

# ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



**EUT Description** 10 inches Touch Panel  
**Applicant:** Harman Professional, Inc.  
8500 Balboa Blvd., Northridge, CA 91325, USA  
**Manufacturer:** Harman Professional, Inc.  
8500 Balboa Blvd., Northridge, CA 91325, USA  
**Brand Name:** BSS  
**Model No.:** OMNI-TP-100  
**Report Number:** TERF2509002898ER  
**FCC ID** 2AUHEOMNI-TP-100  
**Date of EUT Received:** September 9, 2025  
**Date of Test:** September 10, 2025 ~ September 18, 2025  
**Issue Date:** October 14, 2025

CHUN-CHIEH, CHEN

Approved By

Chun Chieh Chen

## We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 and the energy emitted by the sample EUT comply with FCC rule part §15.225.

The results of this report relate only to the sample identified in this report.

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## Revision History

| Report Number    | Revision | Description | Issue Date       | Revised By  | Remark |
|------------------|----------|-------------|------------------|-------------|--------|
| TERF2509002898ER | 00       | Original    | October 14, 2025 | Autumn Chiu |        |
|                  |          |             |                  |             |        |
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|                  |          |             |                  |             |        |

**Note:**

- 1、The remark "" indicates modification of the report upon requests from certification body.

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## 1 GENERAL INFORMATION

### 1.1 Product Description

|                                 |                       |
|---------------------------------|-----------------------|
| EUT Description                 | 10 inches Touch Panel |
| Brand Name:                     | BSS                   |
| Model No.:                      | OMNI-TP-100           |
| Hardware Version:               | N/A                   |
| Firmware Version:               | N/A                   |
| EUT Series No.:                 | 15600827736           |
| Power Supply:                   | DC 56V from POE       |
| Test Software<br>(Name/Version) | Taginfo               |

### 1.2 RF specification

|                     |                      |
|---------------------|----------------------|
| Radio Technology:   | NFC                  |
| Operating Frequency | 13.56MHz             |
| Transmit Power      | < 9.84dBuV/m at 30m. |
| Number of Channels  | 1                    |
| Modulation Type     | ASK                  |
| Antenna Type        | Loop Antenna         |

**Note:**

1. The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.
2. The antenna complies with part 15.203 requirement and no consideration of replacement. Please see EUT photo for details.

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### 1.3 EUT Availability and The Worst Test Modes

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
3. The field strength of radiation emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst-case scenario.
4. The frequency 13.56 MHz is the default channel to test, where it is the only manipulative channel as this application supports.
5. Only one configuration is supported/applicable as follows.

| RADIATED EMISSION TEST |                   |                |            |
|------------------------|-------------------|----------------|------------|
| MODE                   | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION |
| NFC                    | 1                 | 1              | ASK        |
| FREQUENCY STABILITY    |                   |                |            |
| MODE                   | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION |
| NFC                    | 1                 | 1              | ASK        |
| 20dB and 99% BANDWIDTH |                   |                |            |
| MODE                   | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION |
| NFC                    | 1                 | 1              | ASK        |

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## 2 SUMMARY OF TEST RESULTS

| FCC Rules              | Description Of Test                           | Result    |
|------------------------|-----------------------------------------------|-----------|
| §15.207                | AC Power Line Conducted Emission              | Compliant |
| §15.225 (a)-(d)        | Radiated Emission                             | Compliant |
| §15.209                | Radiated Emission Limits, general requirement | Compliant |
| §15.225 (e)            | Frequency Stability                           | Compliant |
| §2.1049<br>§15.215 (c) | Emission Bandwidth                            | Compliant |
| §15.203                | Antenna Requirement                           | Compliant |
| §15.205                | Restricted Bands                              | Compliant |

### 2.1 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.225

ANSI C63.10:2020.

### 2.2 Measurement Uncertainty

| Test Items                       | Uncertainty |
|----------------------------------|-------------|
| AC Power Line Conducted Emission | +/- 1.54 dB |
| Frequency Stability              | +/- 1.48 Hz |
| Emission Bandwidth               | +/- 1.38 Hz |
| Temperature                      | +/- 0.60 °C |
| Humidity                         | +/- 3.00 %  |
| DC / AC Power Source             | +/- 1.00 %  |

| Radiated Spurious Emission Measurement Uncertainty |             |                 |
|----------------------------------------------------|-------------|-----------------|
| Polarization: Vertical                             | +/- 1.89 dB | 9kHz - 30MHz    |
|                                                    | +/- 4.10 dB | 30MHz - 1000MHz |
|                                                    | +/- 3.37 dB | 1GHz - 18GHz    |
|                                                    | +/- 3.83 dB | 18GHz - 40GHz   |
| Polarization: Horizontal                           | +/- 1.89 dB | 9kHz - 30MHz    |
|                                                    | +/- 4.10 dB | 30MHz - 1000MHz |
|                                                    | +/- 3.37 dB | 1GHz - 18GHz    |
|                                                    | +/- 3.83 dB | 18GHz - 40GHz   |
| Radiated Spurious Emission                         | +/- 2.00 dB | 33GHz - 50GHz   |
|                                                    | +/- 1.59 dB | 50GHz - 60GHz   |
|                                                    | +/- 1.71 dB | 60GHz - 90GHz   |
|                                                    | +/- 1.64 dB | 90GHz - 140GHz  |
|                                                    | +/- 3.84 dB | 140GHz - 220GHz |

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**Note:**

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$ .
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

**2.3 Test Facility**

| Laboratory                                            | Test Site Address                                                                                       | Test Site Name                                                                                                                             | FCC Designation number / Registration Number | IC CAB identifier |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------|
| SGS Taiwan Ltd.<br>Central RF Lab.<br>(TAF code 3702) | No.134, Wu Kung Road,<br>New Taipei Industrial Park,<br>Wuku District, New Taipei<br>City, Taiwan 24803 | SAC 1 / SAC 2 / SAC 3<br>Conduction 1 / Conducted 1<br>Conducted 2 / Conducted 3<br>Conducted 4 / Conducted 5<br>Conducted 6               | TW0027 /<br>891563                           | TW3702            |
| SGS Taiwan Ltd.<br>Central RF Lab.<br>(TAF code 3702) | No.2, Keji 1st Rd, Guishan<br>District, Taoyuan City,<br>Taiwan 333                                     | SAC C / SAC D / SAC G<br>Conduction C / Conducted A<br>Conducted B / Conducted C<br>Conducted D / Conducted E<br>Conducted F / Conducted G | TW0028 /<br>200037                           | TW3702            |

**Note:** The test site name is noted on the equipment list to indicate where the measurements were conducted.

|                |             |    |                    |            |   |
|----------------|-------------|----|--------------------|------------|---|
| Temperature:   | 22-26       | °C | Relative Humidity: | 55-60      | % |
| Test site      | Conducted 1 |    | Test Start:        | 09/18/2025 |   |
| Test Engineer: | Teddy Lu    |    | Test Done:         | 09/18/2025 |   |

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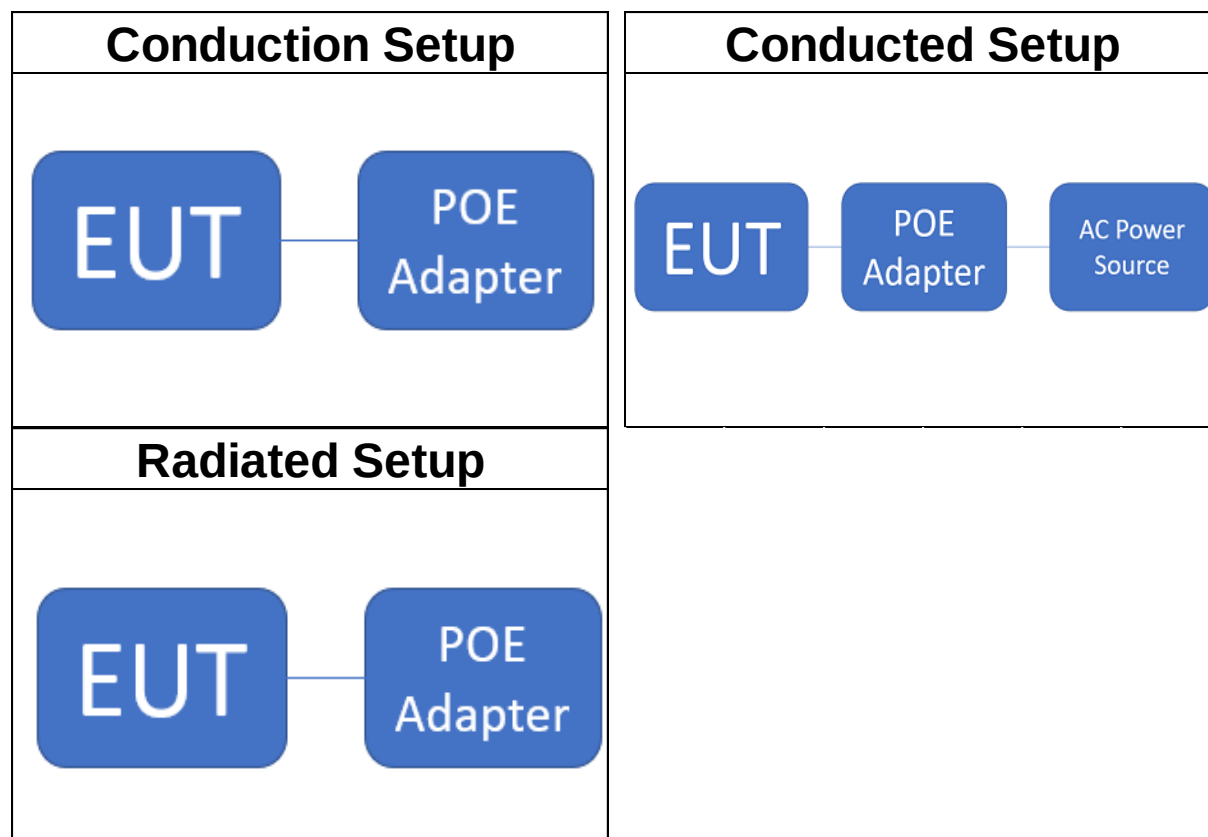
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### 3 CONTROL UNIT(S) AND PERIPHERAL(S)

