



# FCC Test Report

**Test Report**

**On Behalf of**

**TRUSTSTONE GROUP, LLC**

**For**

**3-IN-1 FOLDABLE MAGNETIC WIRELESS CHARGING**

**Model No.: PY-3IN1MCH, PY-3IN1MCH-BLK, PY-3IN1MCH-WHT,  
PY-3IN1MCH-PNK, PY-3IN1MCH-MMT**

**FCC ID: 2BBPLPY3IN1MCH**

**Prepared For :** TRUSTSTONE GROUP, LLC

**1370 Broadway 9th floor New York, NY 10018 United States**

**Prepared By :** Shenzhen HUAK Testing Technology Co., Ltd.

**1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping,  
Fuhai Street, Bao'an District, Shenzhen, Guangdong, China**

**Date of Test:** Jun. 18, 2024 ~ Jun. 25, 2024

**Date of Report:** Jun. 25, 2024

**Report Number:** HK2406183172-1E



### Test Result Certification

**Applicant's Name** ..... : TRUSTSTONE GROUP, LLC

Address..... : 1370 Broadway 9th floor New York, NY 10018 United States

**Manufacturer's Name** ..... : TRUSTSTONE GROUP, LLC

Address..... : 1370 Broadway 9th floor New York, NY 10018 United States

#### Product Description

Trade Mark ..... : XO POPPY

Product Name ..... : 3-IN-1 FOLDABLE MAGNETIC WIRELESS CHARGING

Model and/or Type Reference: PY-3IN1MCH, PY-3IN1MCH-BLK, PY-3IN1MCH-WHT,  
PY-3IN1MCH-PNK, PY-3IN1MCH-MMT

**Standards** ..... : FCC CFR 47 PART 18

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**Date of Test** ..... :

Date (s) of performance of tests ..... : **Jun. 18, 2024 ~ Jun. 25, 2024**

Date of Issue..... : **Jun. 25, 2024**

Test Result..... : **Pass**

Testing Engineer :

(Len Liao)

Technical Manager :

(Sliver Wan)

Authorized Signatory :

(Jason Zhou)

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**\*\* Modified History \*\***

| Revision     | Description                 | Issued Data   | Remark     |
|--------------|-----------------------------|---------------|------------|
| Revision 1.0 | Initial Test Report Release | Jun. 25, 2024 | Jason Zhou |
|              |                             |               |            |
|              |                             |               |            |



# 1. Test Summary

## 1.1. Test Procedures and Results

| Description of Test      | Section Number | Result    |
|--------------------------|----------------|-----------|
| Conducted Emissions Test | 18.307         | COMPLIANT |
| Radiated Emission Test   | 18.305         | COMPLIANT |

**Note:**

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

## 1.2. Information of the Test Laboratory

Shenzhen HUAKE Testing Technology Co., Ltd.  
 Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping,  
 Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:  
 A2LA Accreditation Code is 4781.01.  
 FCC Designation Number is CA100229.  
 Canada IC CAB identifier is CN0045.  
 CNAS Registration Number is L9589.

## 1.3. Measurement Uncertainty

|   |               |
|---|---------------|
| Measurement Uncertainty                               |               |
| Conducted Emission Expanded Uncertainty               | = 2.71dB, k=2 |
| Radiated emission expanded uncertainty(9kHz-30MHz)    | = 3.90dB, k=2 |
| Radiated emission expanded uncertainty(30MHz-1000MHz) | = 3.90dB, k=2 |
| Radiated emission expanded uncertainty(Above 1GHz)    | = 4.28dB, k=2 |



## 2. General Information

### 2.1. General Description of EUT

|  |   |
|--|---|
| Equipment:   | 3-IN-1 FOLDABLE MAGNETIC WIRELESS CHARGING  |
| Model Name:  | PY-3IN1MCH  |
| Series Models:   | PY-3IN1MCH-BLK, PY-3IN1MCH-WHT, PY-3IN1MCH-PNK,<br>PY-3IN1MCH-MMT   |
| Model Difference:  | All model's the function, software and electric circuit are the same, only with product color and model named different. Test sample model: PY-3IN1MCH. |
| Trade Mark:  | XO POPPY  |
| FCC ID:  | 2BBPLPY3IN1MCH  |
| Antenna Type:  | Coil Antenna  |
| Operation Frequency:   | Mobile Phone + Earphones :112KHz~205KHz<br>Watch: 314KHz  |
| Test Frequency:  | Mobile Phone: 137KHz<br>Earphones: 127KHz<br>Watch: 314KHz  |
| Modulation Type:   | ASK   |
| Power Source:  | Input: DC9V/3A<br>Mobile Phone Output: 5W/7.5W/10W/15W<br>Earphones Output: 3W Max<br>Watch: 2W Max   |
| Power Rating:  | Input: DC9V/3A<br>Mobile Phone Output: 5W/7.5W/10W/15W<br>Earphones Output: 3W Max<br>Watch: 2W Max   |
| <p>Note: 1.The transfer system includes three coils, 3 coils can work individually or can work at the same time. All the situation has been tested, only the worst situation was recorded in the report.</p> <p>2. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.</p> <p>3. The test results in the report only apply to the tested sample.</p> |   |



## 2.2. Carrier Frequency of Channels

|    | Test Frequency |
|----|----------------|
| 01 | 137KHz         |
| 02 | 127KHz         |
| 03 | 314KHz         |



