044033   | (*)      | (*)     | N/A         | N/A             |
| Turntable chamber (Cage#3)        | ETS Lingren     | Model 2165      | F2000371   | (*)      | (*)     | N/A         | N/A             |
| Turntable controller (Cage#3)     | ETS Lingren     | Model 2090      | F2000444   | (*)      | (*)     | N/A         | N/A             |
| Table C3                          | LCIE            | —               | F2000461   | (*)      | (*)     | N/A         | N/A             |
| Rehausse Table C3                 | LCIE            | —               | F2000507   | (*)      | (*)     | N/A         | N/A             |
| Rehausse Table C3                 | LCIE            | —               | F2000511   | (*)      | (*)     | N/A         | N/A             |
| Mat Controler                     | LCIE            | MAT Controler   | F2000523   | (*)      | (*)     | N/A         | N/A             |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.

N/A: Not applicable

Calibration Agent:

A: LCIE Bureau Veritas, France

B: R&S, Germany

C: Kiwa Dare, The Netherlands

D: Element Metech AB, Sweden

E: SEIBERSDORF LABORATORIES

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.

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).

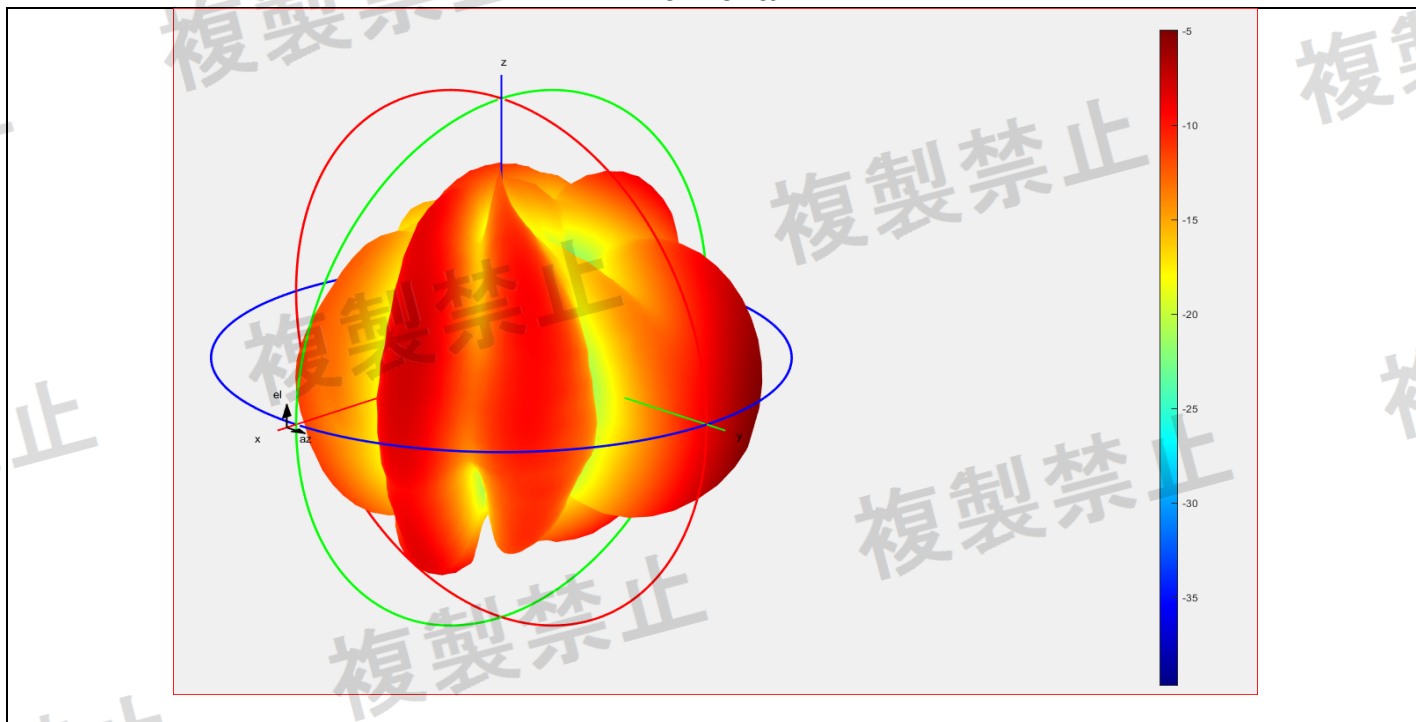
c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph

d) Calibration conducted by using other equipment that listed above from a) to c)

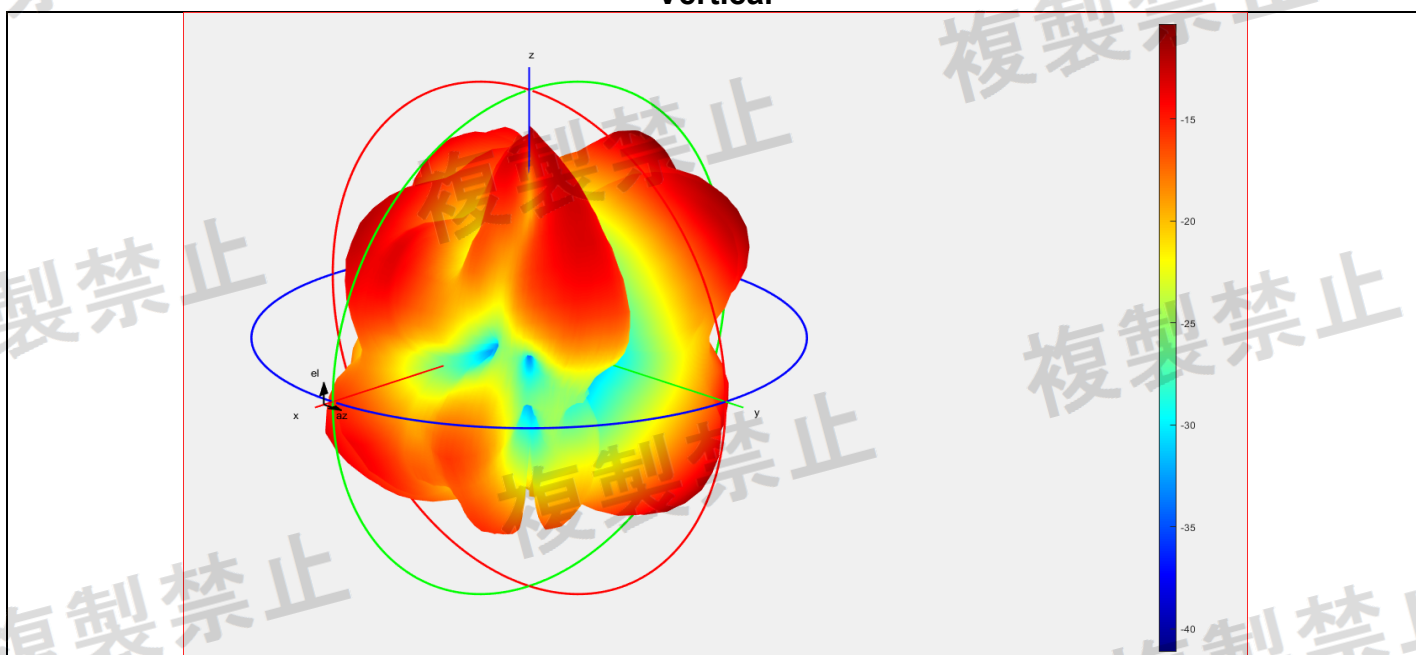
### 3.4. TEST SEQUENCE AND RESULTS

Max peak gain: -4.2 dBi ( worst case presented)

Horizontal

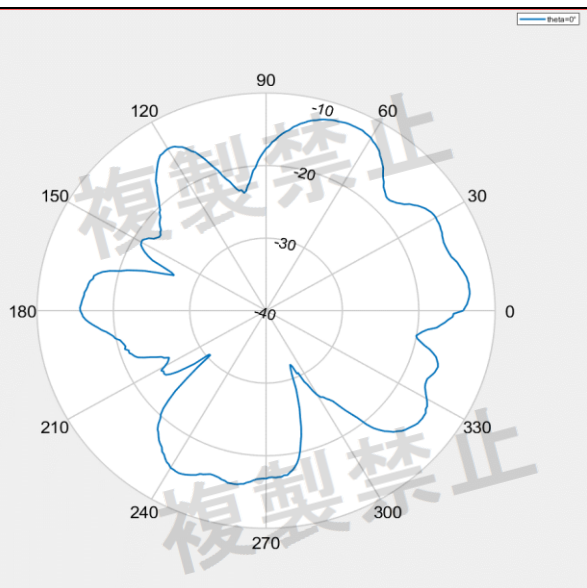


Vertical

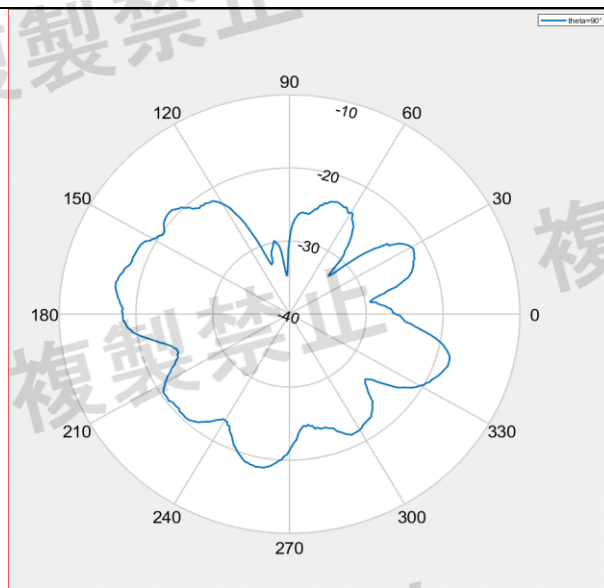




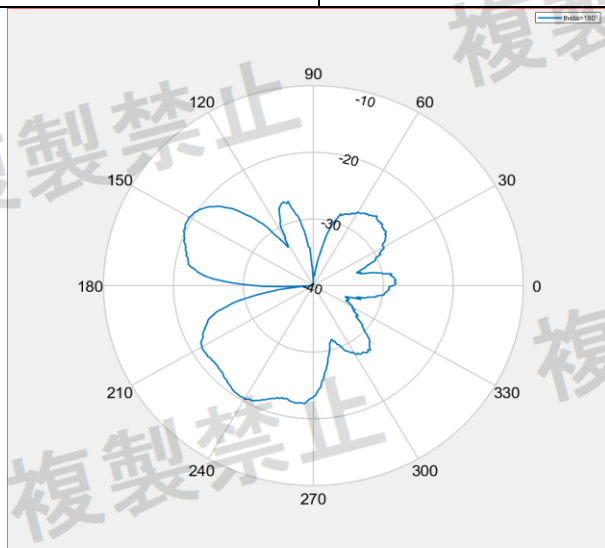
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0° Vertical



