



# TEST REPORT



Report No. : KES-EM260050

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**KES Co., Ltd.**

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Tel : +82-31-425-6200, Fax : +82-31-341-3838

## 1. Client

- Name : JLU Co.,Ltd.
- Address : 410~412, Busan Knowledge Industry Center, 111, Hyoyeol-ro, Buk-gu, Busan, Republic of Korea

## 2. Sample Description

- Product item : Skin Care Device
- Model name : JLMC500B
- Variant model : -
- Manufacturer etc. : JLU Co.,Ltd.
- Manufacturer address : 410~412, Busan Knowledge Industry Center, 111, Hyoyeol-ro, Buk-gu, Busan, Republic of Korea

## 3. FCC ID

: 2BHHE-JLMC500B

## 4. Date of test

: 2026. 01. 14. ~ 2026. 01. 16.

## 5. Location of Test

- Permanent Testing Lab
- Address : 473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, 12658, Republic of Korea

## 6. Test method used

: FCC 47 CFR Part 15, Subpart B (ANSI C63.4a-2017)

## 7. Test result

: PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

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This test report is not related to KOLAS accreditation.

|             |                                       |                                        |
|-------------|---------------------------------------|----------------------------------------|
| Affirmation | Tested by                             | Technical Manager by                   |
|             | Name : DongYun Lee<br>[이동운]2026/01/30 | Name : DaeJung,Choi<br>[최대중]2026/01/30 |

2026. 01. 30.

**KES Co., Ltd.**

**REPORT REVISION HISTORY**

| Date          | Test Report No. | Revision History |
|---------------|-----------------|------------------|
| 2026. 01. 30. | KES-EM260050    | Issued           |

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**Use of uncertainty of measurement for decisions on conformity (decision rule):**

- ☒ No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty("simple acceptance" decision rule, previously known as "accuracy method").
- ☐ Other (to be specified, for example when required by the standard or client)



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## 1 Laboratory Information

### 1.1 Test Location

| Category         | Details                                                           |
|------------------|-------------------------------------------------------------------|
| Address          | 473-21, Gayeo-ro, Yeosu-si, Gyeonggi-do, 12658, Republic of Korea |
| Telephone Number | 031-883-5092                                                      |
| Facsimile Number | 031-883-5169                                                      |

The measurement facility is located at 473-21, Gayeo-ro, Yeosu-si, Gyeonggi-do, 12658, Korea, Republic of. The sites are constructed in conformance with the requirements of ANSI C63.4a-2017 and CISPR 16-1-4:2019

### 1.2 Laboratory Accreditations and Listings

| Country       | Agency  | Scope of Accreditation                                                                                                                  | Logo                                                                                                                           |
|---------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| KOREA         | RRA     | EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) | <br>KR0100                                 |
| International | KOLAS   | EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) | <br>KT489                                 |
| USA           | FCC     | 3 m & 10 m Semi-Anechoic Chamber Conducted test site to perform FCC Part 15/18 measurements.                                            | <br>KR0100                                |
| Canada        | ISED    | 3 m & 10 m Semi-Anechoic Chamber and Conducted test site                                                                                | <br>23298                                 |
| JAPAN         | VCCI    | EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site)                                                                          | <br>C-20136, T-20137,<br>R-20181, G-20176 |
| Europe        | TÜV SÜD | EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) | <br>CARAT 001633 0008                     |



## 2 Test Summary

### 2.1 Class and Voltage

| Test Class | Test Voltage    |
|------------|-----------------|
| Calss B    | AC 120 V, 60 Hz |

### 2.2 Summary of Test Results

| Regulation                               |                  |             |        |
|------------------------------------------|------------------|-------------|--------|
| 47 CFR Part 15, Subpart B                |                  |             |        |
| Test Item                                | Test Standard    | Test Result | Remark |
| Conducted Emissions at Mains Power Ports | ANSI C63.4a-2017 | PASS        | -      |
| Radiated Emissions(Below 1 GHz)          |                  | PASS        | -      |
| Radiated Emissions(Above 1 GHz)          |                  | PASS        | -      |
| * N/A: Not Applicable                    |                  |             |        |

### 2.3 Remarks when standards applied

N/A

### 2.4 Variant Model Differences

N/A

### 2.5 Device Modifications

N/A



### 3 General Product Description

| Division                         |                           | Specificity                                                                   |
|----------------------------------|---------------------------|-------------------------------------------------------------------------------|
| Internal maximum Clock frequency |                           | 32 MHz                                                                        |
| Power                            | Rated power supply        | Charging : DC 5 V, 2 A (USB power)<br>Operation : DC 7.4 V, 800 mAh (Battery) |
|                                  | Test Power                | AC 120 V, 60 Hz                                                               |
| I/O Ports                        | User port                 | USB Type-C 1 EA                                                               |
|                                  | Unused/Administrator Port | N/A                                                                           |
| function                         | Product features          | Skin Care Device                                                              |
|                                  | Wireless function         | Bluetooth                                                                     |
| Components                       |                           | Main body 1 EA , Charging cable 1 EA                                          |
| Others                           |                           | N/A                                                                           |



## 4 EUT Setup and Operation Mode

### 4.1 EUT Configuration

| Product Name     | Model Number | Serial Number | Manufacturer                           | Remarks                |
|------------------|--------------|---------------|----------------------------------------|------------------------|
| Skin Care Device | JLMC500B     | -             | JLU Co.,Ltd.                           | EUT                    |
| AC/DC Adaptor    | ETA-U90KWK   | -             | DONGGUAN DONGWON ELECTRONICS Co., Ltd. | KCC-REI-HAD-ETA-U90KWK |
| Smartphone       | SM-S901      |               | Samsung Electronics Co., Ltd.          | -                      |

### 4.2 System Configuration

| Product Name | Model Number   | Serial Number | Manufacturer                                  | Remarks       |
|--------------|----------------|---------------|-----------------------------------------------|---------------|
| Battery      | HY14500-800-2S | -             | ShenZhen Huayu New Energy Technology CO., LTD | YU10801-19001 |



### 4.3 External I/O Cabling

- Mode 1

| Start        |            | End           |            | Cable Spec. |        |
|--------------|------------|---------------|------------|-------------|--------|
| Product Name | I/O Port   | Product Name  | I/O Port   | Length(m)   | Shield |
| EUT          | USB Type-C | AC/DC Adaptor | USB Type-A | 1.0         | U      |

- Mode 2

| Start        |          | End          |          | Cable Spec. |        |
|--------------|----------|--------------|----------|-------------|--------|
| Product Name | I/O Port | Product Name | I/O Port | Length(m)   | Shield |
| EUT          | Wireless | Smartphone   | Wireless | -           | -      |

\* Unshielded=U, Shielded=S

### 4.4 EUT Operating Mode(s)

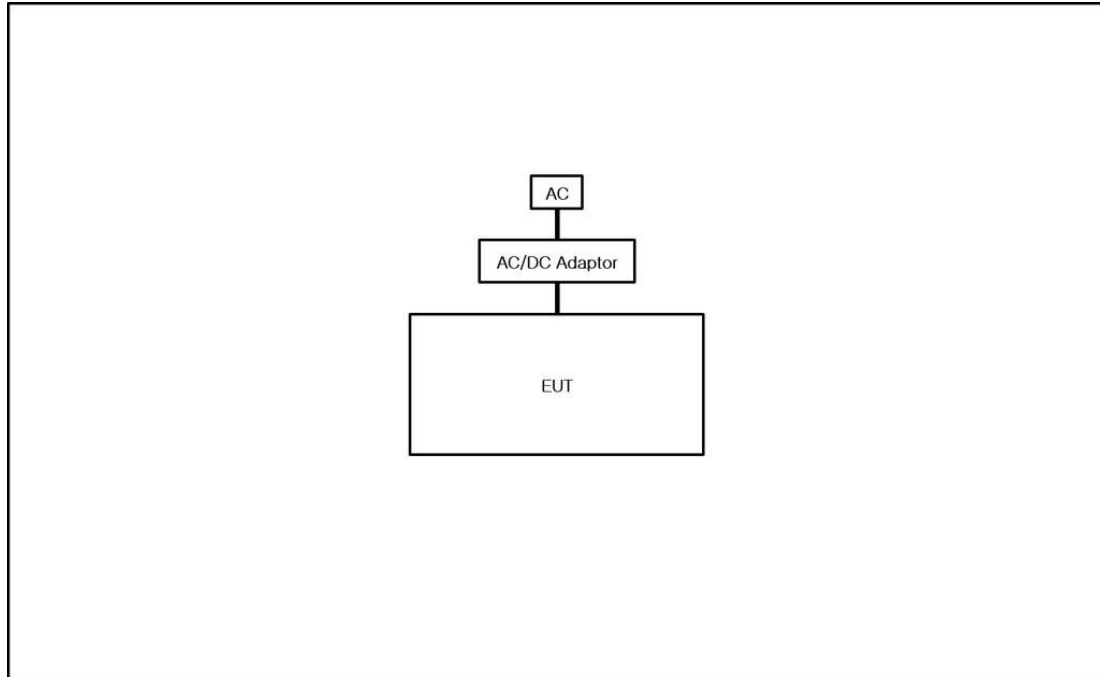
| Category | Mode      | Operating                                                                                                                                                         |
|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode 1   | Charging  | The test was conducted by checking the normal operation through the LED of the test equipment.                                                                    |
| Mode 2   | Operating | It was tested with maximum strength by pressing the button of the test equipment. After connecting to the smartphone, the wireless connection status was checked. |