2.3. Test Mode

| Test Item                       | Test Mode | Description   |
|---------------------------------|-----------|---|
| Radiated & Conducted Test Cases | Mode 1    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <1%) + Earphones (Battery Status: <1%) + Watch (Battery Status: <1%)    |
|                                 | Mode 2    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <50%) + Earphones (Battery Status: <50%) + Watch (Battery Status: <1%)  |
|                                 | Mode 3    | AC/DC Adapter + EUT + Mobile phone (Battery Status: >95%) + Earphones (Battery Status: >95%) + Watch (Battery Status: <1%)  |
|                                 | Mode 4    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <1%) + Earphones (Battery Status: <1%) + Watch (Battery Status: <50%)   |
|                                 | Mode 5    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <50%) + Earphones (Battery Status: <50%) + Watch (Battery Status: <50%) |
|                                 | Mode 6    | AC/DC Adapter + EUT + Mobile phone (Battery Status: >95%) + Earphones (Battery Status: >95%) + Watch (Battery Status: <50%) |
|                                 | Mode 7    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <1%) + Earphones (Battery Status: <1%) + Watch (Battery Status: >95%)   |
|                                 | Mode 8    | AC/DC Adapter + EUT + Mobile phone (Battery Status: <50%) + Earphones (Battery Status: <50%) + Watch (Battery Status: >95%) |
|                                 | Mode 9    | AC/DC Adapter + EUT + Mobile phone (Battery Status: >95%) + Earphones (Battery Status: >95%) + Watch (Battery Status: >95%) |
|                                 | Mode 10   | AC/DC Adapter + EUT + Mobile phone (Battery Status: <1%)  |
|                                 | Mode 11   | AC/DC Adapter + EUT + Mobile phone (Battery Status: <50%)   |
|                                 | Mode 12   | AC/DC Adapter + EUT + Mobile phone (Battery Status: >95%)   |
|                                 | Mode 13   | AC/DC Adapter + EUT + Earphones (Battery Status: <1%)   |
|                                 | Mode 14   | AC/DC Adapter + EUT + Earphones (Battery Status: <50%)  |
|                                 | Mode 15   | AC/DC Adapter + EUT + Earphones (Battery Status: >95%)  |
|                                 | Mode 16   | AC/DC Adapter + EUT + Watch (Battery Status: <1%)   |
|                                 | Mode 17   | AC/DC Adapter + EUT + Watch (Battery Status: <50%)  |
|                                 | Mode 18   | AC/DC Adapter + EUT + Watch (Battery Status: >95%)  |
|                                 | Mode 19   | AC/DC Adapter + EUT (Null Load)   |

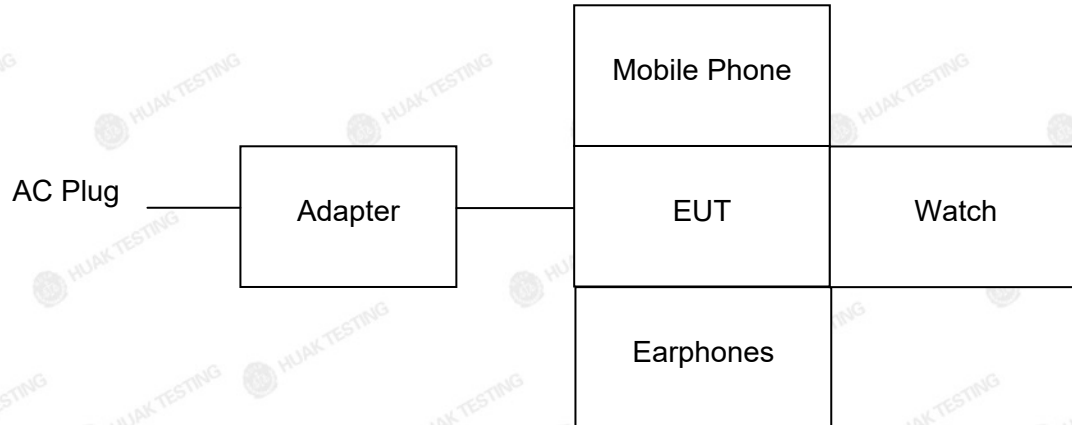
- Note: 1. All modes and configurations above have been tested, Only the result of the worst case was recorded in the report.
2. For Radiated Emission, 3axis were chosen for testing for each applicable mode, including the mobile phone in vertical and horizontal positions.
3. The Mobile Phone, Earphones and Watch provided by Lab.
4. According to the manufacturer's design principle, the wireless charging power will reach its maximum when the client device's battery level is between 1% and 10%.





### 2.4. Description of Test Setup

Operation of EUT during Testing:



The sample was placed (0.8m (30MHz~1GHz), 0.8m (9KHz~30MHz)) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. The worst case is X position.



### 2.5. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment                                  | Trade Mark | Model/Type No. | Specification  | Remark     |
|------|--|------------|----------------|--|------------|
| 1    | 3-IN-1 FOLDABLE MAGNETIC WIRELESS CHARGING | XO POPPY   | PY-3IN1MCH     | N/A  | EUT        |
| 2    | USB Cable                                  | N/A        | N/A            | Length:1.02m   | Accessory  |
| 3    | Adapter                                    | N/A        | CD289          | Input: AC100-240V, 50/60Hz, 2A Max<br>USB-C1 Output: DC5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 28V/5A 140W MAX<br>USB-C2 Output: DC5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A 100W MAX<br>USB-A Output: DC5V/4.5A, 4.5V/5A, 5V/3A, 9V/2A, 12V/1.5A 22.5W MAX<br>Total Output: 140W Max | Peripheral |
| 4    | Mobile Phone                               | APPLE      | iPhone 13      | N/A  | Peripheral |
| 5    | Earphones                                  | N/A        | N/A            | N/A  | Peripheral |
| 6    | Watch                                      | N/A        | Ultra 2        | N/A  | Peripheral |
|      |  |            |                |  |            |

**Note:**

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.



