

# FCC PART 18

Embedded smart furniture wireless charger

MODEL No.: T02

FCC ID: 2BD2K-T02

REPORT NO.:NCT24010143XE-1

ISSUE DATE: Mar. 12, 2024

*Prepared for*

SHENZHEN HOPEPOWER TECHNOLOGY CO.,LTD

NO.302-326 Room,3F ChangAn ZhiGu,Xitou community,  
Songgang Street, Bao'an district, Shenzhen city, China.

*Prepared by*

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**TEST REPORT DESCRIPTION**

Applicant : SHENZHEN HOPEPOWER TECHNOLOGY CO.,LTD  
Address : NO.302-326 Room,3F ChangAn ZhiGu,Xitou community,  
Songgang Street, Bao'an district, Shenzhen city, China.  
Manufacturer : SHENZHEN HOPEPOWER TECHNOLOGY CO.,LTD  
Address : NO.302-326 Room,3F ChangAn ZhiGu,Xitou community,  
Songgang Street, Bao'an district, Shenzhen city, China.  
EUT : Embedded smart furniture wireless charger  
Model Name : T02  
Trademark : HKT

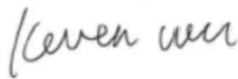
Measurement Procedure Used:

| APPLICABLE STANDARDS |             |
|----------------------|-------------|
| STANDARD             | TEST RESULT |
| FCC 47 CFR Part 18   | PASS        |

The above equipment was tested by Shenzhen NCT Testing Technology 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 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 18

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

Test Engineer:



Keven Wu / Engineer

Technical Manager:



Henry Wang / Manager



## Modified Information

| Version | Report No.      | Revision Data | Summary          |
|---------|-----------------|---------------|------------------|
| Ver.1.0 | NCT24010143XE-1 | Mar. 12, 2024 | Original Version |
|         |                 |               |                  |

## 1. SUMMARY OF TEST RESULTS

| Test Item                         | Section in CFR 47 | Result |
|-----------------------------------|-------------------|--------|
| Conducted Emission (150K-30MHz)   | 18.307            | Pass   |
| Radiated disturbance9KHz-30MHz    | 18.305            | Pass   |
| Radiated disturbance30MHz-1000MHz | 18.305            | Pass   |

## 2. GENERAL INFORMATION

### 2.1. Description of Device (EUT)

EUT : Embedded smart furniture wireless charger

Model Number : T02  
Model different : N/A

Power Rating : Type-c Input: 5Vdc,2A; 9Vdc,2A; 12Vdc,2A  
USB Output: 5Vdc,1.5-2A  
Wireless Charging output:5W/7.5W/10W/15W

Date of Received : Mar.04, 2024

Date of Test : Mar.04, 2024 to Mar.11, 2024

### 2.2. 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                                 | Mfr/Brand | Model/Type No.   | Series No. | Note      |
|------|-------------------------------------------|-----------|------------------|------------|-----------|
| E-1  | Embedded smart furniture wireless charger | N/A       | T02              | N/A        | EUT       |
| E-2  | Phone                                     | Mi        | Xiaomi 13 Ultra  | N/A        | Auxiliary |
| E-3  | Adapter                                   | N/A       | A18A-050100U-US2 | N/A        | Auxiliary |

Note: (1)The support equipment was authorized by Declaration of Confirmation.  
(2)For detachable type I/O cable should be specified the length in cm in 『Length』 column.

### 2.3. Independent Operation Modes

| Mode | Description              | Remark() |
|------|--------------------------|----------|
| 1.   | Wireless output:5W       | 5%       |
| 2.   |                          | 50%      |
| 3.   |                          | 95%      |
| 4.   | Wireless output:7.5W     | 5%       |
| 5.   |                          | 50%      |
| 6.   |                          | 95%      |
| 7.   | Wireless output:10W      | 5%       |
| 8.   |                          | 50%      |
| 9.   |                          | 95%      |
| 10.  | Wireless output:15W      | 5%       |
| 11.  |                          | 50%      |
| 12.  |                          | 95%      |
| 13.  | USB-C Output: 5Vdc, 1.5A |          |
| 14.  | USB-C Output: 5Vdc, 2A   |          |

Note: All modes have been tested, only the data reflecting the worst test mode is included in the report.