### 4.5 Test operating S/W

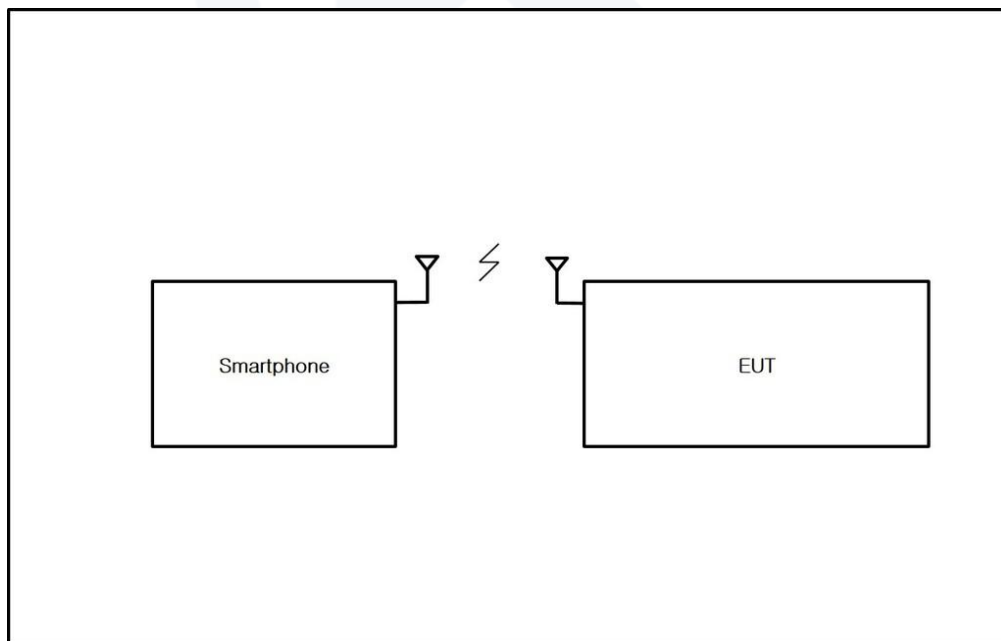
| Name | Version | Manufacture Company |
|------|---------|---------------------|
| -    | -       | -                   |



## 4.6 Configuration



Mode 1



EUT – Smartphone : Bluetooth

Mode 2



## 5 Measurement Procedure

### - Conducted Emissions

The conducted emission levels were measured on each current-carrying line with the spectrum analyzer operating in the CISPR quasi-peak mode (or peak mode if applicable). The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. If the conducted emission exceed the average limit with the instrument set to the quasi-peak mode, the measurements are made in the average mode. The emission spectrum was scanned from 150 kHz to 30 MHz. The highest emission amplitudes relative to the appropriate limits were measured and have been recorded. Quasi-peak readings are distinguished with a "QP".

### - Radiated Electric Field Emissions

The test was done at a SEMI ANECHOIC CHAMBER with quasi-peak detector. The final test data was measured using a Quasi-Peak detector below 1 GHz at 10 m or 3 m distance and a Peak and Average detector above 1 GHz at 3 m distance. Test was proceeded worst case test mode and cable configuration. Measurements were made with the antenna positioned in both the horizontal and vertical planes of polarization. The antenna height was varied from 1 m to 4 m and the EUT was rotated 360° to find the maximum emitting point for each frequency.

Measurement procedures was In accordance with ANSI C63.4 or CISPR 32.

## ◆ Calculation

### - Conducted Emissions

$\text{QuasiPeak[dBuV]} / \text{CAverage[dBuV]} = \text{Reading Value[dBuV]} + \text{Corr. [dB]}$

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

Corr. : Correction values (LISN FACTOR + (Cable Loss + Pulse Limiter FACTOR))

### - Radiated Emissions(Below 1 GHz)

$\text{Result(QP)} [\text{dB}(\mu\text{V/m})] = (\text{Reading(QP)}[\text{dB}(\mu\text{V})] + \text{c.f}[\text{dB}(1/\text{m})])$

$\text{Margin(QP)}[\text{dB}] = \text{Limit}[\text{dB}(\mu\text{V/m})] - \text{Result(QP)} [\text{dB}(\mu\text{V/m})]$

Reading(QP) : Reading value, Result(QP) : Reading value + Factor value

Limit(QP) : Limit value, c.f : (ANT Factor + Cable Loss - Preamp Factor), Margin: Margin value

### - Radiated Emissions(Above 1 GHz)

$\text{Result(PK/CAV)} [\text{dB}(\mu\text{V/m})] = (\text{Reading(PK/CAV)}[\text{dB}(\mu\text{V})] + \text{c.f}[\text{dB}(1/\text{m})])$

$\text{Margin(PK/CAV)}[\text{dB}] = \text{Limit}[\text{dB}(\mu\text{V/m})] - \text{Result(PK/CAV)} [\text{dB}(\mu\text{V/m})]$

Reading(PK/CAV) : Reading value, Result(PK/CAV) : Reading value + Factor value

Limit(PK/CAV) : Limit value, c.f : (ANT Factor + Cable Loss - Preamp Factor), Margin: Margin value



## 6 Test Item

### 6.1 Conducted Emissions at Mains Power Ports

#### 6.1.1 Test Equipment

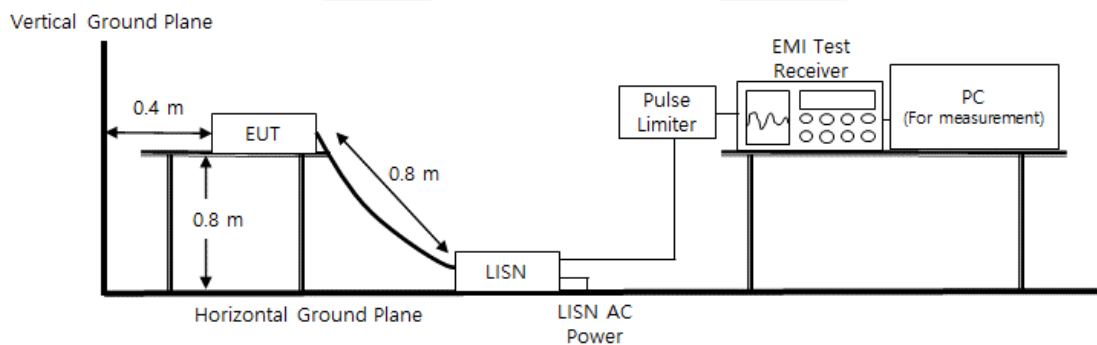
| Equipment Name             | Model Number | Manufacturer    | Serial No. | Cal. Date  | Next Cal. Date | Used |
|----------------------------|--------------|-----------------|------------|------------|----------------|------|
| SHIELD ROOM #6             | -            | DYMSTEC         | -          | -          | -              | ■    |
| EMC32 Measurement Software | EMC32        | R&S             | 9.12.00    | -          | -              | ■    |
| EMI TEST RECEIVER          | ESR3         | Rohde & Schwarz | 101783     | 2025-11-03 | 2026-11-03     | ■    |
| LISN                       | ENV216       | Rohde & Schwarz | 101787     | 2025-09-04 | 2026-09-04     | ■    |
| PULSE LIMITER              | ESH3-Z2      | Rohde & Schwarz | 101915     | 2025-11-03 | 2026-11-03     | ■    |
| Cable                      | RG 400       | -               | -          | 2025-08-15 | 2026-02-15     | ■    |

#### 6.1.2 Test Location : SHIELD ROOM #6

#### 6.1.3 Test Conditions :

| Temperature      | Relative Humidity    |
|------------------|----------------------|
| (21.8 ~ 21.8) °C | (35.6 ~ 35.6) % R.H. |

