

# FCC RADIO TEST REPORT

**FCC ID: 2A323-W125**

**Sample :** Magnetic 3-in-1 Foldable Wireless Charging  
Station with Active Cooling

**Trade Mark :** meskey

**Main Model :** W125

**Additional Model :** W125 PRO

**Report No. :** UNIA26081814ER-61

## Prepared for

Shenzhen Meskey Technology Co.,Ltd  
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Shenzhen China

## Prepared by

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## TEST RESULT CERTIFICATION

**Applicant** .....: Shenzhen Meskey Technology Co.,Ltd  
**Address** .....: Room 802, Building 1, West District, Honghu Science and Technology Park, No. 22, Ping 'an Road, Zhangxi Community, Guanhu Street, Longhua District, Shenzhen China

**Manufacturer** .....: Shenzhen Meskey Technology Co.,Ltd  
**Address** .....: Room 802, Building 1, West District, Honghu Science and Technology Park, No. 22, Ping 'an Road, Zhangxi Community, Guanhu Street, Longhua District, Shenzhen China

### Product description

**Product** .....: Magnetic 3-in-1 Foldable Wireless Charging Station with Active Cooling  
**Trade Mark** .....: meskey  
**Model Name** .....: W125, W125 PRO

**Test Methods** .....: FCC Rules and Regulations Part 15 Subpart C Section 15.209  
ANSI C63.10: 2020

This device described above has been tested by Shenzhen United Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.  
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### Date of Test

**Date (s) of performance of tests** .....: Aug. 19, 2026 ~ Aug. 27, 2026  
**Date of Issue** .....: Sept. 07, 2026  
**Test Result** .....: Pass

Jason Ye

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## 1 TEST SUMMARY

### 1.1 TEST PROCEDURES AND RESULTS

| Item | FCC Rules          | Description Of Test | Result |
|------|--------------------|---------------------|--------|
| 1    | FCC Part 15.207    | Conducted Emission  | Pass   |
| 2    | FCC Part 15.209(a) | Radiated Emission   | Pass   |
| 3    | FCC Part 15.203    | Antenna Requirement | Pass   |

### 1.2 TEST FACILITY

Test Firm : Shenzhen United Testing Technology Co., Ltd.  
Address : D101&D401, No. 107, Kaicheng High-Tech Park, Taoyuan Community,  
Dalang Sub-District, Longhua District, Shenzhen, Guangdong, China

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

A2LA Certificate Number: 4747.01

The EMC Laboratory has been accredited by A2LA, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

FCC Registration Number: 674885

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission.

IC Registration Number: 31584

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada.

### 1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

#### A. Conducted Measurement:

| Test Site | Method | Measurement Frequency Range | U, (dB) | NOTE |
|-----------|--------|-----------------------------|---------|------|
| UNI       | ANSI   | 9KHz ~ 150KHz               | 2.96    |      |
|           |        | 150KHz ~ 30MHz              | 2.44    |      |

#### B. Radiated Measurement:

| Test Site | Method | Measurement Frequency Range | U, (dB) | NOTE |
|-----------|--------|-----------------------------|---------|------|
| UNI       | ANSI   | 9KHz ~ 30MHz                | 2.50    |      |
|           |        | 30MHz ~ 1000MHz             | 4.80    |      |
|           |        | 1000MHz ~ 6000MHz           | 4.13    |      |

## 2 GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

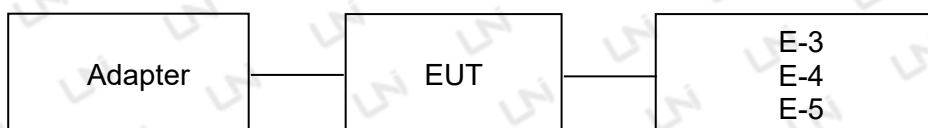
|                                        |                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product:</b>                        | Magnetic 3-in-1 Foldable Wireless Charging Station with Active Cooling                                                                               |
| <b>Trade Mark:</b>                     | meskey                                                                                                                                               |
| <b>Main Model:</b>                     | W125                                                                                                                                                 |
| <b>Additional Model:</b>               | W125 PRO                                                                                                                                             |
| <b>Model Difference:</b>               | All model' s the function, software and electric circuit are the same, only with a product color and model named different. Test sample model: W125. |
| <b>FCC ID:</b>                         | 2A323-W125                                                                                                                                           |
| <b>Operation Frequency:</b>            | Phone: 110-360kHz<br>TWS: 110-205kHz<br>Watch: 326.5kHz                                                                                              |
| <b>Modulation Type:</b>                | ASK                                                                                                                                                  |
| <b>Wireless Charging Output Power:</b> | Output1:Phone 5W/7.5W/10W/15W/25W(max)<br>Output2:TWS 5W(max)<br>Output3:Watch 2.5W(max)                                                             |
| <b>Antenna Type:</b>                   | Coil antenna                                                                                                                                         |
| <b>Antenna Gain:</b>                   | 0dbi                                                                                                                                                 |
| <b>Battery:</b>                        | N/A                                                                                                                                                  |
| <b>Adapter:</b>                        | N/A                                                                                                                                                  |
| <b>Power Source:</b>                   | DC 15V/20V by Adapter                                                                                                                                |