### 2.4. Description of Test Facility

#### Site Description

EMC Lab. : Accredited by CNAS, 2022-09-27  
The certificate is valid until 2028.01.07  
The Laboratory has been assessed and proved to be in compliance with  
CNAS-CL01:2006 (identical to ISO/IEC 17025:2017)  
The Certificate Registration Number is L8251

Designation Number: CN1347  
Test Firm Registration Number: 894804  
Accredited by A2LA, June 14, 2023  
The Certificate Registration Number is 6837.01

Accredited by Industry Canada, November 09, 2018  
The Conformity Assessment Body Identifier is CN0150  
Company Number: 30806

Name of Firm : Shenzhen NCT Testing Technology Co., Ltd.  
Site Location : A101&2F B2, Fuqiao 6th Area, Xintian Community, Fuhai Street, Baoan District, Shenzhen, People's Republic of China

## 2.5. Measurement Uncertainty

| Parameter                          | Uncertainty              |
|------------------------------------|--------------------------|
| RF output power, conducted         | ±1.0dB                   |
| Power Spectral Density, conducted  | ±2.2dB                   |
| Radio Frequency                    | ± 1 x 10 <sup>-6</sup>   |
| Bandwidth                          | ± 1.5 x 10 <sup>-6</sup> |
| Time                               | ±2%                      |
| Duty Cycle                         | ±2%                      |
| Temperature                        | ±1°C                     |
| Humidity                           | ±5%                      |
| DC and low frequency voltages      | ±3%                      |
| Conducted Emissions (150kHz~30MHz) | ±3.64dB                  |
| Radiated Emission(9kHz~30MHz)      | ±4.51dB                  |
| Radiated Emission(30MHz~1GHz)      | ±5.03dB                  |
| Radiated Emission(1GHz~25GHz)      | ±4.74dB                  |

### 3. MEASURING DEVICE AND TEST EQUIPMENT

#### Radiated emission & Radio Frequency Test Equipment

| Name                                                | Model No.         | Serial No. | Manufacturer    | Date of Cal. | Due Date  |
|-----------------------------------------------------|-------------------|------------|-----------------|--------------|-----------|
| 966 Shielded Room                                   | 966 Room          | /          | EMToni          | 2022/5/31    | 2025/5/30 |
| EMI Test Receiver                                   | ESCI              | 101178     | Rohde & Schwarz | 2023/6/21    | 2024/6/20 |
| Spectrum Analyze<br>(10Hz-26.5GHz)                  | N9020A            | MY50510202 | Agilent         | 2023/6/21    | 2024/6/20 |
| Amplifi<br>(30MHz-1GHz)                             | BBV 9743 B        | 00374      | SCHNARZBECK     | 2023/6/21    | 2024/6/20 |
| Bilog Antenna<br>(30MHz-1GHz)                       | VULB9162          | 00473      | SCHNARZBECK     | 2023/3/19    | 2025/3/18 |
| Horn antenna<br>(1GHz-18GHz)                        | BBHA 9120 D       | 02622      | SCHNARZBECK     | 2023/3/19    | 2025/3/18 |
| Pream plifier<br>(1GHz-18GHz)                       | BBV 9718D         | 0024       | SCHNARZBECK     | 2023/6/21    | 2024/6/20 |
| Spectrum Analyze<br>(10Hz-40GHz)                    | FSV 40            | 100952     | Rohde & Schwarz | 2023/6/21    | 2024/6/20 |
| Pream plifier<br>(18GHz-40GHz)                      | BBV 9721          | 0056       | SCHNARZBECK     | 2023/6/21    | 2024/6/20 |
| Double Ridge Guide<br>Horn Antenna<br>(18GHz-40GHz) | SAS-574           | 588        | A.H.System      | 2023/3/19    | 2025/3/18 |
| Loop Antenna<br>(9KHz-30MHz)                        | FMZB1519B         | 014        | SCHNARZBECK     | 2023/6/21    | 2024/6/20 |
| Amplifier<br>(9KHz-30MHz)                           | CVP 9222 C        | 00109      | SCHNARZBECK     | 2023/6/21    | 2024/6/20 |
| MXG Signal<br>Analyzer                              | N9020A            | MY50510202 | Agilent         | 2023/6/21    | 2024/6/20 |
| MXG Vector Signal<br>Generator                      | N5182A            | MY50140020 | Agilent         | 2023/6/21    | 2024/6/20 |
| MXG Analog Signal<br>Generator                      | N5181A            | MY47420919 | Agilent         | 2023/6/21    | 2024/6/20 |
| Power Sensor                                        | TR1029-2          | 512364     | Techoy          | 2023/6/21    | 2024/6/20 |
| RF Swith                                            | TR1029-1          | 512364     | Techoy          | 2023/6/21    | 2024/6/20 |
| Cable                                               | DA800-<br>4000MM  | NA         | DA              | 2023/6/21    | 2024/6/20 |
| Cable                                               | DA800-<br>11000MM | NA         | DA              | 2023/6/21    | 2024/6/20 |