#### 3.1 Diagram



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## 3.2 List

### 3.2.1 Conduction Setup

| AC Power-Line Conducted Emission Test Site: Conduction 1 |       |              |               |                           |                          |
|----------------------------------------------------------|-------|--------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                                           | MFR   | MODEL NUMBER | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| POE Adapter                                              | ZYXEL | ADH-65AR B   | S252L07585474 | N/A                       | N/A                      |

### 3.2.2 Conducted Setup

| Conducted Emission Test Site: Conducted 1 |       |              |               |                           |                          |
|-------------------------------------------|-------|--------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                            | MFR   | MODEL NUMBER | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| H-Loop Near Field Antenna                 | EMCI  | LF-R 400     | 02-1637       | N/A                       | N/A                      |
| POE Adapter                               | ZYXEL | ADH-65AR B   | S252L07585474 | N/A                       | N/A                      |

### 3.2.1 Radiated Setup

| Radiated Emission Test Site: SAC 1 |       |              |               |                           |                          |
|------------------------------------|-------|--------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                     | MFR   | MODEL NUMBER | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| POE Adapter                        | ZYXEL | ADH-65AR B   | S252L07585474 | N/A                       | N/A                      |

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## 4 TEST INSTRUMENT

### 4.1 Conducted Measurement

| Conducted Emission Test Site: Conducted 1 |               |                     |               |                           |                          |
|-------------------------------------------|---------------|---------------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                            | MFR           | MODEL NUMBER        | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| AC Power Source                           | Gwinstek      | APS-7050E           | GEV171679     | 11/08/2024                | 11/07/2025               |
| DC Block                                  | Mini-Circuits | BLK-18-S+           | 2             | 12/11/2024                | 12/10/2025               |
| EXA Spectrum Analyzer                     | KEYSIGHT      | N9010B              | MY59071571    | 06/24/2025                | 06/23/2026               |
| Temperature Chamber                       | TERCHY        | MHG-120LE           | 1110435       | 06/04/2025                | 06/03/2026               |
| Test Software                             | SGS           | Radio Test Software | Ver. 21       | N.C.R                     | N.C.R                    |

### 4.2 Radiated Measurement

| Radiated Emission Test Site: SAC 1 |           |                                     |                                |                           |                          |
|------------------------------------|-----------|-------------------------------------|--------------------------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                     | MFR       | MODEL NUMBER                        | SERIAL NUMBER                  | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| Bi-log Antenna                     | TESEO     | CBL 6112D                           | 35242 & AT-N0555               | 12/09/2024                | 12/08/2025               |
| Coaxial Cable                      | EMCI      | EMC104-SM-SM-8000+EMC106-SM-SM-7600 | RX Cable 9K-18G(160125+150817) | 07/14/2025                | 07/13/2026               |
| EMI Test Receiver                  | R&S       | ESCI 7                              | 100759                         | 09/02/2025                | 09/01/2026               |
| EXA Spectrum Analyzer              | KEYSIGHT  | N9010B                              | MY60242081                     | 10/23/2024                | 10/22/2025               |
| Loop Antenna                       | COM-POWER | AL-130R                             | 10160104                       | 12/19/2024                | 12/18/2025               |
| Pre-Amplifier                      | HP        | 8447D                               | 2944A09469                     | 07/14/2025                | 07/13/2026               |
| Site Cal                           | SGS       | SAC 1                               | N/A                            | 07/14/2025                | 07/13/2026               |
| Test Software                      | Audix     | e3                                  | Ver. 9.210616                  | N.C.R                     | N.C.R                    |

### 4.3 Emission from AC power line

| AC Power-Line Conducted Emission Test Site: Conduction 1 |                       |                      |               |                           |                          |
|----------------------------------------------------------|-----------------------|----------------------|---------------|---------------------------|--------------------------|
| EQUIPMENT TYPE                                           | MFR                   | MODEL NUMBER         | SERIAL NUMBER | LAST CAL.<br>(mm/dd/yyyy) | CAL DUE.<br>(mm/dd/yyyy) |
| Coaxial Cables                                           | EMC Instruments Corp. | EMCCFD300-BM-BM-3000 | 161207        | 06/22/2025                | 06/21/2026               |
| EMI Test Receiver                                        | R&S                   | ESCI 7               | 100759        | 09/02/2025                | 09/01/2026               |
| LISN                                                     | SCHWARZBECK           | NSLK 8127            | 1041          | 11/04/2024                | 11/03/2025               |
| Pulse Limiter                                            | SCHWARZBECK           | VTSD 9561F-N         | 793           | 06/22/2025                | 06/21/2026               |
| Test Software                                            | Audix                 | e3                   | Ver. 9.210616 | N.C.R                     | N.C.R                    |

**NOTE:** N.C.R refers to Not Calibrated Required.

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## 5 REGULATORY REQUIREMENTS

### 5.1 Radiated Emission

#### 5.1.1 Field Strength of Fundamental Emission

KDB 414788 D01 OATS and 3m semi-anechoic chamber Justification:

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. OATS and 3m SAC chamber testing had been performed and 3m SAC measured test result is the worst case test result.

| Frequency of Emission (MHz) | Field Strength (μV/m)at 30m | Field Strength (dBμV/m)at 30m |
|-----------------------------|-----------------------------|-------------------------------|
| 1.705~13.110                | 30                          | 29.5                          |
| 13.110~13.410               | 106                         | 40.5                          |
| 13.410~13.553               | 334                         | 50.5                          |
| 13.553~13.567               | 15848                       | 84                            |
| 13.567~13.710               | 334                         | 50.5                          |
| 13.710~14.010               | 106                         | 40.5                          |
| 14.010~30.00                | 30                          | 29.5                          |

#### Distance Extrapolation Factor

**30m to 3m:** Distance extrapolation =  $40 \cdot \log(30/3) = 40$  dB

**30m to 10m:** Distance extrapolation =  $40 \cdot \log(30/10) = 19.08$  dB

**10m to 3m:** Distance extrapolation =  $40 \cdot \log(10/3) = 20.92$  dB

#### Note:

1. Distance extrapolation factor =  $40 \log(\text{required distance}/\text{test distance})$  (dB)
2. The lower limit shall apply at the transition frequencies.

### 5.2 Radiated Spurious Emission Measurement

The field strength of any emissions appearing outside of the 13.110-14.010 MHz shall not exceed the general radiated emission limits as below.

| Frequency (MHz) | Field strength (μV/m) | Distance (meters) |
|-----------------|-----------------------|-------------------|
| 0.009~0.490     | 2400/F(kHz)           | 300               |
| 0.490~1.705     | 24000/F(kHz)          | 30                |
| 1.705-30        | 30                    | 30                |
| 30-88           | 100                   | 3                 |
| 88-216          | 150                   | 3                 |
| 216-960         | 200                   | 3                 |

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|           |     |   |
|-----------|-----|---|
| Above 960 | 500 | 3 |
|-----------|-----|---|

**Note:**

1. Emission level in  $\text{dB}\mu\text{V}/\text{m}=20 \log (\mu\text{V}/\text{m})$
2. Distance extrapolation factor =  $40 \log (\text{required distance}/\text{test distance})$  (dB)
3.  $20*\log(30\mu\text{V}/\text{m}) = 29.54 \text{ dB}\mu\text{V}/\text{m}$
4. The lower limit shall apply at the transition frequencies.
5. The measurement was undertaken in closer distance at 3m, where extrapolation factor is offset to convert the limit of the measurement.
6. The general radiated emission limits apply to spurious emissions generated by the UE, except for fundamental emissions where specific provisions are stated in the relevant sections.

**5.3 Frequency Stability**

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

**5.4 Emission Bandwidth**

The 20 dB and 99% bandwidth shall be specified in operating frequency band.

**5.5 AC Power Line Conducted Emission**

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

| Frequency range<br>MHz                                                                                                                                                                | Limits<br>(dBuV) |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
|                                                                                                                                                                                       | Quasi-peak       | Average  |
| 0.15 to 0.50                                                                                                                                                                          | 66 to 56         | 56 to 46 |
| 0.50 to 5                                                                                                                                                                             | 56               | 46       |
| 5 to 30                                                                                                                                                                               | 60               | 50       |
| <b>Note</b><br>1. The lower limit shall apply at the transition frequencies<br>2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. |                  |          |

**5.6 Antenna Requirement**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be

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professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

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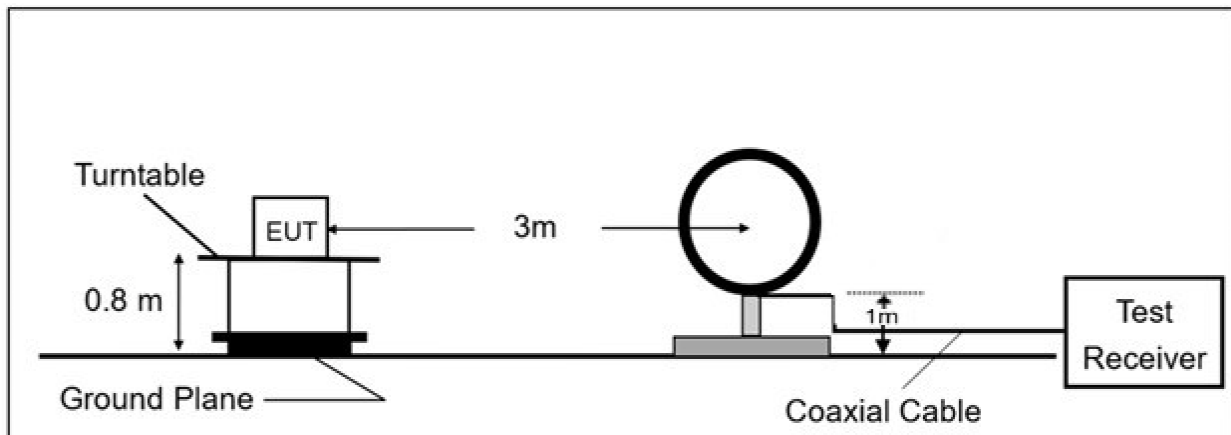
## 6 TEST CONFIGURATION

