



# FCC Test Report

**APPLICANT** : Rolling Wireless S.a r.l.  
**EQUIPMENT** : 5G Module  
**BRAND NAME** : Rolling Wireless  
**MODEL NAME** : RW151-GL  
**FCC ID** : 2AX2URW151GL  
**STANDARD** : 47 CFR Part 15 Subpart B  
**CLASSIFICATION** : Certification  
**TEST DATE(S)** : Jun. 28, 2026 ~ Sep. 17, 2026

The product was received on Jun. 01, 2026. We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

*Fly Liang*

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Approved by: Fly Liang



***Sporton International Inc. (ShenZhen)***

***1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055***

***People's Republic of China***



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## REVISION HISTORY

| REPORT NO.   | VERSION | DESCRIPTION             | ISSUED DATE   |
|--------------|---------|-------------------------|---------------|
| FC642220-R01 | Rev. 01 | Initial issue of report | Sep. 23, 2026 |
|              |         |                         |               |
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|              |         |                         |               |



## SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description           | Limit           | Result | Remark                                   |
|----------------|----------|-----------------------|-----------------|--------|------------------------------------------|
| 3.1            | 15.107   | AC Conducted Emission | < 15.107 limits | PASS   | Under limit<br>8.31 dB at<br>3.90 MHz    |
| 3.2            | 15.109   | Radiated Emission     | < 15.109 limits | PASS   | Under limit<br>13.74 dB at<br>933.07 MHz |

**Conformity Assessment Condition:**

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

**Disclaimer:**

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

**Reviewed by: Berry Chang**



## 1. General Description

### 1.1. Applicant

Rolling Wireless S.a r.l.  
8-10, rue Mathias Hardt 1717, Luxembourg  
Contact Name : Gene Santana  
Tel No.: +1-561-9098960

### 1.2. Manufacturer

Rolling Wireless S.a r.l.  
8-10, rue Mathias Hardt 1717, Luxembourg

### 1.3. Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | 5G Module                                                                                                                                                                                 |
| Brand Name                      | Rolling Wireless                                                                                                                                                                          |
| Model Name                      | RW151-GL                                                                                                                                                                                  |
| FCC ID                          | 2AX2URW151GL                                                                                                                                                                              |
| EUT supports Radios application | WCDMA/LTE/5G NR<br>GNSS/NTN                                                                                                                                                               |
| IMEI Code                       | Conduction:<br>358389830000191 for Sample 1<br>358389830012196 for Sample 2<br>Radiation:<br>358389830001181/358389830002791 for Sample 1<br>358389830013285/358389830013996 for Sample 2 |
| EUT Stage                       | Identical Prototype                                                                                                                                                                       |

**Remark:**

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are two types of EUT, for the differences please refer the product equality declaration exhibit submitted. According to the difference, we choose sample 1 to full test and the sample 2 is verified for the difference.

### 1.4. Modification of EUT

No modifications are made to the EUT during all test items.

## 1.5. Test Location

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

|                    |                                                                                                                                                                                                                    |                     |                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|
| Test Firm          | Sporton International Inc. (Shenzhen)                                                                                                                                                                              |                     |                                |
| Test Site Location | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province<br>518103 People's Republic of China<br>TEL: +86-755-86066985 |                     |                                |
| Test Site No.      | Sporton Site No.                                                                                                                                                                                                   | FCC Designation No. | FCC Test Firm Registration No. |
|                    | CO02-SZ ;<br>03CH05-SZ                                                                                                                                                                                             | CN1256              | 421272                         |

## 1.6. Test Software

| Item | Site      | Manufacturer | Name | Version     |
|------|-----------|--------------|------|-------------|
| 1.   | 03CH05-SZ | AUDIX        | E3   | 6.2009-8-24 |
| 2.   | CO02-SZ   | AUDIX        | E3   | 6.120613b   |

## 1.7. Applicable Standards

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

- ♦ 47 CFR Part 15 Subpart B
- ♦ ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