2.6. Measurement Instruments List

| Item | Equipment         | Manufacturer    | Model No.          | Serial No. | Last Cal.     | Cal. Interval |
|------|-------------------|-----------------|--------------------|------------|---------------|---------------|
| 1.   | L.I.S.N.          | R&S             | ENV216             | HKE-002    | Feb. 20, 2024 | 1 Year        |
| 2.   | L.I.S.N.          | R&S             | ENV216             | HKE-059    | Feb. 20, 2024 | 1 Year        |
| 3.   | EMI Test Receiver | R&S             | ESR                | HKE-005    | Feb. 20, 2024 | 1 Year        |
| 4.   | Spectrum analyzer | Agilent         | N9020A             | HKE-025    | Feb. 20, 2024 | 1 Year        |
| 5.   | Spectrum analyzer | R&S             | FSV3044            | HKE-126    | Feb. 20, 2024 | 1 Year        |
| 6.   | Preamplifier      | EMCI            | EMC051845<br>S     | HKE-006    | Feb. 20, 2024 | 1 Year        |
| 7.   | Preamplifier      | Schwarzbeck     | BBV 9743           | HKE-016    | Feb. 20, 2024 | 1 Year        |
| 8.   | Preamplifier      | A.H. Systems    | SAS-574            | HKE-182    | Feb. 20, 2024 | 1 Year        |
| 9.   | 6dB Attenuator    | Pasternack      | 6db                | HKE-184    | Feb. 20, 2024 | 1 Year        |
| 10.  | EMI Test Receiver | Rohde & Schwarz | ESR-7              | HKE-010    | Feb. 20, 2024 | 1 Year        |
| 11.  | Broadband Antenna | Schwarzbeck     | VULB9168           | HKE-167    | Feb. 21, 2024 | 2 Year        |
| 12.  | Loop Antenna      | COM-POWER       | AL-130R            | HKE-014    | Feb. 21, 2024 | 2 Year        |
| 13.  | Horn Antenna      | Schwarzbeck     | 9120D              | HKE-013    | Feb. 21, 2024 | 2 Year        |
| 14.  | EMI Test Software | Tonscend        | JS32-CE<br>2.5.0.6 | HKE-081    | /             | /             |
| 15.  | EMI Test Software | Tonscend        | JS32-RE<br>5.0.0   | HKE-082    | /             | /             |
| 16.  | 10dB Attenuator   | Schwarzbeck     | VTSD9561F          | HKE-153    | Feb. 20, 2024 | 1 Year        |

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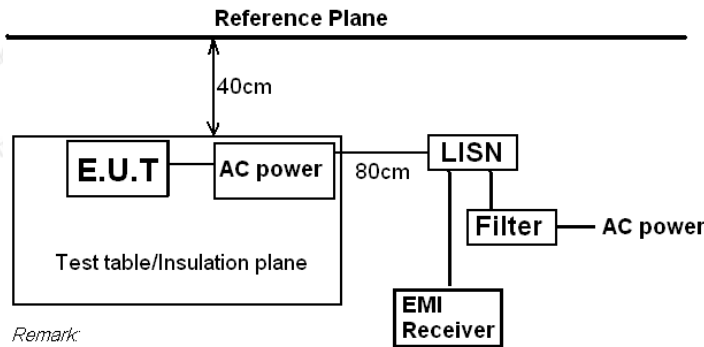
TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : [service@cer-mark.com](mailto:service@cer-mark.com)

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



### 3. Conducted Emission Test

#### 3.1. Block Diagram of Test Setup



Remark:  
 E.U.T: Equipment Under Test  
 LISN: Line Impedance Stabilization Network  
 Test table height=0.8m

#### 3.2. Conducted Power Line Emission Limit

According to FCC Part 18.307(b)

| Frequency (MHz) | Maximum RF Line Voltage (dB $\mu$ V) |      |         |        |
|-----------------|--------------------------------------|------|---------|--------|
|                 | CLASS A                              |      | CLASS B |        |
|                 | Q.P.                                 | Ave. | Q.P.    | Ave.   |
| 0.15 - 0.50     | 79                                   | 66   | 66-56*  | 56-46* |
| 0.50 - 5.00     | 73                                   | 60   | 56      | 46     |
| 5.00 - 30.0     | 73                                   | 60   | 60      | 50     |

\* Decreasing linearly with the logarithm of the frequency

For intentional device, according to §18.307 Line Conducted Emission Limit is same as above table.

#### 3.3. Test Procedure

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.

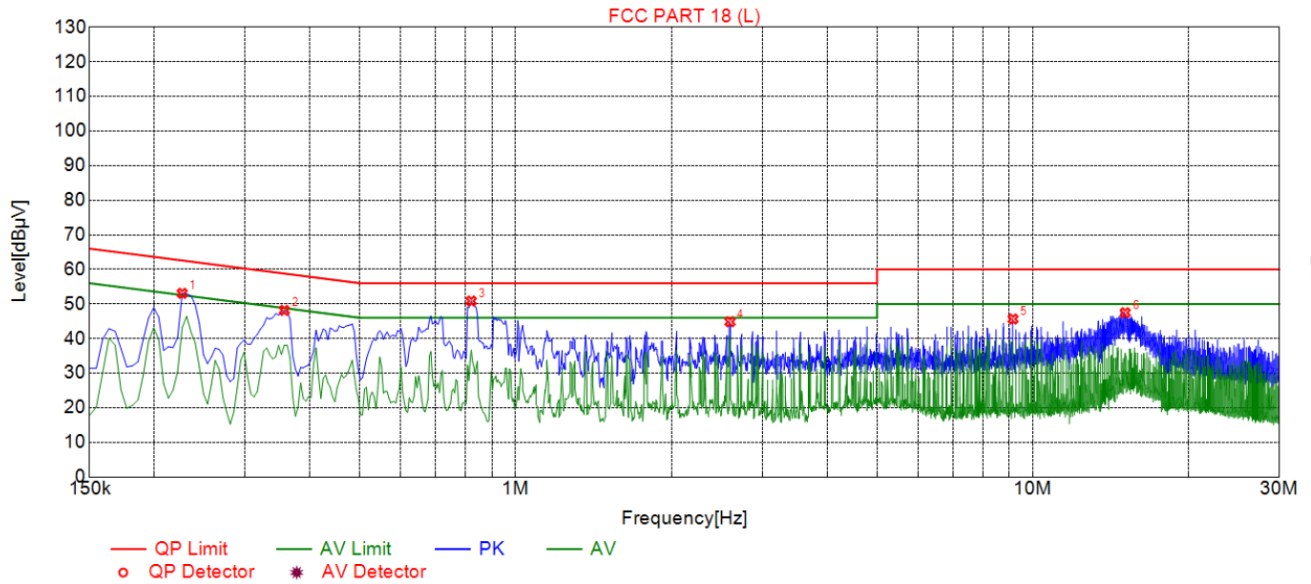


### 3.4. Test Result

PASS

All the test modes completed for test. Only the worst result was reported as below:

Test Specification: Line



| Suspected List |             |              |             |              |             |                |          |      |
|----------------|-------------|--------------|-------------|--------------|-------------|----------------|----------|------|
| NO.            | Freq. [MHz] | Level [dBµV] | Factor [dB] | Limit [dBµV] | Margin [dB] | Reading [dBµV] | Detector | Type |
| 1              | 0.2265      | 53.09        | 19.84       | 62.58        | 9.49        | 33.25          | PK       | L    |
| 2              | 0.3570      | 48.16        | 19.83       | 58.80        | 10.64       | 28.33          | PK       | L    |
| 3              | 0.8205      | 50.86        | 19.87       | 56.00        | 5.14        | 30.99          | PK       | L    |
| 4              | 2.5980      | 44.86        | 20.03       | 56.00        | 11.14       | 24.83          | PK       | L    |
| 5              | 9.1635      | 45.66        | 20.00       | 60.00        | 14.34       | 25.66          | PK       | L    |
| 6              | 15.0945     | 47.47        | 19.81       | 60.00        | 12.53       | 27.66          | PK       | L    |

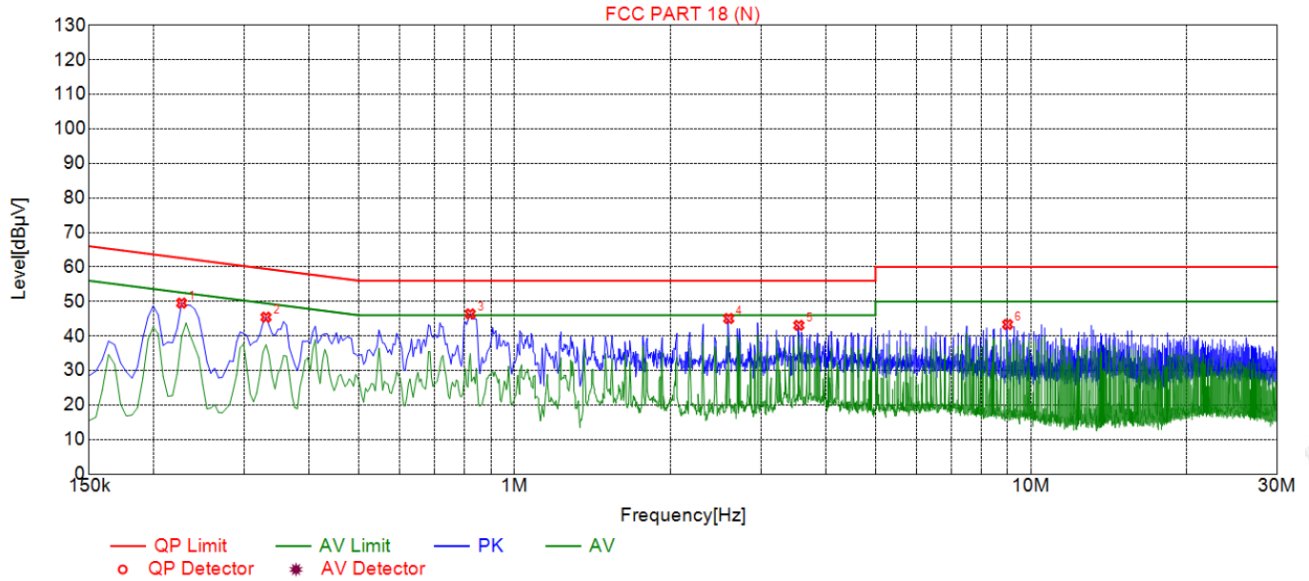
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



Test Specification: Neutral



| Suspected List |             |              |             |              |             |                |          |      |
|----------------|-------------|--------------|-------------|--------------|-------------|----------------|----------|------|
| NO.            | Freq. [MHz] | Level [dBµV] | Factor [dB] | Limit [dBµV] | Margin [dB] | Reading [dBµV] | Detector | Type |
| 1              | 0.2265      | 49.54        | 19.73       | 62.58        | 13.04       | 29.81          | PK       | N    |
| 2              | 0.3300      | 45.46        | 19.74       | 59.45        | 13.99       | 25.72          | PK       | N    |
| 3              | 0.8205      | 46.41        | 19.74       | 56.00        | 9.59        | 26.67          | PK       | N    |
| 4              | 2.5980      | 45.06        | 19.91       | 56.00        | 10.94       | 25.15          | PK       | N    |
| 5              | 3.5520      | 43.09        | 19.97       | 56.00        | 12.91       | 23.12          | PK       | N    |
| 6              | 9.0105      | 43.34        | 19.90       | 60.00        | 16.66       | 23.44          | PK       | N    |

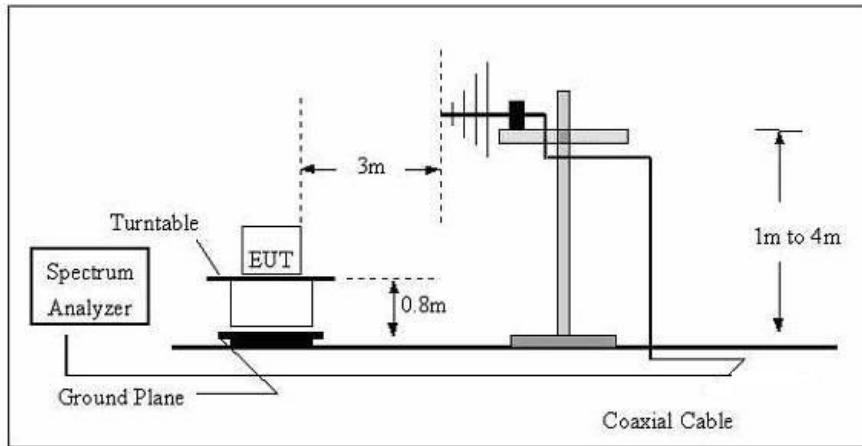
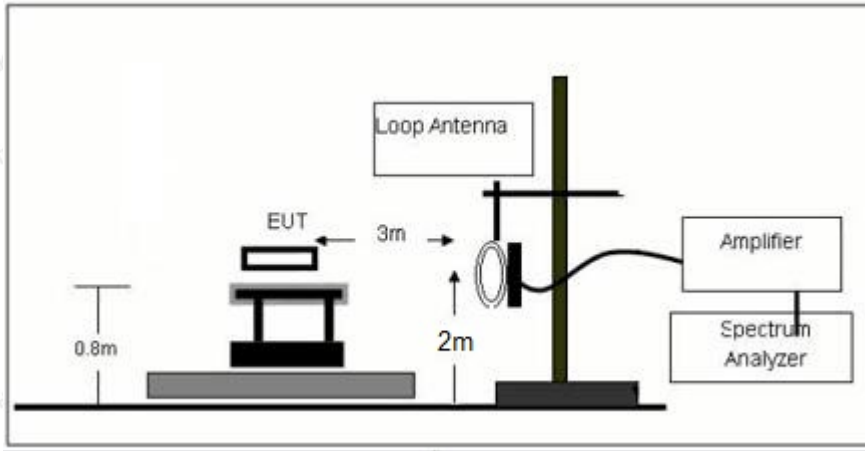
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor

## 4. Radiated Emissions

### 4.1. Block Diagram of Test Setup





### 4.2. Rules and Specifications

Except as provided elsewhere in this Subpart 18.305 (b), the field strength levels of emissions which lie outside the bands specified in §18.301, unless otherwise indicated, shall not exceed the following table:

| Equipment       | Operating frequency   | RF Power generated by equipment (watts) | Field strength limit (uV/m) | Distance (meters) |
|-----------------|-----------------------|---|-----------------------------|-------------------|
| (miscellaneous) |                       |   |                             |                   |
|                 | Any non-ISM frequency | Below 500<br>500 or more                | 15<br>15 × SQRT(power/500)  | 300<br>1300       |

Remark:

- (1) Emission level dBuV/m for 0.009~30MHz = 20log (15) + 40log (300/3) dBuV/m;
- (2) Calculated according FCC 18.305.
- (3) The smaller limit shall apply at the cross point between two frequency bands.
- (4) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 4.3. Test Procedure

Measurement distance 3m

For the measurement range up to 30MHz in the following plots the field strength result from 3m Distance measurements are extrapolated to 300m and 30m distance respectively, by 40dB/decade, Per antenna factor scaling.

Measurements below 1000MHz are performed with a peak detector and compared to average limits, Measurements with an average detector are not required.

Note:

For battery operated equipment, the equipment tests shall be performed using a new battery.

### 4.4. Test Result

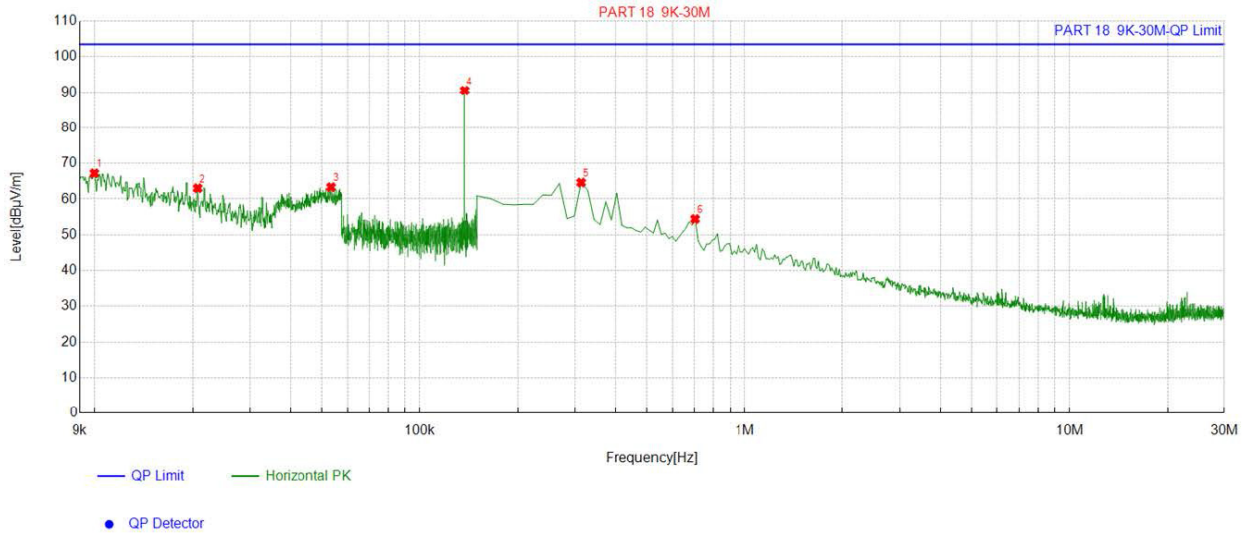
PASS





Mobile phone:

For 9KHz - 30MHz



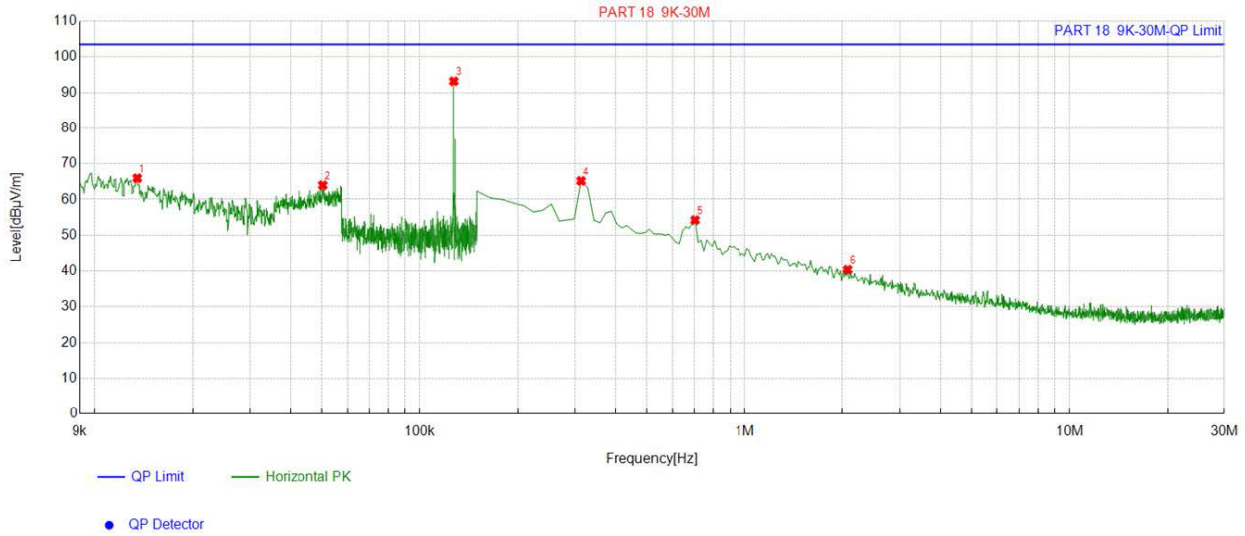
| Suspected List |             |             |                  |                |                |             |
|----------------|-------------|-------------|------------------|----------------|----------------|-------------|
| NO.            | Freq. [MHz] | Factor [dB] | Reading [dBµV/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
| 1              | 0.009987    | 20.32       | 46.89            | 67.21          | 103.50         | 36.29       |
| 2              | 0.020709    | 20.33       | 42.71            | 63.04          | 103.50         | 40.46       |
| 3              | 0.053437    | 20.49       | 42.82            | 63.31          | 103.50         | 40.19       |
| 4              | 0.137233    | 20.41       | 70.50            | 90.91          | 103.50         | 12.59       |
| 5              | 0.314257    | 20.04       | 44.57            | 64.61          | 103.50         | 38.89       |
| 6              | 0.702501    | 20.25       | 34.18            | 54.43          | 103.50         | 49.07       |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level