### 6.1 Radiated Emission

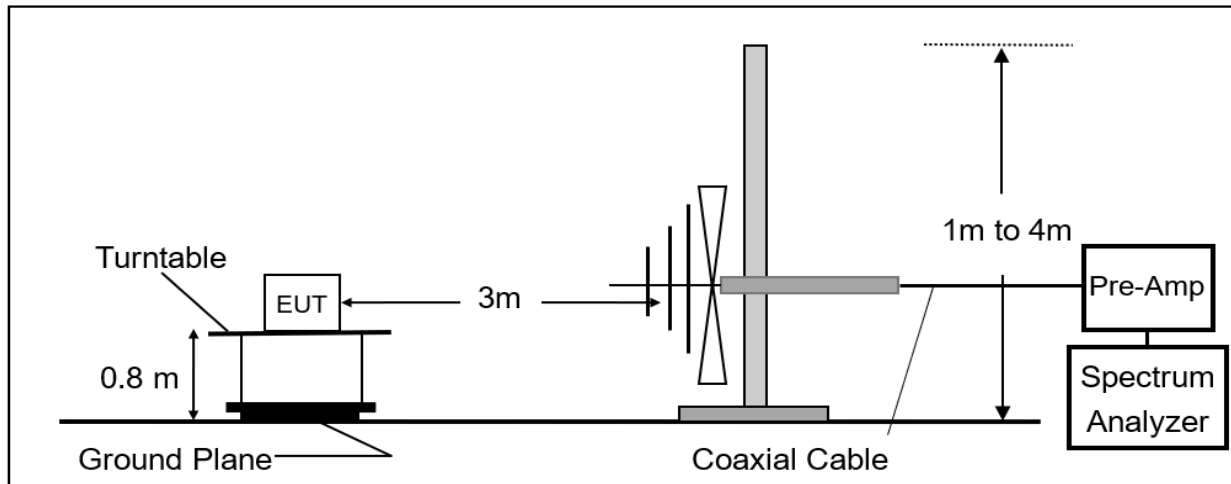
Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

#### (A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



#### (B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



1. Configure the EUT according to ANSI C63.10.
2. The EUT was placed on a turn table which is 0.8m above ground plane and been measured in the frequency range between 0.009MHz to 30MHz and 30MHz to 1GHz.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission.

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5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. Repeat above procedures until all default test channel measured were complete.

**Note:** The emissions from 9 kHz to 30MHz was pre-scanned as 20dB lower than the limits and hence not reported.

### 6.1.1 Field Strength Calculation

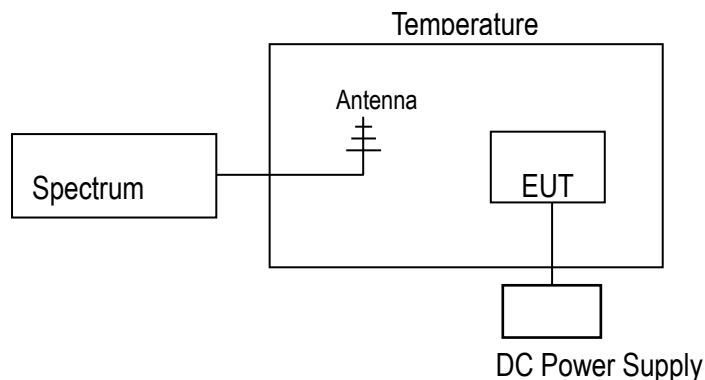
The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

**Where** *FS* = Field Strength(dBμV/m)      *CL* = Cable Attenuation Factor (Cable Loss) (dB)  
*RA* = Reading Amplitude(dBμV)      *AG* = Amplifier Gain (dB)  
*AF* = Antenna Factor (dBμV/m)

*The limit of the emission level is expressed in dBuV/m, which converts 20\*log(uV/m)*

### 6.2 Frequency Stability

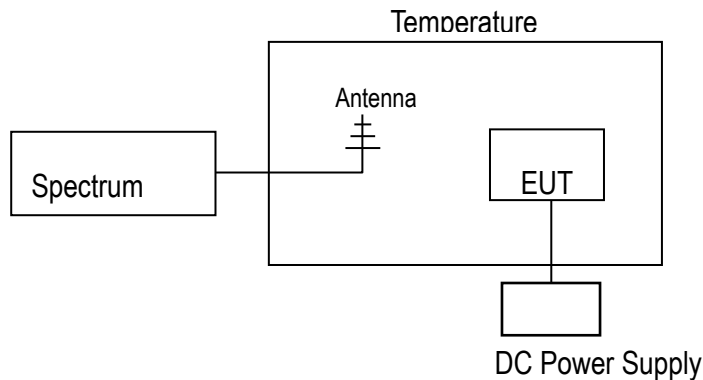


1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Set EUT as normal operation
3. Set the spectrum analyzer as  
Center Frequency = fundamental frequency,  
RBW= 10kHz,  
VBW= 10kHz,  
Span =100kHz.
4. Set SPA Max hold. Mark peak.

### 6.3 Emission Bandwidth

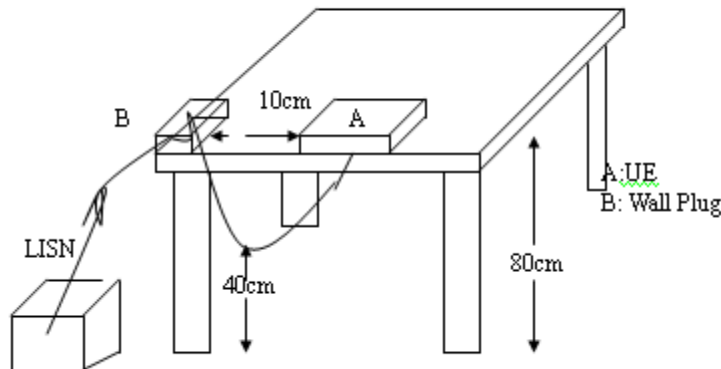
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1. Placed the EUT on the testing table.
2. Set the EUT under transmission condition continuously at specific channel frequency.
3. Set the spectrum analyzer as  
Center Frequency = fundamental frequency,  
RBW=1% to 5% OBW and without going below 0.1kHz,  
VBW $\geq$ 3 x RBW,  
Span = 2 to 5 times OBW
4. Use the 99% power bandwidth and X dB bandwidth mode function of the spectrum analyzer and set to 20dB

## 6.4 AC Power Line Conducted Emission



1. The conducted emission tests were performed at the designated test site using a setup in accordance with ANSI C63.10.
2. The EUT was placed on a non-conductive table that is 0.8 meters above the ground plane. Conducted emissions were measured in the frequency range from 0.15 MHz to 30 MHz using CISPR Quasi-Peak and Average detector modes. The two LISNs provided 50  $\mu$ H / 50 ohm coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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3. The AC/DC power adaptor of the EUT was connected to the LISN. The EUT was positioned flush with the rear edge of the table, with a minimum 0.4-meter distance from the shielding wall.
4. The LISNs were connected to the power source and configured according to the test requirements.
5. The maximum emission levels were investigated for each mode of operation. The six highest emissions were further maximized to ensure compliance.
6. The above procedures were repeated for all power supply configurations of the EUT.

Level = Read Level + Factor

Factor = (LISN, ISN, or current probe)Factor + Cable Loss +Attenuator

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## 7 TEST RESULTS

### 7.1 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

|                           |                                            |
|---------------------------|--------------------------------------------|
| Where FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) |
| RA = Reading Amplitude    | AG = Amplifier Gain                        |
| AF = Antenna Factor       |                                            |

Actual FS(dBμV/m) = Spectrum. Reading level(dBμV) + Factor(dB)

Below 30 MHz of Factor(dB) = Antenna Factor(dB/m) + Cable Loss(dB) – Distance Factor (dB)

Above 30 MHz of Factor(dB) = Antenna Factor(dB/m) + Cable Loss(dB) – Pre\_Amp Gain (dB)

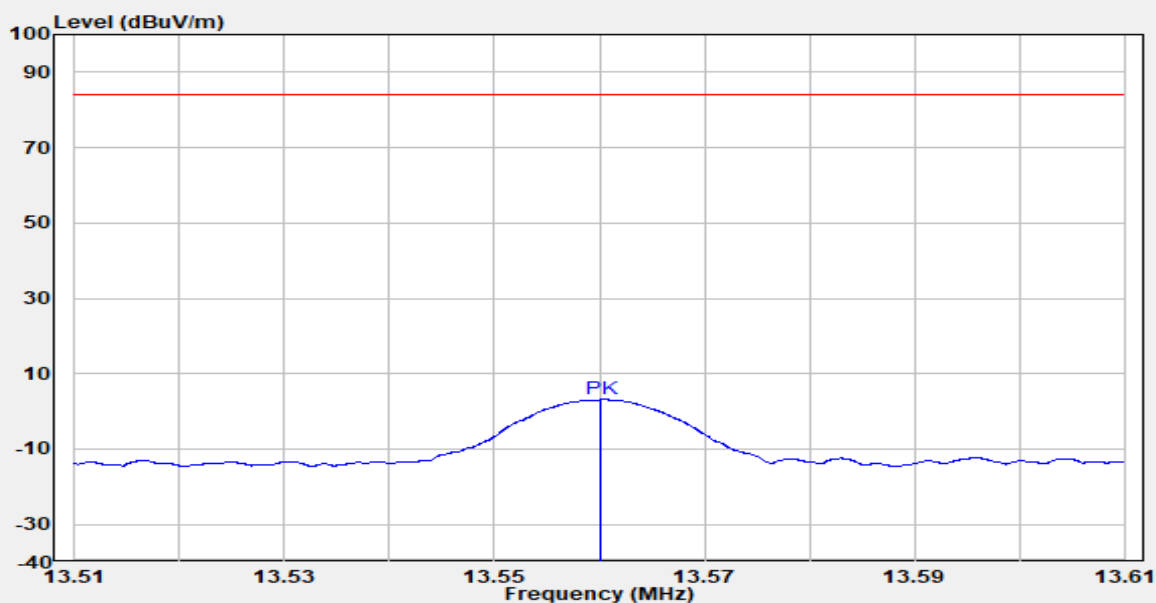
The trace on RE(radiation emission) plot is as colored blue, and the detection manner we've employed is peak detector.