## 2. Test Configuration of Equipment Under Test

### 2.1. Test Mode

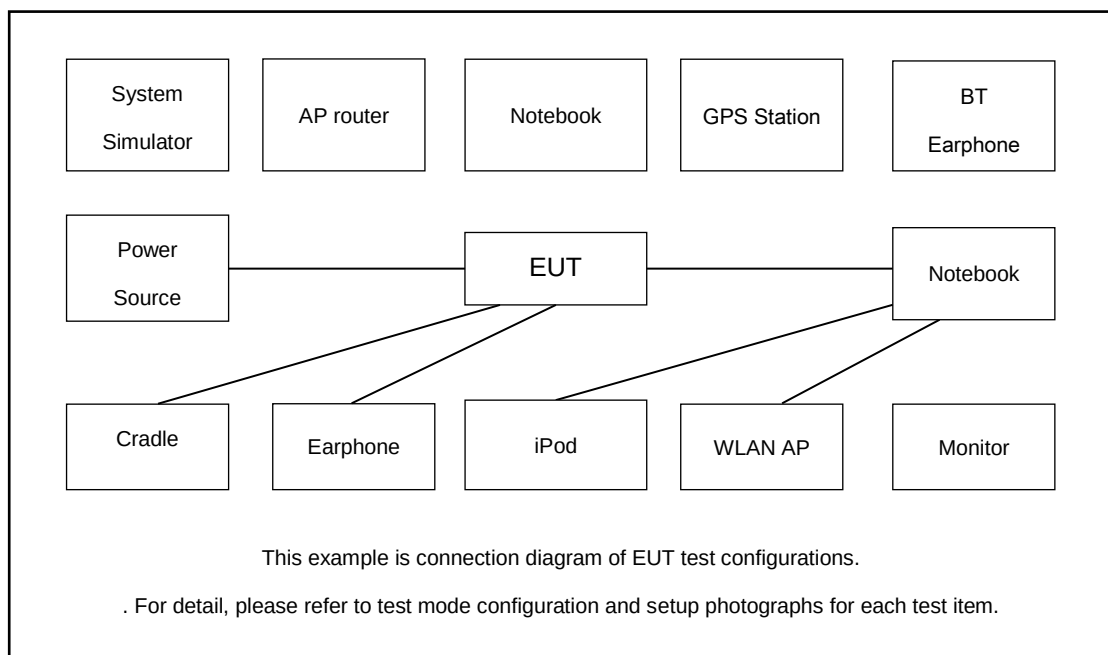
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest frequency or to 40 GHz, whichever is lower).

| Test Items            | Function Type                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------|
| AC Conducted Emission | Mode 1: LTE Band 12 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1 |
|                       | Mode 2: LTE Band 13 Idle(High CH) + GNSS RX + SIM 2 + USB Cable 1 (Charging from DC ) for Sample 1   |
|                       | Mode 3: LTE Band 14 Idle(Low CH) + GNSS RX + E-SIM + USB Cable 1 (Charging from DC ) for Sample 1    |
|                       | Mode 4: SA n26 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1      |
|                       | Mode 5: NSA B2+n71 idle (High CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1   |
|                       | Mode 6: LTE Band 17 Idle(Low CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1    |
|                       | Mode 7: SA n26 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 2      |
|                       | Mode 8: NTN 23 idle(Mid CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1         |
|                       | Mode 9: NTN 255 Idle(High CH) + GNSS RX + SIM 2 + USB Cable 1 (Charging from DC ) for Sample 1       |

|                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radiated Emissions                                                                                                                                                                                                                                                                                                                                | <p>Mode 1: LTE Band 12 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 2: LTE Band 13 Idle(High CH) + GNSS RX + SIM 2 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 3: LTE Band 14 Idle(Low CH) + GNSS RX + E-SIM + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 4: SA n26 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 5: NSA B2+n71 idle (High CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 6: LTE Band 17 Idle(Low CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 7: LTE Band 12 Idle(Middle CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 2</p> <p>Mode 8: NTN 23 idle(Mid CH) + GNSS RX + SIM 1 + USB Cable 1 (Charging from DC ) for Sample 1</p> <p>Mode 9: NTN 255 Idle(High CH) + GNSS RX + SIM 2 + USB Cable 1 (Charging from DC ) for Sample 1</p> |
| <p><b>Remark:</b></p> <ol style="list-style-type: none"> <li>1. The worst case of AC is mode 8; only the test data of this mode is reported.</li> <li>2. The worst case of RE is mode 1; only the test data of this mode is reported.</li> <li>3. Pre-scanned Low/Middle/High channels, the worst channel was recorded in this report.</li> </ol> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## 2.2.Connection Diagram of Test System



The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application

## 2.3. Support Unit used in test configuration and system

| Item | Equipment        | Trade Name | Model Name   | FCC ID | Data Cable | Power Cord        |
|------|------------------|------------|--------------|--------|------------|-------------------|
| 1.   | DC Power Supply  | LVYTECH    | LV3303       | N/A    | N/A        | N/A               |
| 2.   | System Simulator | Anritsu    | MT8820C      | N/A    | N/A        | Unshielded, 1.8 m |
| 3.   | System Simulator | Anritsu    | MT8000A      | N/A    | N/A        | Unshielded, 1.8 m |
| 4.   | Notebook         | DELL       | Latiude 3400 | N/A    | N/A        | Unshielded,1.8m   |
| 5.   | GNSS Station     | T&E        | GS-50        | N/A    | N/A        | Unshielded,1.8m   |
| 6.   | Antenna          | N/A        | N/A          | N/A    | N/A        | N/A               |
| 7.   | Test Jig         | N/A        | N/A          | N/A    | N/A        | N/A               |

## 2.4. EUT Operation Test Setup

The EUT was in LTE or 5G NR idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.

At the same time, the following programs installed in the EUT were programmed during the test.