## Conducted emission Test Equipment

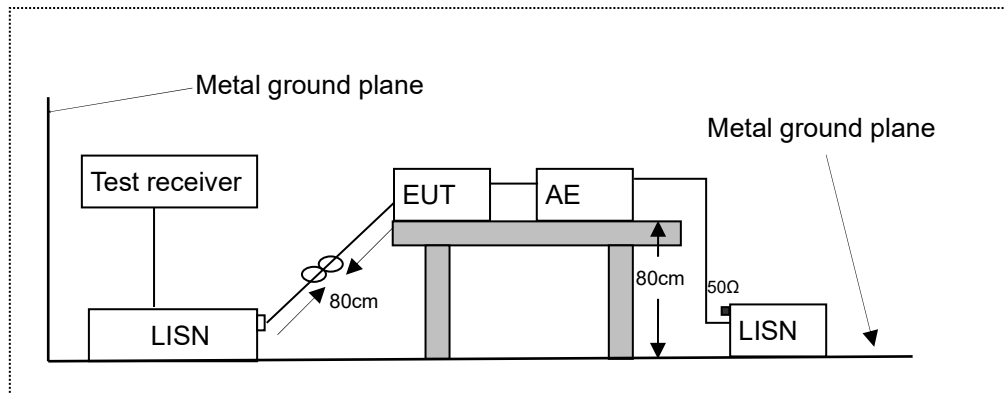
| Name              | Model No.    | Serial No. | Manufacturer    | Date of Cal. | Due Date  |
|-------------------|--------------|------------|-----------------|--------------|-----------|
| 944 Shielded Room | 944 Room     | /          | EMToni          | 2022/5/31    | 2025/5/30 |
| EMI Test Receiver | ESPI         | 101604     | Rohde & Schwarz | 2023/6/21    | 2024/6/20 |
| LISN              | ENV 216      | 102796     | Rohde & Schwarz | 2023/6/21    | 2024/6/20 |
| LISN              | VN1-13S      | 004023     | CRANAGE         | 2023/6/21    | 2024/6/20 |
| Cable             | RG223-1500MM | NA         | RG              | 2023/6/21    | 2024/6/20 |

## Other

| Item | Name                         | Manufacturer | Model  | Software version |
|------|------------------------------|--------------|--------|------------------|
| 1    | EMC Conduction Test System   | AUDIX        | e3     | 6.120718         |
| 2    | EMC radiation test system    | AUDIX        | e3     | 6.120718         |
| 3    | RF test system               | TACHOY       | RFTest | V1.0.0           |
| 4    | RF communication test system | TACHOY       | RFTest | V1.0.0           |

## 4. POWER LINE CONDUCTED EMISSION MEASUREMENT

### 4.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network

AE: Associated equipment

EUT: Equipment under test

### 4.2. Limits

FCC Part 18

| Frequency<br>(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.

### 4.3. 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 x1.0 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:

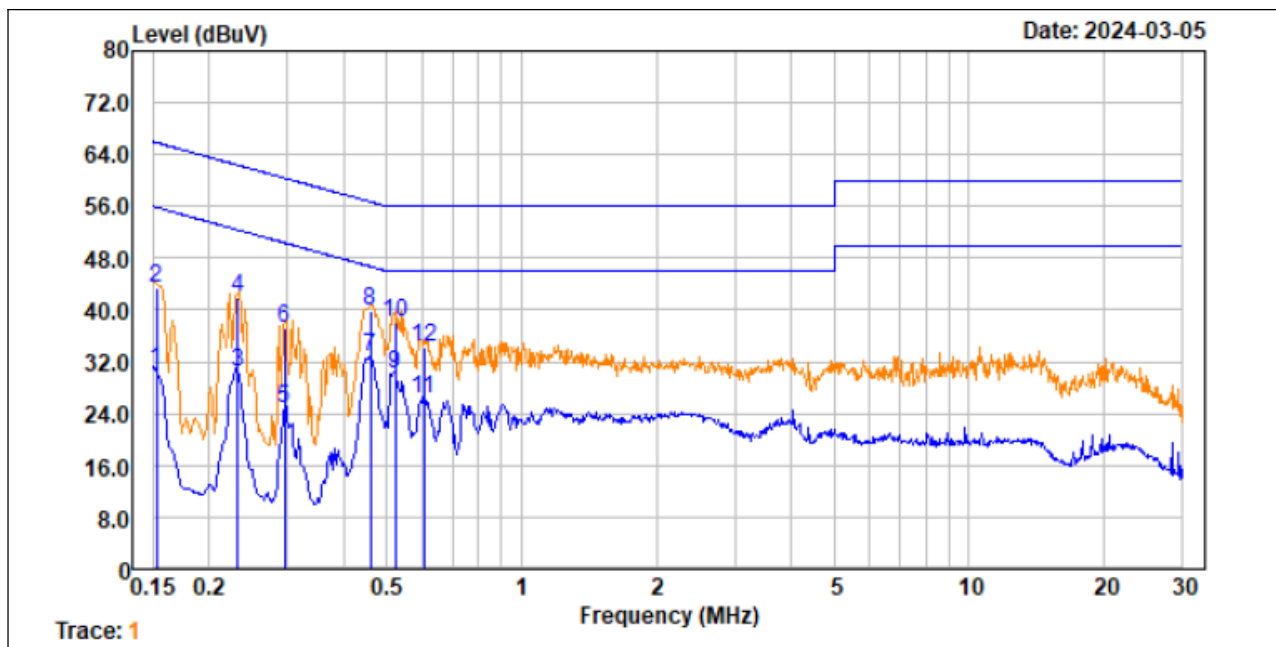
Emission Level (dB $\mu$ V) = LISN Factor (dB) + Cable Loss (dB) + Reading (dB $\mu$ V)