## 2.2 TEST MODE

| NO.                                                                                                | TEST MODE DESCRIPTION                                                                             |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1                                                                                                  | ANT 1(Phone coil) + Full load (25W Folding mode)                                                  |
| 2                                                                                                  | ANT 1(Phone coil) + Half load (7.5W Folding mode)                                                 |
| 3                                                                                                  | ANT 1(Phone coil) + Null load (0W Folding mode)                                                   |
| 4                                                                                                  | ANT 1(Phone coil) + Full load (25W Before Folding mode)                                           |
| 5                                                                                                  | ANT 1(Phone coil) + Half load (7.5W Before Folding mode)                                          |
| 6                                                                                                  | ANT 1(Phone coil) + Null load (0W Before Folding mode)                                            |
| 7                                                                                                  | ANT 2(Earphone coil) + Full load (Before Folding mode)                                            |
| 8                                                                                                  | ANT 2(Earphone coil) + Half load (Before Folding mode)                                            |
| 9                                                                                                  | ANT 2(Earphone coil) + Null load (Before Folding mode)                                            |
| 10                                                                                                 | ANT 3(Watch coil) + Full load (Before Folding mode)                                               |
| 11                                                                                                 | ANT 3(Watch coil) + Half load (Before Folding mode)                                               |
| 12                                                                                                 | ANT 3(Watch coil) + Null load (Before Folding mode)                                               |
| 13                                                                                                 | ANT 1(Phone coil) + ANT 2(Earphone coil) + ANT 3(Watch coil)<br>+ Full load (Before Folding mode) |
| 14                                                                                                 | ANT 1(Phone coil) + ANT 2(Earphone coil) + ANT 3(Watch coil)<br>+ Half load (Before Folding mode) |
| 15                                                                                                 | ANT 1(Phone coil) + ANT 2(Earphone coil) + ANT 3(Watch coil)<br>+ Null load (Before Folding mode) |
| Note:<br>The mode 13 was the worst case and only the data of the worst case record in this report. |                                                                                                   |

## 2.3 TEST SETUP

Operation of EUT during testing:



## 2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

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. | Note |
|------|------------------------------------------------------------------------|-----------|----------------|------|
| E-1  | Magnetic 3-in-1 Foldable Wireless Charging Station with Active Cooling | meskey    | W125           | EUT  |
| E-2  | Adapter                                                                | N/A       | N/A            | AE   |
| E-3  | WPT Station<br>25W(max)/110-360kHz                                     | N/A       | N/A            | AE   |
| E-4  | Earphone<br>5W(max)/110-205kHz                                         | APPLE     | AirPods Pro2   | AE   |
| E-5  | Watch<br>2.5W/326.5kHz                                                 | APPLE     | Series 8       | AE   |

Note:

1. The support equipment was authorized by Declaration of Confirmation.
2. All the above equipment/cables were placed in worse case positions to maximize emission signals during emission test.

## 2.5 MEASUREMENT INSTRUMENTS LIST

| Item                             | Equipment                           | Manufacturer  | Model No.      | Serial No.    | Calibrated until |
|----------------------------------|-------------------------------------|---------------|----------------|---------------|------------------|
| Conduction Emissions Measurement |                                     |               |                |               |                  |
| 1                                | Conducted Emission Test Software    | EZ-EMC        | Ver.CCS-3A1-CE | N/A           | N/A              |
| 2                                | AMN                                 | Schwarzbeck   | NNLK8121       | 8121370       | 2027.03.25       |
| 3                                | AAN                                 | TESEQ         | T8-Cat6        | 38888         | 2027.03.25       |
| 4                                | Pulse Limiter                       | CYBRTEK       | EM5010         | E115010056    | 2027.03.25       |
| 5                                | EMI Test Receiver                   | Rohde&Schwarz | ESCI           | 101210        | 2027.03.25       |
| Radiated Emissions Measurement   |                                     |               |                |               |                  |
| 1                                | Radiated Emission Test Software     | EZ-EMC        | Ver.CCS-03A1   | N/A           | N/A              |
| 2                                | Horn Antenna                        | Sunol         | DRH-118        | A101415       | 2027.03.27       |
| 3                                | Broadband Hybrid Antenna            | Sunol         | JB1            | A090215       | 2027.03.27       |
| 4                                | PREAMP                              | HP            | 8449B          | 3008A00160    | 2027.03.29       |
| 5                                | PREAMP                              | HP            | 8447D          | 2944A07999    | 2027.03.25       |
| 6                                | EMI TEST RECEIVER                   | Rohde&Schwarz | ESR3           | 101891        | 2027.03.25       |
| 7                                | VECTOR Signal Generator             | Rohde&Schwarz | SMU200A        | 101521        | 2027.03.25       |
| 8                                | Signal Generator                    | Agilent       | E4421B         | MY4335105     | 2027.03.25       |
| 9                                | MXA Signal Analyzer                 | Agilent       | N9020A         | MY50510140    | 2027.03.25       |
| 10                               | MXA Signal Analyzer                 | Keysight      | N9020A         | MY51110104    | 2027.03.25       |
| 11                               | RF Power sensor                     | DARE          | RPR3006W       | 15I00041SNO88 | 2027.03.26       |
| 12                               | RF Power sensor                     | DARE          | RPR3006W       | 15I00041SNO89 | 2027.03.26       |
| 13                               | RF power divider                    | Anritsu       | K241B          | 992289        | 2027.03.26       |
| 14                               | Wideband radio communication tester | Rohde&Schwarz | CMW500         | 154987        | 2027.03.25       |
| 15                               | Active Loop Antenna                 | Com-Power     | AL-130R        | 10160009      | 2027.05.26       |
| 16                               | Broadband Hybrid Antennas           | Schwarzbeck   | VULB9163       | VULB9163#958  | 2027.03.25       |
| 17                               | Horn Antenna                        | Schwarzbeck   | BBHA9120D      | 9120D-1680    | 2027.03.25       |
| 18                               | Horn Antenna                        | A-INFOMW      | LB-180400-KF   | J211060660    | 2027.03.25       |
| 19                               | Microwave Broadband Preamplifier    | Schwarzbeck   | BBV 9721       | 100472        | 2027.03.26       |
| 20                               | Signal Generator                    | Agilent       | N5183A         | MY47420153    | 2027.03.27       |
| 21                               | Spectrum Analyzer                   | Rohde&Schwarz | FSP 40         | 100501        | 2027.03.27       |
| 22                               | Power Meter                         | KEYSIGHT      | N1911A         | MY50520168    | 2027.03.27       |
| 23                               | Frequency Meter                     | VICTOR        | VC2000         | 997406086     | 2027.03.27       |
| 24                               | DC Power Source                     | HYELEC        | HY5020E        | 055161818     | 2027.03.27       |
| 25                               | Low-noise Amplifier                 | WSC           | DLNA-9K-1000   | WCSLNA240816A | 2027.03.25       |

|    |                   |               |                            |          |            |
|----|-------------------|---------------|----------------------------|----------|------------|
| 26 | Spectrum Analyzer | Rohde&Schwarz | FSV40-N                    | 101798   | 2027.06.25 |
| 27 | MTS 8310          | MW            | Copyright<br>MWRFTest 2017 | V2.0.0.0 | N/A        |