1. Turn on GNSS function to make the EUT receive continuous signals from GNSS station.

### 3. Test Result

#### 3.1. Test of AC Conducted Emission Measurement

##### 3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B Limit>

| Frequency of emission<br>(MHz) | Conducted limit (dBuV) |           |
|--------------------------------|------------------------|-----------|
|                                | Quasi-peak             | Average   |
| 0.15-0.5                       | 66 to 56*              | 56 to 46* |
| 0.5-5                          | 56                     | 46        |
| 5-30                           | 60                     | 50        |

\*Decreases with the logarithm of the frequency.

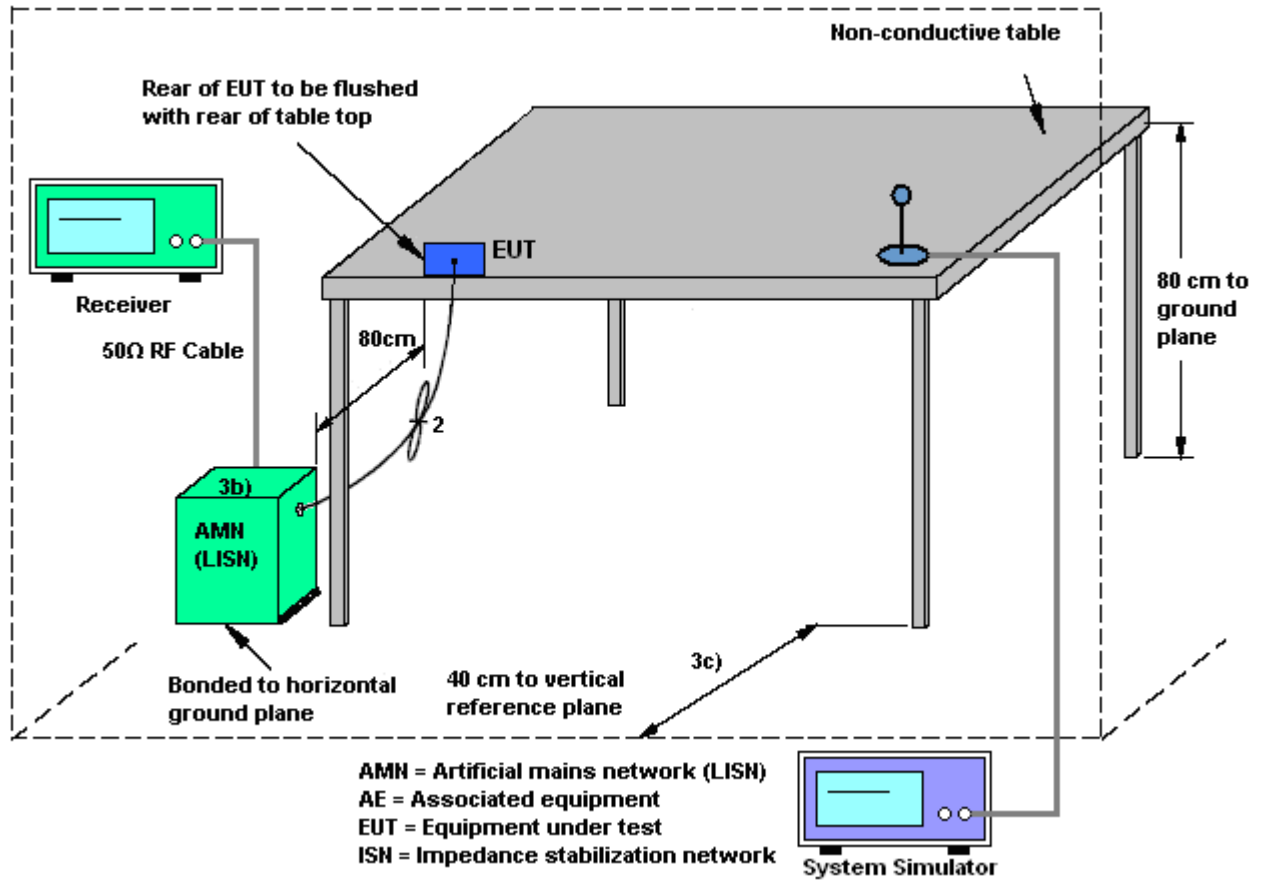
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedure

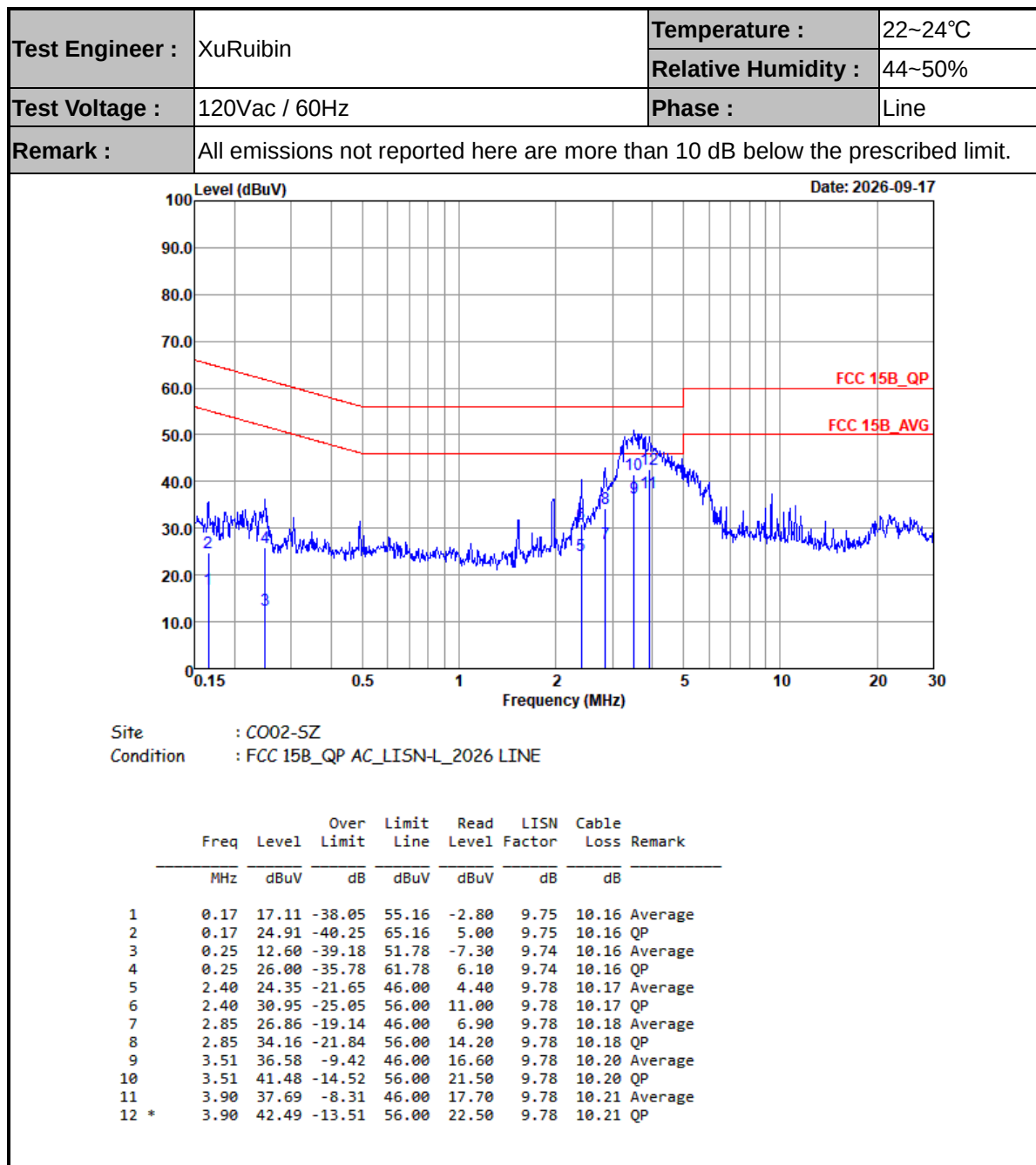
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.1.4 Test Setup



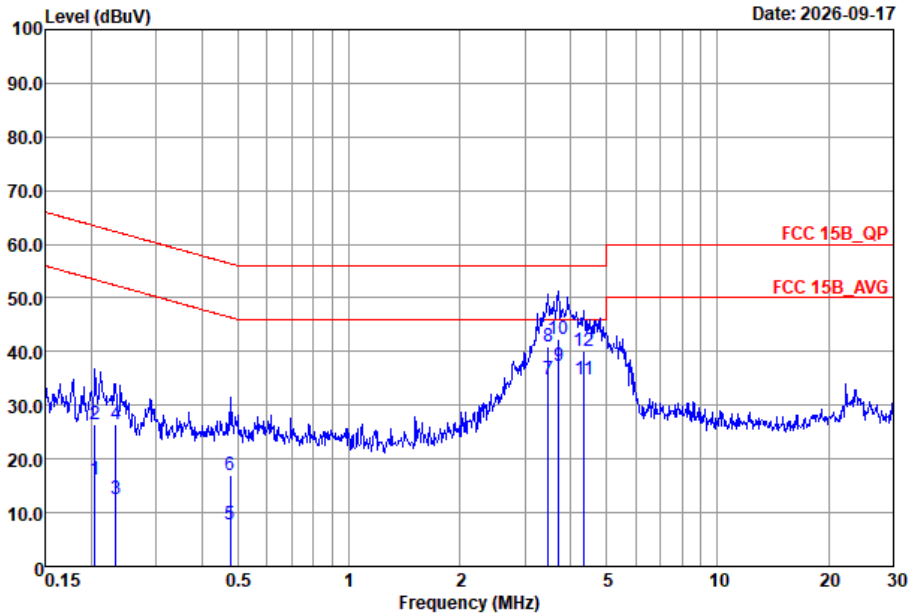


## 3.1.5 Test Result of AC Conducted Emission





|                        |                                                                                 |                            |         |
|------------------------|---------------------------------------------------------------------------------|----------------------------|---------|
| <b>Test Engineer :</b> | XuRuibin                                                                        | <b>Temperature :</b>       | 22~24°C |
|                        |                                                                                 | <b>Relative Humidity :</b> | 44~50%  |
| <b>Test Voltage :</b>  | 120Vac / 60Hz                                                                   | <b>Phase :</b>             | Neutral |
| <b>Remark :</b>        | All emissions not reported here are more than 10 dB below the prescribed limit. |                            |         |



