

# TEST REPORT

Product Name : Multifunctional Music Player  
Model Number : MP019-2UQSW-xx,  
MP019(A)-2UQSW-xx  
FCC ID : 2BENG-MP019

Prepared for : JIANGSU MULIN INTELLIGENCE ELECTRIC CO., LTD.  
Address : No. 6, Xiajia Road, Henglin Town, Economic Development  
Zone, Changzhou, Jiangsu, China

Prepared by : EMTEK (NINGBO) CO., LTD.  
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Report Number : ENB2603270287W00202R  
Date(s) of Tests : March 27, 2026 to May 30, 2026  
Date of Issue : May 31, 2026

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## TEST REPORT DESCRIPTION

Applicant : JIANGSU MULIN INTELLIGENCE ELECTRIC CO., LTD.  
Address : No. 6, Xiajia Road, Henglin Town, Economic Development Zone, Changzhou, Jiangsu, China.  
Manufacturer : JIANGSU MULIN INTELLIGENCE ELECTRIC CO., LTD.  
Address : No. 6, Xiajia Road, Henglin Town, Economic Development Zone, Changzhou, Jiangsu, China.  
EUT : Multifunctional Music Player  
Model Name : MP019-2UQSW-xx, MP019(A)-2UQSW-xx  
Trademark : N/A

### We hereby certify that:

The above equipment was tested by EMTEK (NINGBO) CO., LTD. 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 (2020) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 15C

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

Date of Test : March 27, 2026 to May 30, 2026

Prepared by :   
WK Luo /Engineer

Reviewer :   
June Gao /Supervisor

Approved & Authorized Signer :   
Tony Wei /Manager



## Modified Information

| Version | Report No.           | Revision Data | Summary         |
|---------|----------------------|---------------|-----------------|
| /       | ENB2603270287W00202R | /             | Original Report |



## 1. SUMMARY OF TEST RESULTS

| EMISSION                                         |                                                            |         |
|--------------------------------------------------|------------------------------------------------------------|---------|
| Description of Test Item                         | Standard & Limits                                          | Results |
| Conducted Emission                               | FCC Part 15, Subpart C- Section 15.207<br>ANSI C63.10-2013 | Pass    |
| Radiated Emission                                | FCC Part 15, Subpart C- Section 15.209<br>ANSI C63.10-2013 | Pass    |
| Note: N/A is an abbreviation for Not Applicable. |                                                            |         |



## 2. GENERAL INFORMATION

### 2.1. Description of Device (EUT)

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product:               | Multifunctional Music Player                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Model Number:          | MP019-2UQSW-xx, MP019(A)-2UQSW-xx<br>Note: MP019-2UQSW-xx and MP019(A)-2UQSW-xx represent two different series of models. (A) indicates touch buttons, while without (A) indicates rotary buttons. The xx in the model number represents the sequence code (00-99), which is only used to distinguish the appearance color and surface treatment. The internal structure, schematic diagram, and PAB Layout are all the same. We chose model MP019-2UQSW-15 for the test. |
| Sample Number:         | ENB2603270287W002-1-1                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power Supply:          | AC 120-240V, 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Voltage:          | AC 120V/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Wireless specification | 5W(MAX)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Modulation:            | Ask                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Maximum Power Rate:    | 94.14 dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Frequency Range:       | 110 kHz~205 KHz                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antenna Type:          | Integral Antenna(Induction coil)                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna Gain:          | 0 dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature  | 0°C ~ +40°C                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date of Received:      | March 27, 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 2.2. Input / Output Ports

| Port #                                                                                                                                                                                                                                                                     | Name          | Type* | Cable Max. >3m | Cable Shielded | Comments |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------|----------------|----------------|----------|
| 1                                                                                                                                                                                                                                                                          | DC Power Port | DC    | No             | N/A            | None     |
| <p>* Note: For the purposes of the present document, the following symbols apply:</p> <p>AC AC Power Port</p> <p>DC DC Power Port</p> <p>N/E Non-Electrical</p> <p>I/O Signal Input or Output Port (Not Involved in Process Control)</p> <p>TP Telecommunication Ports</p> |               |       |                |                |          |

## 2.3. Independent Operation Modes

A 1. Wireless Charging(Full load)

## 2.4. Test Manner

| Test Items         | Test Voltage | Operation Modes |
|--------------------|--------------|-----------------|
| Conducted Emission | AC 120V/60Hz | Mode A.1        |
| Radiated Emission  | AC 120V/60Hz | Mode A.1        |

## 2.5. Description of Test Facility

Site Description  
EMC Lab.

**: Accredited by CNAS**

The Certificate Registration Number is L6666.

The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2018 (identical to ISO/IEC 17025:2017)

**Designation by FCC**

Designation Number: CN1354

Test Firm Registration Number: 427606

**Accredited by A2LA**

The Certificate Number is 4321.03.

**Accredited by ISED**

The Conformity Assessment Body Identifier is CN0114

Name of Firm  
Site Location

: EMTEK (NINGBO) CO., LTD.