#### 6.1.4 Diagram of test setup



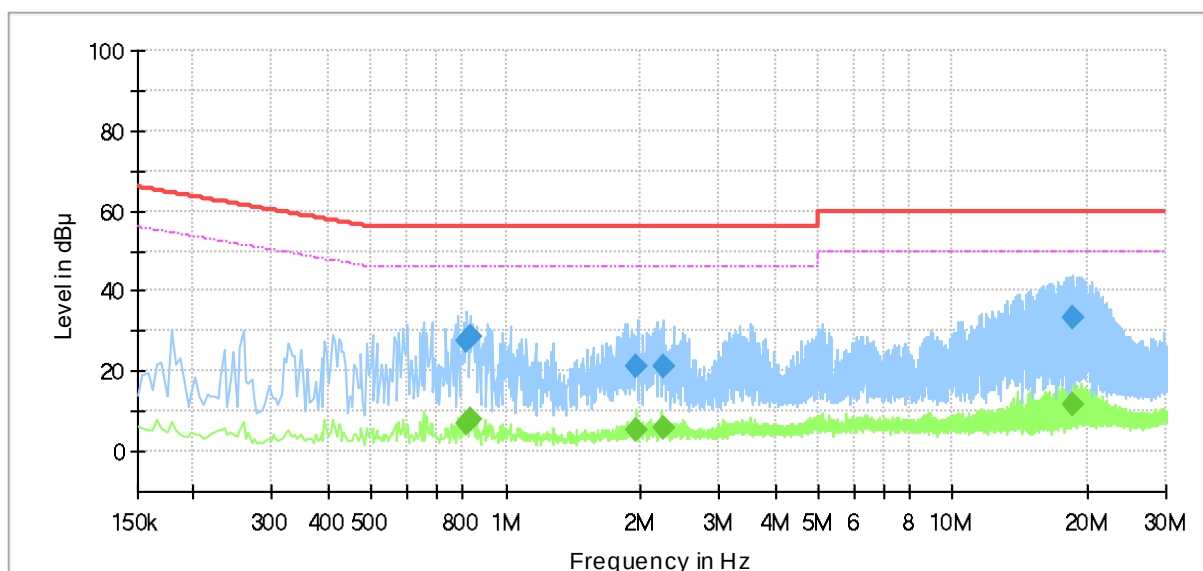


### 6.1.5 Test Result

- Test Date : 2026-01-14
- Test Mode : Mode 1

## Test Report

Test Description: Conducted Emission  
Job No.: KES-EM260050  
Phase: L  
Mode: Mode 1  
Operator Name: KES



### Final\_Result

| Frequency (MHz) | QuasiPeak (dBμV) | CAverage (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.818000        | —                | 6.87            | 46.00        | 39.13       | 1000.0          | 9.000           | L1   | 19.7       |
| 0.818000        | 27.29            | —               | 56.00        | 28.71       | 1000.0          | 9.000           | L1   | 19.7       |
| 0.830000        | —                | 8.01            | 46.00        | 37.99       | 1000.0          | 9.000           | L1   | 19.7       |
| 0.830000        | 28.80            | —               | 56.00        | 27.20       | 1000.0          | 9.000           | L1   | 19.7       |
| 1.962000        | —                | 5.30            | 46.00        | 40.70       | 1000.0          | 9.000           | L1   | 19.8       |
| 1.962000        | 21.15            | —               | 56.00        | 34.85       | 1000.0          | 9.000           | L1   | 19.8       |
| 2.242000        | —                | 5.61            | 46.00        | 40.39       | 1000.0          | 9.000           | L1   | 19.8       |
| 2.242000        | 21.37            | —               | 56.00        | 34.63       | 1000.0          | 9.000           | L1   | 19.8       |
| 18.530000       | —                | 11.70           | 50.00        | 38.30       | 1000.0          | 9.000           | L1   | 20.9       |
| 18.530000       | 33.41            | —               | 60.00        | 26.59       | 1000.0          | 9.000           | L1   | 20.9       |



Report No. : KES-EM260050

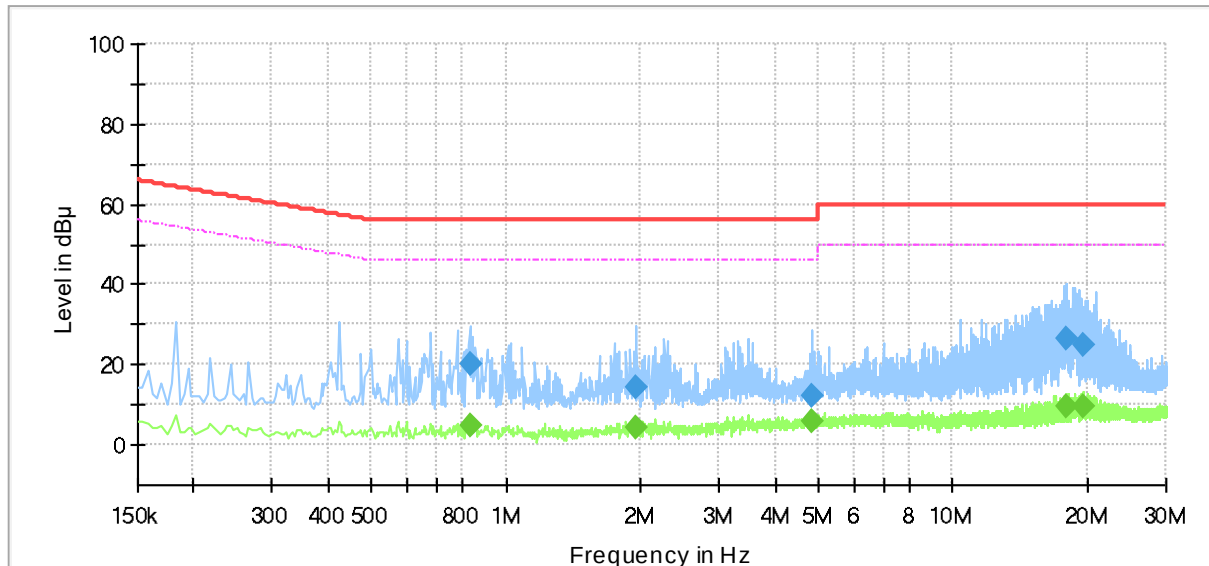
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○ Test Date : 2026-01-14

● Test Mode : Mode 1

## Test Report

Test Description: Conducted Emission  
Job No.: KES-EM260050  
Phase: N  
Mode: Mode 1  
Operator Name: KES



### Final\_Result

| Frequency (MHz) | QuasiPeak (dBμV) | CAverage (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|-----------------|-----------------|------|------------|
| 0.830000        | —                | 4.95            | 46.00        | 41.05       | 1000.0          | 9.000           | N    | 19.7       |
| 0.830000        | 20.27            | —               | 56.00        | 35.73       | 1000.0          | 9.000           | N    | 19.7       |
| 1.958000        | —                | 4.03            | 46.00        | 41.97       | 1000.0          | 9.000           | N    | 19.8       |
| 1.958000        | 14.07            | —               | 56.00        | 41.93       | 1000.0          | 9.000           | N    | 19.8       |
| 4.850000        | —                | 5.95            | 46.00        | 40.05       | 1000.0          | 9.000           | N    | 20.1       |
| 4.850000        | 11.96            | —               | 56.00        | 44.04       | 1000.0          | 9.000           | N    | 20.1       |
| 17.946000       | —                | 9.39            | 50.00        | 40.61       | 1000.0          | 9.000           | N    | 20.9       |
| 17.946000       | 26.25            | —               | 60.00        | 33.75       | 1000.0          | 9.000           | N    | 20.9       |
| 19.514000       | —                | 9.37            | 50.00        | 40.63       | 1000.0          | 9.000           | N    | 21.0       |
| 19.514000       | 25.16            | —               | 60.00        | 34.84       | 1000.0          | 9.000           | N    | 21.0       |

#### 6.1.6 Remark

Complies with the test requirements.



## 6.2 Radiated Emissions(Below 1 GHz)

### 6.2.1 Test Equipment

| Equipment Name           | Model Number            | Manufacturer      | Serial No.  | Cal. Date  | Next Cal. Date | Used |
|--------------------------|-------------------------|-------------------|-------------|------------|----------------|------|
| SEMI ANECHOIC CHAMBER #6 | -                       | SY Corporation    | -           | -          | -              | ■    |
| ES10/RE Software         | ES10/RE                 | TOYO              | 2022.01.000 | -          | -              | ■    |
| EMI TEST RECEIVER        | ESU26                   | Rohde & Schwarz   | 100517      | 2025-07-08 | 2026-07-08     | ■    |
| AMPLIFIER                | 310N                    | SONOMA INSTRUMENT | 401123      | 2025-02-13 | 2026-02-13     | ■    |
| TRILOG-BROADBAND ANTENNA | VULB9163                | Schwarzbeck       | 714         | 2024-04-19 | 2026-04-19     | ■    |
| ATTENUATOR               | 6806.17.A               | HUBER+SUHNER      | -           | 2025-02-13 | 2026-02-13     | ■    |
| Cable                    | TCLH21D-SMSM-2.5M 0222  | OSI Cable         | -           | 2025-08-15 | 2026-02-15     | ■    |
| Cable                    | TCLH21D-NMNM-10.0M 0222 | OSI Cable         | -           | 2025-08-15 | 2026-02-15     | ■    |
| Cable                    | TCLH21D-SMSM-7.0M 0222  | OSI Cable         | -           | 2025-08-15 | 2026-02-15     | ■    |