Margin (dB) = Emission Level (dB $\mu$ V) - Limit (dB $\mu$ V)

#### 4.4. Measuring Results

**PASS.**

|                |              |                    |         |
|----------------|--------------|--------------------|---------|
| Temperature:   | 26°C         | Relative Humidity: | 54%     |
| Pressure:      | 101kPa       | Phase :            | L       |
| Test Voltage : | AC 120V/60Hz | Mode:              | Mode 10 |

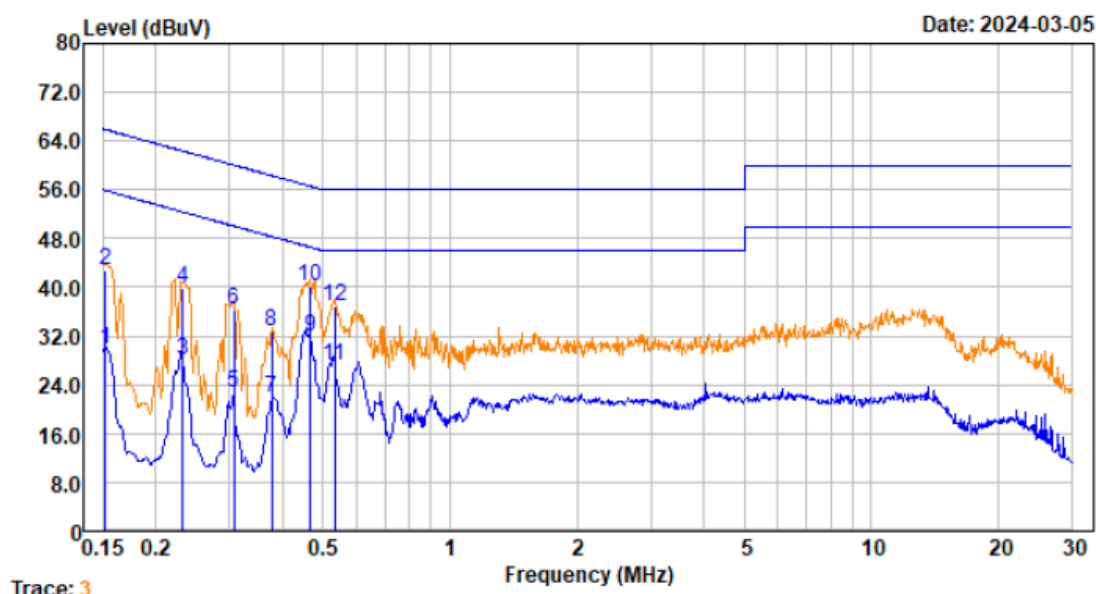


| No. | Freq<br>MHz | Cable<br>Loss<br>dB | LISN<br>Factor<br>dB/m | Receiver<br>Reading<br>dBuV | Emission<br>Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Remark  |
|-----|-------------|---------------------|------------------------|-----------------------------|-----------------------------|-----------------|---------------------|---------|
| 1.  | 0.153       | 0.00                | 9.54                   | 10.90                       | 30.60                       | 55.82           | -25.22              | Average |
| 2.  | 0.153       | 0.00                | 9.54                   | 23.80                       | 43.50                       | 65.82           | -22.32              | QP      |
| 3.  | 0.232       | 0.01                | 9.55                   | 10.76                       | 30.46                       | 52.39           | -21.93              | Average |
| 4.  | 0.232       | 0.01                | 9.55                   | 22.10                       | 41.80                       | 62.39           | -20.59              | QP      |
| 5.  | 0.296       | 0.01                | 9.56                   | 5.03                        | 24.73                       | 50.37           | -25.64              | Average |
| 6.  | 0.296       | 0.01                | 9.56                   | 17.60                       | 37.30                       | 60.37           | -23.07              | QP      |
| 7.  | 0.459       | 0.01                | 9.57                   | 13.19                       | 32.89                       | 46.71           | -13.82              | Average |
| 8.  | 0.459       | 0.01                | 9.57                   | 20.10                       | 39.80                       | 56.71           | -16.91              | QP      |
| 9.  | 0.521       | 0.01                | 9.57                   | 10.47                       | 30.16                       | 46.00           | -15.84              | Average |
| 10. | 0.521       | 0.01                | 9.57                   | 18.41                       | 38.10                       | 56.00           | -17.90              | QP      |
| 11. | 0.604       | 0.02                | 9.58                   | 6.60                        | 26.31                       | 46.00           | -19.69              | Average |
| 12. | 0.604       | 0.02                | 9.58                   | 14.59                       | 34.30                       | 56.00           | -21.70              | QP      |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor

|                |              |                    |         |
|----------------|--------------|--------------------|---------|
| Temperature:   | 26°C         | Relative Humidity: | 54%     |
| Pressure:      | 101kPa       | Phase :            | N       |
| Test Voltage : | AC 120V/60Hz | Mode:              | Mode 10 |



| No. | Freq<br>MHz | Cable<br>Loss<br>dB | LISN<br>Factor<br>dB/m | Receiver<br>Reading<br>dBuV | Emission<br>Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Remark  |
|-----|-------------|---------------------|------------------------|-----------------------------|-----------------------------|-----------------|---------------------|---------|
| 1.  | 0.152       | 0.00                | 9.53                   | 10.21                       | 29.90                       | 55.87           | -25.97              | Average |
| 2.  | 0.152       | 0.00                | 9.53                   | 23.20                       | 42.89                       | 65.87           | -22.98              | QP      |
| 3.  | 0.232       | 0.01                | 9.55                   | 8.25                        | 27.95                       | 52.39           | -24.44              | Average |
| 4.  | 0.232       | 0.01                | 9.55                   | 20.20                       | 39.90                       | 62.39           | -22.49              | QP      |
| 5.  | 0.307       | 0.01                | 9.56                   | 2.92                        | 22.62                       | 50.06           | -27.44              | Average |
| 6.  | 0.307       | 0.01                | 9.56                   | 16.70                       | 36.40                       | 60.06           | -23.66              | QP      |
| 7.  | 0.377       | 0.01                | 9.57                   | 2.19                        | 21.90                       | 48.34           | -26.44              | Average |
| 8.  | 0.377       | 0.01                | 9.57                   | 13.10                       | 32.81                       | 58.34           | -25.53              | QP      |
| 9.  | 0.466       | 0.01                | 9.58                   | 12.31                       | 32.02                       | 46.58           | -14.56              | Average |
| 10. | 0.466       | 0.01                | 9.58                   | 20.30                       | 40.01                       | 56.58           | -16.57              | QP      |
| 11. | 0.532       | 0.01                | 9.58                   | 7.37                        | 27.07                       | 46.00           | -18.93              | Average |
| 12. | 0.532       | 0.01                | 9.58                   | 17.31                       | 37.01                       | 56.00           | -18.99              | QP      |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Measurement Level = Reading level + Correct Factor