: No. 8, Building 8, Lane 216, Qingyi Road, Ningbo High-Tech Zone, Ningbo, Zhejiang, China

## 2.6. Description of Support Device

| No. | Equipment              | Trade name | Model | S/N | Power Cord |
|-----|------------------------|------------|-------|-----|------------|
| 1   | Wireless charging load | /          | 5w    | /   | /          |

## 2.7. Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Parameter                | Uncertainty            |
|--------------------------|------------------------|
| Radio Frequency          | $\pm 1 \times 10^{-5}$ |
| Conducted Emissions Test | $\pm 2.0$ dB           |
| Radiated Emission Test   | $\pm 2.0$ dB           |
| Occupied Bandwidth Test  | $\pm 1.0$ dB           |
| Temperature              | $\pm 0.5$ °C           |
| Humidity                 | $\pm 3$ %              |

Measurement Uncertainty for a level of Confidence of 95%

### 3. MEASURING DEVICE AND TEST EQUIPMENT

#### 3.1. Conducted Emission Test Equipment

| Equ. No. | Equipment               | Manufacturer | Model No.    | Serial No.       | Last Cal.      | Cal. Interval |
|----------|-------------------------|--------------|--------------|------------------|----------------|---------------|
| ENE-001  | EMI Test Receiver       | R & S        | ESCI         | 101108           | Oct. 24, 2025  | 1 Year        |
| ENE-336  | L.I.S.N                 | Schwarzbeck  | NSLK 8126    | 8126-05059       | June 18, 2025  | 1 Year        |
| ENE-159  | Pulse Limiter           | Schwarzbeck  | VTSD 9561F-N | 2611115-001-0033 | Oct. 23, 2025  | 1 Year        |
| ENE-278  | RF Switching Unit       | HTEC         | HRSU         | 222101           | June 19, 2025  | 1 Year        |
| ENE-149  | Conduction Test Room 1# | SKET         | 11.5*5*4m    | /                | March 05, 2025 | 3 Year        |

#### 3.2. For 3m Radiated Emission Measurement 9K-1GHz

| Equ. No. | Equipment                               | Manufacturer  | Model No.    | Serial No.    | Last Cal.      | Cal. Interval |
|----------|-----------------------------------------|---------------|--------------|---------------|----------------|---------------|
| ENE-185  | EMI Test Receiver                       | R&S           | ESR7         | 102480        | March 02, 2026 | 1 Year        |
| ENE-188  | Low Frequency Field Antenna             | Schwarzbeck   | FMZB 1513-60 | 00026         | June 26, 2025  | 3 Year        |
| ENE-204  | Low Frequency Notch Filter RF Switching | JS Denki      | JSDSW-F      | JSDSW2211 D02 | March 02, 2026 | 1 Year        |
| ENE-190  | Antenna Multiple                        | Schwarzbeck   | VULB 9163    | 01499         | March 09, 2025 | 3 Year        |
| ENE-195  | Pre-Amplifier                           | JS Denki      | PA09K03-40   | JSPA21019     | March 02, 2026 | 1 Year        |
| ENE-251  | 6dB Attenuator                          | Mini-Circuits | UNAT-6+      | 11542         | June 18, 2025  | 1 Year        |
| ENE-144  | 3-Meter Anechoic Chamber2#              | SKET          | 9*6*6m       | /             | June 21, 2025  | 3 Year        |

### 3.3. For 3m Radiated Emission Measurement 30M-1GHz

| Equ. No. | Equipment                               | Manufacturer  | Model No.    | Serial No.    | Last Cal.      | Cal. Interval |
|----------|-----------------------------------------|---------------|--------------|---------------|----------------|---------------|
| ENE-185  | EMI Test Receiver                       | R&S           | ESR7         | 102480        | March 02, 2026 | 1 Year        |
| ENE-188  | Low Frequency Field Antenna             | Schwarzbeck   | FMZB 1513-60 | 00026         | June 26, 2025  | 3 Year        |
| ENE-190  | Antenna Multiple                        | Schwarzbeck   | VULB 9163    | 01499         | March 09, 2025 | 3 Year        |
| ENE-195  | Pre-Amplifier                           | JS Denki      | PA09K03-40   | JSPA21019     | March 02, 2026 | 1 Year        |
| ENE-204  | Low Frequency Notch Filter RF Switching | JS Denki      | JSDSW-F      | JSDSW2211 D02 | March 02, 2026 | 1 Year        |
| ENE-251  | 6dB Attenuator                          | Mini-Circuits | UNAT-6+      | 11542         | June 18, 2025  | 1 Year        |
| ENE-144  | 3-Meter Anechoic Chamber2#              | SKET          | 9*6*6m       | /             | June 21, 2025  | 3 Year        |

### 3.4. For other test items:

| Equ. No. | Equipment           | Manufacturer | Model No.      | Serial No. | Last Cal.      | Cal. Interval |
|----------|---------------------|--------------|----------------|------------|----------------|---------------|
| ENE-256  | EXA Signal Analyzer | Keysight     | N9010B         | MY62060219 | June 19, 2025  | 1 Year        |
| ENE-172  | RF Control Unit     | Tonscend     | JS0806-2(V.6E) | 21L8060521 | March 02, 2026 | 1 Year        |