90° Vertical



180° Vertical

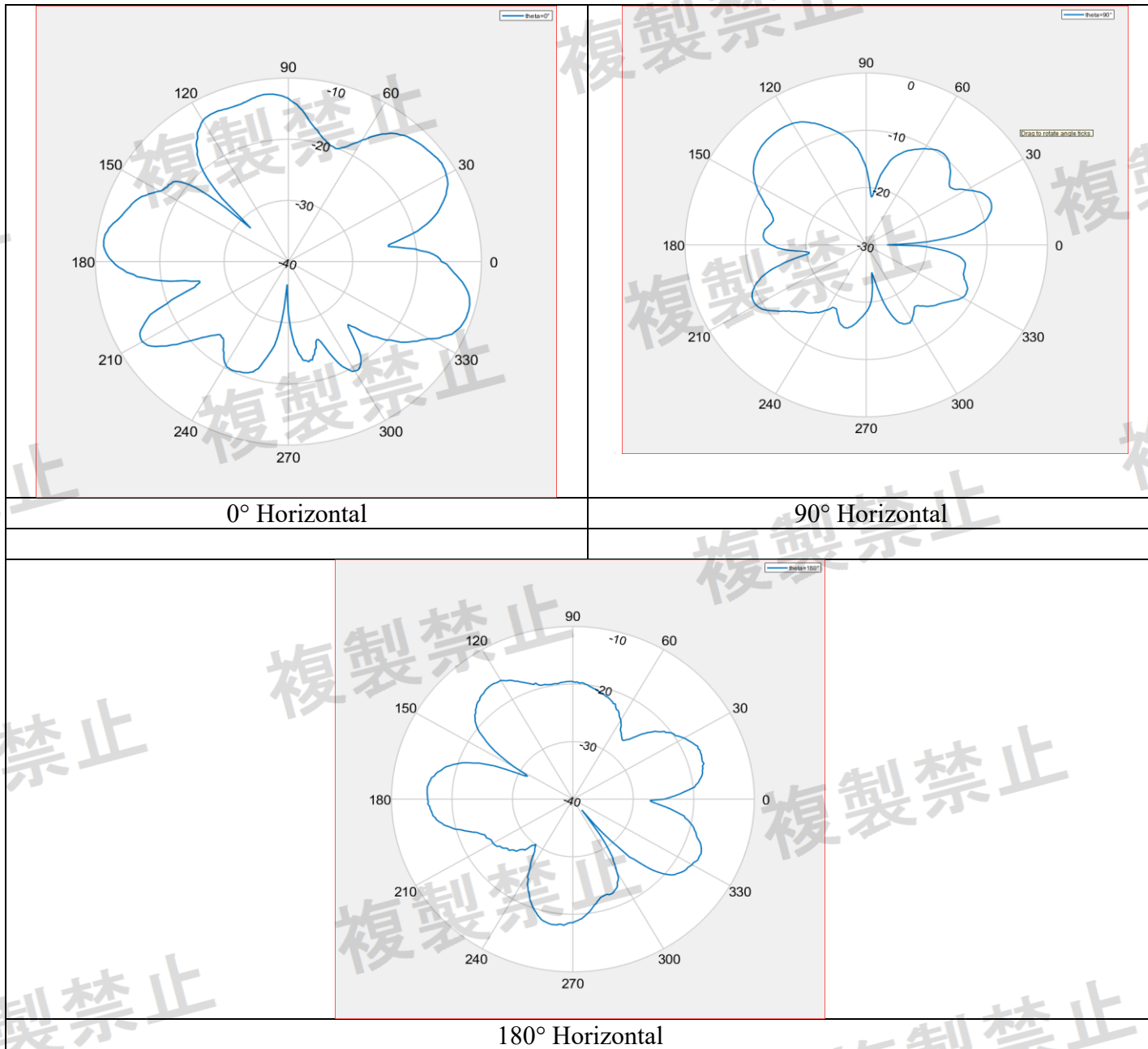


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複製禁止

複製禁止





### 3.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

☒ None ☐ Divergence:

### 3.6. RESULTS

| Voltage            | Vnom  |
|--------------------|-------|
| Channel            | Cmid  |
| Antenna Gain (dBi) | - 4.2 |

### 3.7. CONCLUSION

Antenna Pattern & Antenna Gain measurement performed on the sample of the product **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.



## 4. ANTENNA POWER & TOLERANCE FOR ANTENNA POWER & EIRP

### 4.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
Date of test : May 20, 2026  
Ambient temperature : 25 °C  
Relative humidity : 41 %

### 4.2. TEST SETUP

- The Equipment under Test is installed:  
☒ FAR ☐ On a table
- Measurement is performed with a spectrum analyzer  
☒ On the EUT conducted access

The Antenna Power & Tolerance or Antenna Power are measured with a thermocouple power meter.

Mean power at the output of the transmitter (A) is deduced after correction due to RF cables loss between the EUT and the spectrum analyzer.

The Equivalent Isotropic Radiated Power (EIRP in dBm) is defined with the following formula:

$EIRP = \text{Antenna Power} + G$

Antenna Power (dBm): mean power at the output of the transmitter  $+10 \cdot \log(1/x)$

G (dBi): Antenna gain

x: Duty cycle

#### Pre-scan Spectrum Analyzer Setting:

Center frequency= Test frequency

Span= Twice wider than the Occupied Bandwidth

Amplitude= Sufficient to observe the signal amplitude

RBW> 1MHz

VBW> 3MHz

Sweep= Auto

Sweep Point= 5000 points

Continue Sweep

Trace= Max Hold

Detector= Peak

Marker Search Peak

#### Final measurement

#### Spectrum Analyzer Setting:

Center frequency= Marker Search Peak during Pre-scan

Span= 0

Amplitude= Sufficient to observe the signal amplitude

RBW> 1MHz

VBWV 1MHz

Sweep= Auto

Sweep Point= 5000 points

Continuous Sweep

Trace= Clear/Write

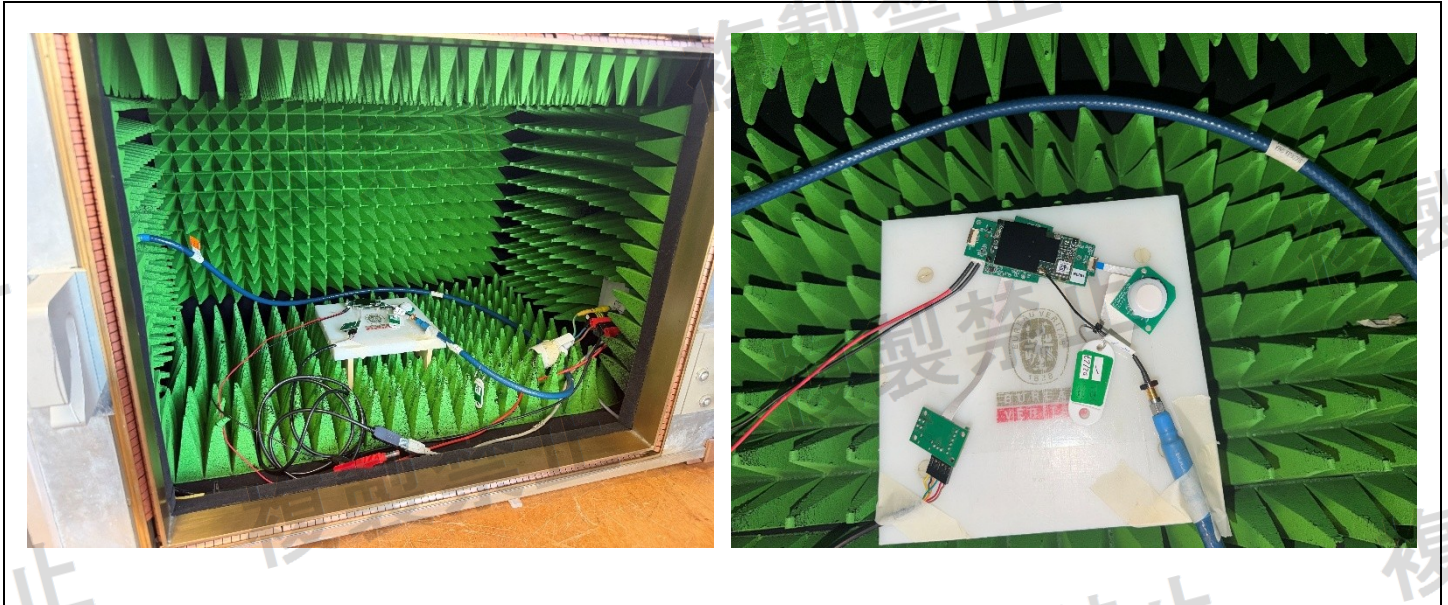
Detector= Peak

#### Power Meter Setting:

Connect the Thermocouple power sensor to the IF spectrum analyzer output



L C I E



Photograph for Antenna Power & Tolerance for Antenna Power

#### 4.3. LIMIT

Antenna Power shall be 10mW or less

Tolerance for Antenna Power shall be inside +20% & -80% tolerance

EIRP shall be less 12.14dBm to 22.14dBm depending to Half Power Beam Width



#### 4.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED  |              |          |            |          |         |             |                 |
|----------------------|--------------|----------|------------|----------|---------|-------------|-----------------|
| Description          | Manufacturer | Model    | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| POWER METER          | DARE         | RPR3006W | A1503032   | 11/2024  | 11/2026 | c)          | C               |
| CABLE                | SUCOFLEX     | 18GHz    | A5329864   | 01/2025  | 05/2026 | d)          | A               |
| DC Power Supply      | RS PRO       | RS3005P  | A7042314   | (*)      | (*)     | N/A         | N/A             |
| Full Anechoic Room   | SIEPEL       | —        | D3044024   | (*)      | (*)     | N/A         | N/A             |
| CABLE                | SUCOFLEX     | 18GHz    | A5329863   | 08/2025  | 08/2026 | d)          | A               |
| THERMO<br>HYGROMETER | TESTO        | 608-H2   | B4204121   | 05/2025  | 05/2027 | d)          | A               |
| CONTROL TOOLS        | FLUKE        | 289      | A1241119   | 05/2025  | 05/2027 | d)          | A               |
| RADIMATION           | RADIMATION   | 2023.2.4 | L1000139   | (*)      | (*)     | N/A         | N/A             |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.  
N/A: Not applicable

Calibration Agent:

A: LCIE Bureau Veritas, France  
B: R&S, Germany  
C: Kiwa Dare, The Netherlands  
D: Element Metech AB, Sweden

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.  
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  
d) Calibration conducted by using other equipment that listed above from a) to c)