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## 7.1.1 Field Strength of Fundamental Emission Measurement Result

|                |                   |              |             |
|----------------|-------------------|--------------|-------------|
| Report Number  | :TERF2509002898ER | Test Site    | :SAC 1      |
| Operation Mode | :NFC              | Test Date    | :2025-09-12 |
| Test Frequency | :13.56 MHz        | Temp./Humi.  | :23.2°C/66% |
| Test Mode      | :Main             | Antenna Pol. | :Parallel   |
| EUT Pol        | :E1 Plane         | Engineer     | :WJ Lin     |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.560       | Peak                         | 27.68                             | -24.60       | 3.08                   | 84.00           | -80.92       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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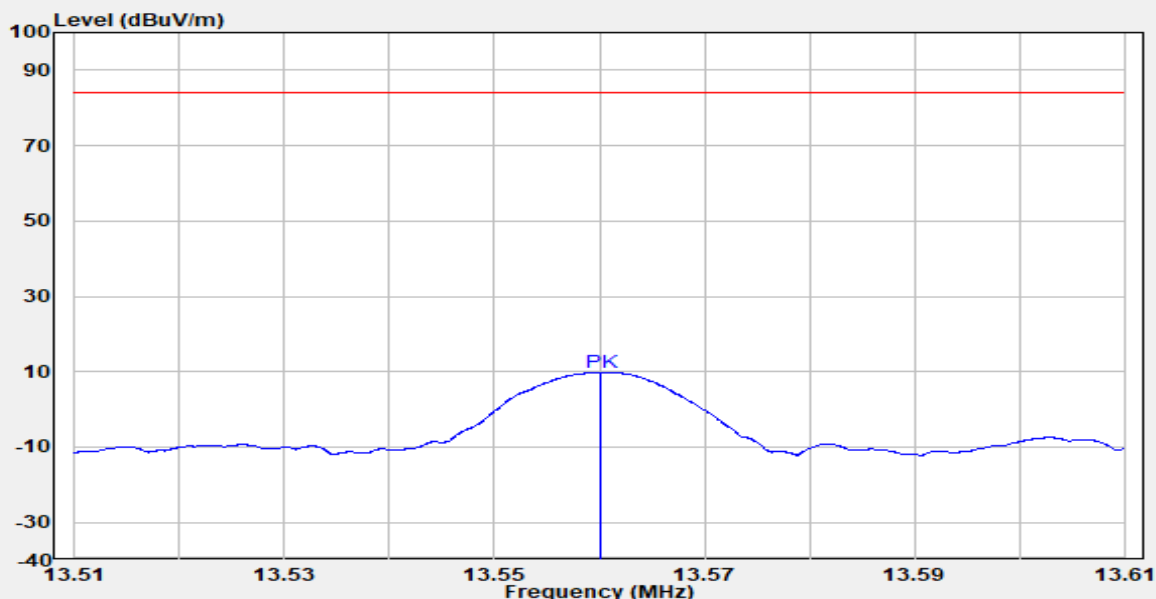
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Main  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Perpendicular  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.560       | Peak                         | 34.44                             | -24.60       | 9.84                   | 84.00           | -74.16       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m,within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m,within the band 490 kHz - 30 MHz.

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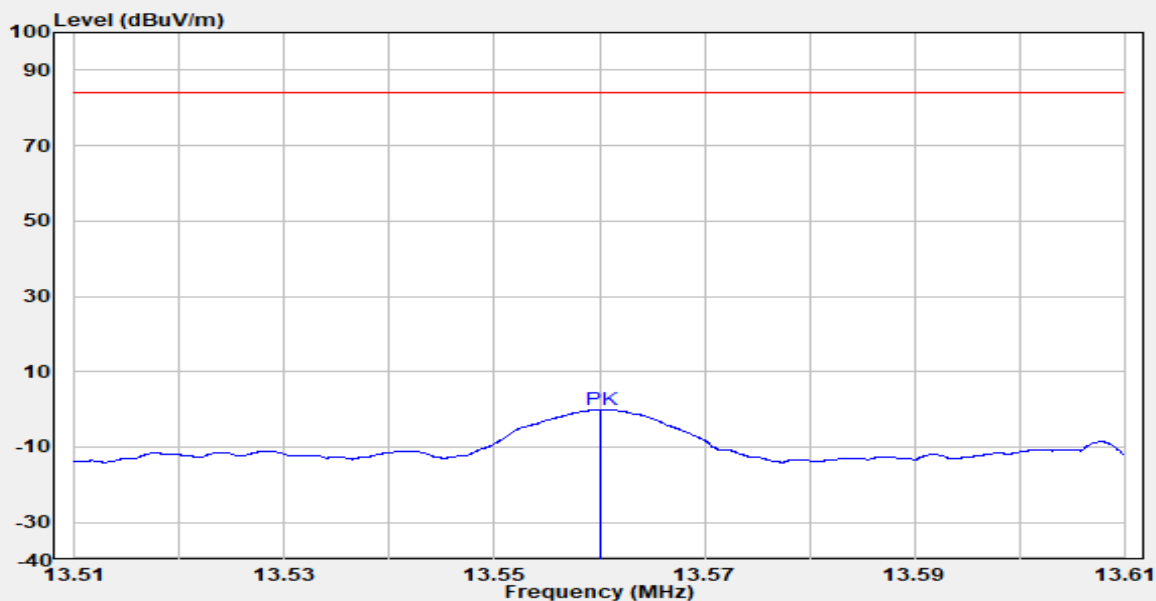
f (886-2) 2298-0488

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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Main  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Ground Parallel  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.560       | Peak                         | 24.50                             | -24.60       | -0.11                  | 84.00           | -84.11       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m,within the band 9 kHz - 490 kHz.

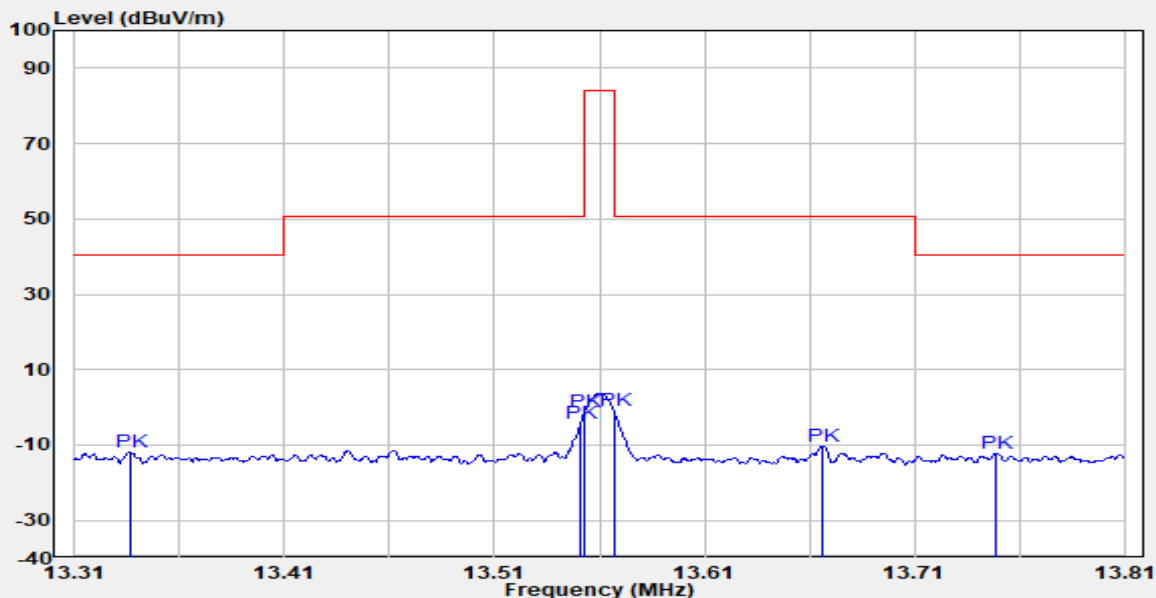
Field strength (dBuV/m) at 30m,within the band 490 kHz - 30 MHz.

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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Mask  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Parallel  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.337       | Peak                         | 12.58                             | -24.54       | -11.96                 | 40.50           | -52.46       |
| 13.551       | Peak                         | 20.40                             | -24.60       | -4.21                  | 50.50           | -54.71       |
| 13.553       | Peak                         | 23.33                             | -24.60       | -1.27                  | 50.50           | -51.77       |
| 13.567       | Peak                         | 23.61                             | -24.61       | -1.00                  | 50.50           | -51.50       |
| 13.667       | Peak                         | 14.27                             | -24.64       | -10.36                 | 50.50           | -60.86       |
| 13.749       | Peak                         | 12.38                             | -24.66       | -12.28                 | 40.50           | -52.78       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m,within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m,within the band 490 kHz - 30 MHz.