Earphones:

For 9KHz - 30MHz



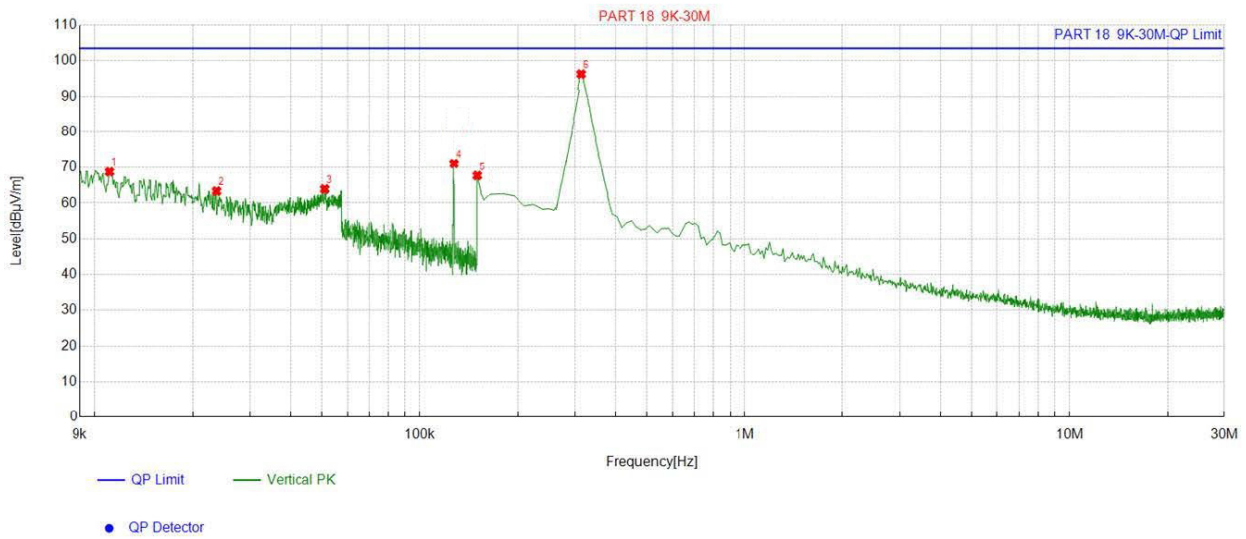
| Suspected List |             |             |                  |                |                |             |
|----------------|-------------|-------------|------------------|----------------|----------------|-------------|
| NO.            | Freq. [MHz] | Factor [dB] | Reading [dBµV/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
| 1              | 0.013514    | 20.32       | 45.61            | 65.93          | 103.50         | 37.57       |
| 2              | 0.050404    | 20.52       | 43.45            | 63.97          | 103.50         | 39.53       |
| 3              | 0.127076    | 20.40       | 73.25            | 93.65          | 103.50         | 9.85        |
| 4              | 0.314257    | 20.04       | 45.13            | 65.17          | 103.50         | 38.33       |
| 5              | 0.702501    | 20.25       | 33.96            | 54.21          | 103.50         | 49.29       |
| 6              | 2.076288    | 20.50       | 19.89            | 40.39          | 103.50         | 63.11       |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level



Watch:

For 9KHz - 30MHz



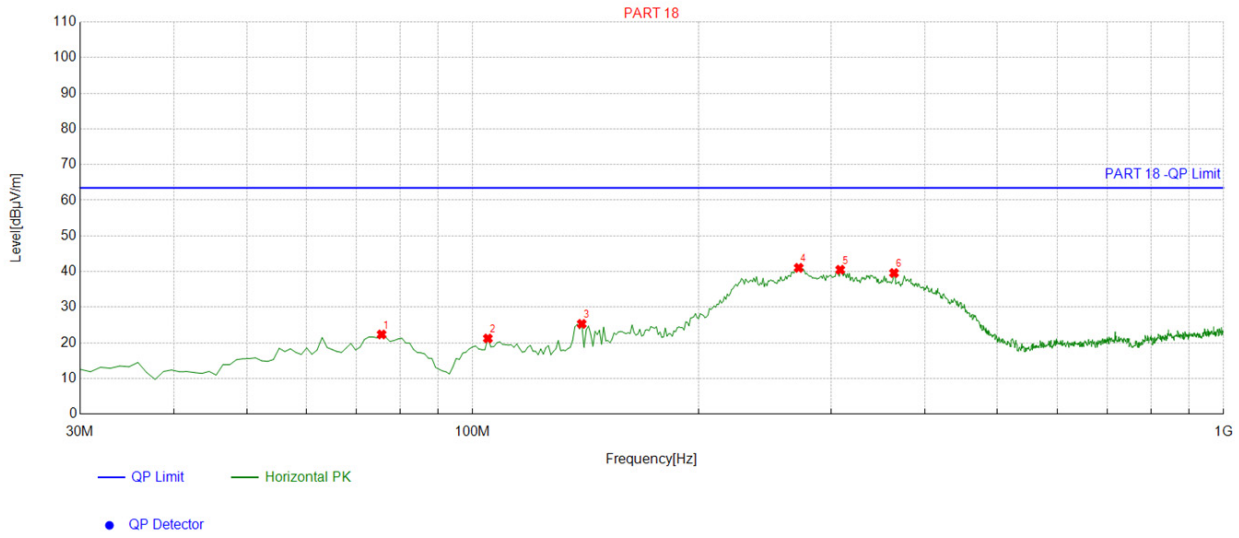
| Suspected List |             |             |                  |                |                |             |
|----------------|-------------|-------------|------------------|----------------|----------------|-------------|
| NO.            | Freq. [MHz] | Factor [dB] | Reading [dBµV/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
| 1              | 0.011116    | 20.32       | 48.46            | 68.78          | 103.50         | 34.72       |
| 2              | 0.023671    | 20.35       | 42.99            | 63.34          | 103.50         | 40.16       |
| 3              | 0.05111     | 20.51       | 43.42            | 63.93          | 103.50         | 39.57       |
| 4              | 0.127288    | 20.40       | 50.87            | 71.27          | 103.50         | 32.23       |
| 5              | 0.15        | 20.42       | 47.37            | 67.79          | 103.50         | 35.71       |
| 6              | 0.314257    | 20.04       | 76.27            | 96.31          | 103.50         | 7.19        |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level