#### 4.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

☒ None      ☐ Divergence:

#### 4.6. RESULTS

##### BLE 1Mbps :

| Voltage                         | Vmin   |        |        |
|---------------------------------|--------|--------|--------|
| Channel                         | Cmin   | Cnom   | Cmax   |
| Antenna Power (dBm)             | 5.22   | 5.09   | 4.88   |
| Antenna Power (mW)              | 3.327  | 3.228  | 3.076  |
| Declared Antenna Power (mW)     | 5      | 5      | 5      |
| Tolerance for Antenna Power (%) | -33.47 | -35.43 | -38.48 |
| EIRP (dBm)                      | 1.02   | 0.89   | 0.68   |
| Voltage                         | Vnom   |        |        |
| Channel                         | Cmin   | Cnom   | Cmax   |
| Antenna Power (dBm)             | 5.15   | 5      | 4.83   |
| Antenna Power (mW)              | 3.273  | 3.162  | 3.041  |
| Declared Antenna Power (mW)     | 5      | 5      | 5      |
| Tolerance for Antenna Power (%) | -34.53 | -36.75 | -39.18 |
| EIRP (dBm)                      | 0.95   | 0.80   | 0.63   |
| Voltage                         | Vmax   |        |        |
| Channel                         | Cmin   | Cnom   | Cmax   |
| Antenna Power (dBm)             | 5.11   | 5.01   | 4.8    |
| Antenna Power (mW)              | 3.243  | 3.170  | 3.020  |
| Declared Antenna Power (mW)     | 5      | 5      | 5      |
| Tolerance for Antenna Power (%) | -35.13 | -36.61 | -39.60 |
| EIRP (dBm)                      | 0.91   | 0.81   | 0.60   |

#### 4.7. CONCLUSION

Antenna Power, Tolerance for Antenna Power & EIRP measurement performed on the sample of the **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.



## 5. FREQUENCY TOLERANCE

### 5.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
Date of test : May 20, 2026  
Ambient temperature : 25 °C  
Relative humidity : 41 %

### 5.2. TEST SETUP

- The Equipment under Test is installed:  
☒ FAR ☐ On a table
- Measurement is performed with a spectrum analyzer  
☒ On the EUT conducted access

Spectrum Analyzer Setting for **Unmodulated Signal**:

Center frequency= Test frequency

Span= 100kHz

Amplitude= Sufficient to observe the signal amplitude

RBW= 1kHz

VBW= 3kHz

Sweep= Auto

Trace= Max Hold

Detector= Peak

Counter function activated

Spectrum Analyzer Setting for **Modulated Signal**:

Center frequency= Test frequency

Span= 100kHz

Amplitude= Sufficient to observe the signal amplitude

RBW= 30kHz

VBW= 30kHz

Sweep= Auto

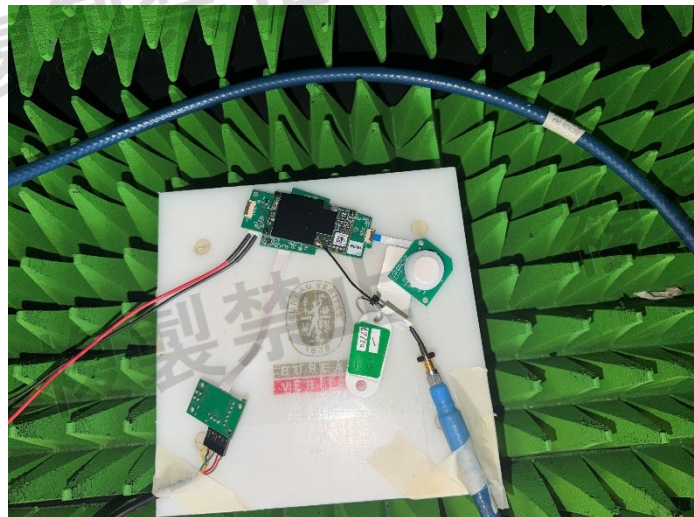
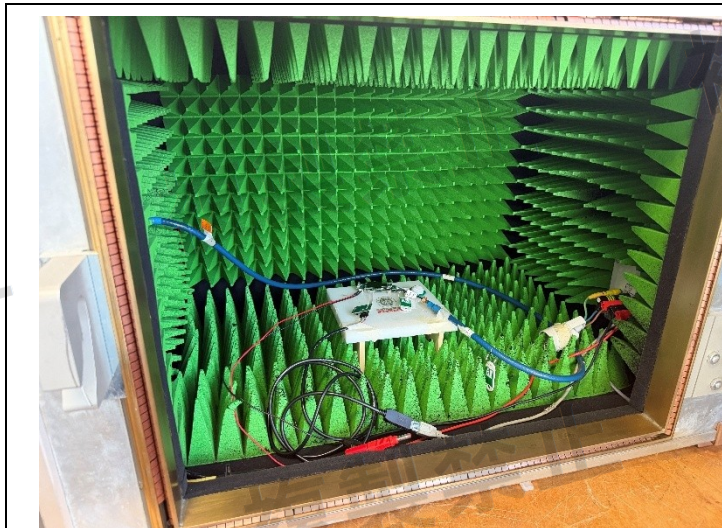
Trace= Max Hold

Detector= Peak

10dB Down activated

Determine measuring frequency  $f = (f_H + f_L) / 2$

Then the frequency error formula is  $(f - f_c) / f_c \times 10^6$  ppm



Photograph for Frequency Tolerance

### 5.3. LIMIT

The Frequency Tolerance shall not exceed  $\pm 50\text{ppm}$



#### 5.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED  |              |         |            |          |         |             |                 |
|----------------------|--------------|---------|------------|----------|---------|-------------|-----------------|
| Description          | Manufacturer | Model   | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| CABLE                | SUCOFLEX     | 18GHz   | A5329864   | 01/2025  | 05/2026 | d)          | A               |
| DC Power Supply      | RS PRO       | RS3005P | A7042314   | (*)      | (*)     | N/A         | N/A             |
| Full Anechoic Room   | SIEPEL       | _       | D3044024   | (*)      | (*)     | N/A         | N/A             |
| CABLE                | SUCOFLEX     | 18GHz   | A5329863   | 08/2025  | 08/2026 | d)          | A               |
| THERMO<br>HYGROMETER | TESTO        | 608-H2  | B4204121   | 05/2025  | 05/2027 | d)          | A               |
| CONTROL TOOLS        | FLUKE        | 289     | A1241119   | 05/2025  | 05/2027 | d)          | A               |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.

N/A: Not applicable

##### Calibration Agent:

A: LCIE Bureau Veritas, France

B: R&S, Germany

C: Kiwa Dare, The Netherlands

D: Element Metech AB, Sweden

##### 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.

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

d) Calibration conducted by using other equipment that listed above from a) to c)

#### 5.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

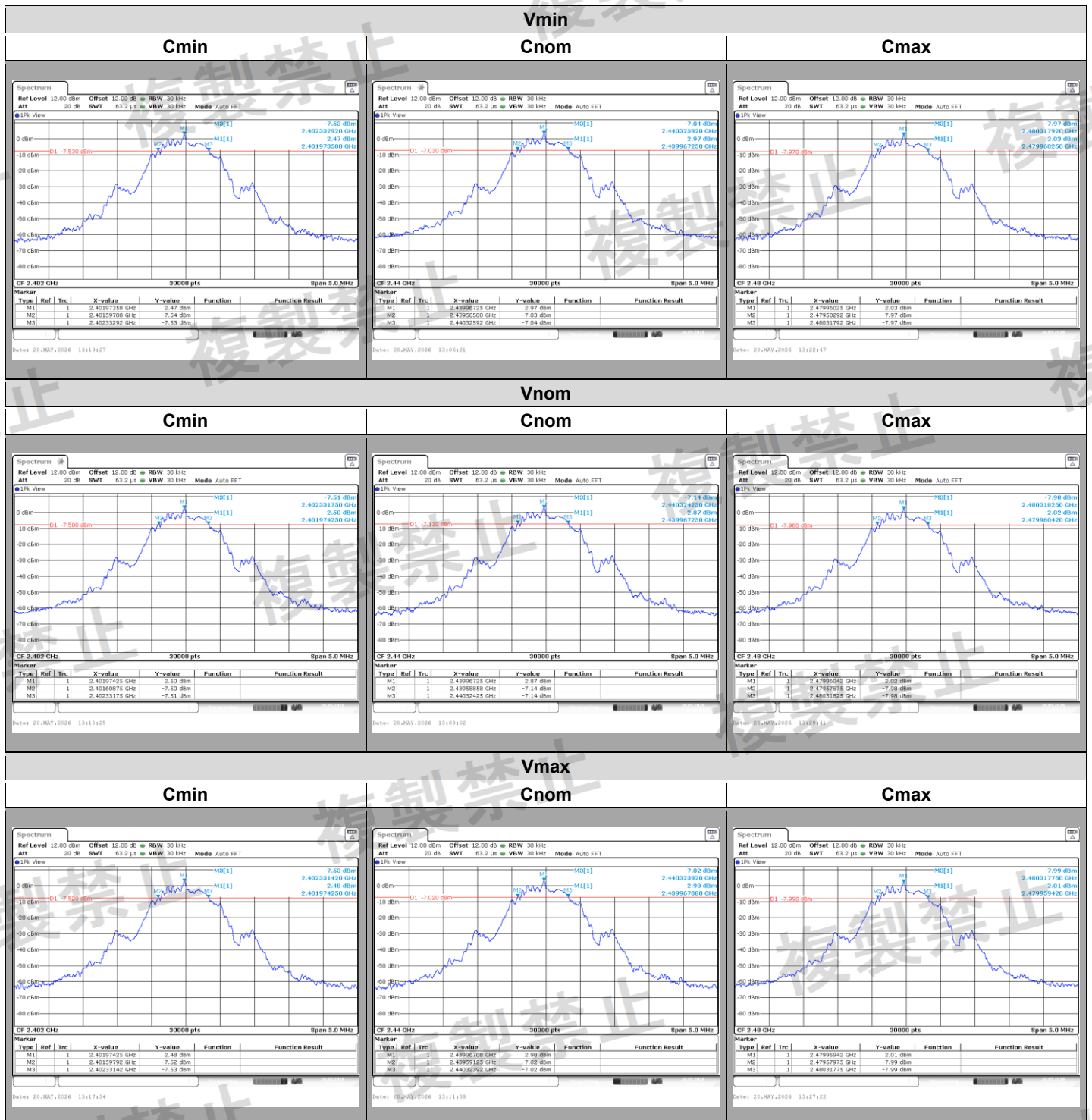
☒ None

☐ Divergence:



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## 5.6. RESULTS





| Voltage                          | Vmin        |             |             |
|----------------------------------|-------------|-------------|-------------|
| Channel                          | Cmin        | Cnom        | Cmax        |
| Declared Frequency (MHz)         | 2402        | 2440        | 2480        |
| Measured Frequency (MHz)         | 2.401965    | 2.4399555   | 2.47995042  |
| Frequency Tolerance (ppm)        | -14.5711907 | -18.2377049 | -19.9919355 |
| Limite Frequency Tolerance (ppm) | ± 50        | ± 50        | ± 50        |
| Voltage                          | Vnom        |             |             |
| Channel                          | Cmin        | Cnom        | Cmax        |
| Declared Frequency (MHz)         | 2402        | 2440        | 2480        |
| Measured Frequency (MHz)         | 2.40197175  | 2.43995642  | 2.4799485   |
| Frequency Tolerance (ppm)        | -11.7610325 | -17.8627049 | -20.766129  |
| Limite Frequency Tolerance (ppm) | ± 50        | ± 50        | ± 50        |
| Voltage                          | Vmax        |             |             |
| Channel                          | Cmin        | Cnom        | Cmax        |
| Declared Frequency (MHz)         | 2402        | 2440        | 2480        |
| Measured Frequency (MHz)         | 2.40196467  | 2.43995759  | 2.47994875  |
| Frequency Tolerance (ppm)        | -14.7085762 | -17.3831967 | -20.6653226 |
| Limite Frequency Tolerance (ppm) | ± 50        | ± 50        | ± 50        |

## 5.7. CONCLUSION

Frequency Tolerance measurement performed on the sample of the product SK-01, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.