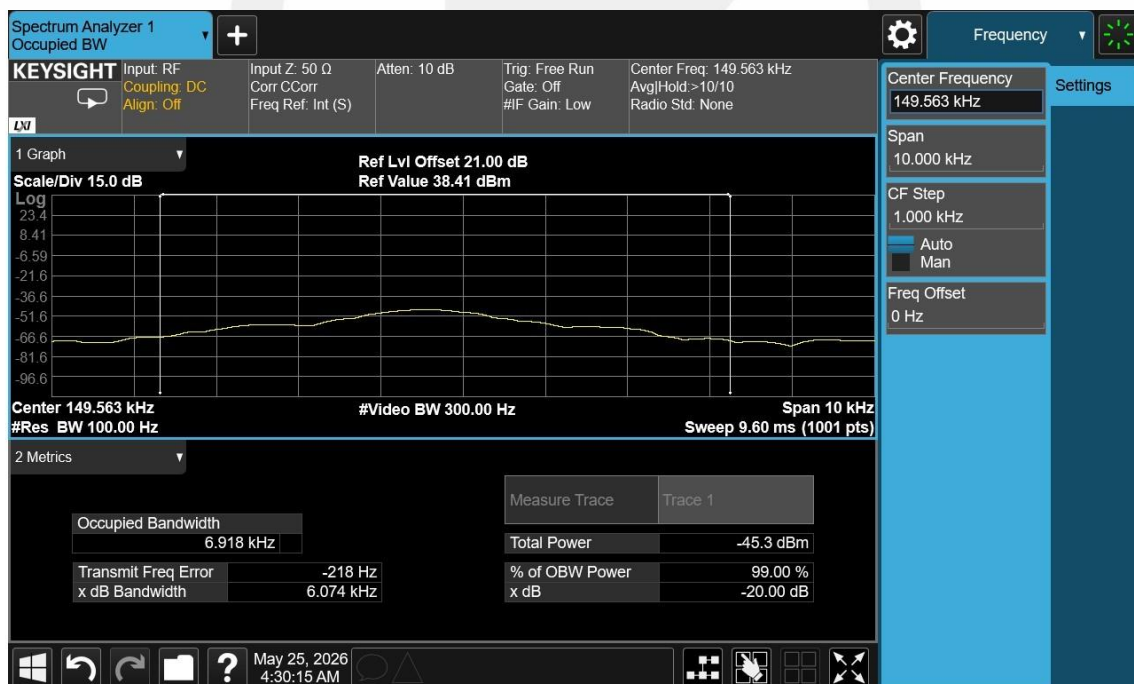
## 4. 20DB BANDWIDTH

### 4.1. Test Procedure

Set to the maximum power setting and enable the EUT transmit continuously  
Set RBW =1%-5%OBW  
Set the video bandwidth (VBW) =3\*RBW  
Set Span= 10 kHz  
Set Detector = Peak.  
Set Trace mode = max hold.  
Set Sweep = auto couple.  
Measure and record the results in the test report.

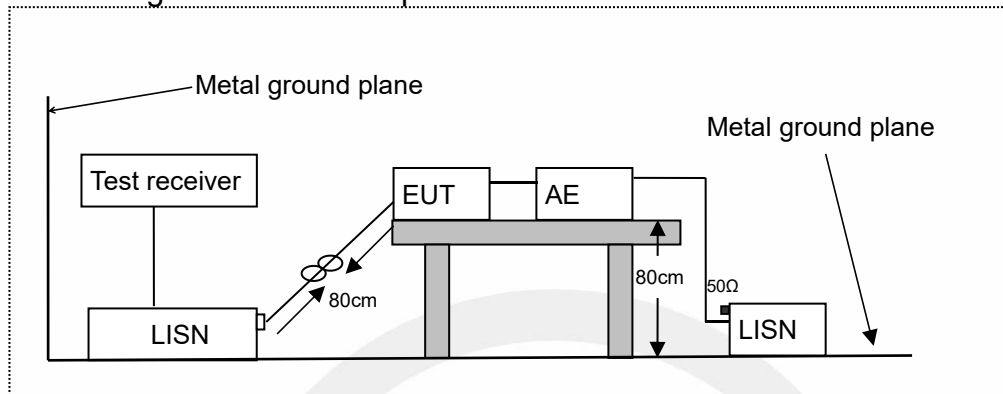
### 4.2. Test Results

|                     |      |            |              |
|---------------------|------|------------|--------------|
| Temperature:        | 18℃  | Test Date: | May 25, 2026 |
| Humidity:           | 56 % | Test By:   | WK Luo       |
| 20dB Band=6.074 kHz |      |            |              |



## 5. POWER LINE CONDUCTED EMISSION MEASUREMENT

### 5.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network  
AE: Associated equipment  
EUT: Equipment under test

### 5.2. Limits

FCC Part 15.207

| Frequency (MHz) |   |       | Limit (dB $\mu$ V) |               |
|-----------------|---|-------|--------------------|---------------|
|                 |   |       | Quasi-peak Level   | Average Level |
| 0.15            | ~ | 0.50  | 66.0 ~ 56.0 *      | 56.0 ~ 46.0 * |
| 0.50            | ~ | 5.00  | 56.0               | 46.0          |
| 5.00            | ~ | 30.00 | 60.0               | 50.0          |

NOTE1-The lower limit shall apply at the transition frequencies.  
NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

### 5.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x 1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a line impedance stabilization network (LISN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

All the support units are connecting to the other LISN.

The LISN provides 50 ohm coupling impedance for the measuring instrument.

Both sides of AC line were checked for maximum conducted interference.

The frequency range from 150 kHz to 30 MHz was sweep.

Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

Test results were obtained from the following equation:

$\text{Meas (dB}\mu\text{V)} = \text{Cable Loss (dB)} + \text{Reading (dB}\mu\text{V)}$