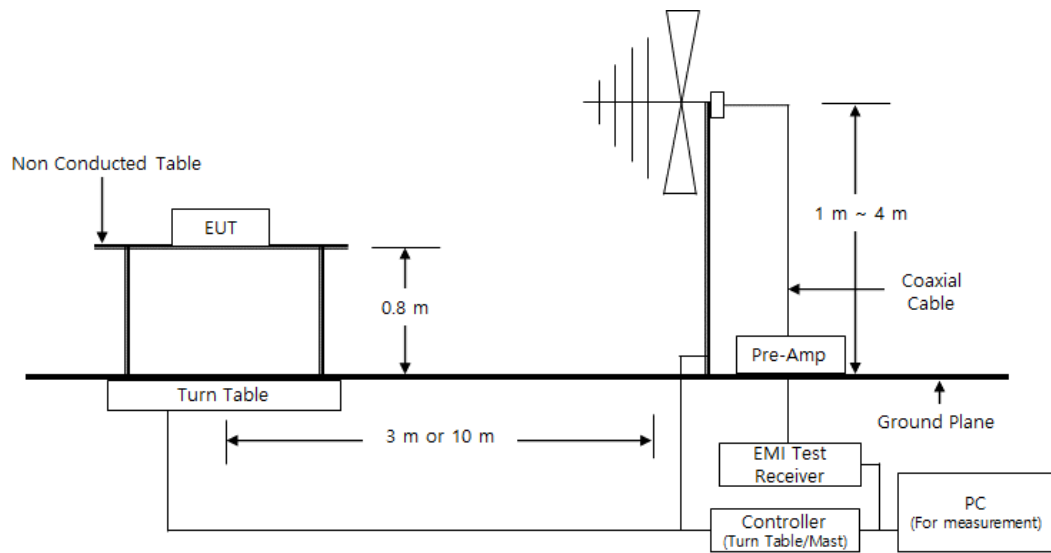
6.2.2 Test Location : SEMI ANECHOIC CHAMBER #6 Measurement Distance : ■ 3 m, □ 10 m

### 6.2.3 Test Conditions :

| Temperature      | Relative Humidity    |
|------------------|----------------------|
| (22.2 ~ 22.6) °C | (33.4 ~ 33.8) % R.H. |



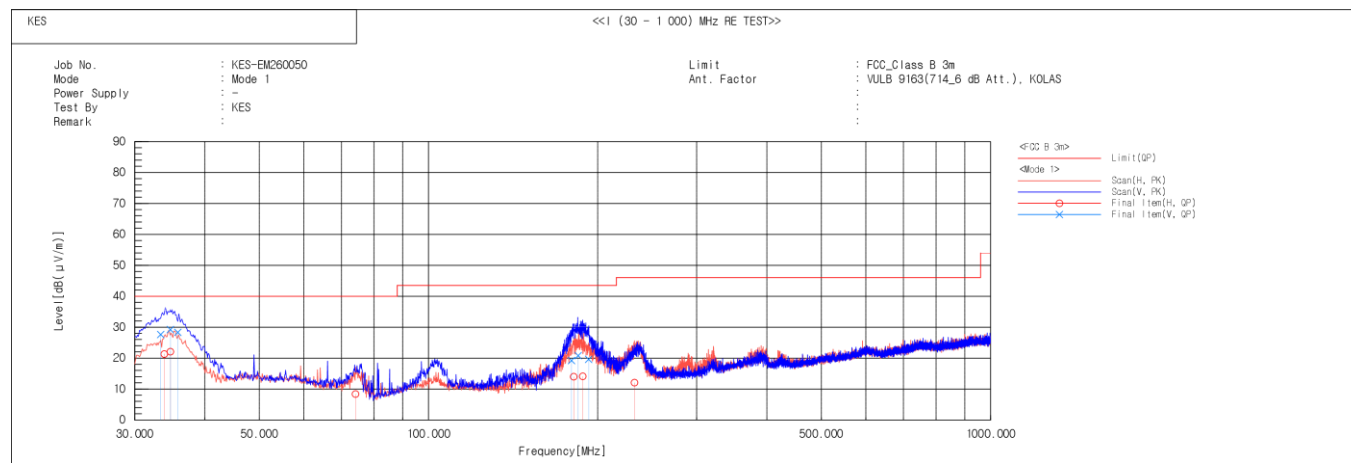
#### 6.2.4 Diafram of test setup





## 6.2.5 Test Result

- Test Date : 2026-01-16
- Test Mode : Mode 1



### Final Result

| No. | Frequency [MHz] | Pol | Reading QP [dB(μV)] | c.f [dB(1/m)] | Result QP [dB(μV/m)] | Limit QP [dB(μV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] | Remark |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|--------|
| 1   | 33.395          | V   | 43.3                | -15.7         | 27.6                 | 40.0                | 12.4           | 107.0       | 121.5       |        |
| 2   | 33.880          | H   | 36.9                | -15.6         | 21.3                 | 40.0                | 18.7           | 110.0       | 0.0         |        |
| 3   | 34.727          | V   | 44.6                | -15.4         | 29.2                 | 40.0                | 10.8           | 105.0       | 77.1        |        |
| 4   | 34.729          | H   | 37.5                | -15.4         | 22.1                 | 40.0                | 17.9           | 122.0       | 18.1        |        |
| 5   | 35.820          | V   | 43.5                | -15.2         | 28.3                 | 40.0                | 11.7           | 101.0       | 30.0        |        |
| 6   | 74.135          | H   | 26.0                | -17.6         | 8.4                  | 40.0                | 31.6           | 107.0       | 41.2        |        |
| 7   | 179.623         | V   | 34.2                | -15.0         | 19.2                 | 43.5                | 24.3           | 111.0       | 279.0       |        |
| 8   | 181.320         | H   | 28.9                | -14.9         | 14.0                 | 43.5                | 29.5           | 218.0       | 330.2       |        |
| 9   | 184.715         | V   | 35.4                | -14.6         | 20.8                 | 43.5                | 22.7           | 156.0       | 54.9        |        |
| 10  | 188.110         | H   | 28.5                | -14.4         | 14.1                 | 43.5                | 29.4           | 202.0       | 263.2       |        |
| 11  | 192.718         | V   | 33.6                | -14.0         | 19.6                 | 43.5                | 23.9           | 155.0       | 232.5       |        |
| 12  | 232.609         | H   | 24.5                | -12.4         | 12.1                 | 46.0                | 33.9           | 116.0       | 305.1       |        |