### 3.1 TEST LIMIT

| Frequency<br>(MHz) | Maximum RF Line Voltage (dBμV) |      |         |        |
|--------------------|--------------------------------|------|---------|--------|
|                    | 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     |

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

The diagram illustrates the experimental setup for EMI measurements. It features two tables. The left table, labeled 'G.R.P', holds the 'EUT' (Equipment Under Test). The right table holds the 'RECEIVER' setup, which includes a computer monitor and a power supply unit. A 'LISN' (Line Impedance Stabilization Network) is positioned between the two tables, connected to the EUT and the receiver. Dimensions are specified: 0.4m from the EUT to the LISN, 0.8m from the EUT to the LISN, and 0.8m from the table to the floor. The receiver setup is connected to a power source via a cable.

### 3.3 TEST PROCEDURE

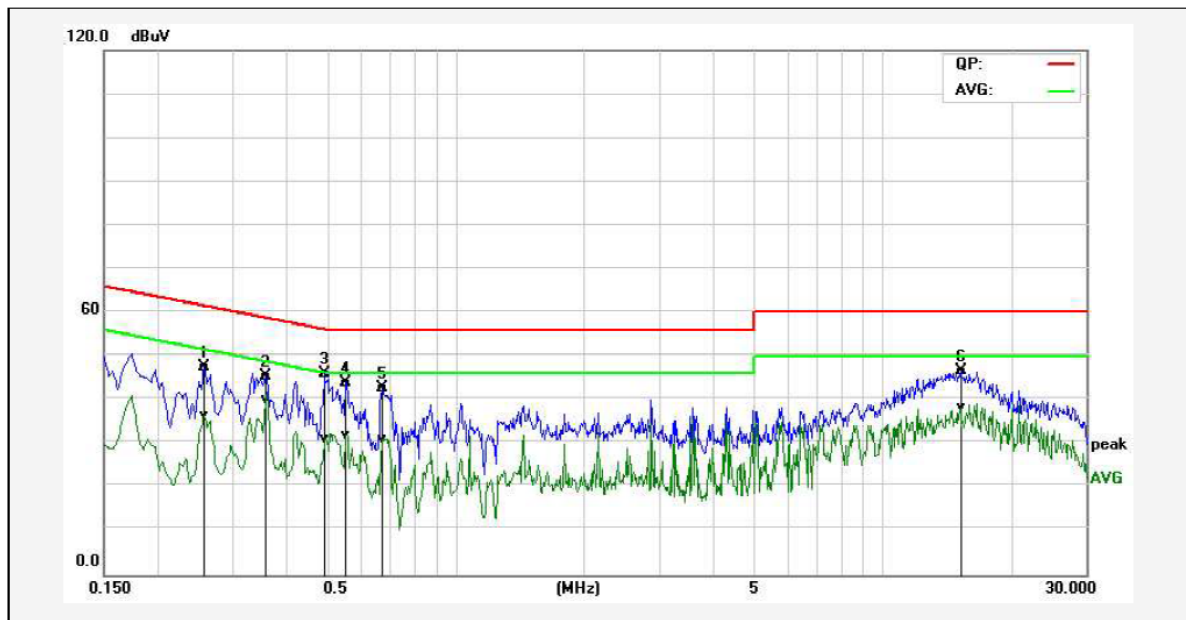
1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is placed on a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2. Support equipment, if needed, was placed as per ANSI C63.10.
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

Remark: EUT was tested at AC 120V and 240V, only the worst result of AC 120V was reported.

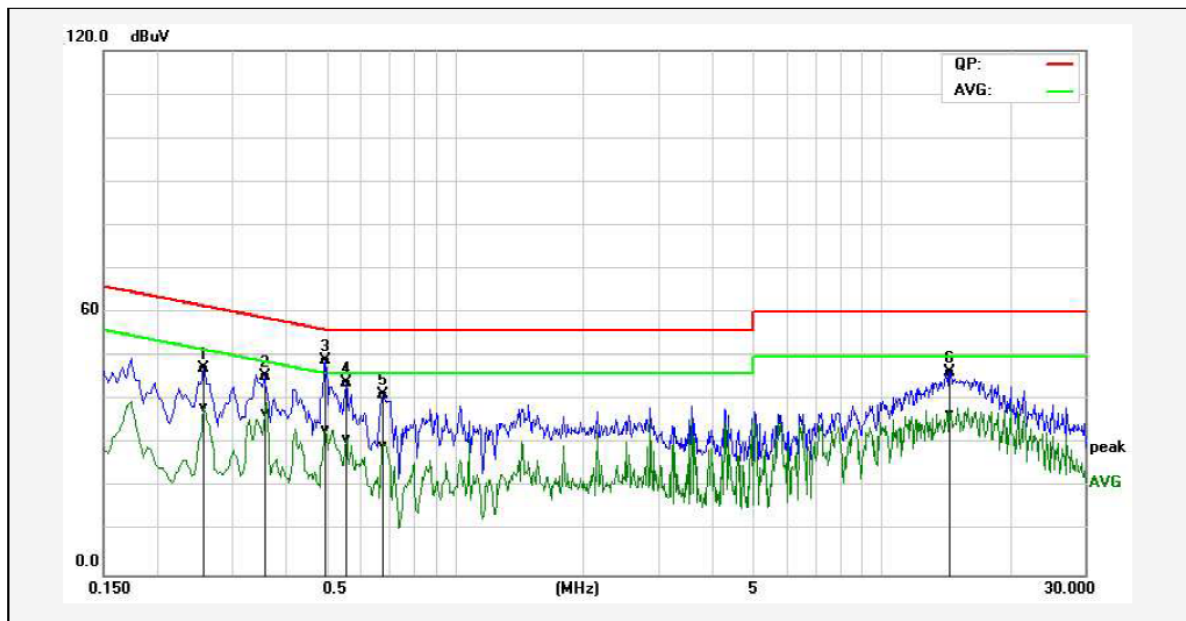
|               |                      |                    |         |
|---------------|----------------------|--------------------|---------|
| Temperature:  | 26°C                 | Relative Humidity: | 60%     |
| Test Date:    | Aug. 26, 2026        | Pressure:          | 1010hPa |
| Test Voltage: | AC 120V, 60Hz        | Phase:             | Line    |
| Test Mode:    | Transmitting mode 13 |                    |         |