$\text{Margin (dB)} = \text{Limit} - \text{Meas}$

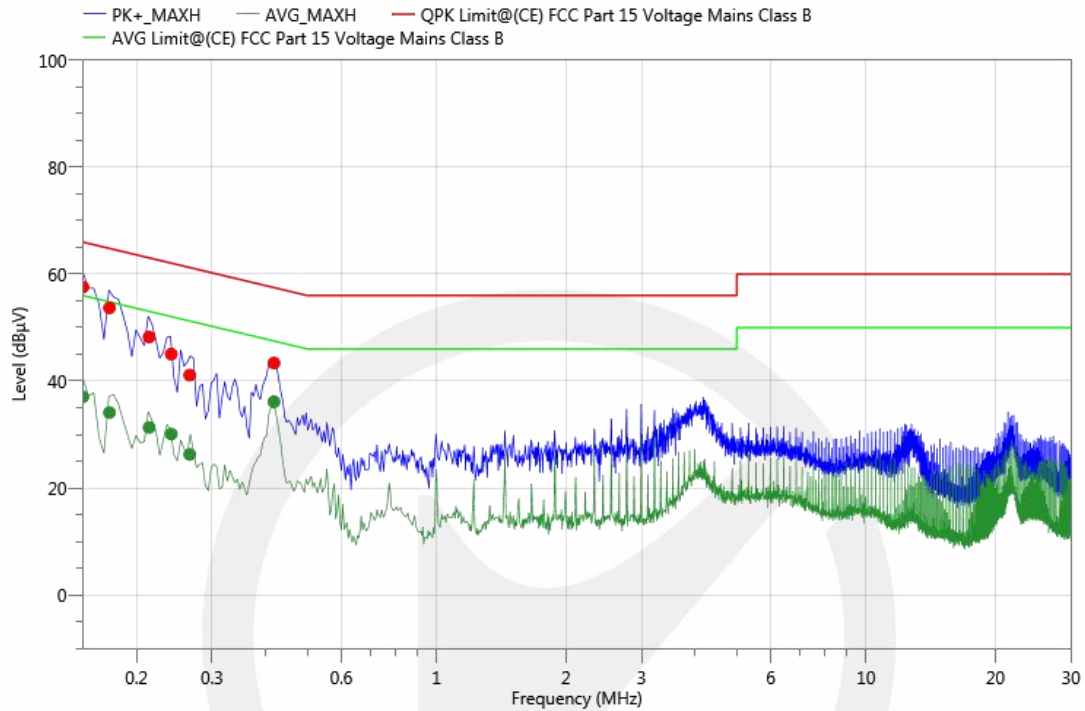
#### 5.4.Measuring Results

**Pass.**



**Project Information**

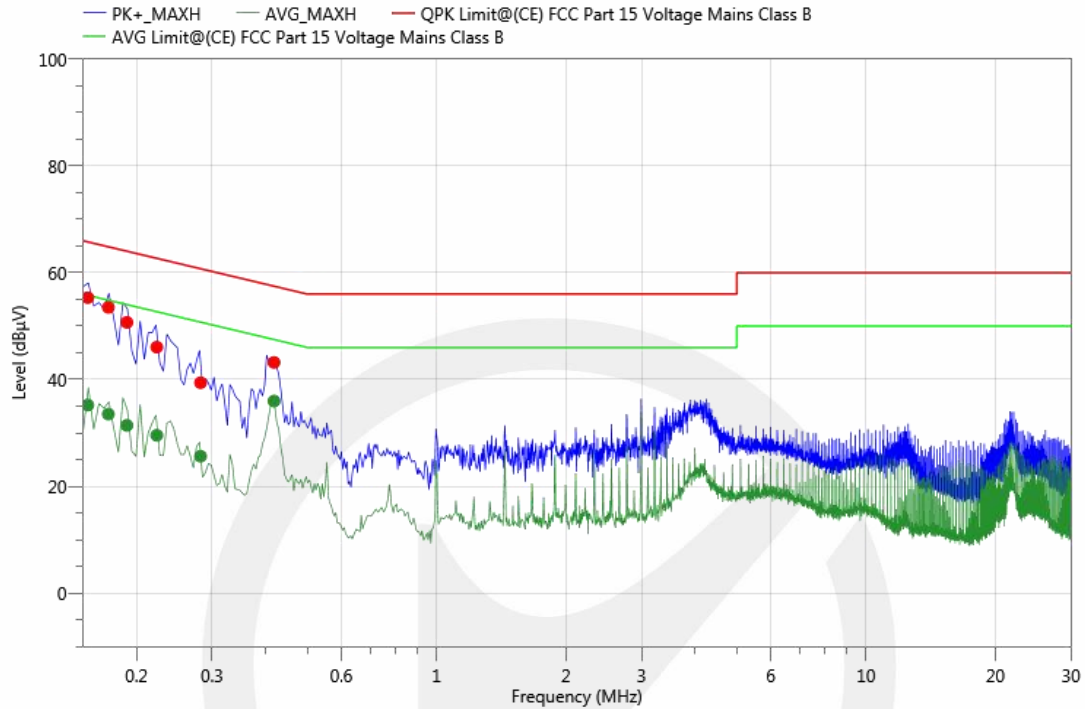
|              |                      |           |              |
|--------------|----------------------|-----------|--------------|
| Mode:        | Wireless Charging    | Voltage:  | AC 120V/60Hz |
| Environment: | Temp:24℃ ; Humi: 33% | Engineer: | Jackson Xue  |



| Freq. (MHz) | Reading (dBμV) | Corr. (dB) | Meas. (dBμV) | Limit (dBμV) | Margin (dB) | Det. | Line | PE  | Verdict |
|-------------|----------------|------------|--------------|--------------|-------------|------|------|-----|---------|
| 0.150       | 47.58          | 10.01      | 57.59        | 66.00        | 8.41        | QPK  | N    | GND | PASS    |
| 0.150       | 27.03          | 10.01      | 37.04        | 56.00        | 18.96       | AVG  | N    | GND | PASS    |
| 0.173       | 43.69          | 10.01      | 53.70        | 64.82        | 11.12       | QPK  | N    | GND | PASS    |
| 0.173       | 24.09          | 10.01      | 34.10        | 54.82        | 20.72       | AVG  | N    | GND | PASS    |
| 0.214       | 38.23          | 10.01      | 48.24        | 63.05        | 14.81       | QPK  | N    | GND | PASS    |
| 0.214       | 21.31          | 10.01      | 31.32        | 53.05        | 21.73       | AVG  | N    | GND | PASS    |
| 0.241       | 35.03          | 10.01      | 45.04        | 62.06        | 17.02       | QPK  | N    | GND | PASS    |
| 0.241       | 20.07          | 10.01      | 30.08        | 52.06        | 21.98       | AVG  | N    | GND | PASS    |
| 0.266       | 31.11          | 10.01      | 41.12        | 61.24        | 20.12       | QPK  | N    | GND | PASS    |
| 0.266       | 16.27          | 10.01      | 26.28        | 51.24        | 24.96       | AVG  | N    | GND | PASS    |
| 0.418       | 33.36          | 10.01      | 43.37        | 57.49        | 14.12       | QPK  | N    | GND | PASS    |
| 0.418       | 26.11          | 10.01      | 36.12        | 47.49        | 11.37       | AVG  | N    | GND | PASS    |