## 6. OCCUPIED CHANNEL BANDWIDTH

### 6.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
Date of test : May 20, 2026  
Ambient temperature : 25 °C  
Relative humidity : 41 %

### 6.2. TEST SETUP

- The Equipment under Test is installed:  
☒ FAR ☐ On table
- Measurement is performed with a spectrum analyzer  
☒ On the EUT conducted access

The spectrum analyzer occupied bandwidth function is used to find the occupied channel bandwidth.

Set the spectrum analyzer as follows:

Center frequency: Test frequency  
Frequency sweep width : About 2~3.5 times the Nominal bandwidth

RBW= 300kHz

VBW= 300kHz

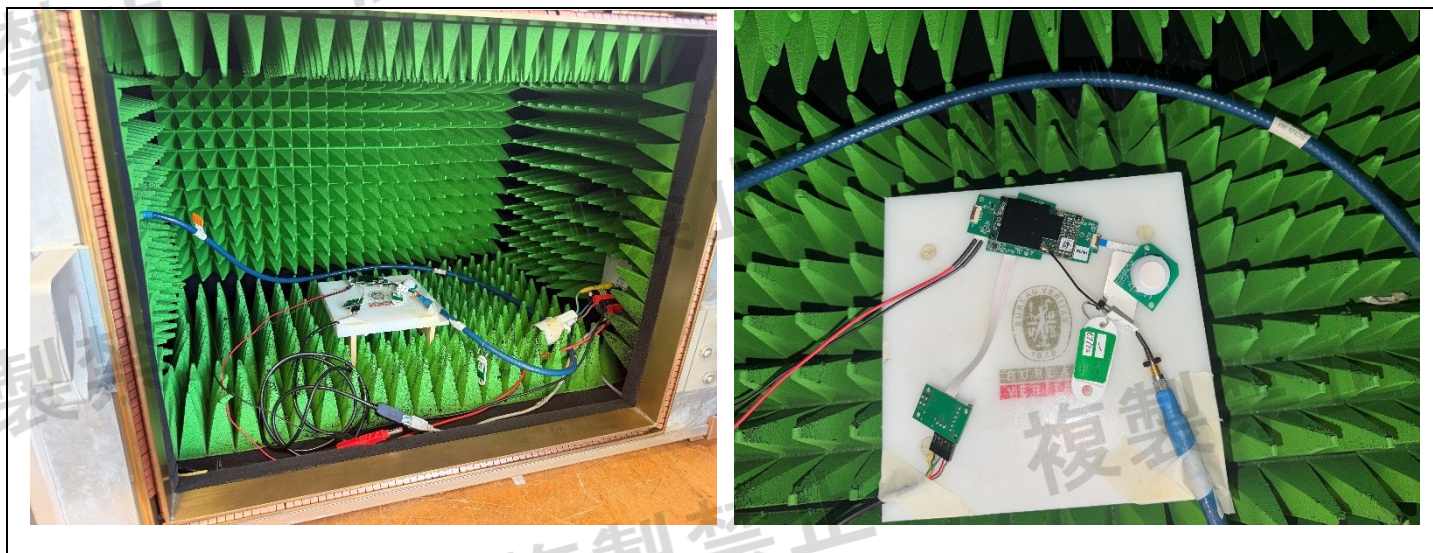
Sweep= Auto

Trace= Max Hold

Detector= Peak

Occupied Bandwidth 99% activated

Spread bandwidth 90% activated



Photograph Occupied Channel Bandwidth



### 6.3. LIMIT

The Occupied Bandwidth shall be 26MHz or less

### 6.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED  |              |         |            |          |         |             |                 |
|----------------------|--------------|---------|------------|----------|---------|-------------|-----------------|
| Description          | Manufacturer | Model   | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| CABLE                | SUCOFLEX     | 18GHz   | A5329864   | 01/2025  | 05/2026 | d)          | A               |
| DC Power Supply      | RS PRO       | RS3005P | A7042314   | (*)      | (*)     | N/A         | N/A             |
| Full Anechoic Room   | SIEPEL       | —       | D3044024   | (*)      | (*)     | N/A         | N/A             |
| CABLE                | SUCOFLEX     | 18GHz   | A5329863   | 08/2025  | 08/2026 | d)          | A               |
| THERMO<br>HYGROMETER | TESTO        | 608-H2  | B4204121   | 05/2025  | 05/2027 | d)          | A               |
| CONTROL TOOLS        | FLUKE        | 289     | A1241119   | 05/2025  | 05/2027 | d)          | A               |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.

N/A: Not applicable

#### Calibration Agent:

- A: LCIE Bureau Veritas, France  
B: R&S, Germany  
C: Kiwa Dare, The Netherlands  
D: Element Metech AB, Sweden

#### 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.  
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  
d) Calibration conducted by using other equipment that listed above from a) to c)

### 6.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

☒ None ☐ Divergence:



**1Mbps**  
**Occupied Bandwidth 1Mbps**





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## Spread bandwidth





| Voltage                  | Vmin    |         |         |
|--------------------------|---------|---------|---------|
| Channel                  | Cmin    | Cnom    | Cmax    |
| Occupied Bandwidth (MHz) | 1.286   | 1.352   | 1.31    |
| Spread Bandwidth (MHz)   | 0.840   | 0.845   | 0.841   |
| Limit (MHz)              | ≤ 26MHz | ≤ 26MHz | ≤ 26MHz |
| Voltage                  | Vnom    |         |         |
| Channel                  | Cmin    | Cnom    | Cmax    |
| Occupied Bandwidth (MHz) | 1.331   | 1.344   | 1.321   |
| Spread Bandwidth (MHz)   | 0.840   | 0.832   | 0.839   |
| Limit (MHz)              | ≤ 26MHz | ≤ 26MHz | ≤ 26MHz |
| Voltage                  | Vmax    |         |         |
| Channel                  | Cmin    | Cnom    | Cmax    |
| Occupied Bandwidth (MHz) | 1.288   | 1.351   | 1.325   |
| Spread Bandwidth (MHz)   | 0.832   | 0.836   | 0.843   |
| Limit (MHz)              | ≤ 26MHz | ≤ 26MHz | ≤ 26MHz |

#### 6.7. CONCLUSION

Occupied Channel Bandwidth measurement performed on the sample of the product. **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.

## 7. SPURIOUS EMISSION INTENSITY

### 7.1. TEST CONDITIONS

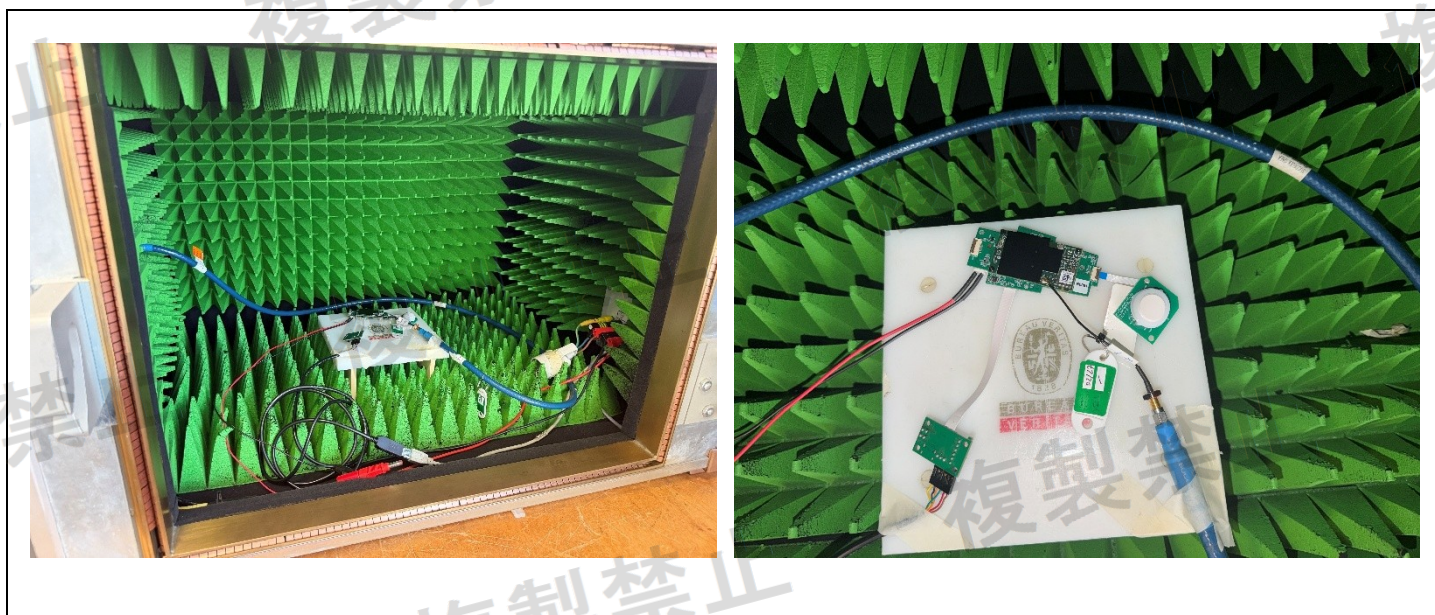
Test performed by : Majid MOURZAGH  
Date of test : May 21, 2026  
Ambient temperature : 24 °C  
Relative humidity : 40 %

### 7.2. TEST SETUP

#### Qualification of conducted measurements (30MHz to 12.75GHz):

The power level shall be recorded as the conducted spurious emission level.