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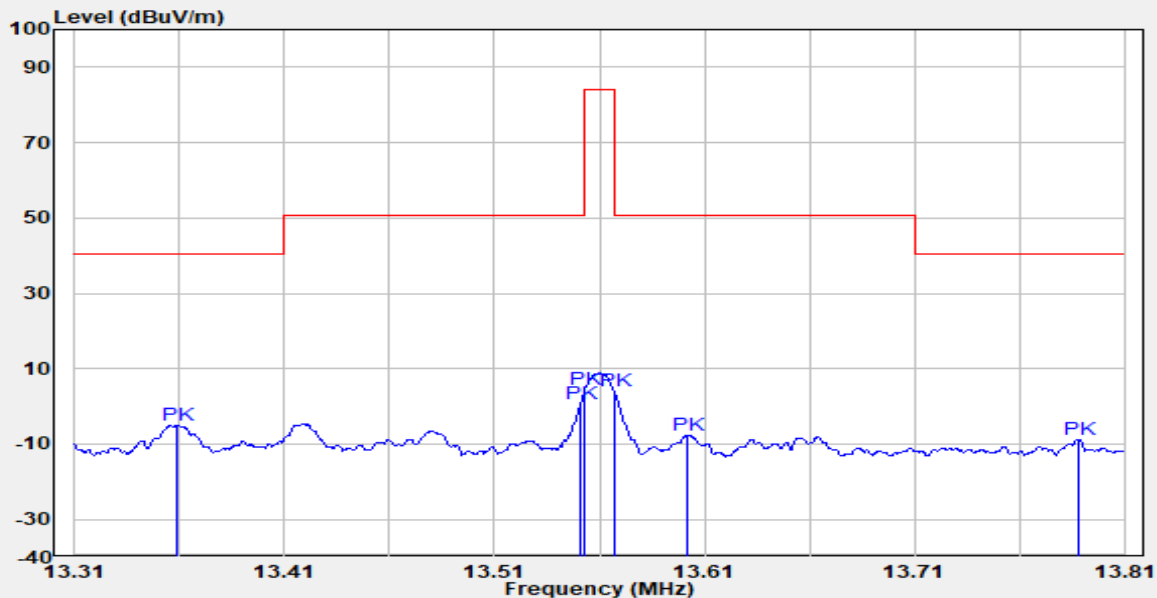
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Mask  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Perpendicular  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.359       | Peak                         | 19.47                             | -24.55       | -5.08                  | 40.50           | -45.58       |
| 13.551       | Peak                         | 25.27                             | -24.60       | 0.66                   | 50.50           | -49.84       |
| 13.553       | Peak                         | 28.85                             | -24.60       | 4.25                   | 50.50           | -46.25       |
| 13.567       | Peak                         | 28.75                             | -24.61       | 4.15                   | 50.50           | -46.35       |
| 13.602       | Peak                         | 16.83                             | -24.62       | -7.78                  | 50.50           | -58.28       |
| 13.788       | Peak                         | 15.84                             | -24.67       | -8.83                  | 40.50           | -49.33       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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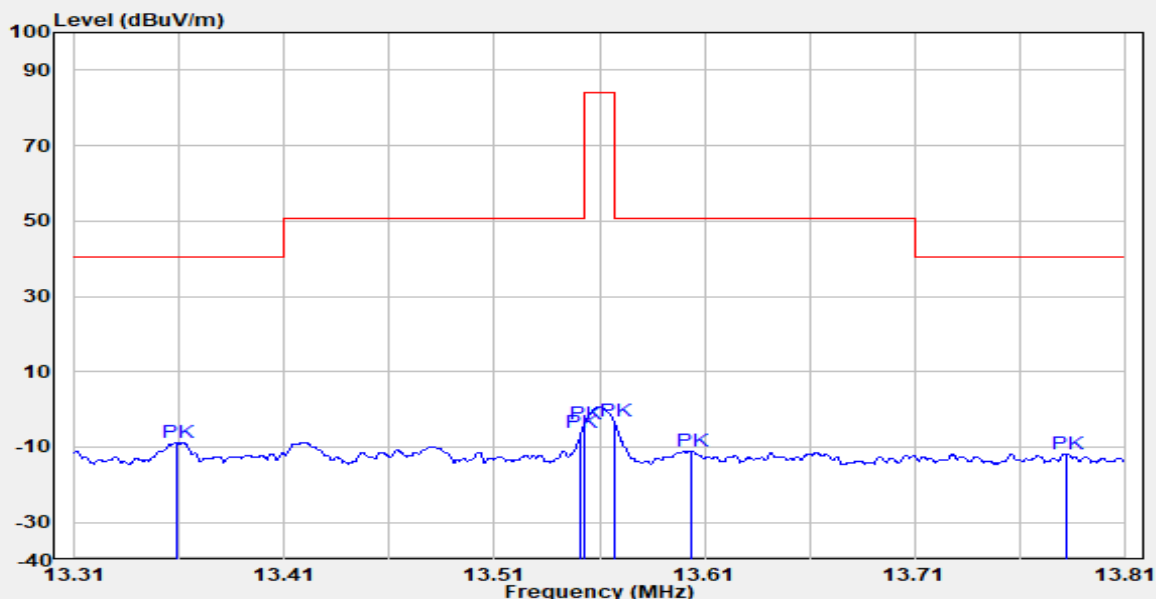
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Mask  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Ground Parallel  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 13.359       | Peak                         | 15.78                             | -24.55       | -8.76                  | 40.50           | -49.26       |
| 13.551       | Peak                         | 18.24                             | -24.60       | -6.37                  | 50.50           | -56.87       |
| 13.553       | Peak                         | 20.83                             | -24.60       | -3.78                  | 50.50           | -54.28       |
| 13.567       | Peak                         | 21.59                             | -24.61       | -3.02                  | 50.50           | -53.52       |
| 13.604       | Peak                         | 13.60                             | -24.62       | -11.02                 | 50.50           | -61.52       |
| 13.783       | Peak                         | 12.86                             | -24.67       | -11.81                 | 40.50           | -52.31       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m,within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m,within the band 490 kHz - 30 MHz.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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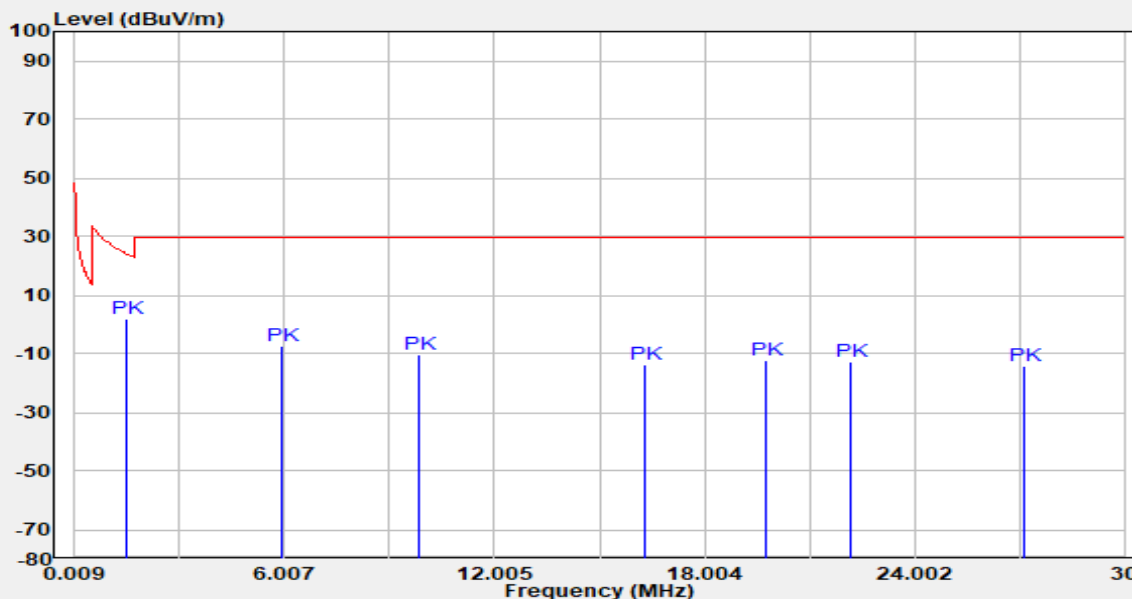
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## 7.1.2 Radiated Spurious Emission Measurement Result

|                |                   |              |             |
|----------------|-------------------|--------------|-------------|
| Report Number  | :TERF2509002898ER | Test Site    | :SAC 1      |
| Operation Mode | :NFC              | Test Date    | :2025-09-12 |
| Test Frequency | :13.56 MHz        | Temp./Humi.  | :23.2°C/66% |
| Test Mode      | :Tx               | Antenna Pol. | :Parallel   |
| EUT Pol        | :E1 Plane         | Engineer     | :WJ Lin     |