| No. | Frequency<br>(MHz) | QuasiPeak<br>reading<br>(dBuV) | Average<br>reading<br>(dBuV) | Correction<br>factor<br>(dB) | QuasiPeak<br>result<br>(dBuV) | Average<br>result<br>(dBuV) | QuasiPeak<br>limit<br>(dBuV) | Average<br>limit<br>(dBuV) | QuasiPeak<br>margin<br>(dB) | Average<br>margin<br>(dB) | Remark |
|-----|--------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|---------------------------|--------|
| 1P  | 0.2580             | 36.29                          | 25.14                        | 11.21                        | 47.50                         | 36.35                       | 61.49                        | 51.50                      | -13.99                      | -15.15                    | Pass   |
| 2*  | 0.3580             | 34.27                          | 28.90                        | 11.21                        | 45.48                         | 40.11                       | 58.77                        | 48.77                      | -13.29                      | -8.66                     | Pass   |
| 3P  | 0.4940             | 34.86                          | 19.72                        | 11.23                        | 46.09                         | 30.95                       | 56.10                        | 46.10                      | -10.01                      | -15.15                    | Pass   |
| 4P  | 0.5540             | 32.81                          | 20.86                        | 11.21                        | 44.02                         | 32.07                       | 56.00                        | 46.00                      | -11.98                      | -13.93                    | Pass   |
| 5P  | 0.6740             | 31.58                          | 19.89                        | 11.16                        | 42.74                         | 31.05                       | 56.00                        | 46.00                      | -13.26                      | -14.95                    | Pass   |
| 6P  | 15.3020            | 30.22                          | 21.93                        | 16.33                        | 46.55                         | 38.26                       | 60.00                        | 50.00                      | -13.45                      | -11.74                    | Pass   |

Remark: 1. Factor = Insertion Loss + Cable Loss, Result = Reading + Factor, Margin = Result – Limit.  
2. The test mode 1 was the worst case and only the data of the worst case record in this report.

|               |                      |                    |         |
|---------------|----------------------|--------------------|---------|
| Temperature:  | 26°C                 | Relative Humidity: | 60%     |
| Test Date:    | Aug. 26, 2026        | Pressure:          | 1010hPa |
| Test Voltage: | AC 120V, 60Hz        | Phase:             | Neutral |
| Test Mode:    | Transmitting mode 13 |                    |         |



| No. | Frequency<br>(MHz) | QuasiPeak<br>reading<br>(dBuV) | Average<br>reading<br>(dBuV) | Correction<br>factor<br>(dB) | QuasiPeak<br>result<br>(dBuV) | Average<br>result<br>(dBuV) | QuasiPeak<br>limit<br>(dBuV) | Average<br>limit<br>(dBuV) | QuasiPeak<br>margin<br>(dB) | Average<br>margin<br>(dB) | Remark |
|-----|--------------------|--------------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|----------------------------|-----------------------------|---------------------------|--------|
| 1P  | 0.2580             | 36.09                          | 26.99                        | 11.21                        | 47.30                         | 38.20                       | 61.49                        | 51.50                      | -14.19                      | -13.30                    | Pass   |
| 2P  | 0.3580             | 34.24                          | 25.87                        | 11.21                        | 45.45                         | 37.08                       | 58.77                        | 48.77                      | -13.32                      | -11.69                    | Pass   |
| 3*  | 0.4980             | 37.87                          | 21.86                        | 11.23                        | 49.10                         | 33.09                       | 56.03                        | 46.03                      | -6.93                       | -12.94                    | Pass   |
| 4P  | 0.5580             | 32.74                          | 19.73                        | 11.21                        | 43.95                         | 30.94                       | 56.00                        | 46.00                      | -12.05                      | -15.06                    | Pass   |
| 5P  | 0.6780             | 30.03                          | 18.34                        | 11.16                        | 41.19                         | 29.50                       | 56.00                        | 46.00                      | -14.81                      | -16.50                    | Pass   |
| 6P  | 14.4460            | 30.45                          | 20.84                        | 16.02                        | 46.47                         | 36.86                       | 60.00                        | 50.00                      | -13.53                      | -13.14                    | Pass   |

Remark: 1. Factor = Insertion Loss + Cable Loss, Result = Reading + Factor, Margin = Result – Limit.  
2. The test mode 1 was the worst case and only the data of the worst case record in this report.

## 4 RADIATED EMISSION

### 4.1 TEST LIMIT

CFR 47 Part 15, section 15.205

Only spurious emissions are permitted in any of the frequency bands listed the tables in these sections:

| MHz               | MHz                 | MHz           | GHz         |
|-------------------|---------------------|---------------|-------------|
| 0.090-0.110       | 16.42-16.423        | 399.9-410     | 4.5-5.15    |
| 0.495-0.505       | 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   | 108-121.94          | 1718.8-1722.2 | 13.25-13.4  |
| 6.31175-6.31225   | 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       |                     |               |             |

CFR 47 Part 15, section 15.209

The emissions from an intentional radiator shall not exceed the limits in the tables in these sections using an average detector:

| Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|-----------------|-----------------------------------|-------------------------------|
| 0.009-0.490     | 2400/F (kHz)                      | 300                           |
| 0.490-1.705     | 24000/F (kHz)                     | 30                            |
| 1.705-30.0      | 30                                | 30                            |
| 30-88           | 100**                             | 3                             |
| 88-216          | 150**                             | 3                             |
| 216-960         | 200**                             | 3                             |
| Above 960       | 500                               | 3                             |