The transmitter shall be connected to a 50  $\Omega$  power attenuator. The output of the power attenuator shall be connected to a measuring receiver



Photograph for Spurious Emission Intensity

### 7.3. LIMIT

| Spurious Emission Intensity |                |
|-----------------------------|----------------|
| Frequencies                 | Limit          |
| 30MHz to 2387MHz            | 2.5μW (-26dBm) |
| 2387MHz to 2400MHz          | 25μW (-16dBm)  |
| 2483.5MHz to 2496.5MHz      | 25μW (-16dBm)  |
| 2496.5MHz to 12500MHz       | 2.5μW (-26dBm) |

### 7.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED  |              |         |            |          |         |             |                 |
|----------------------|--------------|---------|------------|----------|---------|-------------|-----------------|
| Description          | Manufacturer | Model   | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| CABLE                | SUCOFLEX     | 18GHz   | A5329864   | 01/2025  | 05/2026 | d)          | A               |
| DC Power Supply      | RS PRO       | RS3005P | A7042314   | (*)      | (*)     | N/A         | N/A             |
| Full Anechoic Room   | SIEPEL       | —       | D3044024   | (*)      | (*)     | N/A         | N/A             |
| CABLE                | SUCOFLEX     | 18GHz   | A5329863   | 08/2025  | 08/2026 | d)          | A               |
| THERMO<br>HYGROMETER | TESTO        | 608-H2  | B4204121   | 05/2025  | 05/2027 | d)          | A               |
| CONTROL TOOLS        | FLUKE        | 289     | A1241119   | 05/2025  | 05/2027 | d)          | A               |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.

N/A: Not applicable

#### Calibration Agent:

A: LCIE Bureau Veritas, France

B: R&S, Germany

C: Kiwa Dare, The Netherlands

D: Element Metech AB, Sweden

#### 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.

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

d) Calibration conducted by using other equipment that listed above from a) to c)

### 7.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

☒ None

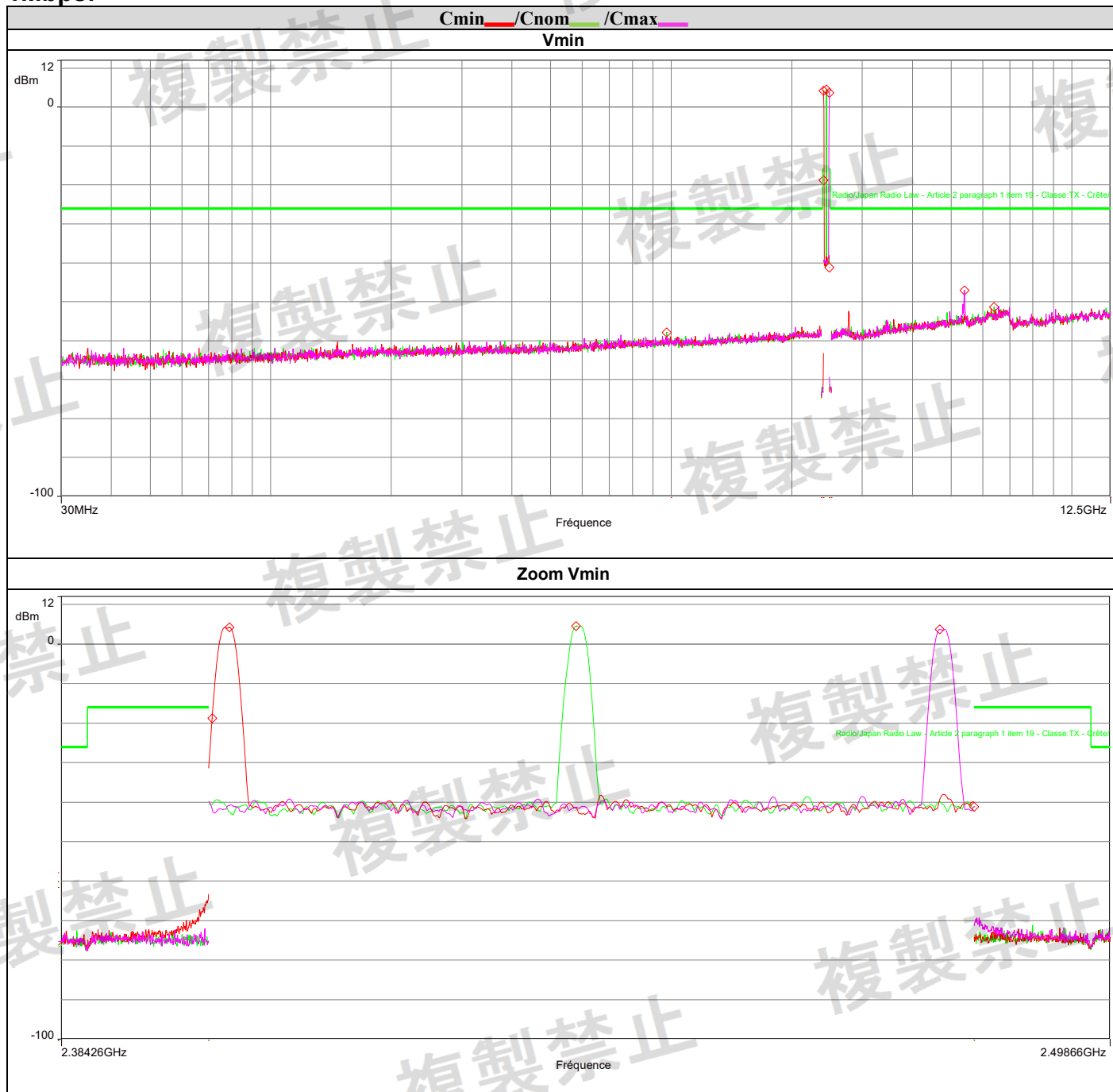
☐ Divergence:



LCIE

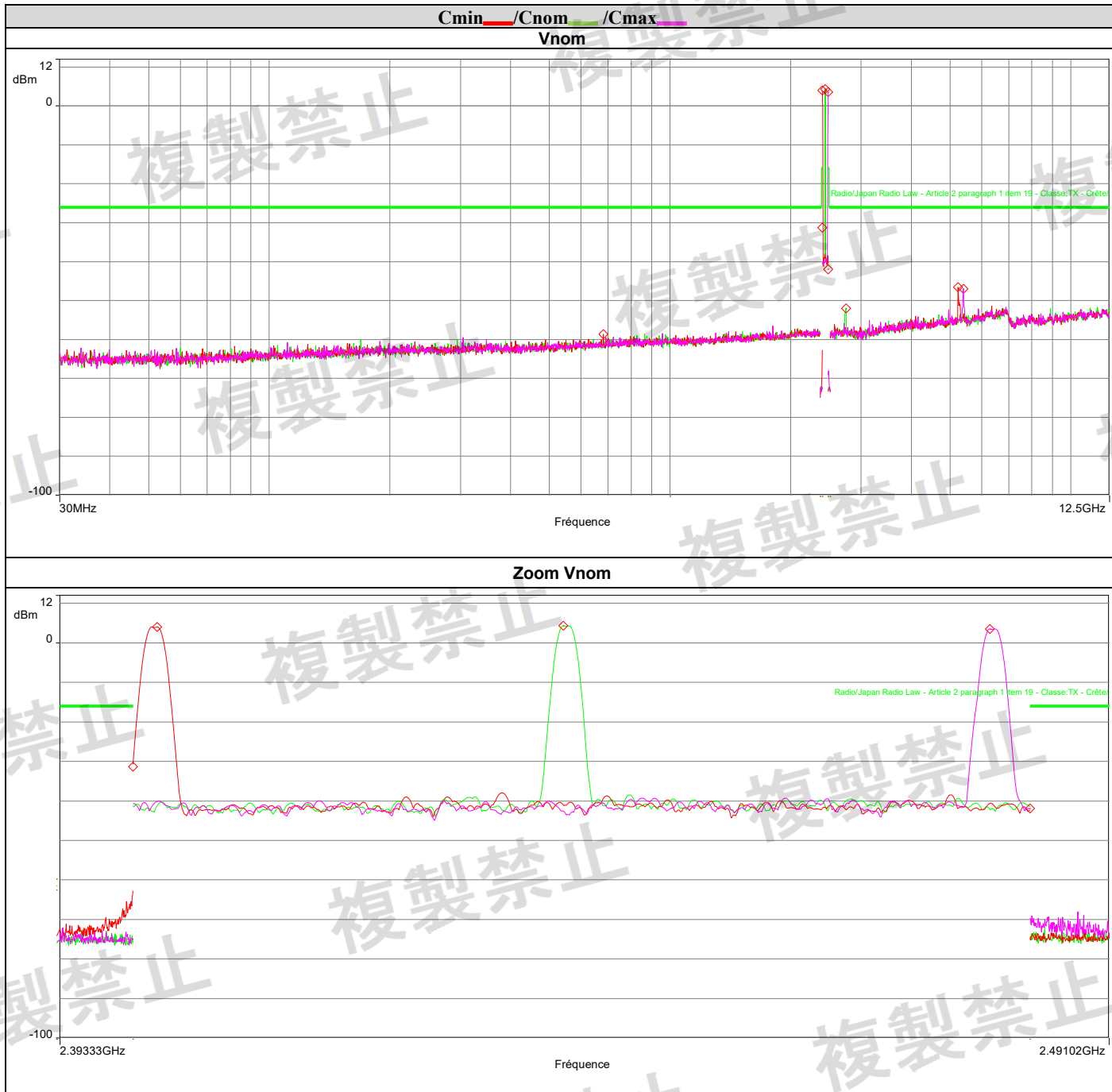
## 7.6. RESULTS

1Mbps:



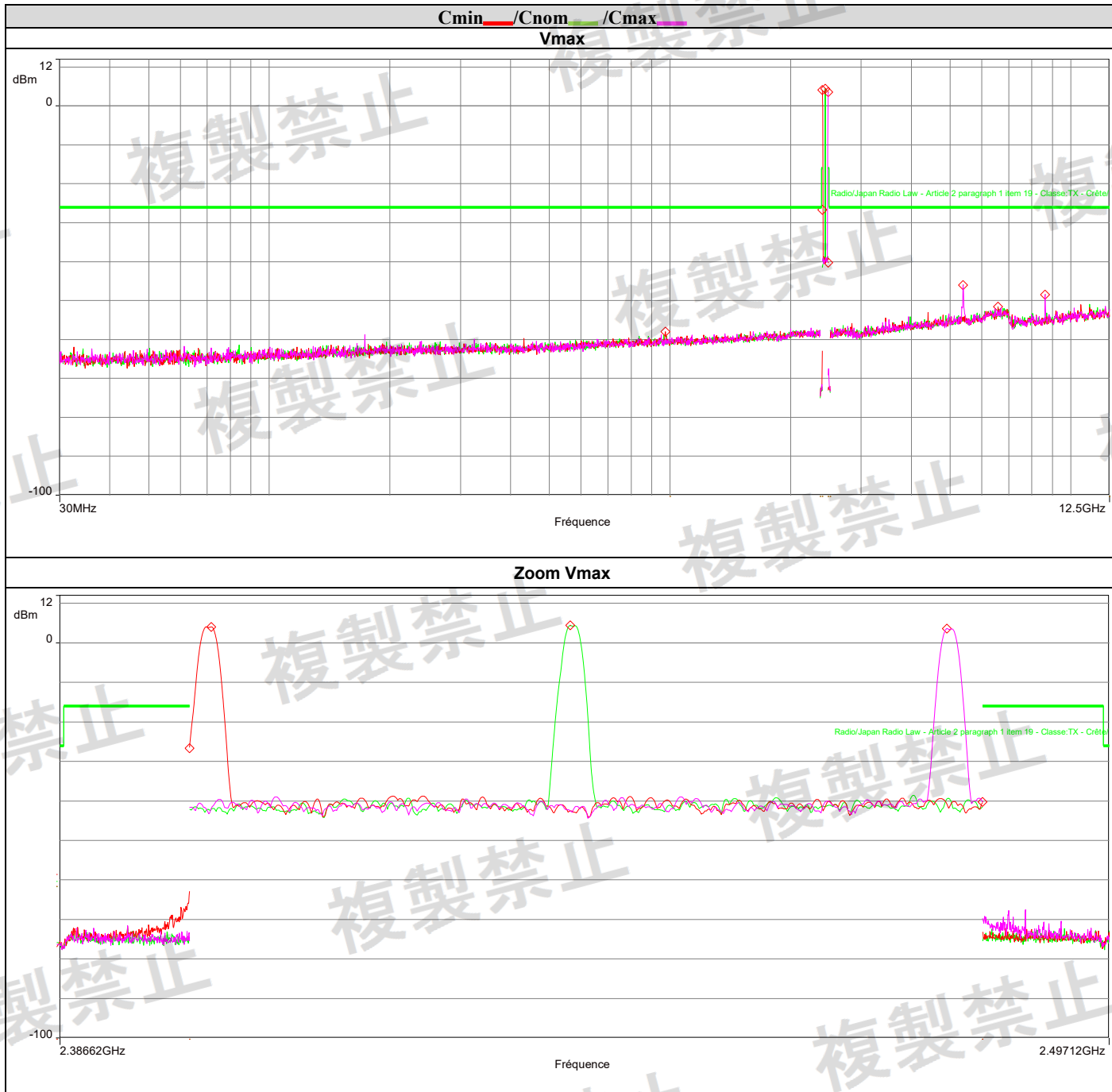


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| Vmin            |             |                |                |                                |
|-----------------|-------------|----------------|----------------|--------------------------------|
| Frequency (MHz) | Level (dBm) | Level (uW/MHz) | Limit (uW/MHz) | Level (uW/MHz)- Limit (uW/MHz) |
| 976.228         | -57.85      | 0.002          | 2.50           | -2.50                          |
| 2400.000        | -31.48      | 0.711          | 25             | -24.29                         |
| 2402.221        | 4.22        | 2642.409       |                |                                |
| 2439.729        | 3.57        | 2275.097       |                |                                |
| 2479.720        | 3.72        | 2355.049       |                |                                |
| 2483.500        | -41.17      | 0.076          | 25             | -24.92                         |
| 5393.757        | -47.09      | 0.020          | 2.50           | -2.48                          |
| 6392.807        | -51.38      | 0.007          | 2.50           | -2.493                         |

| Vmid            |             |            |                |                            |
|-----------------|-------------|------------|----------------|----------------------------|
| Frequency (MHz) | Level (dBm) | Level (uW) | Limit (uW/MHz) | Level (uW)- Limit (uW/MHz) |
| 682.166         | -58.61      | 0.001      | 2.50           | -2.50                      |
| 2400.000        | -31.32      | 0.738      | 25.00          | -24.26                     |
| 2402.221        | 4.01        | 2517.677   |                |                            |
| 2439.721        | 4.35        | 2722.701   |                |                            |
| 2479.726        | 3.55        | 2264.644   |                |                            |
| 2483.500        | -41.95      | 0.064      | 25.00          | -24.94                     |
| 5393.910        | -46.53      | 0.022      | 2.50           | -2.48                      |
| 5403.748        | -47         | 0.020      | 2.50           | -2.48                      |

| Vmax            |             |            |                |                            |
|-----------------|-------------|------------|----------------|----------------------------|
| Frequency (MHz) | Level (dBm) | Level (uW) | Limit (uW/MHz) | Level (uW)- Limit (uW/MHz) |
| 973.810         | -57.96      | 0.002      | 2.50           | -2.50                      |
| 2400.000        | -26.7       | 2.138      | 25.00          | -22.86                     |
| 2402.221        | 4.06        | 2546.830   |                |                            |
| 2439.729        | 4.39        | 2747.894   |                |                            |
| 2479.717        | 3.58        | 2280.342   |                |                            |
| 2483.500        | -40.26      | 0.094      | 25.00          | -24.91                     |
| 5387.763        | -45.99      | 0.025      | 2.50           | -2.47                      |
| 8637.672        | -48.47      | 0.014      | 2.50           | -2.49                      |

## 7.7. CONCLUSION

Spurious Emission Intensity measurement performed on the sample of the product. **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.

## 8. LIMIT ON SECONDARY RADIATED EMISSIONS

### 8.1. TEST CONDITIONS

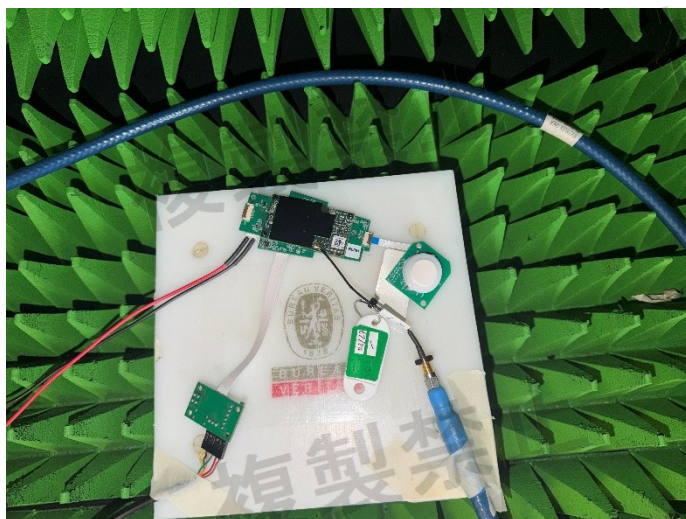
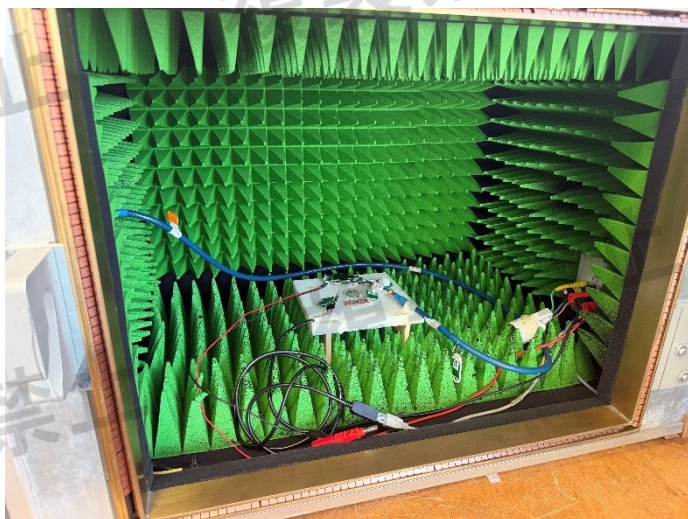
Test performed by : Majid MOURZAGH  
Date of test : May 21, 2026  
Ambient temperature : 24 °C  
Relative humidity : 40 %

### 8.2. TEST SETUP

#### Qualification of conducted measurements (30MHz to 12.75GHz):

The power level shall be recorded as the conducted spurious emission level.

The transmitter shall be connected to a 50  $\Omega$  power attenuator. The output of the power attenuator shall be connected to a measuring receiver.



Photograph for Limit On Secondary Radiated Emissions



### 8.3. LIMIT

| Limit On Secondary Radiated Emissions |            |
|---------------------------------------|------------|
| Frequencies                           | Limit      |
| 30MHz to 1GHz                         | 4nW/100kHz |
| 1GHz to 12.75GHz                      | 20nW/MHz   |

### 8.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED |              |         |            |          |         |             |                 |
|---------------------|--------------|---------|------------|----------|---------|-------------|-----------------|
| Description         | Manufacturer | Model   | Identifier | Cal_Date | Cal_Due | Cal. Method | Cal. Agent name |
| CABLE               | SUCOFLEX     | 18GHz   | A5329864   | 01/2025  | 05/2026 | d)          | A               |
| DC Power Supply     | RS PRO       | RS3005P | A7042314   | (*)      | (*)     | N/A         | N/A             |
| Full Anechoic Room  | SIEPEL       | —       | D3044024   | (*)      | (*)     | N/A         | N/A             |
| CABLE               | SUCOFLEX     | 18GHz   | A5329863   | 08/2025  | 08/2026 | d)          | A               |
| THERMO HYGROMETER   | TESTO        | 608-H2  | B4204121   | 05/2025  | 05/2027 | d)          | A               |
| CONTROL TOOLS       | FLUKE        | 289     | A1241119   | 05/2025  | 05/2027 | d)          | A               |

(\*) : The missing dates are for equipment that was not calibrated because it was not used for measurement.