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 1.509        | Peak                         | 28.02                             | -26.06       | 1.96                   | 24.03           | -22.08       |
| 5.947        | Peak                         | 17.04                             | -24.37       | -7.32                  | 29.54           | -36.86       |
| 9.846        | Peak                         | 14.40                             | -24.45       | -10.05                 | 29.54           | -39.59       |
| 16.294       | Peak                         | 10.84                             | -24.42       | -13.58                 | 29.54           | -43.12       |
| 19.743       | Peak                         | 11.99                             | -24.29       | -12.31                 | 29.54           | -41.85       |
| 22.202       | Peak                         | 12.78                             | -25.64       | -12.86                 | 29.54           | -42.40       |
| 27.120       | Peak                         | 11.80                             | -25.91       | -14.12                 | 29.54           | -43.66       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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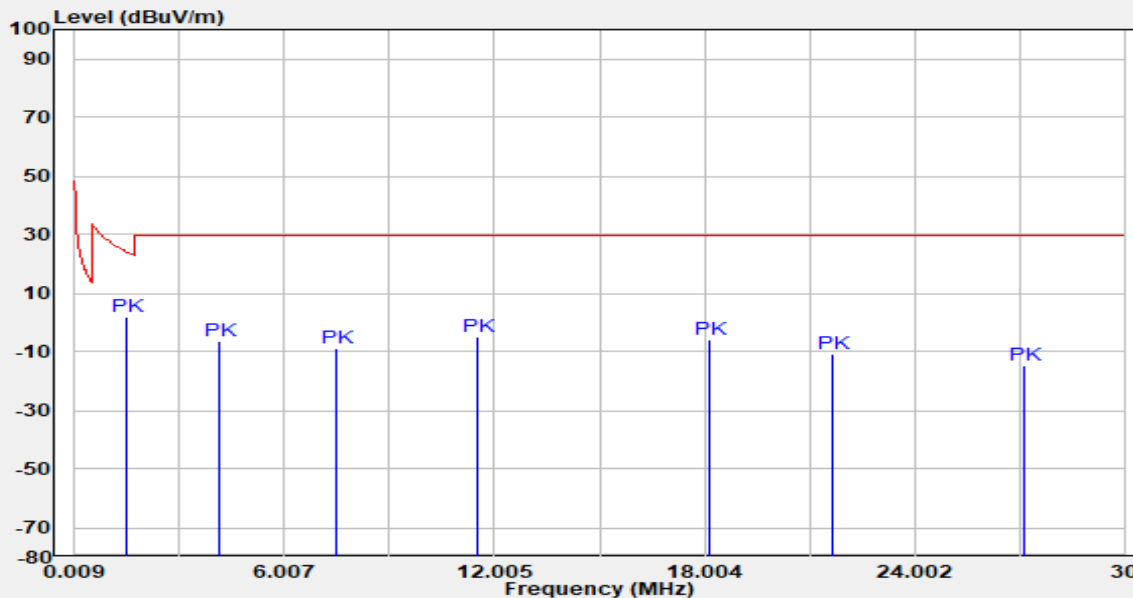
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Perpendicular  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 1.509        | Peak                         | 27.78                             | -26.06       | 1.72                   | 24.03           | -22.31       |
| 4.118        | Peak                         | 18.67                             | -25.24       | -6.57                  | 29.54           | -36.11       |
| 7.507        | Peak                         | 16.01                             | -24.85       | -8.85                  | 29.54           | -38.39       |
| 11.496       | Peak                         | 19.13                             | -24.06       | -4.93                  | 29.54           | -34.47       |
| 18.154       | Peak                         | 18.00                             | -24.09       | -6.09                  | 29.54           | -35.63       |
| 21.663       | Peak                         | 14.53                             | -25.35       | -10.82                 | 29.54           | -40.36       |
| 27.120       | Peak                         | 11.33                             | -25.91       | -14.59                 | 29.54           | -44.13       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

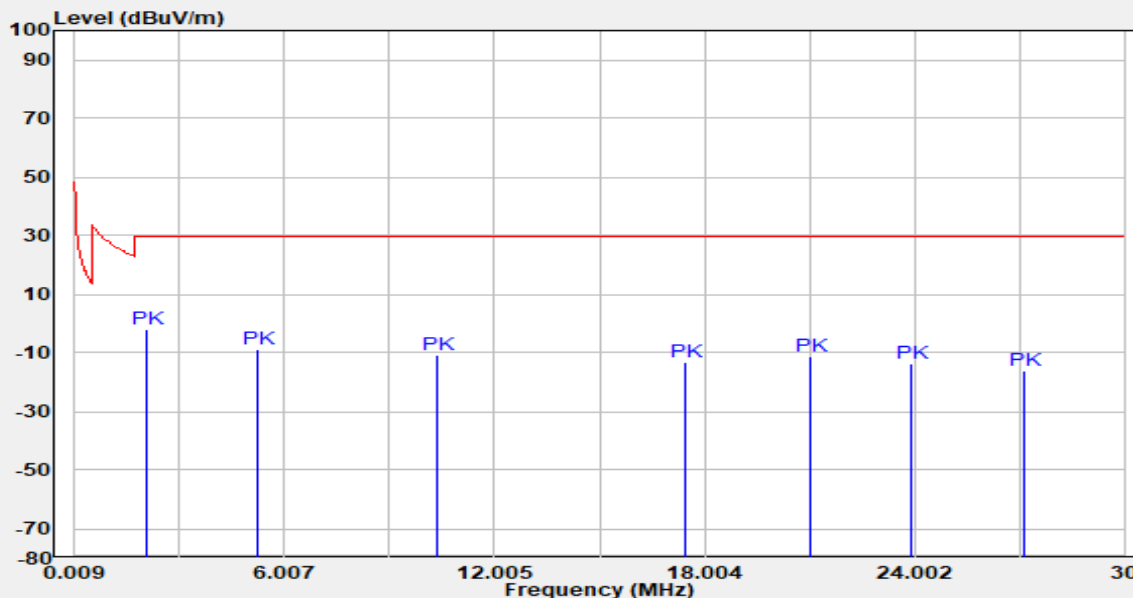
Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Ground Parallel  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 2.048        | Peak                         | 23.88                             | -25.95       | -2.06                  | 29.54           | -31.60       |
| 5.257        | Peak                         | 16.44                             | -24.99       | -8.56                  | 29.54           | -38.10       |
| 10.356       | Peak                         | 13.73                             | -24.26       | -10.53                 | 29.54           | -40.07       |
| 17.464       | Peak                         | 11.13                             | -24.15       | -13.02                 | 29.54           | -42.56       |
| 21.003       | Peak                         | 13.66                             | -24.96       | -11.30                 | 29.54           | -40.84       |
| 23.912       | Peak                         | 12.59                             | -26.03       | -13.44                 | 29.54           | -42.98       |
| 27.120       | Peak                         | 9.63                              | -25.91       | -16.28                 | 29.54           | -45.82       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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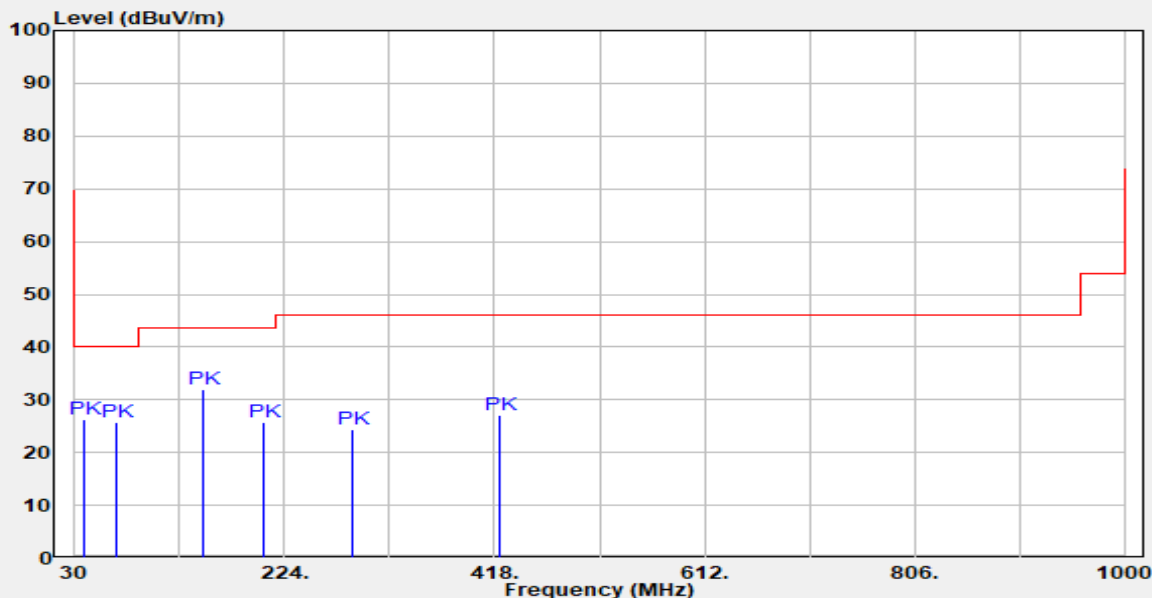
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Vertical  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBuV | Factor<br>dB | Actual<br>FS<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 37.760       | Peak                         | 34.93                             | -8.69        | 26.24                  | 40.00           | -13.76       |
| 67.830       | Peak                         | 43.19                             | -17.41       | 25.77                  | 40.00           | -14.23       |
| 149.310      | Peak                         | 44.57                             | -12.55       | 32.02                  | 43.50           | -11.48       |
| 203.630      | Peak                         | 38.92                             | -13.09       | 25.83                  | 43.50           | -17.67       |
| 286.080      | Peak                         | 33.36                             | -8.99        | 24.37                  | 46.00           | -21.63       |
| 422.850      | Peak                         | 32.75                             | -5.65        | 27.10                  | 46.00           | -18.90       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