For 30MHz-1GHz

Antenna polarity: H

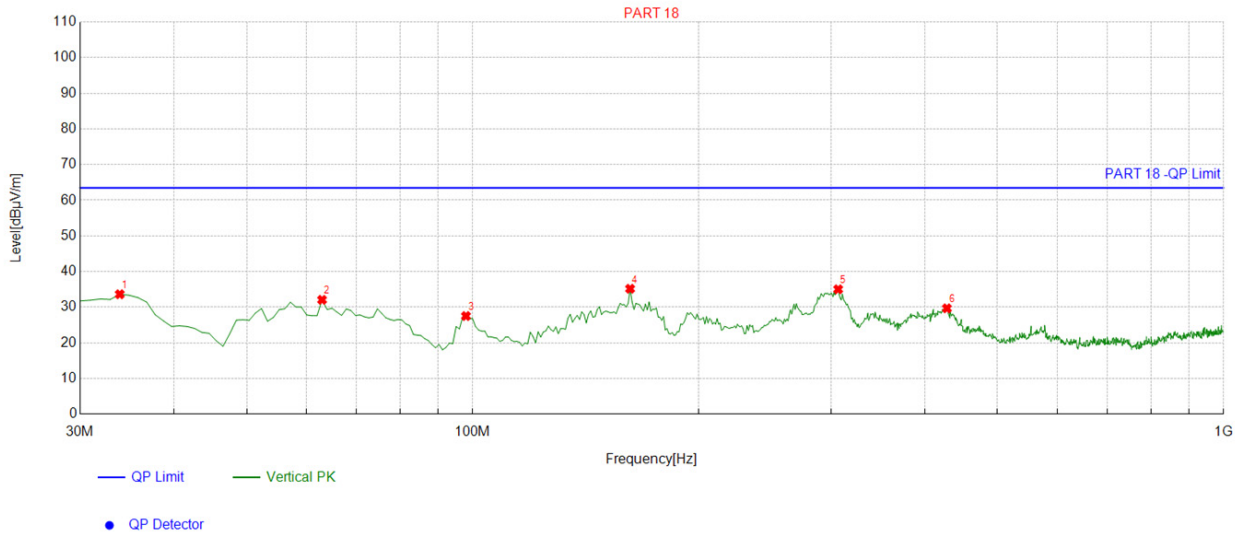


| Suspected List |             |             |                  |                |                |             |             |           |            |
|----------------|-------------|-------------|------------------|----------------|----------------|-------------|-------------|-----------|------------|
| NO.            | Freq. [MHz] | Factor [dB] | Reading [dBµV/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity   |
| 1              | 75.635636   | -17.98      | 40.34            | 22.36          | 63.50          | 41.14       | 100         | 198       | Horizontal |
| 2              | 104.76476   | -14.69      | 35.93            | 21.24          | 63.50          | 42.26       | 100         | 331       | Horizontal |
| 3              | 139.71972   | -18.07      | 43.39            | 25.32          | 63.50          | 38.18       | 100         | 328       | Horizontal |
| 4              | 271.77177   | -12.57      | 53.61            | 41.04          | 63.50          | 22.46       | 100         | 184       | Horizontal |
| 5              | 308.66866   | -11.86      | 52.37            | 40.51          | 63.50          | 22.99       | 100         | 342       | Horizontal |
| 6              | 364.01401   | -9.62       | 49.21            | 39.59          | 63.50          | 23.91       | 100         | 200       | Horizontal |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Pre-amplifier; Level = Reading + Factor; Margin = Limit – Level;



Antenna polarity: V



| Suspected List |             |             |                  |                |                |             |             |           |          |
|----------------|-------------|-------------|------------------|----------------|----------------|-------------|-------------|-----------|----------|
| NO.            | Freq. [MHz] | Factor [dB] | Reading [dBµV/m] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1              | 33.883884   | -15.16      | 48.80            | 33.64          | 63.50          | 29.86       | 100         | 352       | Vertical |
| 2              | 63.013013   | -14.48      | 46.55            | 32.07          | 63.50          | 31.43       | 100         | 85        | Vertical |
| 3              | 97.967968   | -15.12      | 42.65            | 27.53          | 63.50          | 35.97       | 100         | 99        | Vertical |
| 4              | 162.05205   | -17.59      | 52.77            | 35.18          | 63.50          | 28.32       | 100         | 32        | Vertical |
| 5              | 306.72672   | -11.89      | 46.92            | 35.03          | 63.50          | 28.47       | 100         | 110       | Vertical |
| 6              | 428.09809   | -8.77       | 38.45            | 29.68          | 63.50          | 33.82       | 100         | 265       | Vertical |

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Limit – Level;