N/A: Not applicable

#### Calibration Agent:

A: LCIE Bureau Veritas, France

B: R&S, Germany

C: Kiwa Dare, The Netherlands

D: Element Metech AB, Sweden

#### 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.

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

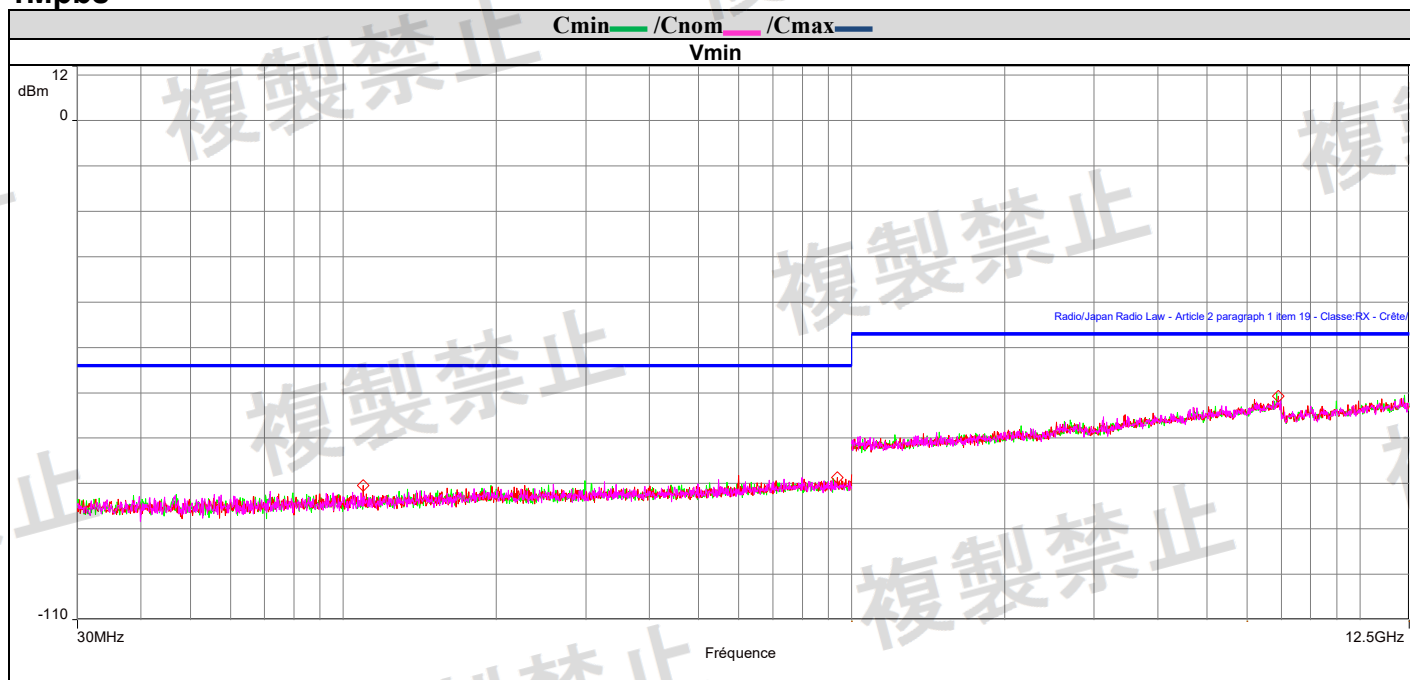
d) Calibration conducted by using other equipment that listed above from a) to c)

### 8.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

☒ None ☐ Divergence:

## 8.6. RESULTS

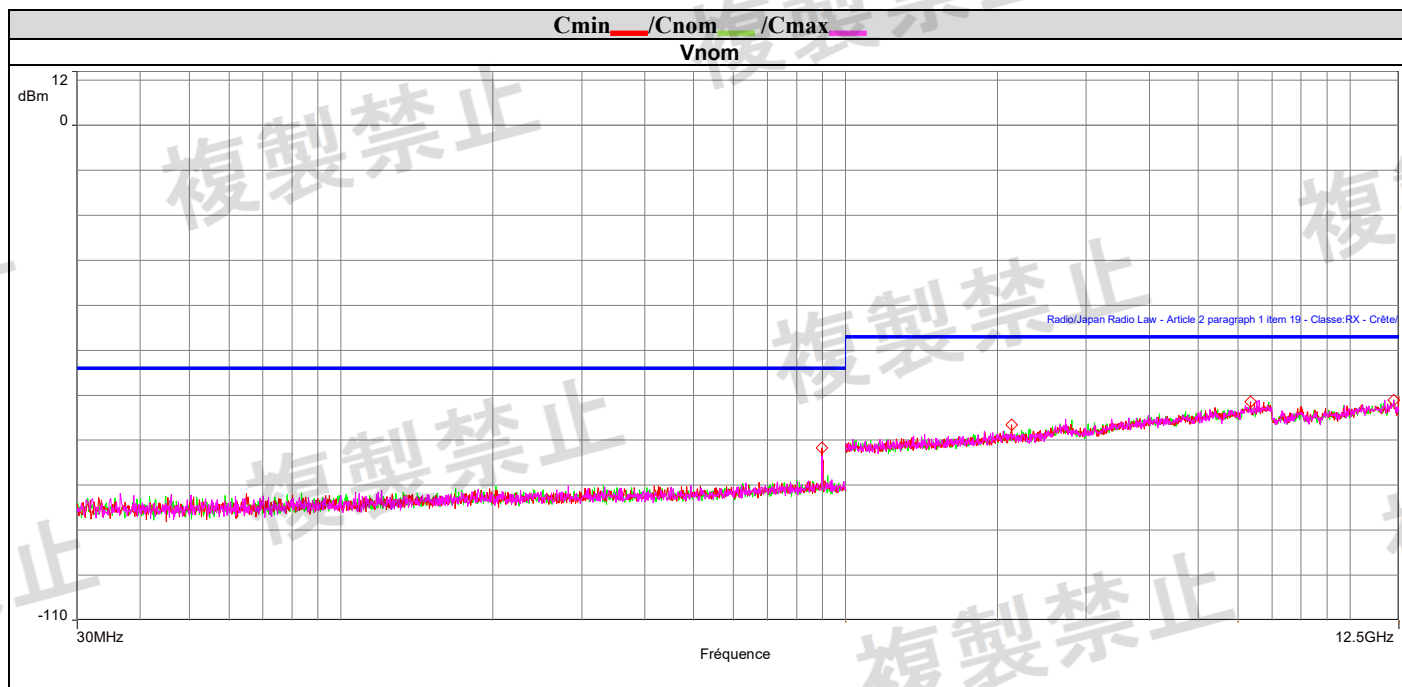
1Mbps



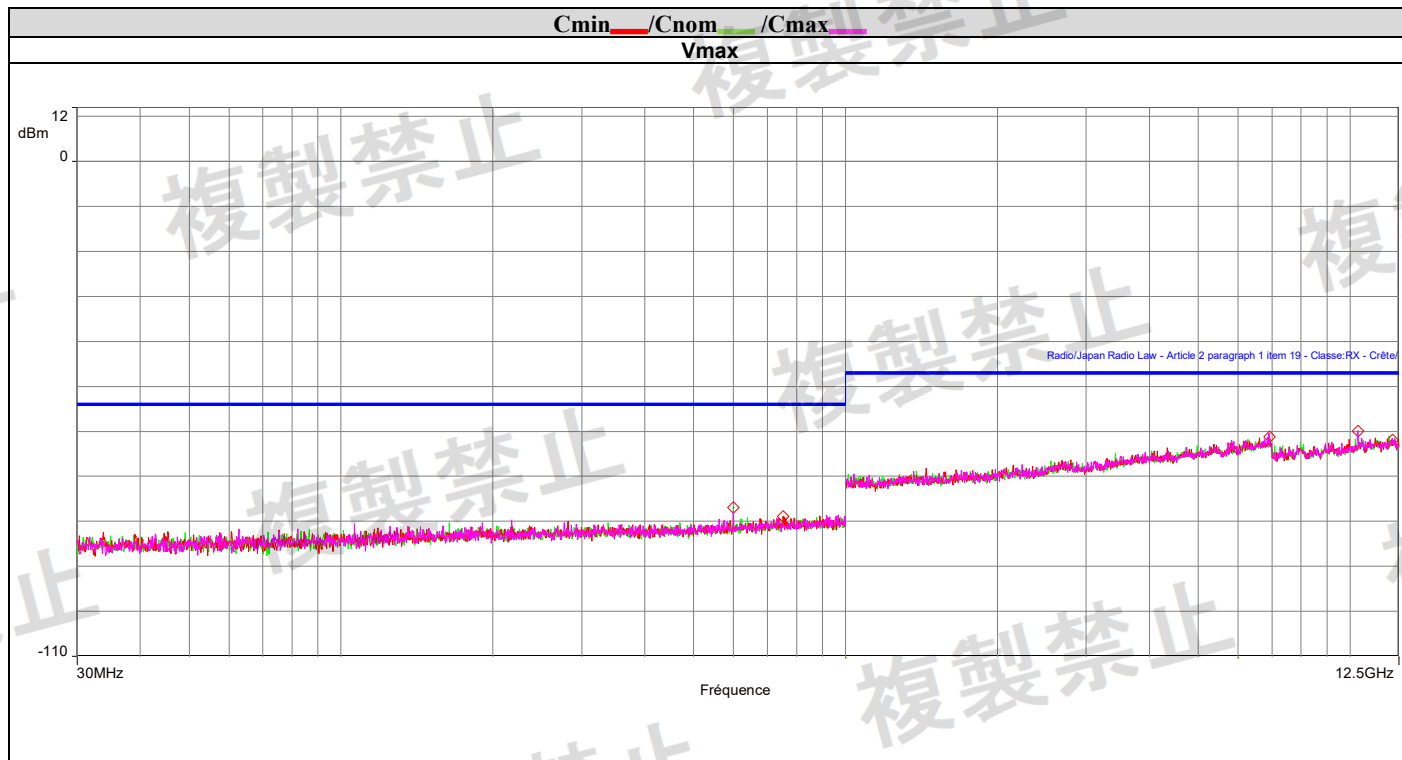
| Vmin            |             |            |            |                        |
|-----------------|-------------|------------|------------|------------------------|
| Frequency (MHz) | Level (dBm) | Level (nW) | Limit (nW) | Level (nW)- Limit (nW) |
| 109.540         | -80.4       | 0.009      | 4.00       | -3.99                  |
| 937.140         | -78.65      | 0.014      | 4.00       | -3.99                  |
| 6906.000        | -60.7       | 0.851      | 20.00      | -19.15                 |
| 12187.350       | -61.25      | 0.750      | 20.00      | -19.25                 |



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| Vmid            |             |            |            |                        |
|-----------------|-------------|------------|------------|------------------------|
| Frequency (MHz) | Level (dBm) | Level (nW) | Limit (nW) | Level (nW)- Limit (nW) |
| 898.635         | -71.69      | 0.068      | 4.00       | -3.93                  |
| 2135.500        | -66.52      | 0.223      | 20.00      | -19.78                 |
| 6359.500        | -61.45      | 0.716      | 20.00      | -19.28                 |
| 12193.200       | -61.12      | 0.773      | 20.00      | -19.23                 |



| Vmax            |             |            |            |                        |
|-----------------|-------------|------------|------------|------------------------|
| Frequency (MHz) | Level (dBm) | Level (nW) | Limit (nW) | Level (nW)- Limit (nW) |
| 599.970         | -76.99      | 0.020      | 4.00       | -3.98                  |
| 753.038         | -78.86      | 0.013      | 4.00       | -3.99                  |
| 6921.050        | -61.27      | 0.746      | 20.00      | -19.25                 |
| 10360.850       | -59.89      | 1.026      | 20.00      | -18.97                 |
| 12147.050       | -61.96      | 0.637      | 20.00      | -19.36                 |

## 8.7. CONCLUSION

Limit On Secondary Radiated Emissions measurement performed on the sample of the product **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the Japanese Radio Law for Article 2 paragraph 1 item 19 specified radio equipment category.