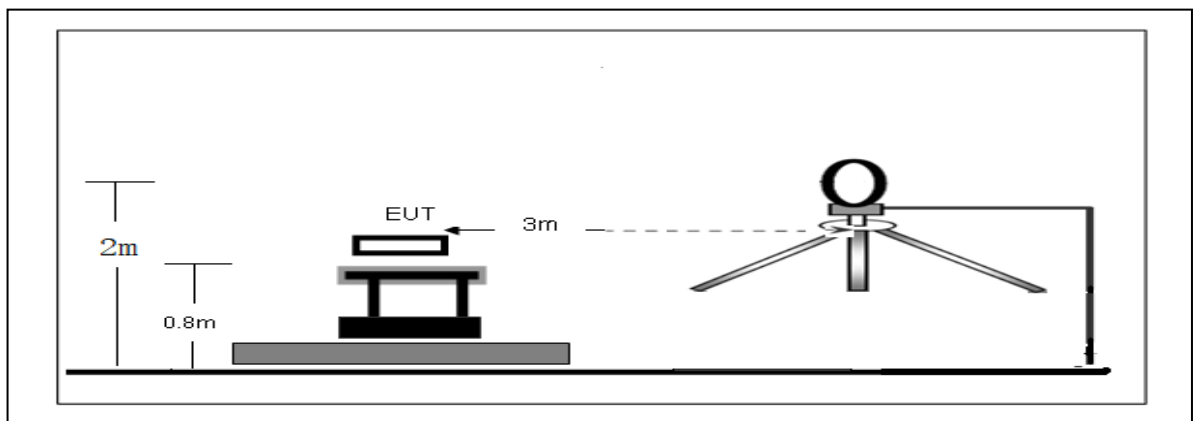
## 5. RADIATED EMISSION TEST

### 5.1.Measurement Procedure

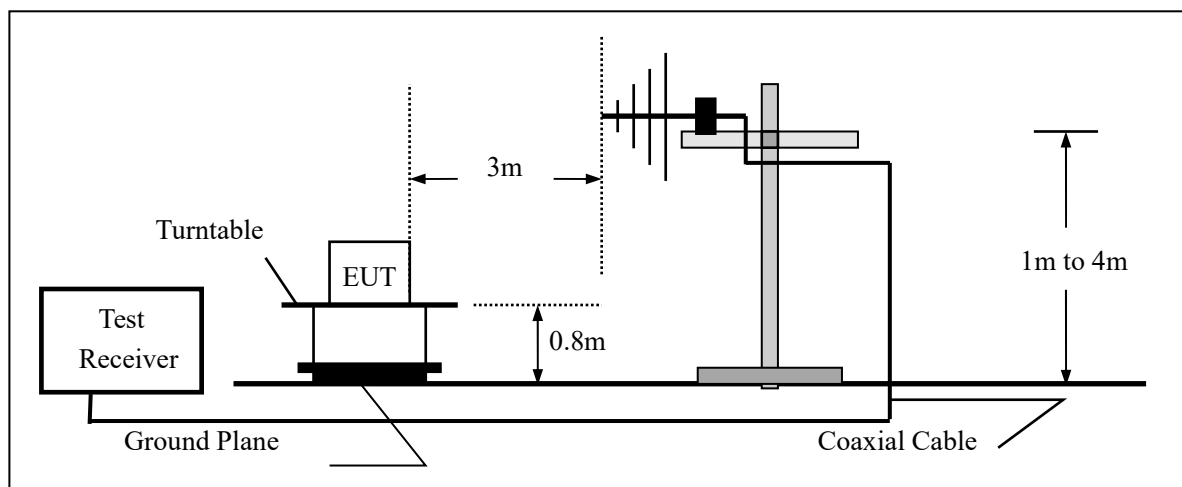
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above 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

### 5.2.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



## 5.3. Radiated Emission Limit

Limits for frequency below 30MHz

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:

| Frequency<br>MHz | Distance<br>Meters | Field Strengths Limit |            |
|------------------|--------------------|-----------------------|------------|
|                  |                    | dB $\mu$ V/m          | Remark     |
| 0.009~30MHz      | 3                  | 103.5                 | Quasi-peak |

Remark: (1) Emission level dB  $\mu$ V/m for 0.009~30MHz =  $20\log(15) + 40\log(300/3)$  dB  $\mu$ V/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.

Limits for frequency Above 30MHz

| FREQUENCY<br>(MHz) | DISTANCE<br>(Meters) | FIELD STRENGTHS LIMITS<br>(dB $\mu$ V/m) |
|--------------------|----------------------|------------------------------------------|
| 30 ~ 1000          | 3                    | 63.5                                     |

(1) Emission level dB  $\mu$ V/m for above 30MHz =  $20\log(15) + 20\log(300/3)$  dB  $\mu$ V/m

### 5.4. 4.4 EUT Configuration on Test

The FCC PART 18 regulations test method must be used to find the maximum emission during radiated emission test. The configuration of EUT is the same as used in conducted emission test. Please refer to Section 2.2.

### 5.5. 4.5 Operating Condition of EUT

Same as conducted emission test, which is listed in Section 2.2 except the test set up replaced as Section 4.1.

#### 5.6. 4.6 Test Procedure

##### 1) Sequence of testing 9 kHz to 30 MHz

###### Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

###### Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
  - The antenna height is 2.0 meter.
  - At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions
- ###### Final measurement:
- Identified emissions during the premeasurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).
  - The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.
  - The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

##### Sequence of testing 30 MHz to 1 GHz Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

###### Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height changes from 1 to 4 meter.
- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

###### Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ( $\pm 45^\circ$ ) and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored

## 5.7.Measurement Result

Measurement data:

Note: Limit dBuV/m @3m = Limit dBuV/m @300m+ 80

Limit dBuV/m @3m = Limit dBuV/m @30m + 40

9 kHz~30 MHz

|                |              |                    |         |
|----------------|--------------|--------------------|---------|
| Temperature:   | 26℃          | Relative Humidity: | 54%     |
| Pressure:      | 101kPa       |                    |         |
| Test Voltage : | AC 120V/60Hz | Mode:              | Mode 10 |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Detector Type |
|-----------|---------------|--------|----------------|----------|--------|---------------|
| (kHz)     | (dBμV/m)      | (dB/m) | (dBμV/m)       | (dBμV/m) | (dB)   |               |
| 125       | 75.69         | 20.17  | 95.86          | 103.5    | -7.64  | QP            |
| 157.3     | 66.86         | 20.17  | 87.03          | 103.5    | -16.47 | QP            |
| 324       | 70.47         | 20.25  | 90.72          | 103.5    | -12.78 | QP            |
| 1415.33   | 67.76         | 20.25  | 88.01          | 103.5    | -15.49 | QP            |
| 4118.74   | 68.15         | 20.24  | 88.39          | 103.5    | -15.11 | QP            |
| 5523.91   | 69.23         | 20.24  | 89.47          | 103.5    | -14.03 | QP            |

Note:

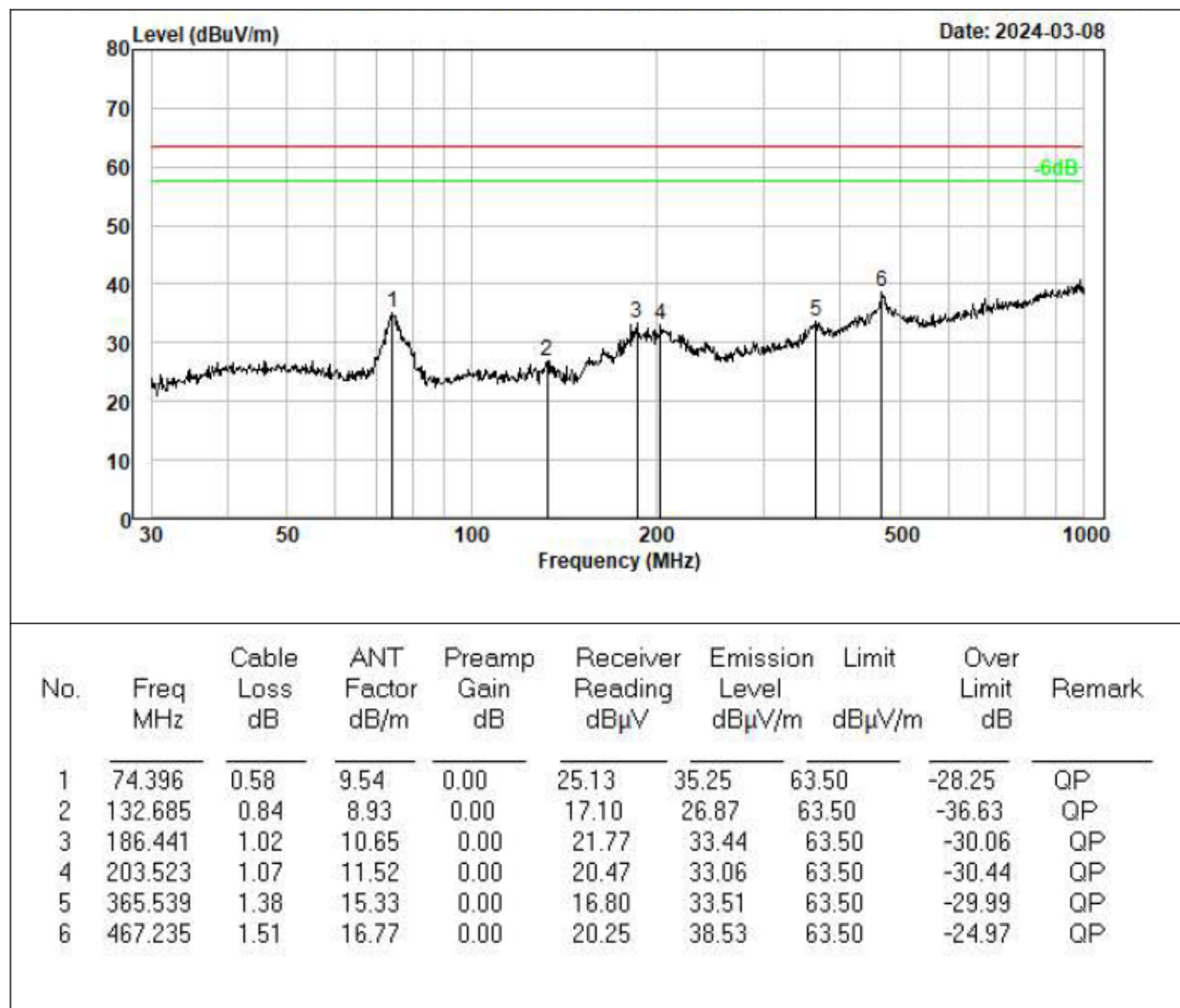
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