Site : CO02-SZ  
Condition : FCC 15B\_QP AC\_LISN-N\_2026 NEUTRAL

|      | Freq | Level | Over   | Limit | Read   | LISN   | Cable | Remark  |
|------|------|-------|--------|-------|--------|--------|-------|---------|
|      | MHz  | dBuV  | Limit  | Line  | Level  | Factor | Loss  |         |
|      |      |       | dB     | dBuV  | dBuV   | dB     | dB    |         |
| 1    | 0.21 | 16.16 | -37.24 | 53.40 | -3.80  | 9.80   | 10.16 | Average |
| 2    | 0.21 | 26.46 | -36.94 | 63.40 | 6.50   | 9.80   | 10.16 | QP      |
| 3    | 0.23 | 12.56 | -39.79 | 52.35 | -7.40  | 9.80   | 10.16 | Average |
| 4    | 0.23 | 26.56 | -35.79 | 62.35 | 6.60   | 9.80   | 10.16 | QP      |
| 5    | 0.48 | 7.84  | -38.57 | 46.41 | -12.10 | 9.80   | 10.14 | Average |
| 6    | 0.48 | 17.04 | -39.37 | 56.41 | -2.90  | 9.80   | 10.14 | QP      |
| 7    | 3.47 | 34.71 | -11.29 | 46.00 | 14.70  | 9.81   | 10.20 | Average |
| 8    | 3.47 | 40.81 | -15.19 | 56.00 | 20.80  | 9.81   | 10.20 | QP      |
| 9    | 3.70 | 37.31 | -8.69  | 46.00 | 17.30  | 9.81   | 10.20 | Average |
| 10 * | 3.70 | 42.21 | -13.79 | 56.00 | 22.20  | 9.81   | 10.20 | QP      |
| 11   | 4.34 | 34.73 | -11.27 | 46.00 | 14.70  | 9.81   | 10.22 | Average |
| 12   | 4.34 | 40.03 | -15.97 | 56.00 | 20.00  | 9.81   | 10.22 | QP      |

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

## 3.2. Test of Radiated Emission Measurement

### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B Limit>

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(meters) |
|--------------------|--------------------------------------|----------------------------------|
| 30 – 88            | 100                                  | 3                                |
| 88 – 216           | 150                                  | 3                                |
| 216 - 960          | 200                                  | 3                                |
| Above 960          | 500                                  | 3                                |

### 3.2.2. Measuring Instruments

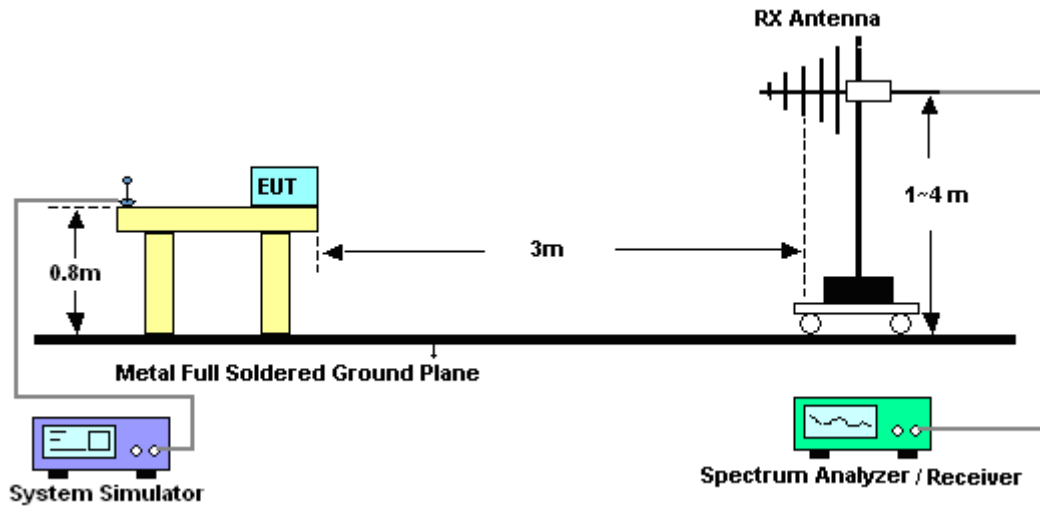
The measuring equipment is listed in the section 4 of this test report.