Limit calculation and transfer to 3m distance as showed in the following table:

| Frequency (MHz) | Limit (dBuV/m)                      | Distance (m) |
|-----------------|-------------------------------------|--------------|
| 0.009-0.490     | $20\log(2400/F(KHz))+40\log(300/3)$ | 3            |
| 0.490-1.705     | $20\log(24000/F(KHz))+40\log(30/3)$ | 3            |
| 1.705-30.0      | 69.5                                | 3            |
| 30-88           | 40.0                                | 3            |
| 88-216          | 43.5                                | 3            |
| 216-960         | 46.0                                | 3            |
| Above 960       | 54.0                                | 3            |

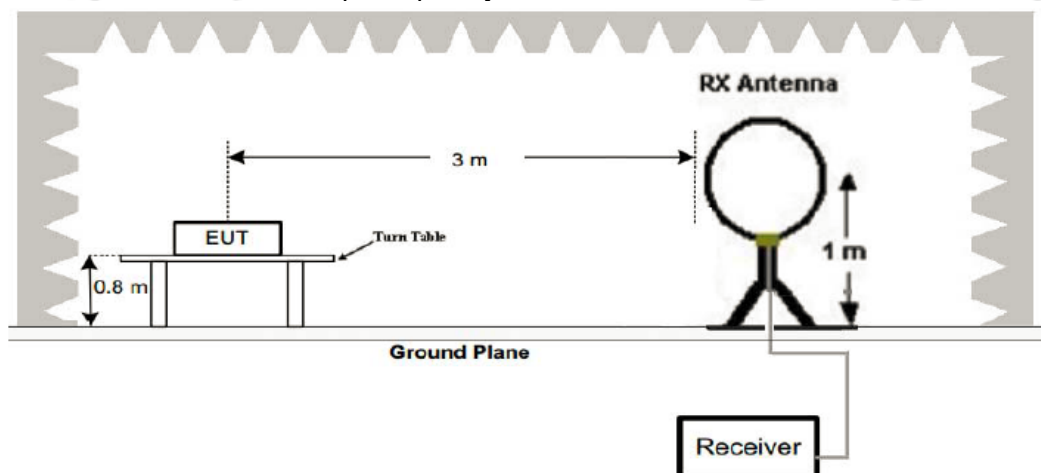
CFR 47 Part 15, section 15.35

When average radiated emission measurements are specified, the limit on the peak level of the radio Frequency emission is 20dB above the maximum permitted average emission limit.

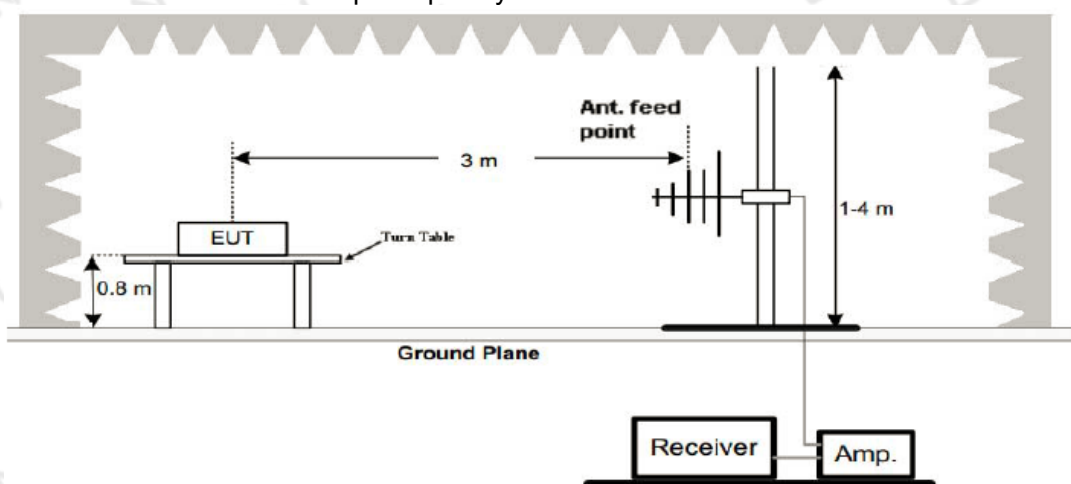
| Transmitter Spurious Emissions 9KHz-30MHz |          |            |              |
|-------------------------------------------|----------|------------|--------------|
|                                           | 9-150KHz | 150-490KHz | 490KHz-30MHz |
| Resolution Bandwidth                      | 200Hz    | 9KHz       | 9KHz         |
| Video Bandwidth                           | 2KHz     | 100KHz     | 100KHz       |
| Detector                                  | Peak     | Peak       | Peak         |
| Trace Mode                                | Max Hold | Max Hold   | Max Hold     |
| Sweep Time                                | Auto     | Auto       | Auto         |

## 4.2 TEST SETUP

### 1. Radiated Emission Test-Up Frequency Below 30MHz



### 2. Radiated Emission Test-Up Frequency 30MHz~1GHz



### 4.3 TEST PROCEDURE

1. Measurement distance is 3m.
2. For the measurement range up to 30MHz in the following plots the field strength result from 3m.
3. Distance measurement are extrapolated to 300m and 30m distance respectively, by 40dB/decade.  
According to part 15.31(f)(2), per antenna factor scaling.
4. Measurements below 1000MHz are performed with a peak detector and compared to average limits.  
Measurements with an average detector are not required.