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

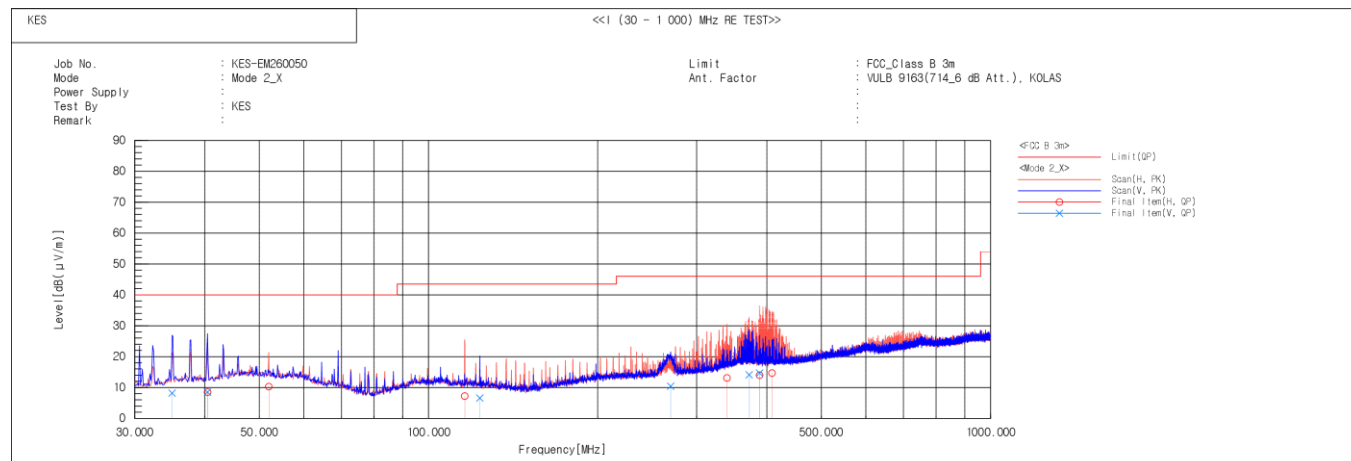


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○ Test Date : 2026-01-16

● Test Mode : Mode 2\_X



#### Final Result

| No. | Frequency [MHz] | Pol | Reading QP [dB(μV)] | c.f [dB(1/m)] | Result QP [dB(μV/m)] | Limit QP [dB(μV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] | Remark |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|--------|
| 1   | 34.971          | V   | 23.6                | -15.4         | 8.2                  | 40.0                | 31.8           | 106.0       | 109.2       |        |
| 2   | 40.428          | V   | 22.7                | -14.2         | 8.5                  | 40.0                | 31.5           | 115.0       | 262.6       |        |
| 3   | 40.428          | H   | 22.7                | -14.2         | 8.5                  | 40.0                | 31.5           | 205.0       | 100.1       |        |
| 4   | 51.946          | H   | 23.1                | -12.8         | 10.3                 | 40.0                | 29.7           | 202.0       | 0.0         |        |
| 5   | 115.966         | H   | 22.5                | -15.3         | 7.2                  | 43.5                | 36.3           | 107.0       | 2.4         |        |
| 6   | 123.363         | V   | 22.4                | -15.8         | 6.6                  | 43.5                | 36.9           | 108.0       | 283.2       |        |
| 7   | 269.711         | V   | 21.8                | -11.4         | 10.4                 | 46.0                | 35.6           | 153.0       | 165.4       |        |
| 8   | 339.794         | H   | 22.0                | -8.9          | 13.1                 | 46.0                | 32.9           | 105.0       | 0.0         |        |
| 9   | 372.168         | V   | 22.4                | -8.3          | 14.1                 | 46.0                | 31.9           | 101.0       | 262.6       |        |
| 10  | 388.415         | V   | 22.8                | -8.1          | 14.7                 | 46.0                | 31.3           | 150.2       | 254.5       |        |
| 11  | 388.415         | H   | 22.1                | -8.1          | 14.0                 | 46.0                | 32.0           | 110.0       | 234.5       |        |
| 12  | 408.664         | H   | 22.5                | -7.8          | 14.7                 | 46.0                | 31.3           | 113.0       | 36.0        |        |

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

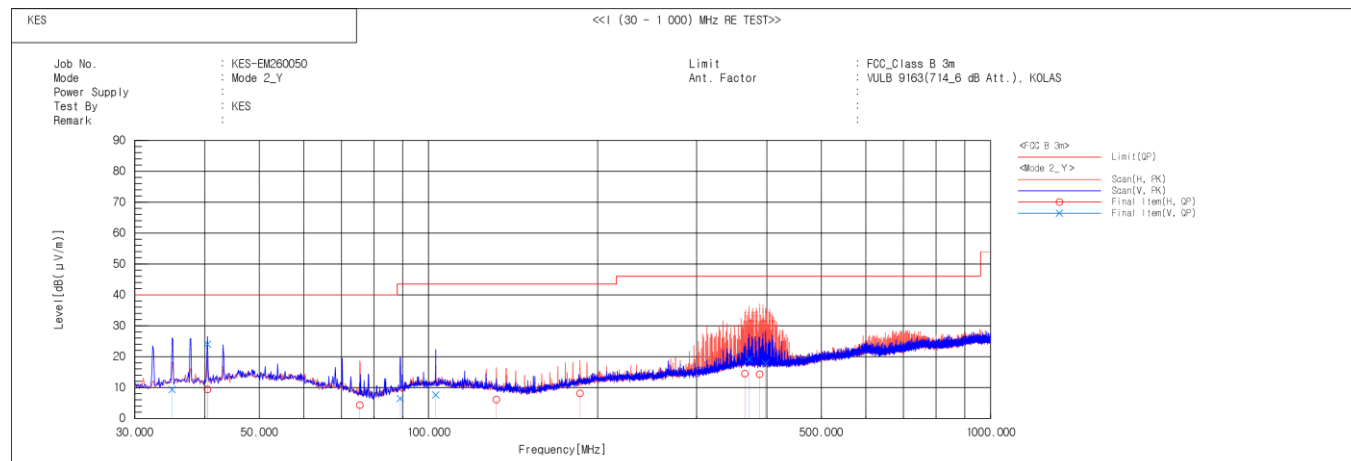


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○ Test Date : 2026-01-16

● Test Mode : Mode 2\_Y



#### Final Result

| No. | Frequency [MHz] | Pol | Reading QP [dB(μV)] | c.f [dB(1/m)] | Result QP [dB(μV/m)] | Limit QP [dB(μV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] | Remark |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|--------|
| 1   | 34.971          | V   | 24.7                | -15.4         | 9.3                  | 40.0                | 30.7           | 154.0       | 36.1        |        |
| 2   | 40.428          | V   | 38.2                | -14.2         | 24.0                 | 40.0                | 16.0           | 110.0       | 76.2        |        |
| 3   | 40.428          | H   | 23.6                | -14.2         | 9.4                  | 40.0                | 30.6           | 202.0       | 283.1       |        |
| 4   | 75.469          | H   | 22.2                | -17.9         | 4.3                  | 40.0                | 35.7           | 106.0       | 324.1       |        |
| 5   | 89.049          | V   | 22.6                | -16.2         | 6.4                  | 43.5                | 37.1           | 103.0       | 252.4       |        |
| 6   | 102.993         | V   | 22.1                | -14.5         | 7.6                  | 43.5                | 35.9           | 158.0       | 0.0         |        |
| 7   | 132.093         | H   | 22.4                | -16.3         | 6.1                  | 43.5                | 37.4           | 118.0       | 58.5        |        |
| 8   | 186.049         | H   | 22.6                | -14.5         | 8.1                  | 43.5                | 35.4           | 103.0       | 330.3       |        |
| 9   | 365.499         | H   | 22.8                | -8.3          | 14.5                 | 46.0                | 31.5           | 105.0       | 36.4        |        |
| 10  | 372.168         | V   | 27.5                | -8.3          | 19.2                 | 46.0                | 26.8           | 104.0       | 185.9       |        |
| 11  | 388.415         | H   | 22.4                | -8.1          | 14.3                 | 46.0                | 31.7           | 110.0       | 103.6       |        |
| 12  | 397.751         | V   | 25.8                | -8.0          | 17.8                 | 46.0                | 28.2           | 117.0       | 36.1        |        |

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

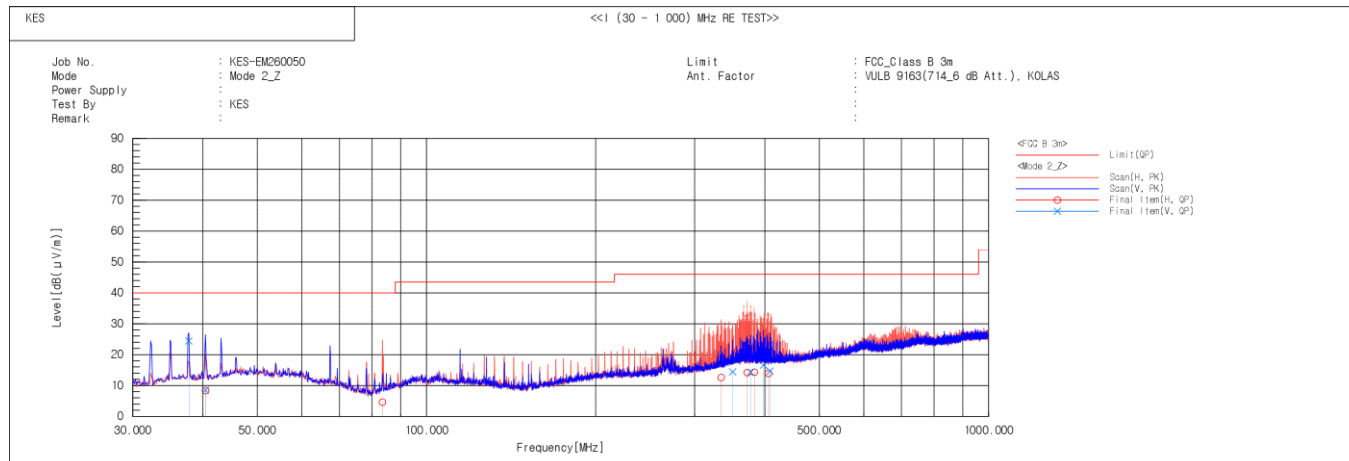


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○ Test Date : 2026-01-16

● Test Mode : Mode 2\_Z



#### Final Result

| No. | Frequency [MHz] | Pol | Reading QP [dB(μV)] | c.f [dB(1/m)] | Result QP [dB(μV/m)] | Limit QP [dB(μV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] | Remark |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|--------|
| 1   | 37.760          | V   | 39.2                | -14.8         | 24.4                 | 40.0                | 15.6           | 105.0       | 164.9       |        |
| 2   | 40.428          | H   | 22.6                | -14.2         | 8.4                  | 40.0                | 31.6           | 219.0       | 0.0         |        |
| 3   | 40.428          | V   | 22.7                | -14.2         | 8.5                  | 40.0                | 31.5           | 110.0       | 346.8       |        |
| 4   | 83.471          | H   | 22.5                | -17.9         | 4.6                  | 40.0                | 35.4           | 211.0       | 210.5       |        |
| 5   | 334.459         | H   | 21.8                | -9.2          | 12.6                 | 46.0                | 33.4           | 106.0       | 305.6       |        |
| 6   | 350.585         | V   | 22.9                | -8.5          | 14.4                 | 46.0                | 31.6           | 102.0       | 121.4       |        |
| 7   | 372.168         | H   | 22.5                | -8.3          | 14.2                 | 46.0                | 31.8           | 115.0       | 125.2       |        |
| 8   | 377.503         | V   | 22.5                | -8.2          | 14.3                 | 46.0                | 31.7           | 161.0       | 150.2       |        |
| 9   | 382.959         | H   | 22.4                | -8.1          | 14.3                 | 46.0                | 31.7           | 109.0       | 125.2       |        |
| 10  | 397.751         | V   | 24.6                | -8.0          | 16.6                 | 46.0                | 29.4           | 104.0       | 323.4       |        |
| 11  | 405.875         | H   | 21.8                | -7.9          | 13.9                 | 46.0                | 32.1           | 103.0       | 238.0       |        |
| 12  | 408.664         | V   | 22.5                | -7.8          | 14.7                 | 46.0                | 31.3           | 108.0       | 74.5        |        |

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

#### 6.2.6 Remark

Complies with the test requirements.