### 3.2.3. Test Procedures

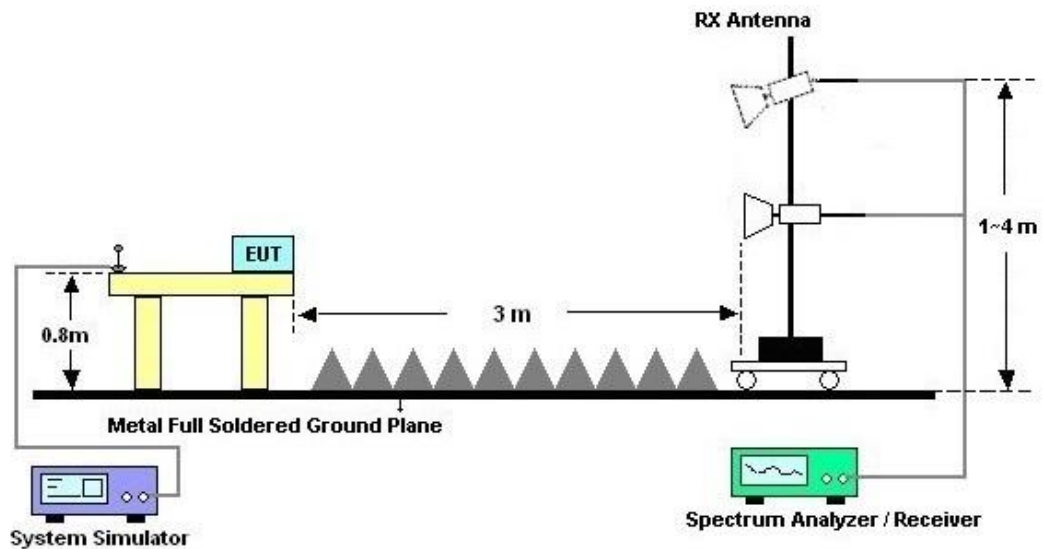
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
10. Exploratory radiated emissions testing of handheld and/or body-worn devices shall include rotation of the EUT through three orthogonal axes (X/Y/Z Plane) to determine the orientation (attitude) that maximizes the emissions.