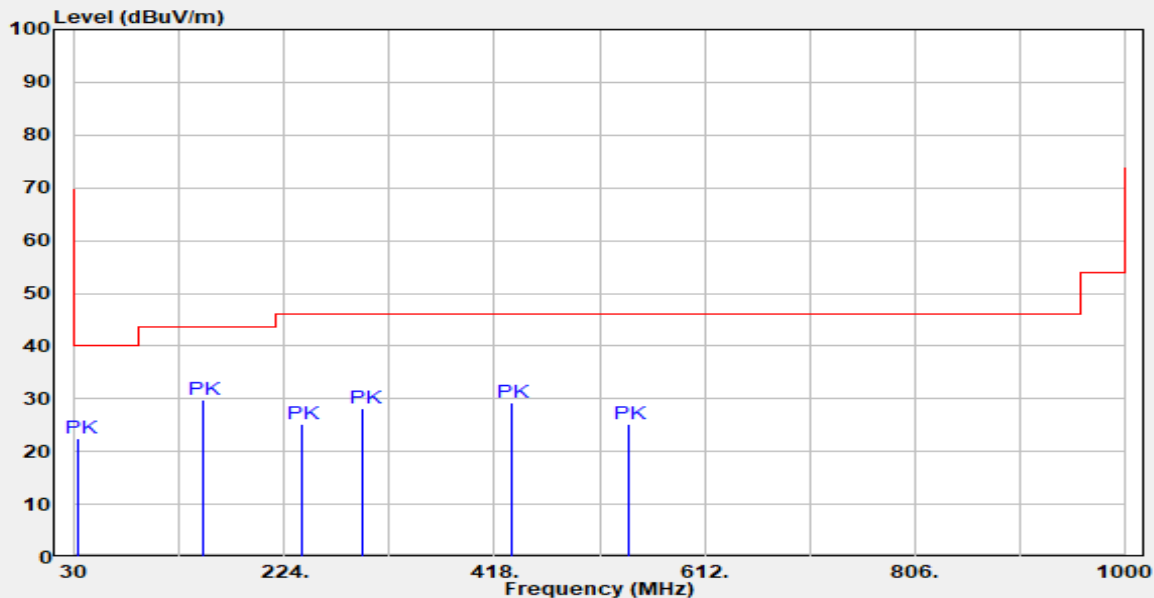
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Report Number :TERF2509002898ER  
 Operation Mode :NFC  
 Test Frequency :13.56 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 1  
 Test Date :2025-09-12  
 Temp./Humi. :23.2°C/66%  
 Antenna Pol. :Horizontal  
 Engineer :WJ Lin



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|-----------------|--------------|
| 33.880       | Peak                         | 29.18                             | -6.68        | 22.50                  | 40.00           | -17.50       |
| 149.310      | Peak                         | 42.38                             | -12.55       | 29.83                  | 43.50           | -13.67       |
| 239.520      | Peak                         | 36.08                             | -10.97       | 25.11                  | 46.00           | -20.89       |
| 296.750      | Peak                         | 36.67                             | -8.62        | 28.05                  | 46.00           | -17.95       |
| 434.490      | Peak                         | 34.94                             | -5.71        | 29.23                  | 46.00           | -16.77       |
| 542.160      | Peak                         | 28.89                             | -3.81        | 25.08                  | 46.00           | -20.92       |

Actual level = Reading level + Factor

Factor = Antenna factor + cable loss – Pre\_Amplifier Gain – distance factor

Test distance= 3m

For Actual level and limit:

Field strength (dBuV/m) at 300m, within the band 9 kHz - 490 kHz.

Field strength (dBuV/m) at 30m, within the band 490 kHz - 30 MHz.

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## 7.2 Frequency Stability

### Startup

#### A. Temperature Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 120          | -20              | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | -10              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | 0                | 13.559757 | -0.24300    | +/- 1.356   |
| 120          | 10               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 30               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 40               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 50               | 13.559737 | -0.26300    | +/- 1.356   |

#### B. Supply Voltage Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 138          | 20               | 13.559757 | -0.24300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 102          | 20               | 13.559757 | -0.24300    | +/- 1.356   |

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2 minutes

## A. Temperature Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 120          | -20              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | -10              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | 0                | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 10               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 30               | 13.559757 | -0.24300    | +/- 1.356   |
| 120          | 40               | 13.559777 | -0.22300    | +/- 1.356   |
| 120          | 50               | 13.559787 | -0.21300    | +/- 1.356   |

## B. Supply Voltage Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 138          | 20               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 102          | 20               | 13.559747 | -0.25300    | +/- 1.356   |

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## 5 minutes

## A. Temperature Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 120          | -20              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | -10              | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 0                | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 10               | 13.559757 | -0.24300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 30               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 40               | 13.559787 | -0.21300    | +/- 1.356   |
| 120          | 50               | 13.559787 | -0.21300    | +/- 1.356   |

## B. Supply Voltage Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 138          | 20               | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 102          | 20               | 13.559797 | -0.20300    | +/- 1.356   |

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## 10 minutes

## A. Temperature Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 120          | -20              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | -10              | 13.559727 | -0.27300    | +/- 1.356   |
| 120          | 0                | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 10               | 13.559747 | -0.25300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 120          | 30               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 40               | 13.559737 | -0.26300    | +/- 1.356   |
| 120          | 50               | 13.559777 | -0.22300    | +/- 1.356   |

## B. Supply Voltage Variation

| Power Supply | Environment      | Frequency | Delta (kHz) | Limit (kHz) |
|--------------|------------------|-----------|-------------|-------------|
| Vac          | Temperature (°C) | (MHz)     |             |             |
| 138          | 20               | 13.559787 | -0.21300    | +/- 1.356   |
| 120          | 20               | 13.559767 | -0.23300    | +/- 1.356   |
| 102          | 20               | 13.559777 | -0.22300    | +/- 1.356   |

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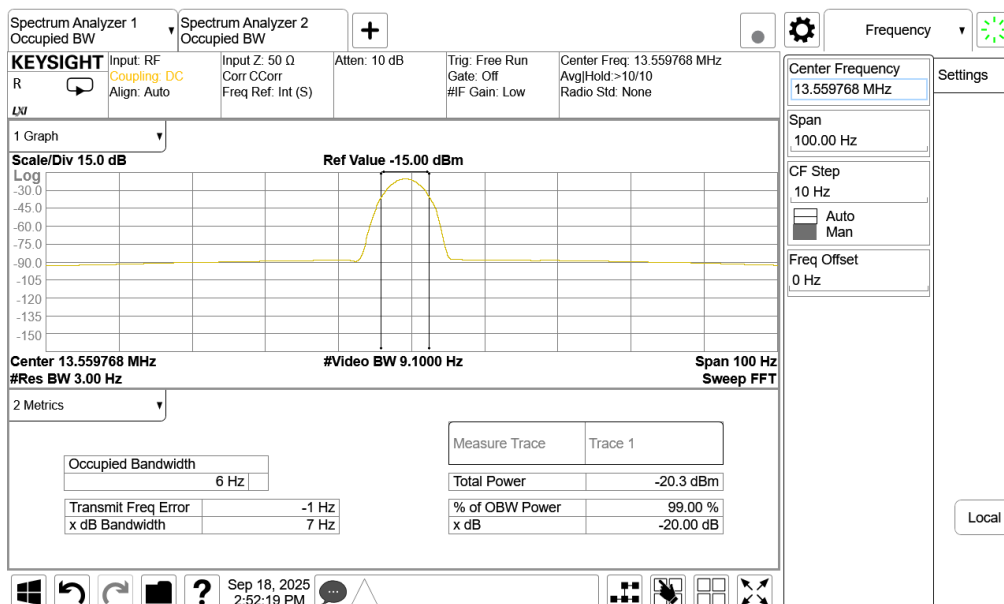
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### 7.3 Emission Bandwidth

|               |  |                 |                 |             |
|---------------|--|-----------------|-----------------|-------------|
| FCC           |  |                 |                 |             |
| 20dB BW (kHz) |  | Operation range | Frequency (MHz) | Limit (MHz) |
| 0.007         |  | Low             | 13.55976        | >13.11      |
|               |  | High            | 13.55977        | <14.01      |
| IC            |  |                 |                 |             |
| 99% BW (kHz)  |  |                 |                 |             |
| 0.006         |  |                 |                 |             |