Mode 2 : The fundamental of the EUT was investigated in thre orthogonal orientations X, Y and Z.



### 6.3 Radiated Emissions(Above 1 GHz)

#### 6.3.1 Test Equipment

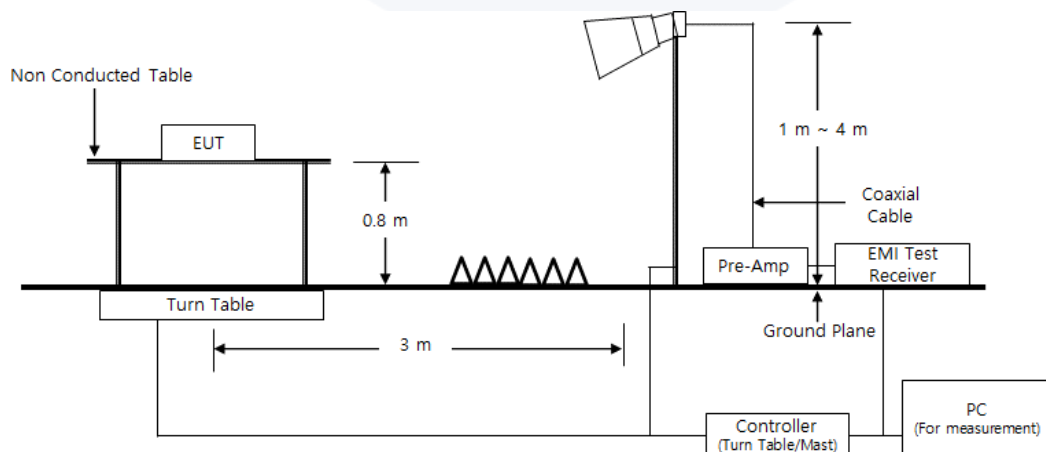
| Equipment Name           | Model Number   | Manufacturer    | Serial No.  | Cal. Date  | Next Cal. Date | Used |
|--------------------------|----------------|-----------------|-------------|------------|----------------|------|
| SEMI ANECHOIC CHAMBER #5 | -              | SY Corporation  | -           | -          | -              | ■    |
| ES10/RE Software         | ES10/RE        | TOYO            | 2022.01.000 | -          | -              | ■    |
| EMI TEST RECEIVER        | ESU26          | Rohde & Schwarz | 100552      | 2025-02-13 | 2026-02-13     | ■    |
| PREAMPLIFIER             | 8449B          | HP              | 3008A00538  | 2025-04-30 | 2026-04-30     | ■    |
| ATTENUATOR               | 8491B          | HP              | 23094       | 2025-02-13 | 2026-02-13     | ■    |
| HORN ANTENNA             | BBHA 9120D     | SCHWARZBEC K    | 9120D-1802  | 2025-11-05 | 2026-11-05     | ■    |
| Cable                    | SUCOFLEX106    | HUBER_SUHNE R   | -           | 2025-08-15 | 2026-02-15     | ■    |
| Cable                    | LH21D/2Xsma(m) | OSI Cable       | -           | 2025-08-15 | 2026-02-15     | ■    |
| Cable                    | SUCOFLEX106    | HUBER_SUHNE R   | -           | 2025-08-15 | 2026-02-15     | ■    |

#### 6.3.2 Test Location : SEMI ANECHOIC CHAMBER #5

#### 6.3.3 Test Conditions :

| Temperature      | Relative Humidity    |
|------------------|----------------------|
| (20.5 ~ 20.9) °C | (30.1 ~ 30.5) % R.H. |

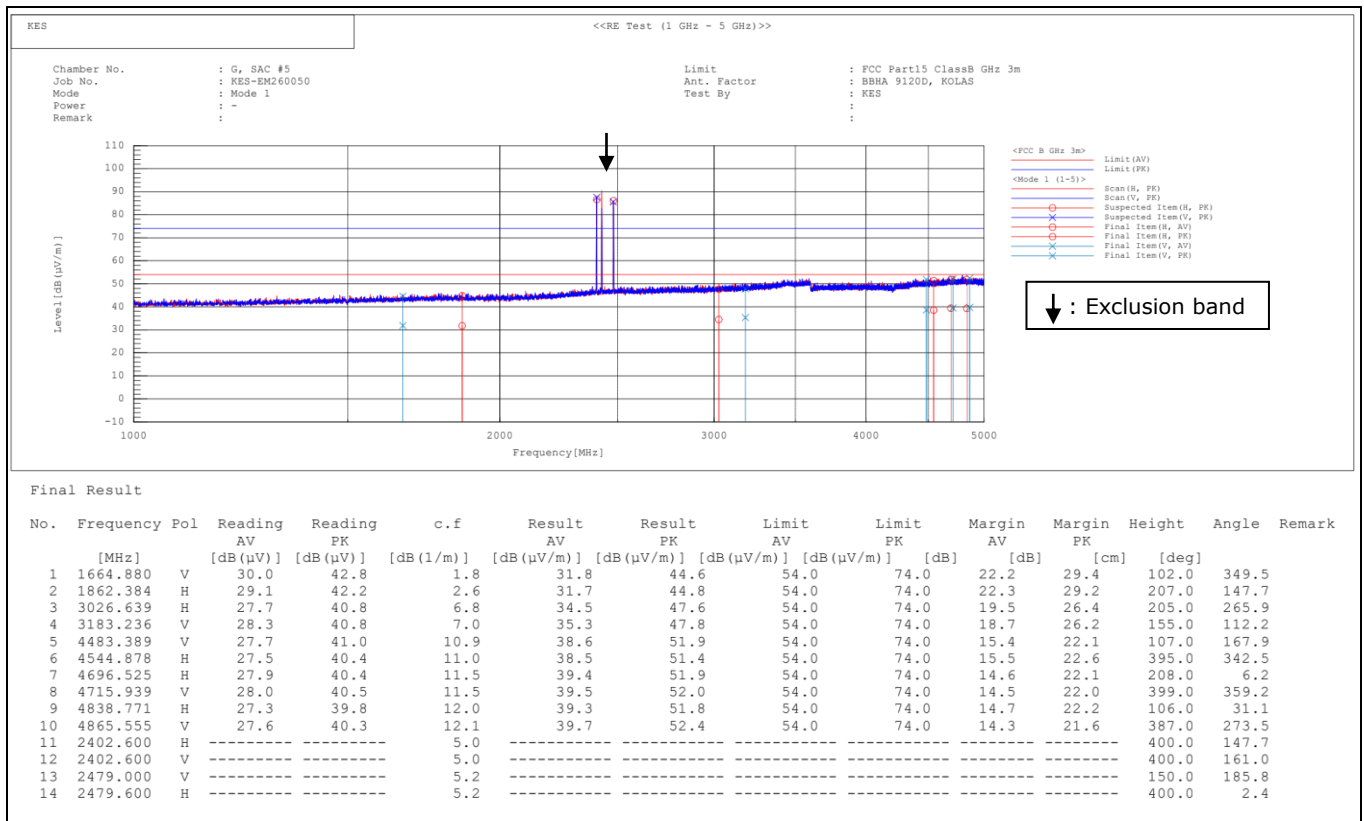
#### 6.3.4 Diagram of test setup





### 6.3.5 Test Result

- Test Date : 2026-01-15
- Test Mode : Mode 1



- ※ The data is the result of measured by the detector in PK and CISPR Average on the Peak graph.
- ※ The Average of the test data is the cispr average result.