**Project Information**

|              |                      |           |              |
|--------------|----------------------|-----------|--------------|
| Mode:        | Wireless Charging    | Voltage:  | AC 120V/60Hz |
| Environment: | Temp:24℃ ; Humi: 33% | Engineer: | Jackson Xue  |



| Freq. (MHz) | Reading (dBμV) | Corr. (dB) | Meas. (dBμV) | Limit (dBμV) | Margin (dB) | Det. | Line | PE  | Verdict |
|-------------|----------------|------------|--------------|--------------|-------------|------|------|-----|---------|
| 0.154       | 45.33          | 10.01      | 55.34        | 65.78        | 10.44       | QPK  | L1   | GND | PASS    |
| 0.154       | 25.20          | 10.01      | 35.21        | 55.78        | 20.57       | AVG  | L1   | GND | PASS    |
| 0.172       | 43.51          | 10.01      | 53.52        | 64.86        | 11.34       | QPK  | L1   | GND | PASS    |
| 0.172       | 23.51          | 10.01      | 33.52        | 54.86        | 21.34       | AVG  | L1   | GND | PASS    |
| 0.190       | 40.70          | 10.01      | 50.71        | 64.04        | 13.33       | QPK  | L1   | GND | PASS    |
| 0.190       | 21.40          | 10.01      | 31.41        | 54.04        | 22.63       | AVG  | L1   | GND | PASS    |
| 0.223       | 36.05          | 10.01      | 46.06        | 62.71        | 16.65       | QPK  | L1   | GND | PASS    |
| 0.223       | 19.54          | 10.01      | 29.55        | 52.71        | 23.16       | AVG  | L1   | GND | PASS    |
| 0.282       | 29.40          | 10.01      | 39.41        | 60.76        | 21.35       | QPK  | L1   | GND | PASS    |
| 0.282       | 15.62          | 10.01      | 25.63        | 50.76        | 25.13       | AVG  | L1   | GND | PASS    |
| 0.418       | 33.19          | 10.01      | 43.20        | 57.49        | 14.29       | QPK  | L1   | GND | PASS    |
| 0.418       | 25.96          | 10.01      | 35.97        | 47.49        | 11.52       | AVG  | L1   | GND | PASS    |

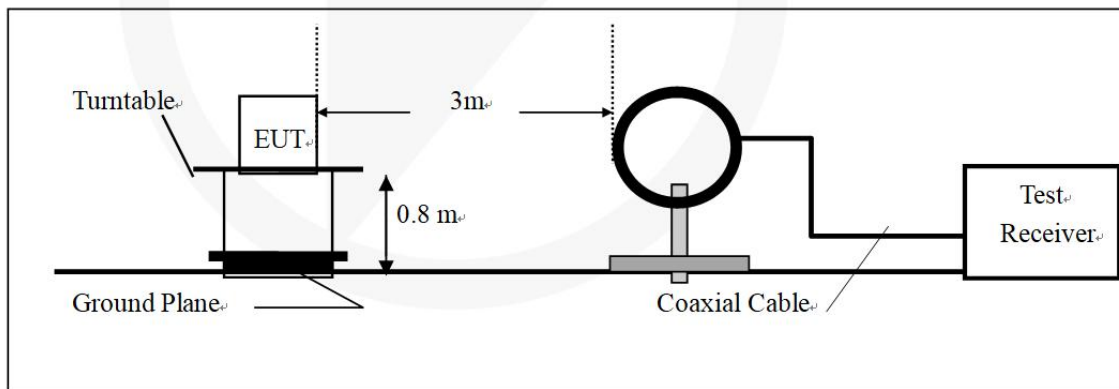
## 6. RADIATED EMISSION TEST

### 6.1.Measurement Procedure

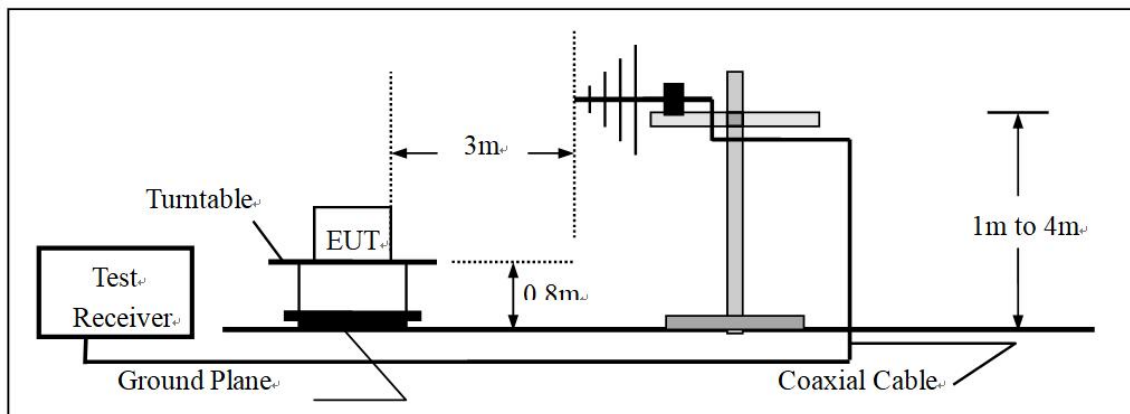
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.
5. Use the following receiver/spectrum analyzer settings:  
Span = wide enough to fully capture the emission being measured  
RBW=200Hz for 9KHz to 150KHz,  
RBW=9kHz for 150KHz to 30MHz,  
RBW=120KHz for 30MHz to 1GHz  
VBW  $\geq 3 \times$  RBW  
Sweep = auto  
Detector function = QP  
Trace = max hold