### 3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

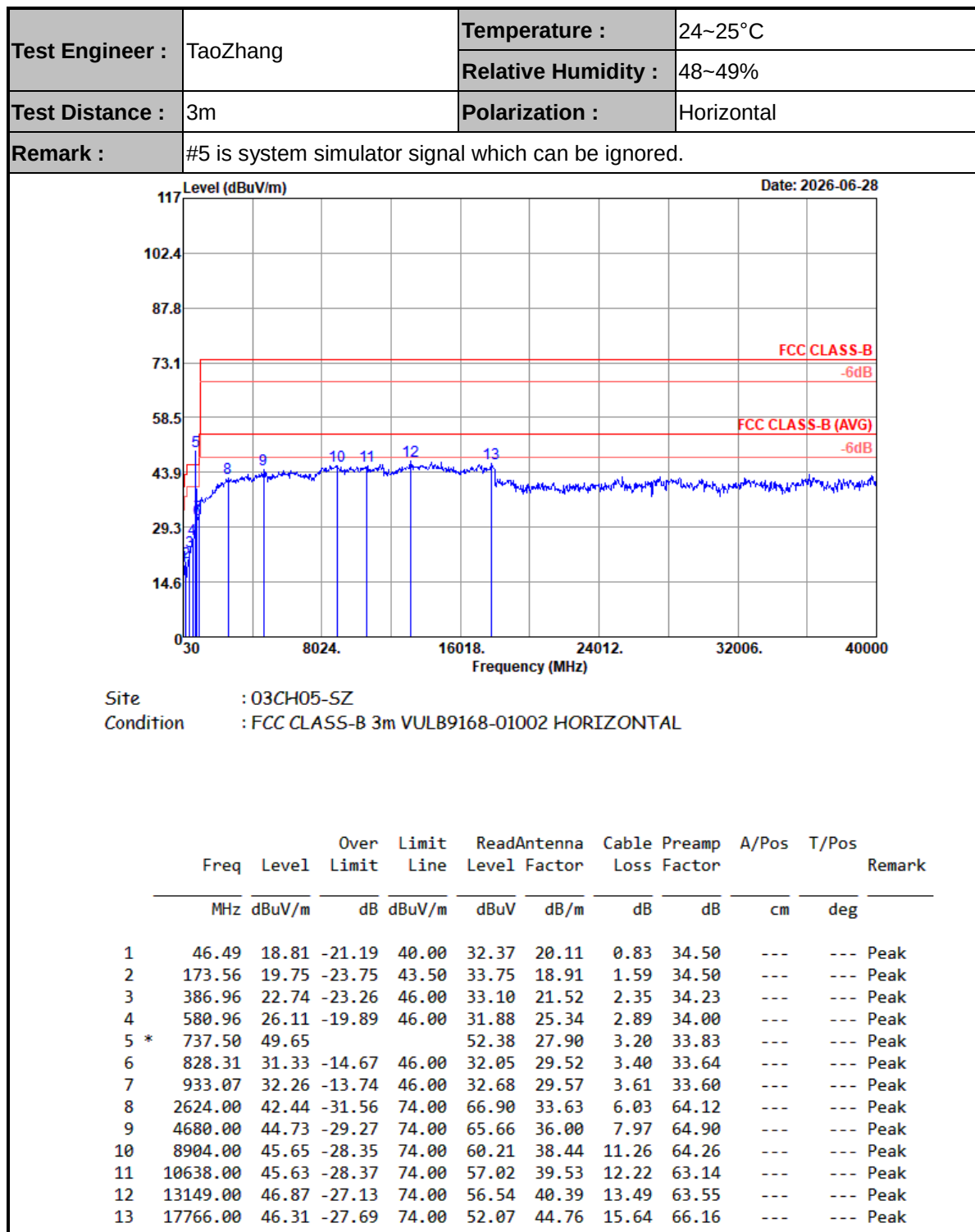


For radiated emissions above 1GHz



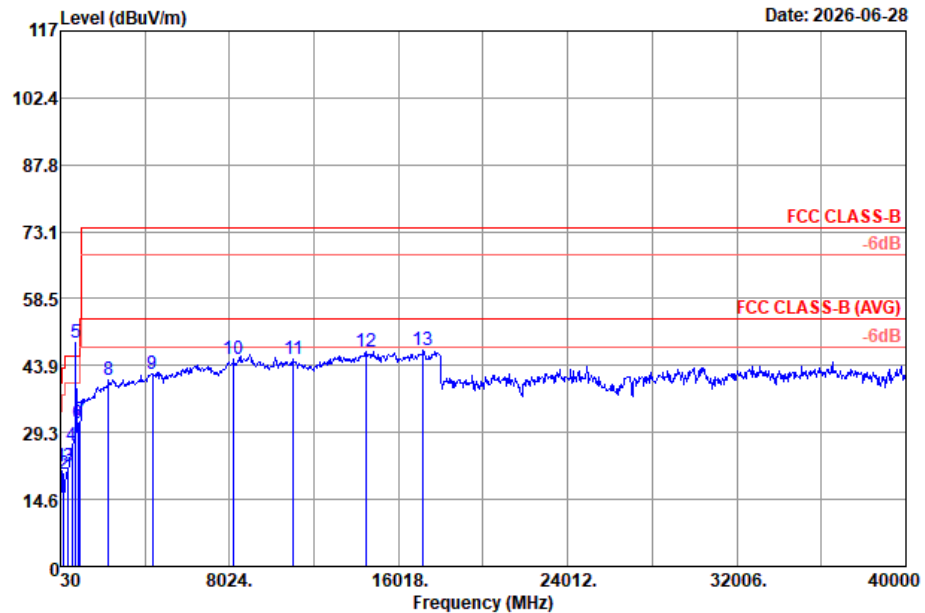


## 3.2.5. Test Result of Radiated Emission





|                 |                                                     |                     |          |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Test Engineer : | TaoZhang                                            | Temperature :       | 24~25°C  |
|                 |                                                     | Relative Humidity : | 48~49%   |
| Test Distance : | 3m                                                  | Polarization :      | Vertical |
| Remark :        | #5 is system simulator signal which can be ignored. |                     |          |



Site : 03CH05-SZ

Condition : FCC CLASS-B 3m VULB9168-01002 VERTICAL

|     | Freq     | Level  | Over Limit | Limit Line | ReadAntenna Level | Cable Factor | Preamp Loss | A/Pos | T/Pos | Remark |      |
|-----|----------|--------|------------|------------|-------------------|--------------|-------------|-------|-------|--------|------|
|     | MHz      | dBuV/m | dB         | dBuV/m     | dBuV              | dB/m         | dB          | dB    | cm    | deg    |      |
| 1   | 30.00    | 22.00  | -18.00     | 40.00      | 37.00             | 18.75        | 0.65        | 34.40 | ---   | ---    | Peak |
| 2   | 175.50   | 20.23  | -23.27     | 43.50      | 34.39             | 18.75        | 1.59        | 34.50 | ---   | ---    | Peak |
| 3   | 406.36   | 21.90  | -24.10     | 46.00      | 31.84             | 21.85        | 2.40        | 34.19 | ---   | ---    | Peak |
| 4   | 579.02   | 26.40  | -19.60     | 46.00      | 32.28             | 25.23        | 2.89        | 34.00 | ---   | ---    | Peak |
| 5 * | 737.50   | 48.97  |            |            | 51.70             | 27.90        | 3.20        | 33.83 | ---   | ---    | Peak |
| 6   | 871.96   | 31.26  | -14.74     | 46.00      | 32.31             | 29.02        | 3.53        | 33.60 | ---   | ---    | Peak |
| 7   | 957.32   | 31.84  | -14.16     | 46.00      | 31.46             | 30.28        | 3.70        | 33.60 | ---   | ---    | Peak |
| 8   | 2288.00  | 40.86  | -33.14     | 74.00      | 66.15             | 33.06        | 5.54        | 63.89 | ---   | ---    | Peak |
| 9   | 4384.00  | 42.15  | -31.85     | 74.00      | 63.70             | 35.62        | 7.68        | 64.85 | ---   | ---    | Peak |
| 10  | 8208.00  | 45.23  | -28.77     | 74.00      | 61.53             | 37.68        | 10.65       | 64.63 | ---   | ---    | Peak |
| 11  | 11061.00 | 45.46  | -28.54     | 74.00      | 56.56             | 39.60        | 12.30       | 63.00 | ---   | ---    | Peak |
| 12  | 14481.00 | 46.91  | -27.09     | 74.00      | 55.09             | 41.19        | 14.05       | 63.42 | ---   | ---    | Peak |
| 13  | 17163.00 | 47.13  | -26.87     | 74.00      | 53.24             | 44.10        | 15.39       | 65.60 | ---   | ---    | Peak |