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○ Test Date : 2026-01-15

● Test Mode : Mode 1

(5 ~ 12.4) GHz

PK

| Frequency<br>(MHz) | Reading<br>PK (dBuV) | Polarization | Height<br>( m ) | ANT Factor<br>(dB) | Cable Loss<br>(dB) | Preamp<br>Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|----------------------|--------------|-----------------|--------------------|--------------------|--------------------------|--------------------|-------------------|----------------|
| 6 866.830          | 33.900               | H            | 1.000           | 35.790             | 9.830              | 34.710                   | 44.810             | 74.000            | 29.190         |
| 6 939.670          | 33.100               | V            | 1.000           | 36.120             | 9.810              | 34.680                   | 44.350             | 74.000            | 29.650         |

Cispr-AV

| Frequency<br>(MHz) | Reading<br>CISPR AV<br>(dBuV) | Polarization | Height<br>( m ) | ANT Factor<br>(dB) | Cable Loss<br>(dB) | Preamp<br>Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|-------------------------------|--------------|-----------------|--------------------|--------------------|--------------------------|--------------------|-------------------|----------------|
| 6 866.830          | 26.400                        | H            | 1.000           | 35.790             | 9.830              | 34.710                   | 37.310             | 54.000            | 16.690         |
| 6 939.670          | 26.600                        | V            | 1.000           | 36.120             | 9.810              | 34.680                   | 37.850             | 54.000            | 16.150         |

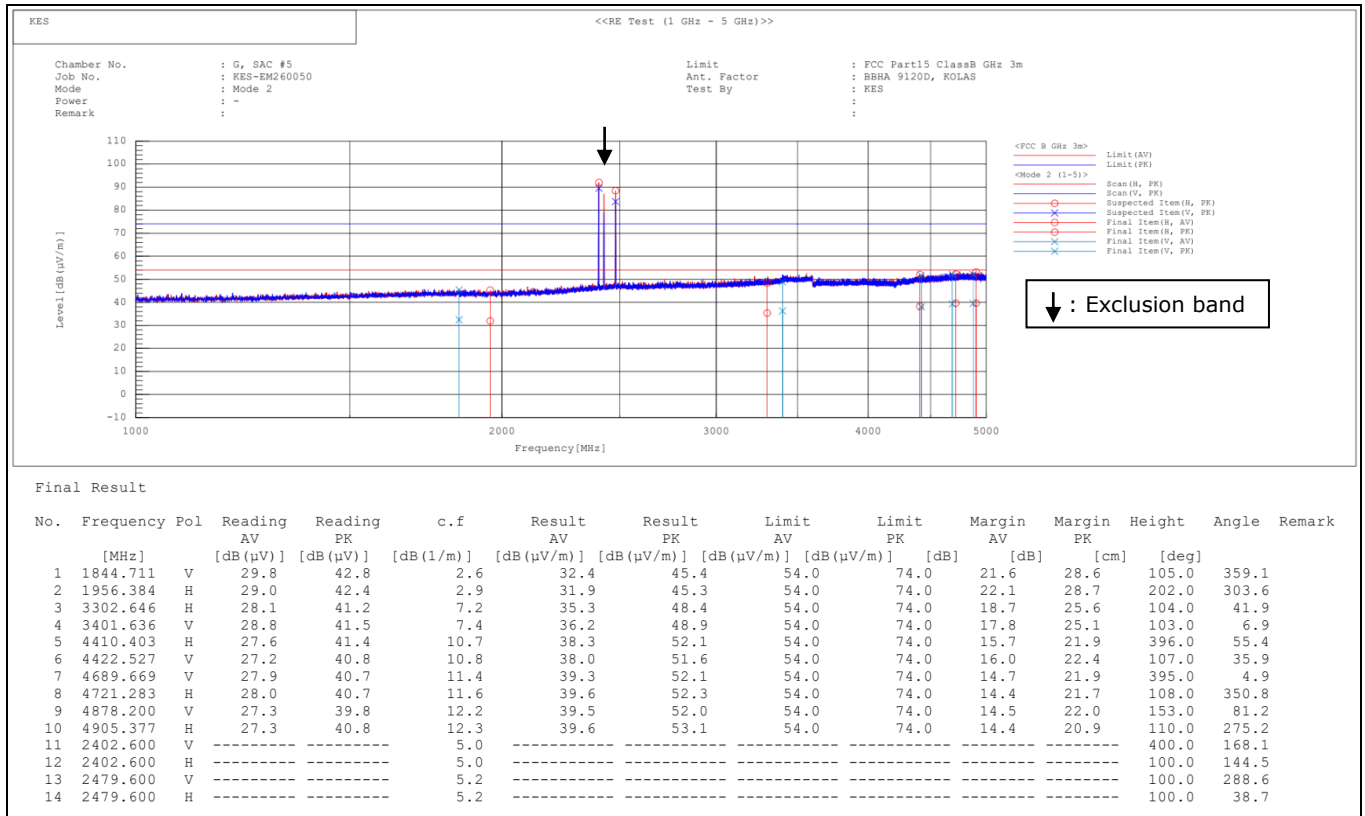
※ No spurious emission were detected above 12.4 GHz



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- Test Date : 2026-01-15
- Test Mode : Mode 2



- ※ The data is the result of measured by the detector in PK and CISPR Average on the Peak graph.
- ※ The Average of the test data is the cispr average result.



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○ Test Date : 2026-01-15

● Test Mode : Mode 2

(5 ~ 12.4) GHz

PK

| Frequency<br>(MHz) | Reading<br>PK (dBuV) | Polarization | Height<br>( m ) | ANT Factor<br>(dB) | Cable Loss<br>(dB) | Preamp<br>Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|----------------------|--------------|-----------------|--------------------|--------------------|--------------------------|--------------------|-------------------|----------------|
| 6 631.520          | 33.100               | H            | 1.000           | 34.700             | 9.970              | 34.800                   | 42.970             | 74.000            | 31.030         |
| 6 736.750          | 33.600               | V            | 1.000           | 35.190             | 10.160             | 34.760                   | 44.190             | 74.000            | 29.810         |

Cispr-AV

| Frequency<br>(MHz) | Reading<br>CISPR AV<br>(dBuV) | Polarization | Height<br>( m ) | ANT Factor<br>(dB) | Cable Loss<br>(dB) | Preamp<br>Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) |
|--------------------|-------------------------------|--------------|-----------------|--------------------|--------------------|--------------------------|--------------------|-------------------|----------------|
| 6 631.520          | 26.000                        | H            | 1.000           | 34.700             | 9.970              | 34.800                   | 35.870             | 54.000            | 18.130         |
| 6 736.750          | 26.500                        | V            | 1.000           | 35.190             | 10.160             | 34.760                   | 37.090             | 54.000            | 16.910         |

※ No spurious emission were detected above 12.4 GHz

### 6.3.6 Remark

Complies with the test requirements.

Mode 1, Mode 2: (2 402 ~ 2 480) MHz (Exclusion band)

Mode 2 : it was determined that Z orientation was worst-case orientation; therefore, al final radiated testing was performed with the EUT in Z orientation.