### 6.2.Test SET-UP (Block Diagram of Configuration)

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



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



### 6.3. Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

| FCC Part 15.209 Limit |                                          |      |                                                                 |
|-----------------------|------------------------------------------|------|-----------------------------------------------------------------|
| Frequency (MHz)       | Field Strength Limitation                |      | Field Strength Limitation Frequency tion at 3m Measurement Dist |
|                       | (uV/m)                                   | Dist | (dBuV/m=20 log (uV/m))                                          |
| 0.009 – 0.490         | 2400 / F(kHz)                            | 300m | 20log 2400/F(kHz) + 40 log(300/3)                               |
| 0.490 – 1.705         | 24000 / F(kHz)                           | 30m  | 20log 24000/F(kHz) + 40 log(30/3)                               |
| 1.705 – 30.00         | 30                                       | 30m  | 20log 30 + 40 log(30/3)                                         |
| 30.0 – 88.0           | 100                                      | 3m   | 20log 100                                                       |
| 88.0 – 216.0          | 150                                      | 3m   | 20log 150                                                       |
| 216.0 – 960.0         | 200                                      | 3m   | 20log 200                                                       |
| Above 960.0           | 500                                      | 3m   | 20log 500                                                       |
| Remark:               | dBuV/m=20 log (uV/m)<br>F=Frequency(kHz) |      |                                                                 |

### 15.205 Restricted bands of operation

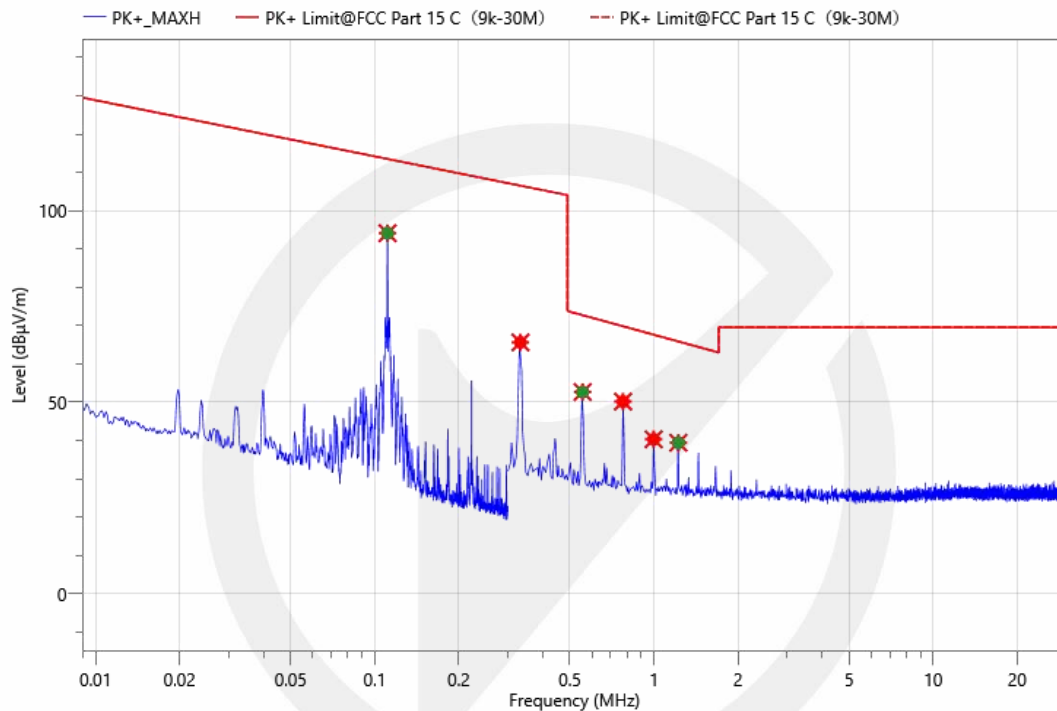
| MHz               | MHz                 | MHz           | GHz         |
|-------------------|---------------------|---------------|-------------|
| 0.090-0.110       | 16.42-16.423        | 399.9-410     | 4.5-5.15    |
| 10.495-0.505      | 16.69475-16.69525   | 608-614       | 5.35-5.46   |
| 2.1735-2.1905     | 16.80425-16.80475   | 960-1240      | 7.25-7.75   |
| 4.125-4.128       | 25.5-25.67          | 1300-1427     | 8.025-8.5   |
| 4.17725-4.17775   | 37.5-38.25          | 1435-1626.5   | 9.0-9.2     |
| 4.20725-4.20775   | 73-74.6             | 1645.5-1646.5 | 9.3-9.5     |
| 6.215-6.218       | 74.8-75.2           | 1660-1710     | 10.6-12.7   |
| 6.26775-6.26825   | 123-138             | 2200-2300     | 14.47-14.5  |
| 8.291-8.294       | 149.9-150.05        | 2310-2390     | 15.35-16.2  |
| 8.362-8.366       | 156.52475-156.52525 | 2483.5-2500   | 17.7-21.4   |
| 8.37625-8.38675   | 156.7-156.9         | 2690-2900     | 22.01-23.12 |
| 8.41425-8.41475   | 162.0125-167.17     | 3260-3267     | 23.6-24.0   |
| 12.29-12.293      | 167.72-173.2        | 3332-3339     | 31.2-31.8   |
| 12.51975-12.52025 | 240-285             | 3345.8-3358   | 36.43-36.5  |
| 12.57675-12.57725 | 322-335.4           | 3600-4400     | (2)         |
| 13.36-13.41       |                     |               |             |