Note:

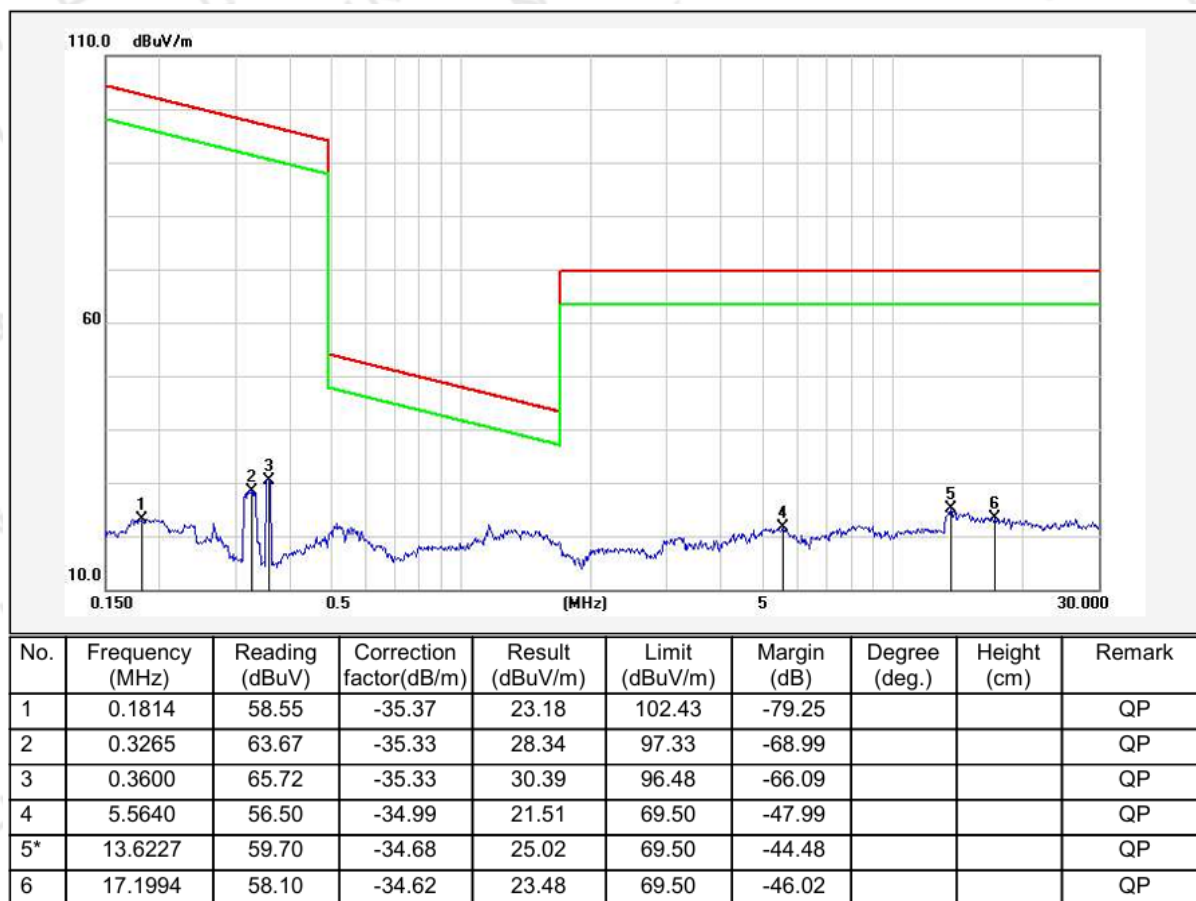
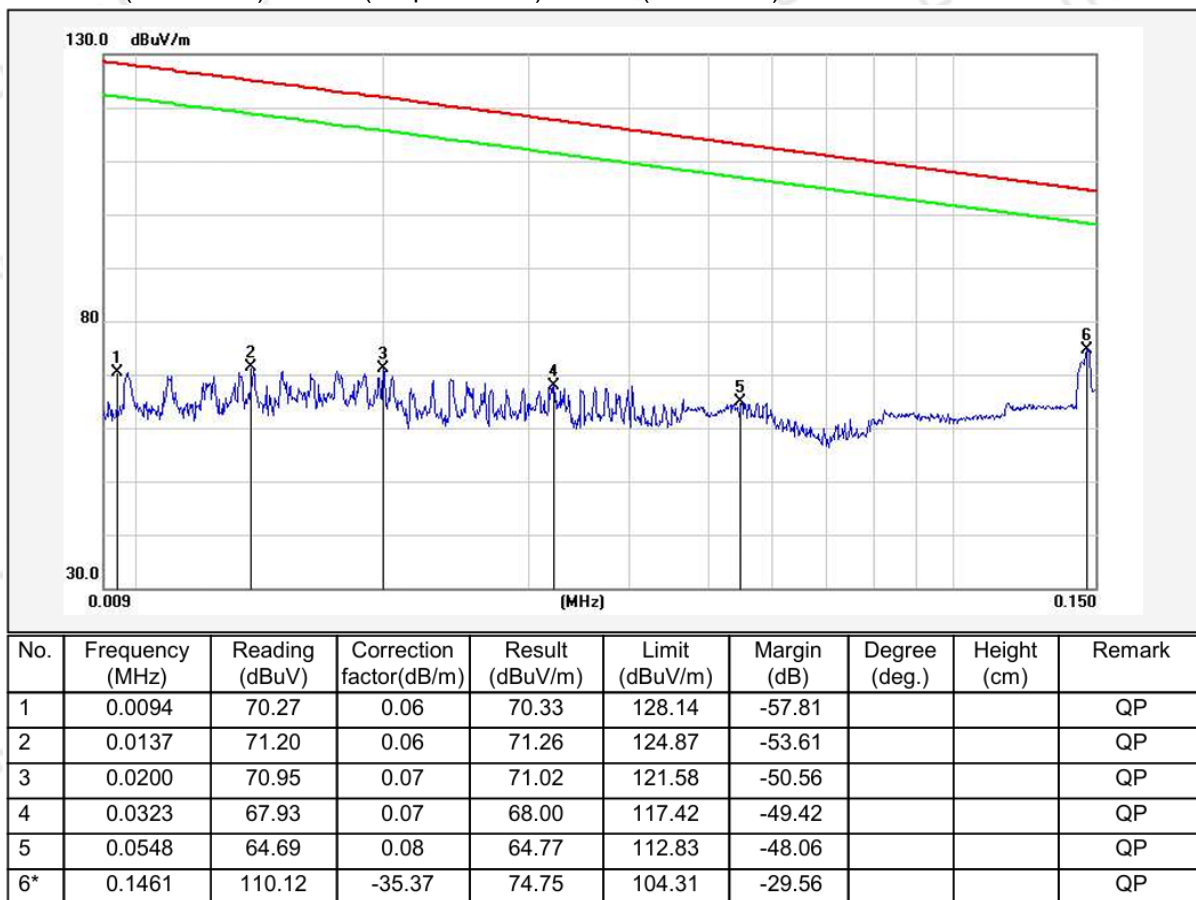
For battery operated equipment, the equipment tests shall be performed using a new battery.