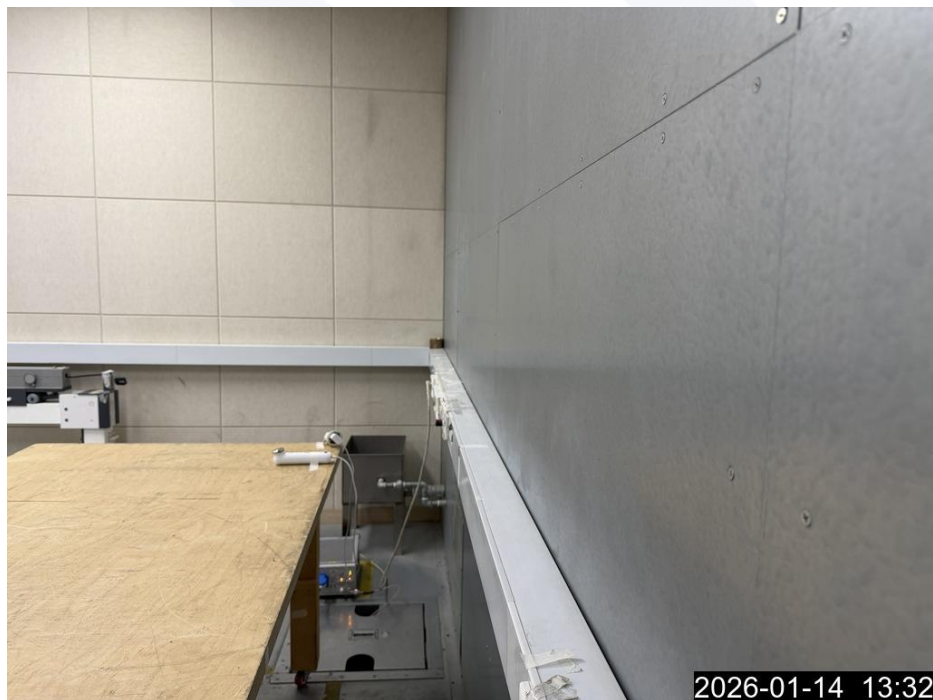


## 7 Test Setup Photos and EUT Photographs

### 7.1 Test Setup Photos



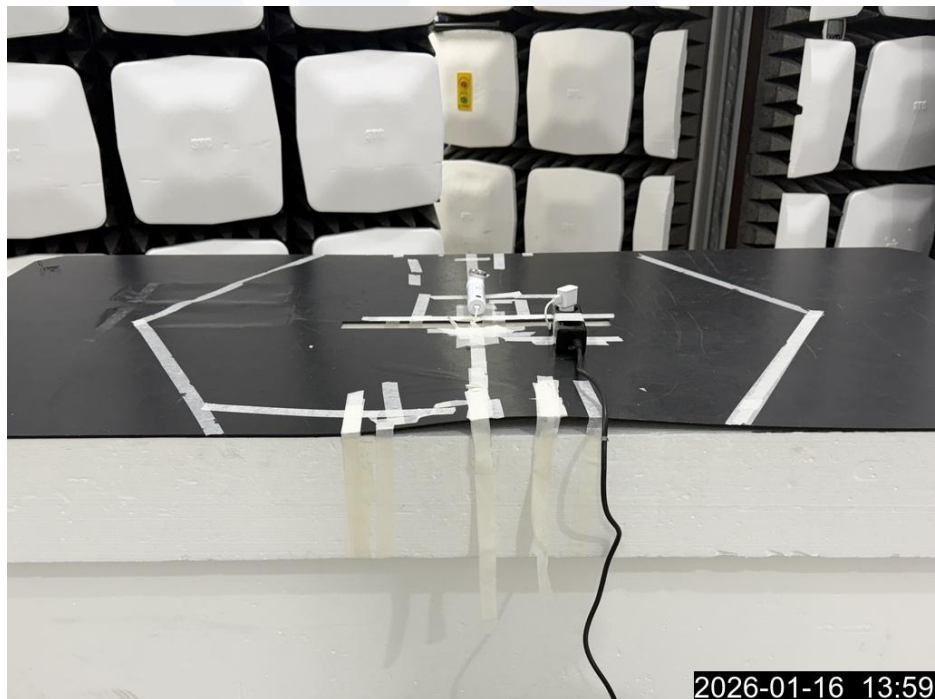
<Conducted Emissions at Mains Power Ports - Front> Mode 1



<Conducted Emissions at Mains Power Ports - Rear> Mode 1



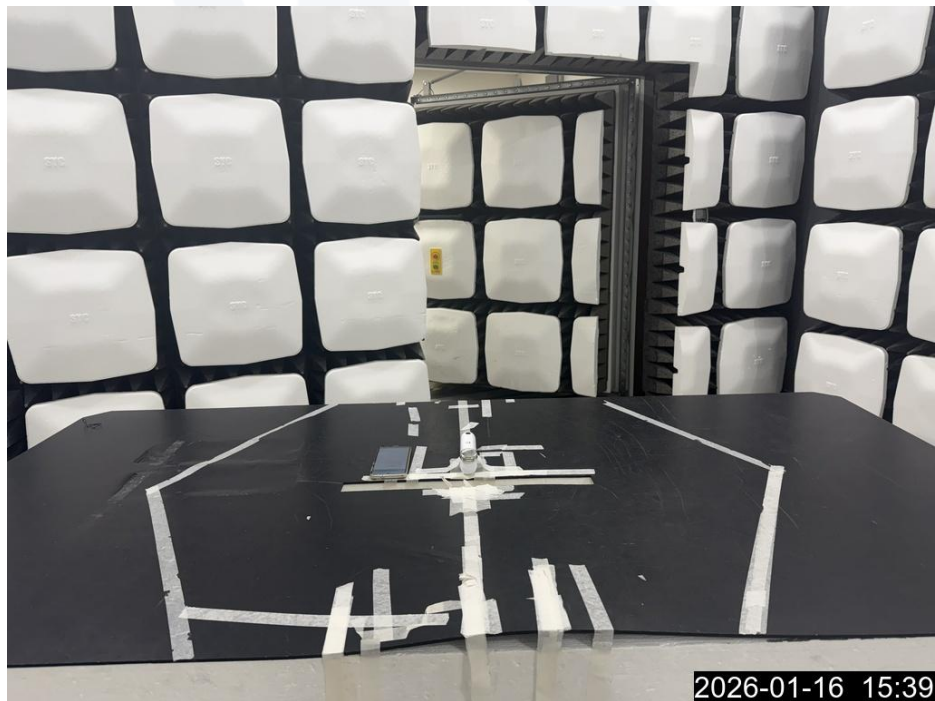
<Radiated Emissions(Below 1 GHz) - Front> Mode 1



<Radiated Emissions(Below 1 GHz) - Rear> Mode 1



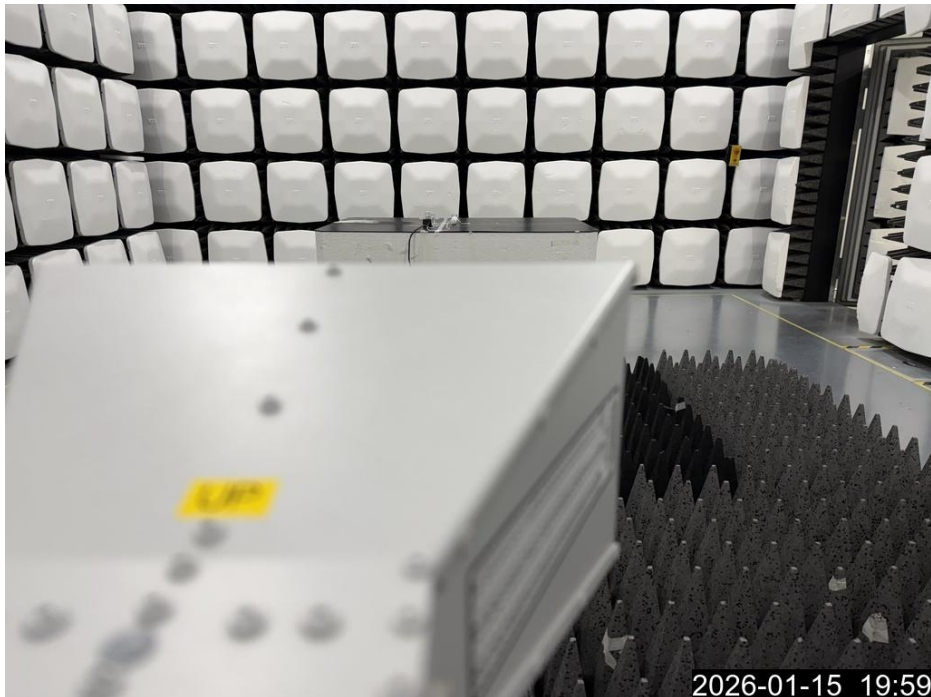
<Radiated Emissions(Below 1 GHz) - Front> Mode 2



<Radiated Emissions(Below 1 GHz) - Rear> Mode 2



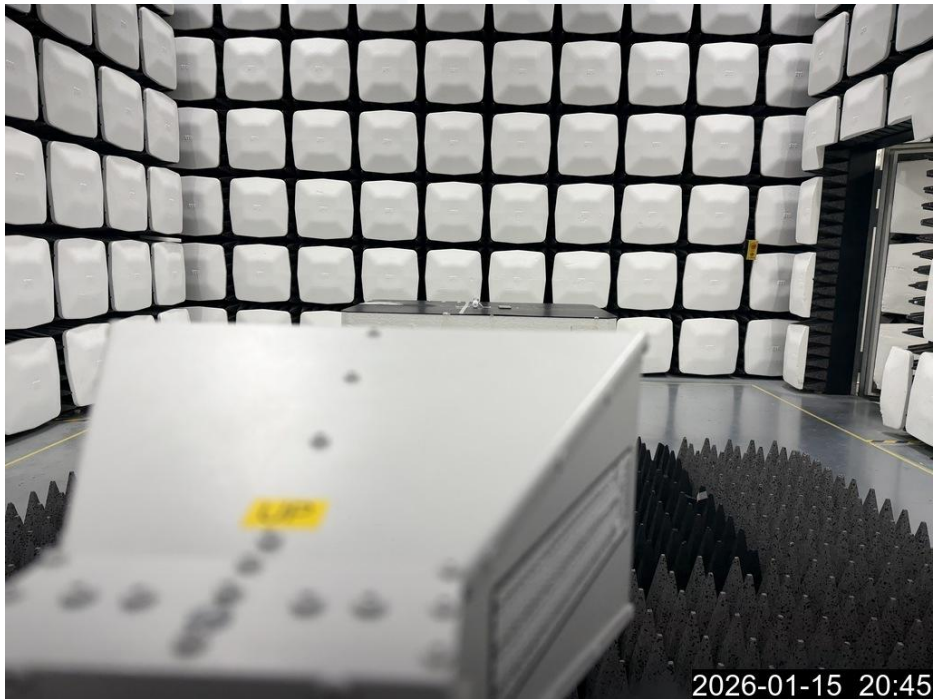
<Radiated Emissions(Above 1 GHz) - Front> Mode 1



<Radiated Emissions(Above 1 GHz) - Rear> Mode 1



<Radiated Emissions(Above 1 GHz) - Front> Mode 2



<Radiated Emissions(Above 1 GHz) - Rear> Mode 2

**The End.**