Note:

- Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)



## 4. List of Measuring Equipment

| Instrument                | Manufacturer   | Model No. | Serial No.   | Characteristics | Calibration Date | Test Date     | Due Date      | Remark                |
|---------------------------|----------------|-----------|--------------|-----------------|------------------|---------------|---------------|-----------------------|
| EMI Test Receiver         | R&S            | ESR7      | 102261       | 9kHz~7GHz       | Mar. 26, 2026    | Jun, 28, 2026 | Mar. 25, 2027 | Radiation (03CH05-SZ) |
| EXA Spectrum Analyzer     | KEYSIGHT       | N9010B    | MY59071191   | 10Hz~44GHz      | Mar. 26, 2026    | Jun, 28, 2026 | Mar. 25, 2027 | Radiation (03CH05-SZ) |
| Log-periodic Antenna      | SCHWARZBECK    | VULB 9168 | 01001        | 20MHz~1.5GHz    | Dec. 06, 2025    | Jun, 28, 2026 | Dec 05, 2026  | Radiation (03CH05-SZ) |
| Amplifier                 | EM Electronics | EM330     | 060756       | 0.01Hz~3000MHz  | Mar. 26, 2026    | Jun, 28, 2026 | Mar. 25, 2027 | Radiation (03CH05-SZ) |
| Double Ridge Horn Antenna | ETS-Lindgren   | 3117      | 00119436     | 1GHz~18GHz      | Jul. 04, 2025    | Jun, 28, 2026 | Jul. 03, 2026 | Radiation (03CH05-SZ) |
| HF Amplifier              | EM Electronics | EM01G18GA | 060779       | 1GHz~18GHz      | Dec. 25, 2025    | Jun, 28, 2026 | Dec. 24, 2026 | Radiation (03CH05-SZ) |
| HF Amplifier              | EM Electronics | EM18G40G  | 060778       | 18GHz~40GHz     | Mar. 26, 2026    | Jun, 28, 2026 | Mar. 25, 2027 | Radiation (03CH05-SZ) |
| Horn Antenna              | SCHWARZBECK    | BBHA9170  | 00983        | 15GHz~40GHz     | Mar. 26, 2026    | Jun, 28, 2026 | Mar. 25, 2027 | Radiation (03CH05-SZ) |
| AC Power Source           | APC            | AFV-S-600 | F119050013   | N/A             | Oct. 13, 2025    | Jun, 28, 2026 | Oct. 12, 2026 | Radiation (03CH05-SZ) |
| Turn Table                | EMEC           | T-200-S-1 | 060925-T     | 0~360 degree    | NCR              | Jun, 28, 2026 | NCR           | Radiation (03CH05-SZ) |
| Antenna Mast              | EMEC           | MBS-400-1 | 060927       | 1 m~4 m         | NCR              | Jun, 28, 2026 | NCR           | Radiation (03CH05-SZ) |
| EMI Receiver              | R&S            | ESR7      | 102297       | 9kHz~7GHz;      | Jul. 02, 2026    | Sep. 17, 2026 | Jul. 01, 2027 | Conduction (CO02-SZ)  |
| AC LISN                   | R&S            | ENV216    | 101499       | 9kHz~30MHz      | Jul. 03, 2026    | Sep. 17, 2026 | Jul. 02, 2027 | Conduction (CO02-SZ)  |
| AC Power Source           | CHROMA         | 61601     | 616010002470 | 100Vac~250Vac   | Dec.14, 2025     | Sep. 17, 2026 | Dec. 13, 2026 | Conduction (CO02-SZ)  |

NCR: No Calibration Required



## 5. Measurement Uncertainty

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 2.4 dB |
|----------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.2 dB |
|----------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.1 dB |
|----------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

|                                                                            |        |
|----------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.9 dB |
|----------------------------------------------------------------------------|--------|

----- THE END -----