### 4.4 TEST RESULT

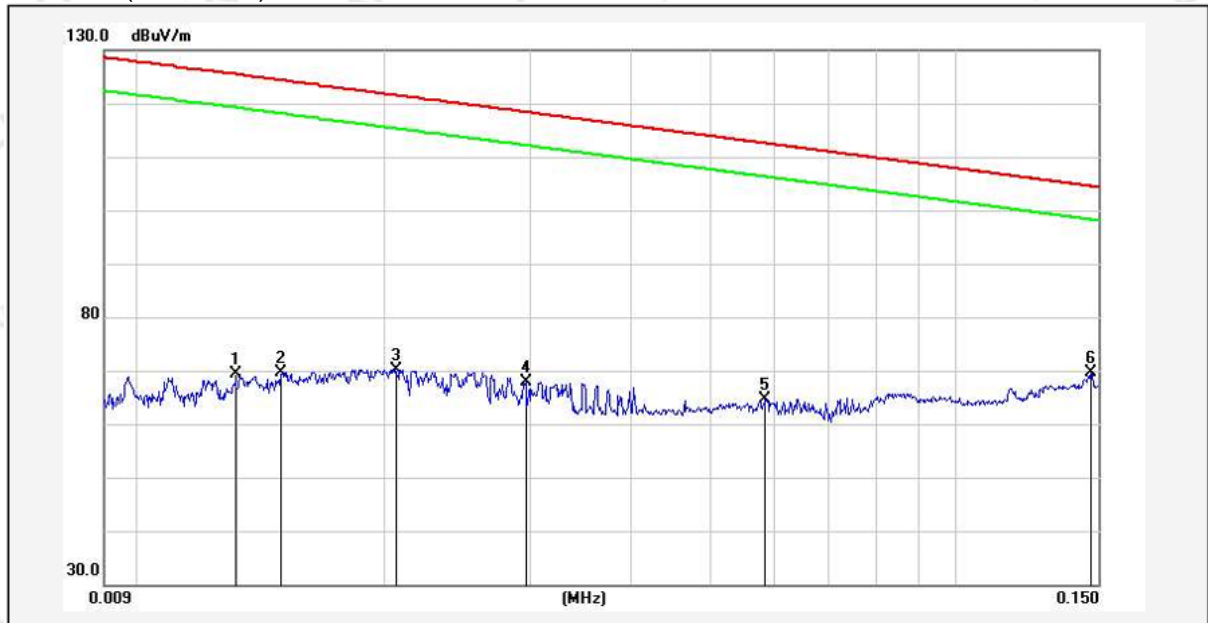
PASS

### For 9KHz-30MHz Test Results:

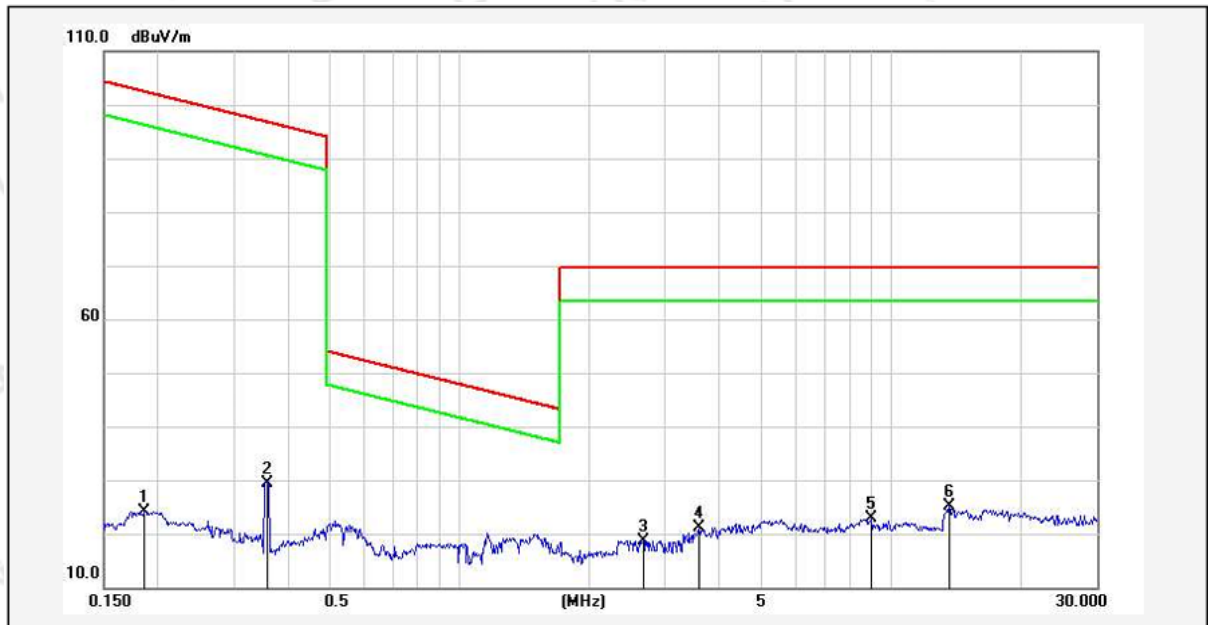
ANT1(Phone coil) + ANT2(Earphone coil) + ANT3(Watch coil):