Remark: 1. Emission level in dBuV/m=20 log (uV/m)  
2. Measurement was performed at an antenna to the closed point of EUT distance of meters.  
3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of § 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

## 6.4.Measurement Result

9KHz-30 MHz:

| Project Information |                      |           |              |
|---------------------|----------------------|-----------|--------------|
| Mode:               | Wireless Charging    | Voltage:  | AC 120V/60Hz |
| Environment:        | Temp: 18°C; Humi:38% | Engineer: | WK Luo       |

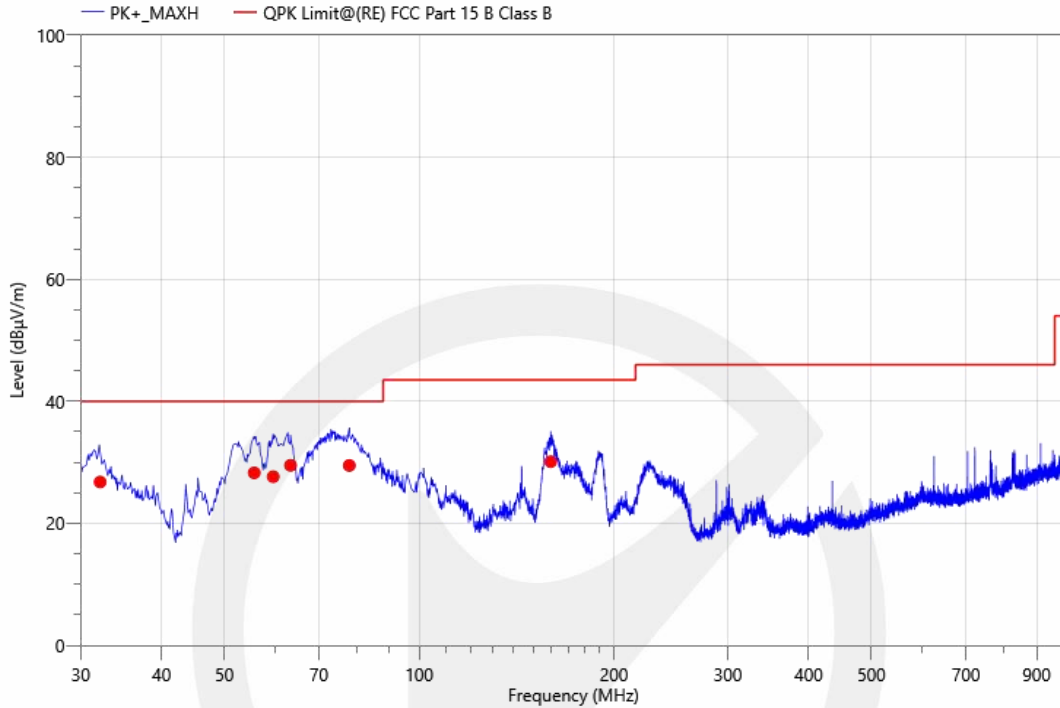


| Freq. (MHz)                                             | Reading (dBμV) | Corr. (dB) | Meas. (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Det. | Verdict |
|---------------------------------------------------------|----------------|------------|----------------|----------------|-------------|------|---------|
| 0.111                                                   | 73.94          | 20.2       | 94.14          | 113.52         | 19.38       | PK+  | PASS    |
| 0.333                                                   | 45.39          | 20.23      | 65.62          | 106.54         | 40.92       | PK+  | PASS    |
| 0.555                                                   | 32.56          | 20.1       | 52.66          | 72.71          | 20.05       | PK+  | PASS    |
| 0.775                                                   | 29.96          | 20.2       | 50.16          | 69.82          | 19.66       | PK+  | PASS    |
| 0.998                                                   | 20.01          | 20.31      | 40.32          | 67.62          | 27.30       | PK+  | PASS    |
| 1.224                                                   | 19.14          | 20.27      | 39.41          | 65.85          | 26.44       | PK+  | PASS    |
| Note: Final Result (Margin=Limit-Meas.(Reading +Corr.)) |                |            |                |                |             |      |         |

| Freq. (MHz)                                             | Reading (dBμV) | Corr. (dB) | Meas. (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Det. | Verdict |
|---------------------------------------------------------|----------------|------------|----------------|----------------|-------------|------|---------|
| 0.111                                                   | 67.81          | 20.2       | 88.01          | 113.52         | 25.51       | AVG  | PASS    |
| 0.333                                                   | 39.04          | 20.23      | 65.62          | 106.54         | 47.27       | AVG  | PASS    |
| Note: Final Result (Margin=Limit-Meas.(Reading +Corr.)) |                |            |                |                |             |      |         |

30MHz-1GHz:

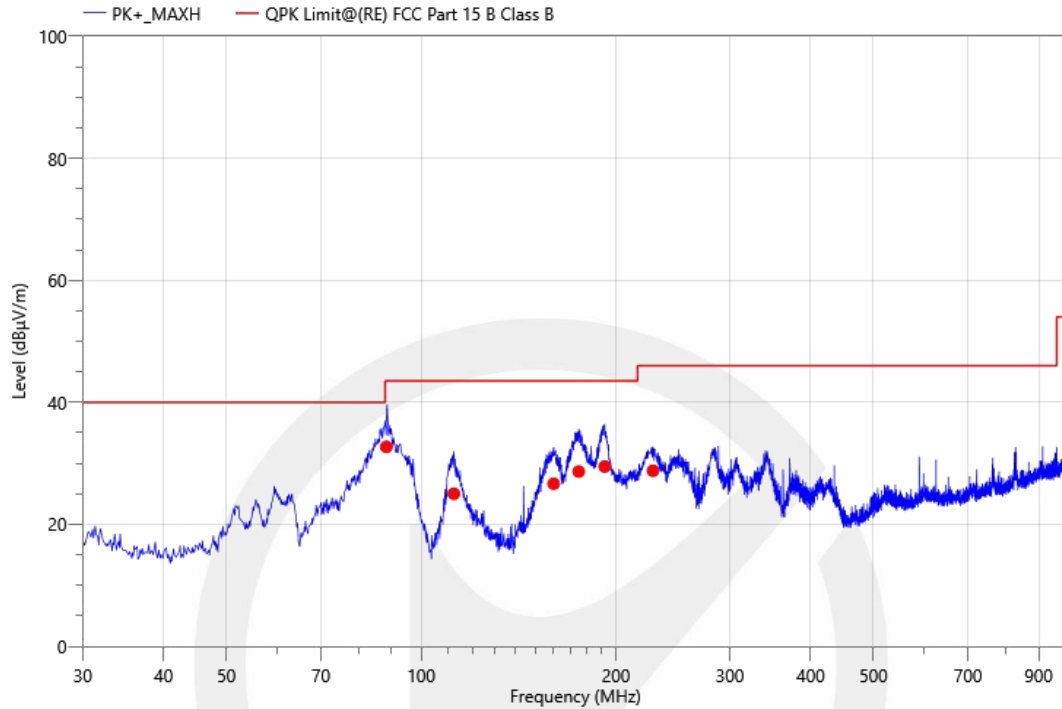
| Project Information |                      |           |              |
|---------------------|----------------------|-----------|--------------|
| Mode:               | Wireless Charging    | Voltage:  | AC 120V/60Hz |
| Environment:        | Temp: 16°C; Humi:48% | Engineer: | WK Luo       |



| Freq. (MHz) | Reading (dBμV) | Corr. (dB) | Meas. (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Det. | Height (cm) | Pol. | Azimuth (deg) | Verdict |
|-------------|----------------|------------|----------------|----------------|-------------|------|-------------|------|---------------|---------|
| 32.134      | 51.98          | -25.2      | 26.78          | 40.00          | 13.22       | QPK  | 100         | V    | 205.5         | PASS    |
| 55.605      | 53.41          | -25.12     | 28.29          | 40.00          | 11.71       | QPK  | 100         | V    | 254.0         | PASS    |
| 59.485      | 53.45          | -25.79     | 27.66          | 40.00          | 12.34       | QPK  | 100         | V    | 0.0           | PASS    |
| 63.268      | 55.77          | -26.26     | 29.51          | 40.00          | 10.49       | QPK  | 100         | V    | 69.5          | PASS    |
| 77.992      | 56.44          | -26.95     | 29.49          | 40.00          | 10.51       | QPK  | 100         | V    | 50.0          | PASS    |
| 159.676     | 57.10          | -26.99     | 30.11          | 43.50          | 13.39       | QPK  | 100         | V    | 265.5         | PASS    |

Note: Final Result (Margin=Limit-Meas.(Reading +Corr.))

| Project Information |                      |           |              |
|---------------------|----------------------|-----------|--------------|
| Mode:               | Wireless Charging    | Voltage:  | AC 120V/60Hz |
| Environment:        | Temp: 16°C; Humi:48% | Engineer: | WK Luo       |



| Freq. (MHz) | Reading (dBμV) | Corr. (dB) | Meas. (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Det. | Height (cm) | Pol. | Azimuth (deg) | Verdict |
|-------------|----------------|------------|----------------|----------------|-------------|------|-------------|------|---------------|---------|
| 88.363      | 58.93          | -26.22     | 32.71          | 43.50          | 10.79       | QPK  | 200         | H    | 352.4         | PASS    |
| 112.345     | 51.31          | -26.29     | 25.02          | 43.50          | 18.48       | QPK  | 200         | H    | 122.4         | PASS    |
| 160.258     | 53.65          | -26.98     | 26.67          | 43.50          | 16.83       | QPK  | 200         | H    | 311.9         | PASS    |
| 175.194     | 54.90          | -26.24     | 28.66          | 43.50          | 14.84       | QPK  | 200         | H    | 344.4         | PASS    |
| 192.168     | 54.81          | -25.33     | 29.48          | 43.50          | 14.02       | QPK  | 100         | H    | 12.6          | PASS    |
| 228.151     | 52.62          | -23.83     | 28.79          | 46.00          | 17.21       | QPK  | 100         | H    | 0             | PASS    |

Note: Final Result (Margin=Limit-Meas.(Reading +Corr.))

## 7. ANTENNA APPLICATION

### 7.1. Antenna Requirement

| Standard            | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC CRF Part 15.203 | 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, or §15.221. Further, this requirement does not apply to intentional radiators that must be 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. |

For intentional device, according to FCC 47 CFR Section 15.203, 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.

### 7.2. Result

Pass

Note: The EUT has 1 antenna: The internal antenna gain is 0.0 dBi;

- ☒ Antenna use a permanently attached antenna which is not replaceable.
- ☐ Not using a standard antenna jack or electrical connector for antenna replacement
- ☐ The antenna has to be professionally installed (please provide method of installation) which in accordance to section 15.203, please refer to the internal photos.

\*\*\* End of Report \*\*\*

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