## 9. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

### 9.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
Date of test : May 21, 2026  
Ambient temperature : 24 °C  
Relative humidity : 40 %

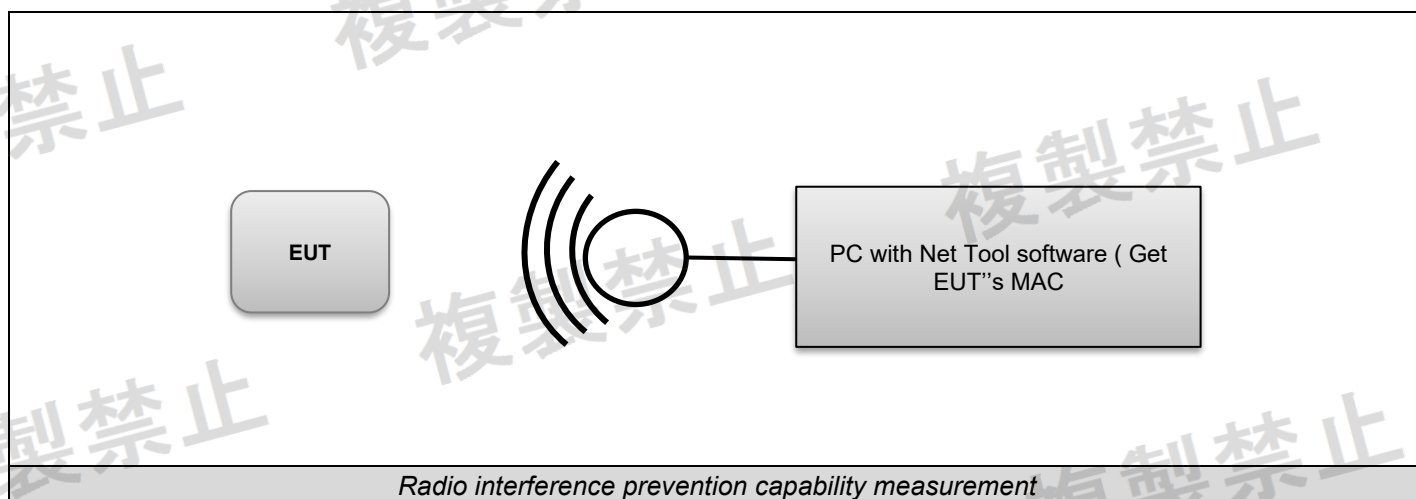
### 9.2. TEST SETUP

The Equipment Under Test is installed on a table.

Measurement is performed with a test fixture **and EUT was programmed to be in normal mode.**

Test method which surpass to Clause 23 of Annex No.43 of MIC Notification No.88.

1. In the case that the EUT has the function of automatically transmitting the identification code:
  - a. Transmit the predetermined identification codes form EUT.
  - b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code:
  - a. Transmit the predetermined identification codes form the counterpart.
  - b. Check if communication is normal.
  - c. Transmit the signals other than predetermined ID codes form the counterpart.
  - d. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.





### 9.3. LIMIT

Identification code shall  $\geq 48$  bits.

### 9.4. TEST EQUIPMENT LIST

| TEST EQUIPMENT USED |              |       |                  |
|---------------------|--------------|-------|------------------|
| Description         | Manufacturer | Model | Software used    |
| Laptop              | LENOVO       | L470  | Tera Term V4.105 |

### 9.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

None

### 9.6. RESULTS

Configuration: Normal mode

| identification code:                                                                                                                                                                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>C0:EE:40:AC:08:E2</b>                                                                                                                                                                                                    |  |
| <pre>hci0: Type: Primary Bus: UART       BD Address: C0:EE:40:AC:08:E2 ACL MTU: 1021:8       UP RUNNING       Name: 'BCM4335C0'       Manufacturer: Broadcom Corporation (15)       HCI Version: 4.0 LMP Version: 4.0</pre> |  |

### 9.7. CONCLUSION

Radio interference prevention capability measurement performed on the sample of the product **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the **Japanese Radio Law for Article 2 paragraph 1 item 19** limits.

## 10. CONSTRUCTION PROTECTION CONFIRMATION METHOD

### 10.1. TEST CONDITIONS

Test performed by : Majid MOURZAGH  
Date of test : May 21, 2026  
Ambient temperature : 24 °C  
Relative humidity : 40 %

### 10.2. TEST SETUP

The RF and modulation portions are protected against illegal modification as following method:

| No | Method                                                                                                                                                    |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Sealed with special screws.                                                                                                                               |
| 2  | Plastic chassis is being welded using ultrasonic waves.                                                                                                   |
| 3  | Chassis is glued using a special adhesive.                                                                                                                |
| 4  | Metal covers are spot-fused.                                                                                                                              |
| 5  | Cover is specially interlocked.                                                                                                                           |
| 6  | RF and Modulation components are covered with shielding case and this shielding case is soldered                                                          |
| 7  | Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.                                                              |
| 8  | Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.                                                |
| 9  | Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.                                            |
| 10 | RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed. |

### 10.3. LIMIT

(See Article 49-20, Item 1-a of the Ordinance Regulating Radio Equipment)

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

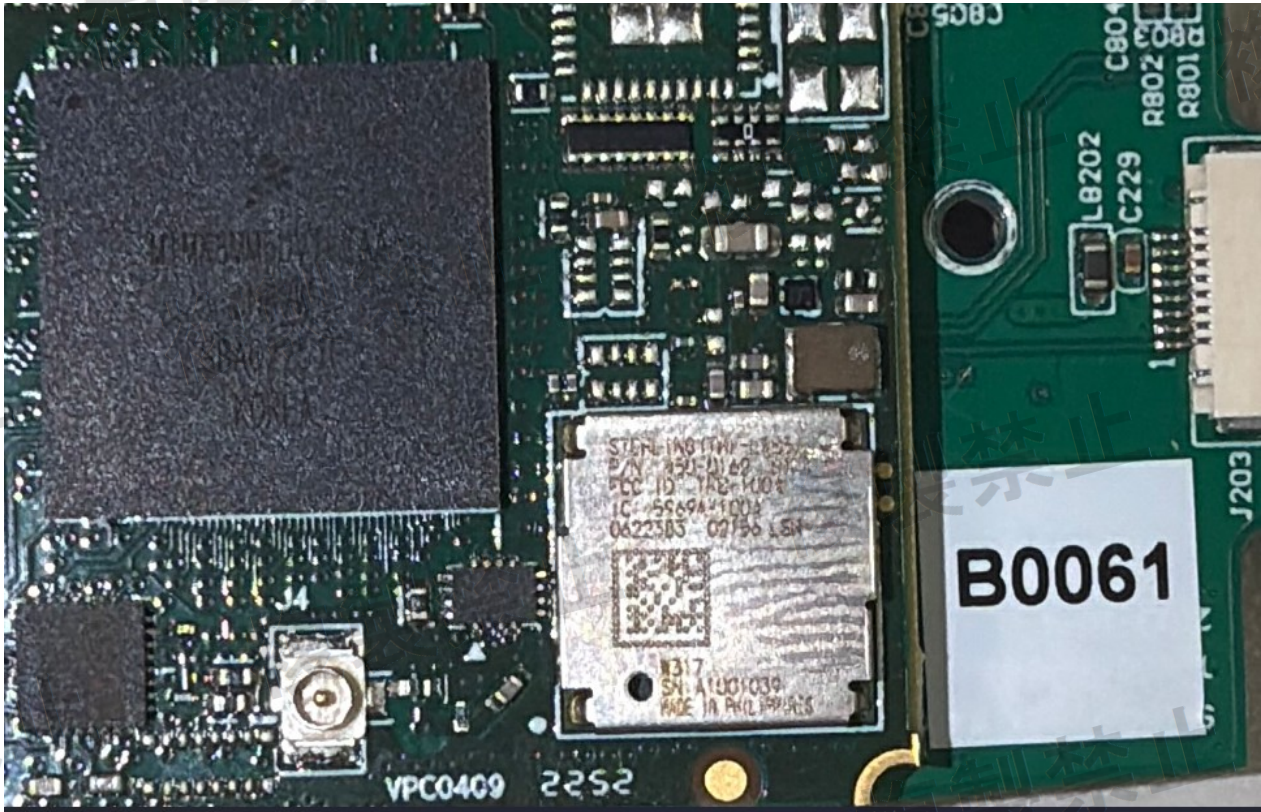
### 10.4. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

None



L C I E

## 10.5. RESULTS



Construction Protection Confirmation Method

| No | Method                                                                                                                                                    |                                     |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 10 | RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed. | <input checked="" type="checkbox"/> |

## 10.6. CONCLUSION

Construction protection confirmation method t performed on the sample of the product **SK-01**, SN: **None**, in configuration and description presented in this test report, show levels **compliant** to the **Japanese Radio Law for Article 2 paragraph 1 item 19** limits.



## 11. UNCERTAINTIES CHART

| Kind of test                       | Wide uncertainty laboratory<br>(k=2) $\pm x(\text{dB}) / (\text{Hz}) / \text{ms}$ | Uncertainty limit      |
|------------------------------------|-----------------------------------------------------------------------------------|------------------------|
| RF Output Power, Conducted         | $\pm 0.6 \text{ dB}$                                                              | $\pm 1.5 \text{ dB}$   |
| Power Spectral Density, Conducted  | $\pm 0.6 \text{ dB}$                                                              | $\pm 3 \text{ dB}$     |
| Unwanted Emissions, Conducted      | $\pm 0.6 \text{ dB}$                                                              | $\pm 3 \text{ dB}$     |
| All Emissions, Radiated below 1GHz | $\pm 3.9 \text{ dB}$                                                              | $\pm 6 \text{ dB}$     |
| All Emissions, Radiated above 1GHz | $\pm 3.1 \text{ dB}$                                                              | $\pm 6 \text{ dB}$     |
| Temperature                        | $\pm 0.5^\circ \text{C}$                                                          | $\pm 3^\circ \text{C}$ |

The uncertainty values calculated by the laboratory are lower than limit uncertainty values defined by the CISPR. The conformity of the sample is directly established by the applicable limits values. This table includes all uncertainties maximum feasible for testing in the laboratory, whether or not made in this report.