#### 7.3.1 Bandwidth

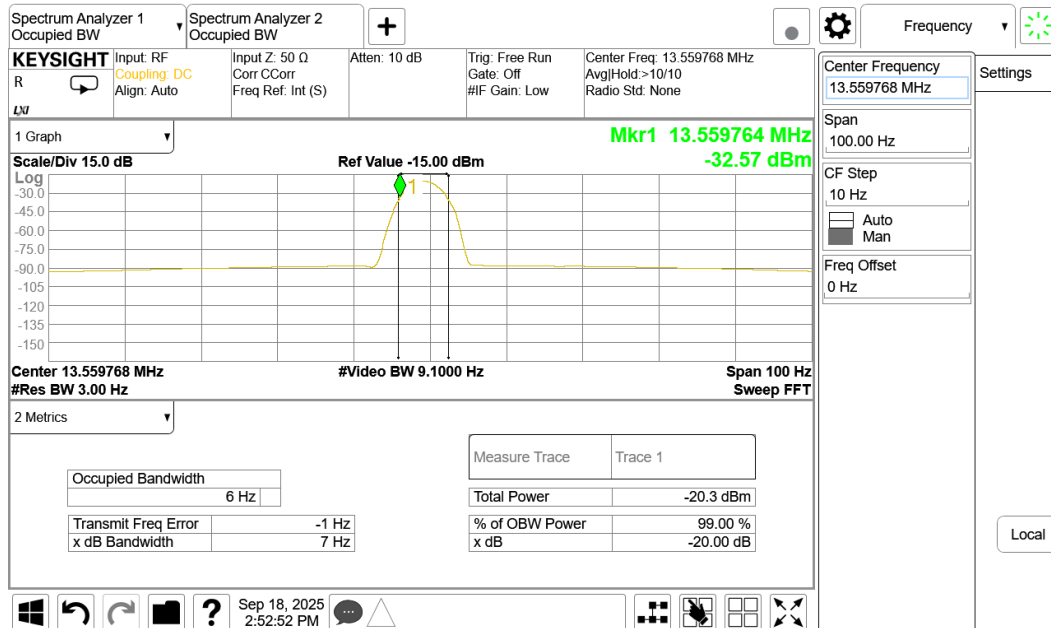


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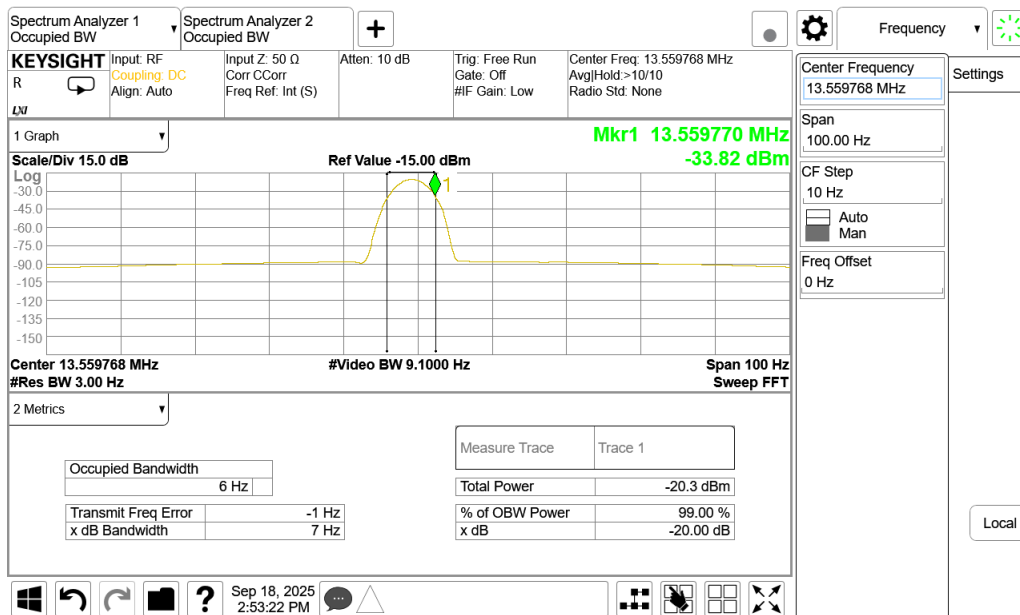
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## 7.3.2 Operation range low



## 7.3.3 Operation range High



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## 7.4 AC Power Line Conducted

Report Number :TERF2509002898ER

Operation Mode :NFC

Power :120V/60Hz

Probe :L

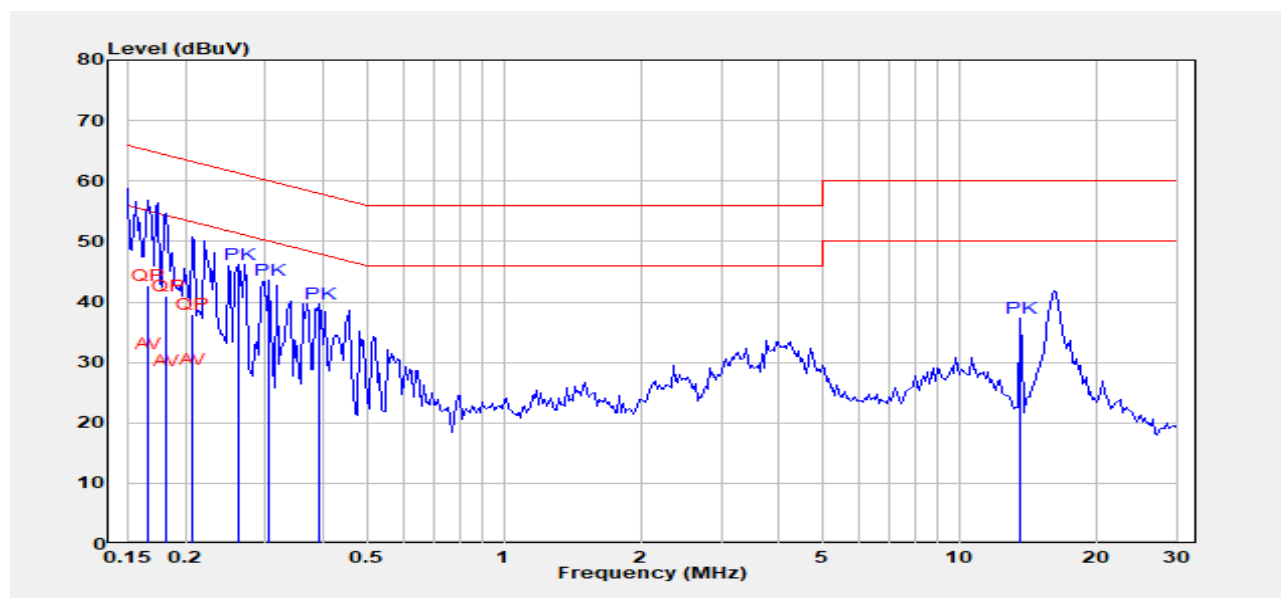
Note: :

Test Site :Conduction 1

Test Date :2025-09-11

Temp./Humi. :24.5°C/54%

Engineer :Dante Ding



| Freq.  | Detector | Spectrum      | Factor | Actual     | Limit      | Margin |
|--------|----------|---------------|--------|------------|------------|--------|
| MHz    | Mode     | Reading Level |        | FS         |            |        |
|        | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V | dB $\mu$ V | dB     |
| 0.165  | Average  | 21.40         | 10.13  | 31.53      | 55.21      | -23.68 |
| 0.165  | QP       | 32.50         | 10.13  | 42.63      | 65.21      | -22.58 |
| 0.182  | Average  | 18.50         | 10.13  | 28.63      | 54.42      | -25.79 |
| 0.182  | QP       | 30.90         | 10.13  | 41.03      | 64.42      | -23.39 |
| 0.206  | Average  | 18.70         | 10.13  | 28.83      | 53.36      | -24.53 |
| 0.206  | QP       | 27.90         | 10.13  | 38.03      | 63.36      | -25.33 |
| 0.260  | Peak     | 36.06         | 10.14  | 46.20      | 61.42      | -15.22 |
| 0.305  | Peak     | 33.50         | 10.14  | 43.65      | 60.10      | -16.46 |
| 0.393  | Peak     | 29.59         | 10.15  | 39.74      | 57.99      | -18.25 |
| 13.560 | Peak     | 26.94         | 10.45  | 37.39      | -          | -      |

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Report Number :TERF2509002898ER

Operation Mode :NFC

Power :120V/60Hz

Probe :N

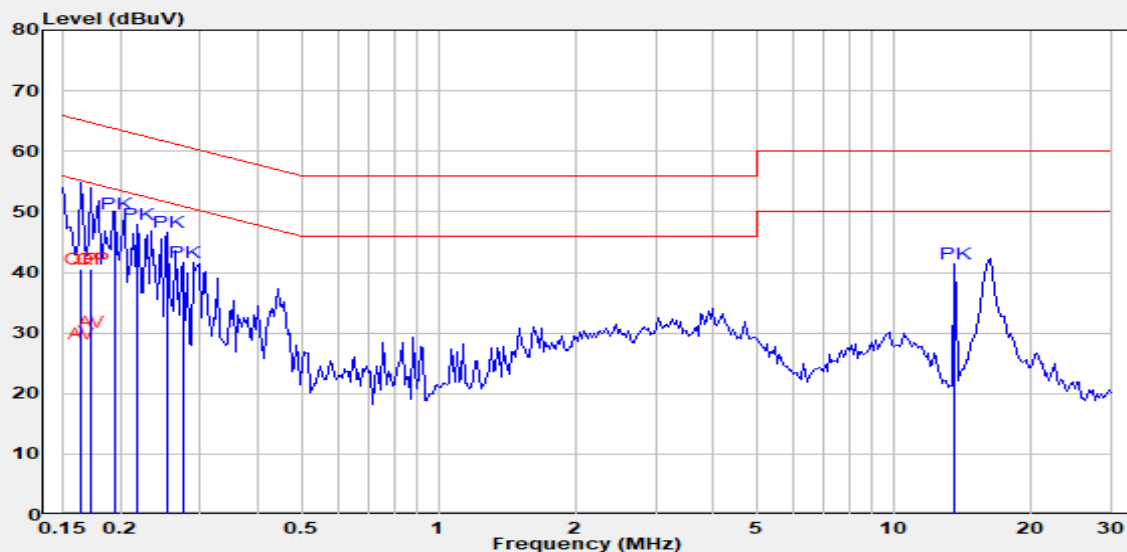
Note: :

Test Site :Conduction 1

Test Date :2025-09-11

Temp./Humi. :24.5°C/54%

Engineer :Dante Ding



| Freq.  | Detector | Spectrum      | Factor | Actual | Limit | Margin |
|--------|----------|---------------|--------|--------|-------|--------|
| MHz    | Mode     | Reading Level |        | FS     |       |        |
|        | PK/QP/AV | dBμV          | dB     | dBμV   | dBμV  | dB     |
| 0.163  | Average  | 18.00         | 10.12  | 28.12  | 55.30 | -27.18 |
| 0.163  | QP       | 30.50         | 10.12  | 40.62  | 65.30 | -24.68 |
| 0.172  | Average  | 20.00         | 10.12  | 30.12  | 54.86 | -24.74 |
| 0.172  | QP       | 30.50         | 10.12  | 40.62  | 64.86 | -24.24 |
| 0.195  | Peak     | 39.52         | 10.12  | 49.64  | 63.80 | -14.16 |
| 0.217  | Peak     | 37.77         | 10.12  | 47.89  | 62.92 | -15.03 |
| 0.255  | Peak     | 36.46         | 10.13  | 46.59  | 61.60 | -15.01 |
| 0.274  | Peak     | 31.46         | 10.13  | 41.59  | 60.98 | -19.39 |
| 13.560 | Peak     | 30.84         | 10.48  | 41.33  | -     | -      |

~ End of Report ~

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