## 5. Antenna Requirement

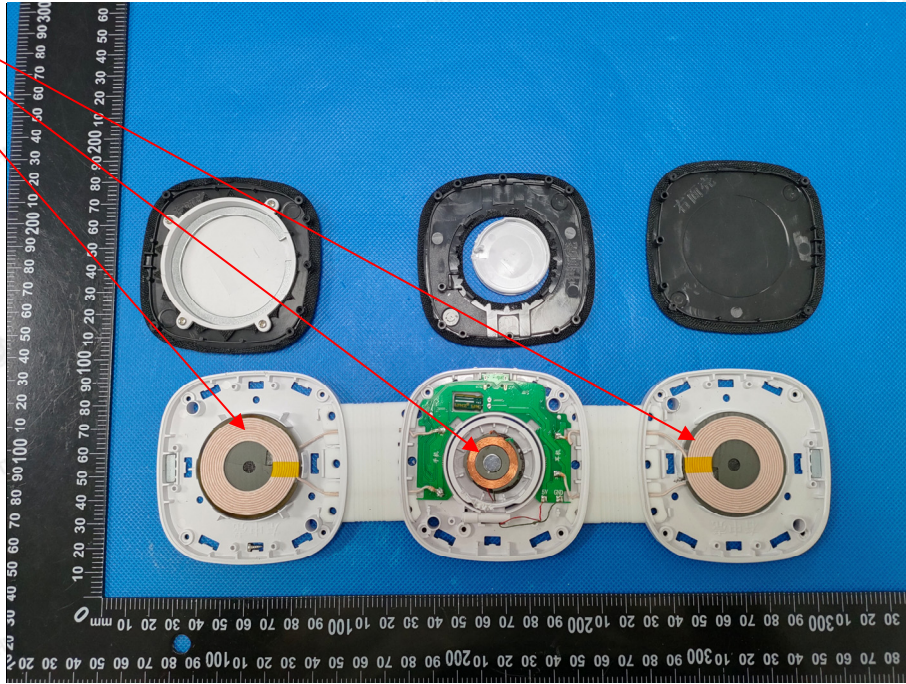
### Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

### Antenna Connected Construction

The antenna used in this product is Coil Antenna, which permanently attached. It conforms to the standard requirements.

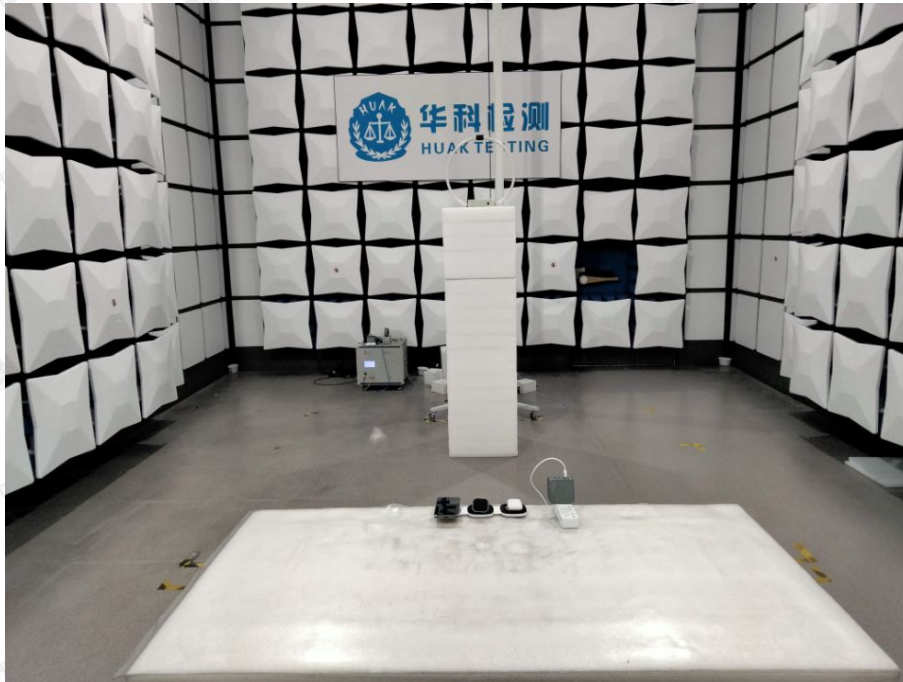
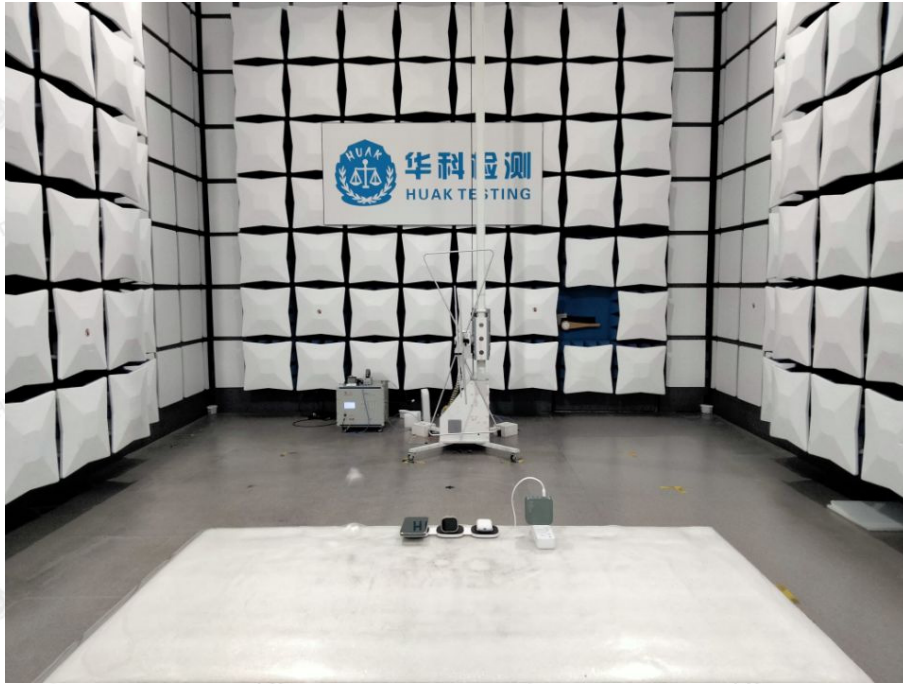
### Antenna





## 6. Photographs of Test

### Radiated Emission



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### Conducted Emission



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## 7. Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos.

-----End of test report-----