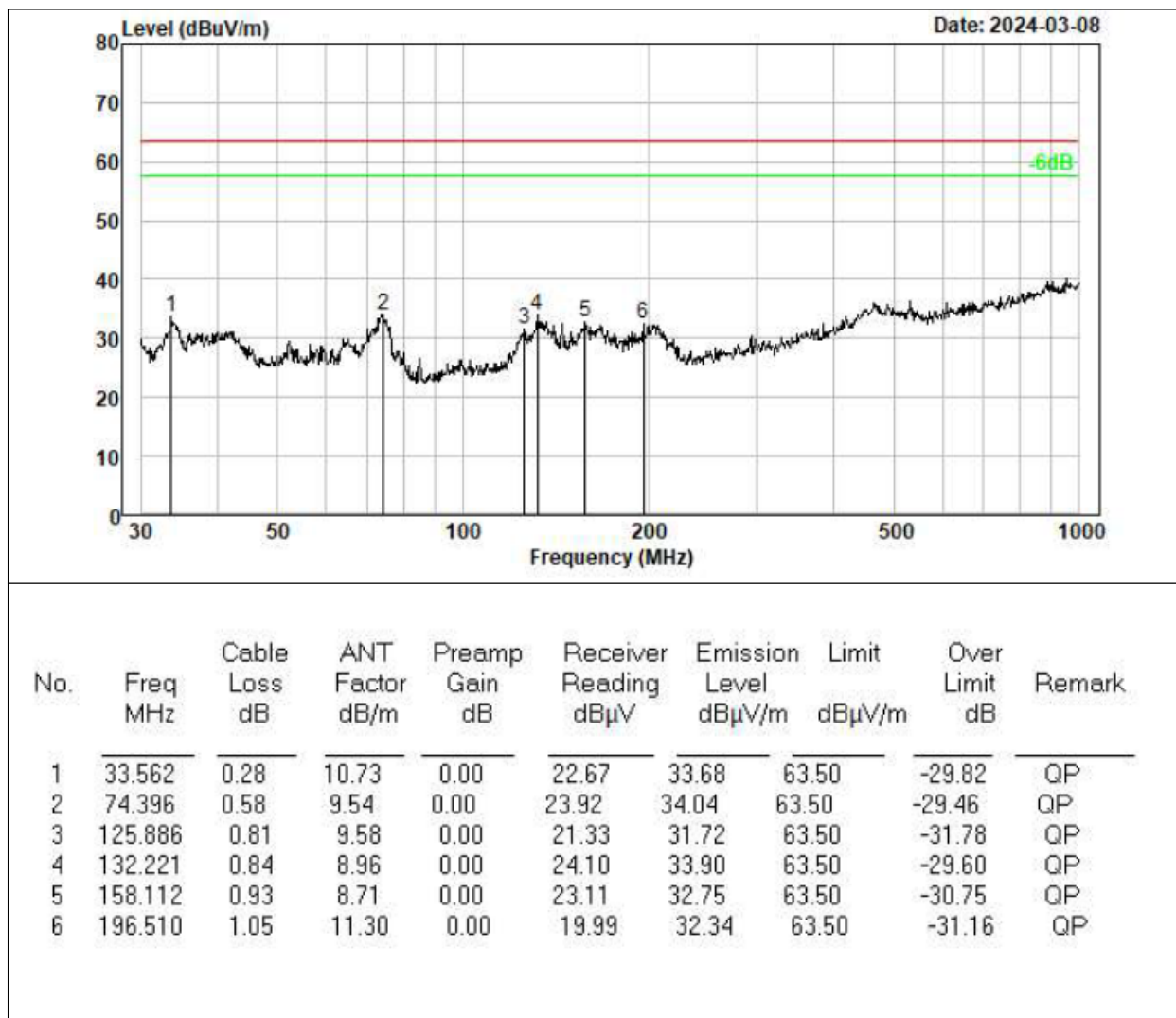
Margin = Emission Level- Limit.

30MHz-1GHz:

|               |              |                    |            |
|---------------|--------------|--------------------|------------|
| Temperature:  | 26℃          | Relative Humidity: | 54%        |
| Pressure:     | 101 kPa      | Polarization:      | Horizontal |
| Test Voltage: | AC 120V/60Hz | Mode:              | Model 10   |



|               |              |                    |          |
|---------------|--------------|--------------------|----------|
| Temperature:  | 26°C         | Relative Humidity: | 54%      |
| Pressure:     | 101 kPa      | Polarization:      | Vertical |
| Test Voltage: | AC 120V/60Hz | Mode:              | Model 10 |



Remarks:

- 1.Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.

## 6. TEST PHOTOGRAPHS AND EUT PHOTOGRAPHS

Please the attachment for details.

-----The end-----