## ANT1(Phone coil):

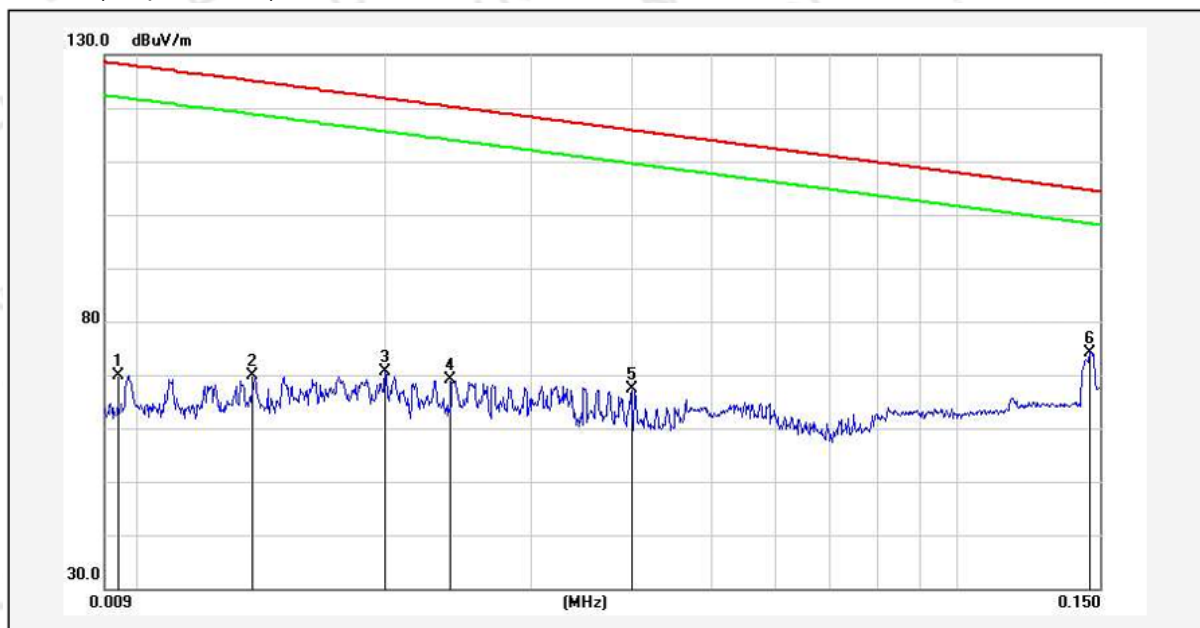


| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.0131          | 69.43          | 0.06                    | 69.49           | 125.26         | -55.77      |               |             | QP     |
| 2   | 0.0150          | 69.55          | 0.06                    | 69.61           | 124.08         | -54.47      |               |             | QP     |
| 3   | 0.0206          | 70.17          | 0.07                    | 70.24           | 121.32         | -51.08      |               |             | QP     |
| 4   | 0.0297          | 67.70          | 0.07                    | 67.77           | 118.15         | -50.38      |               |             | QP     |
| 5   | 0.0584          | 64.65          | 0.09                    | 64.74           | 112.27         | -47.53      |               |             | QP     |
| 6*  | 0.1466          | 105.03         | -35.37                  | 69.66           | 104.28         | -34.62      |               |             | QP     |

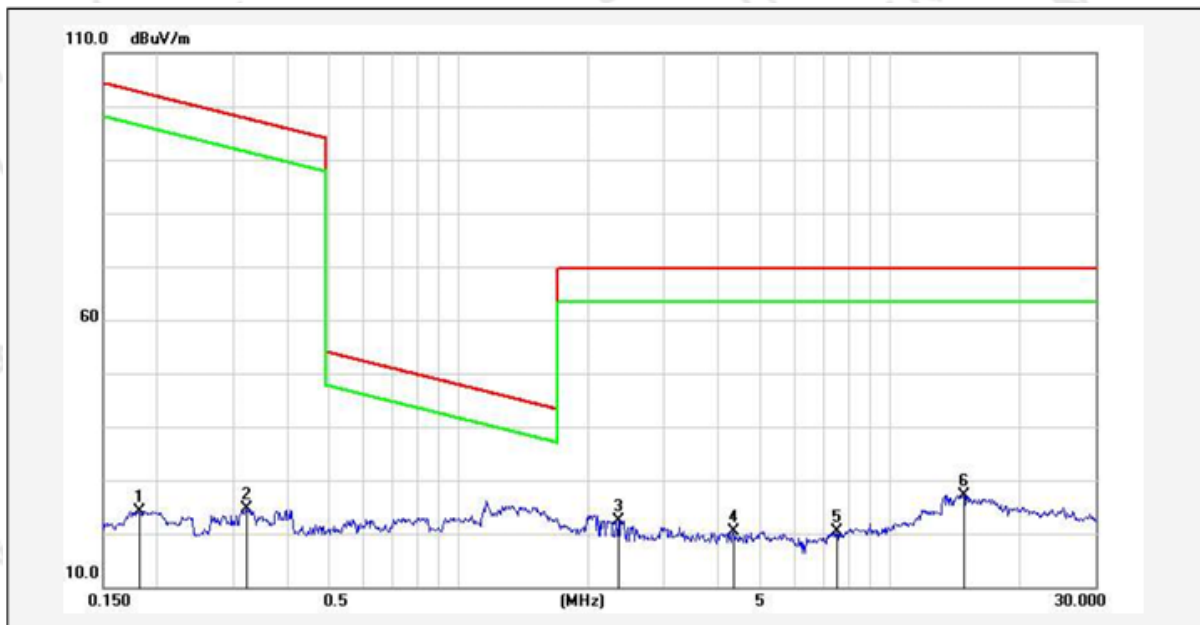


| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.1864          | 59.53          | -35.37                  | 24.16           | 102.20         | -78.04      |               |             | QP     |
| 2   | 0.3600          | 64.72          | -35.33                  | 29.39           | 96.48          | -67.09      |               |             | QP     |
| 3   | 2.6640          | 53.82          | -35.12                  | 18.70           | 69.50          | -50.80      |               |             | QP     |
| 4   | 3.5842          | 56.11          | -35.08                  | 21.03           | 69.50          | -48.47      |               |             | QP     |
| 5   | 9.0113          | 57.68          | -34.79                  | 22.89           | 69.50          | -46.61      |               |             | QP     |
| 6*  | 13.6227         | 59.70          | -34.68                  | 25.02           | 69.50          | -44.48      |               |             | QP     |

## ANT2(Earphone coil):

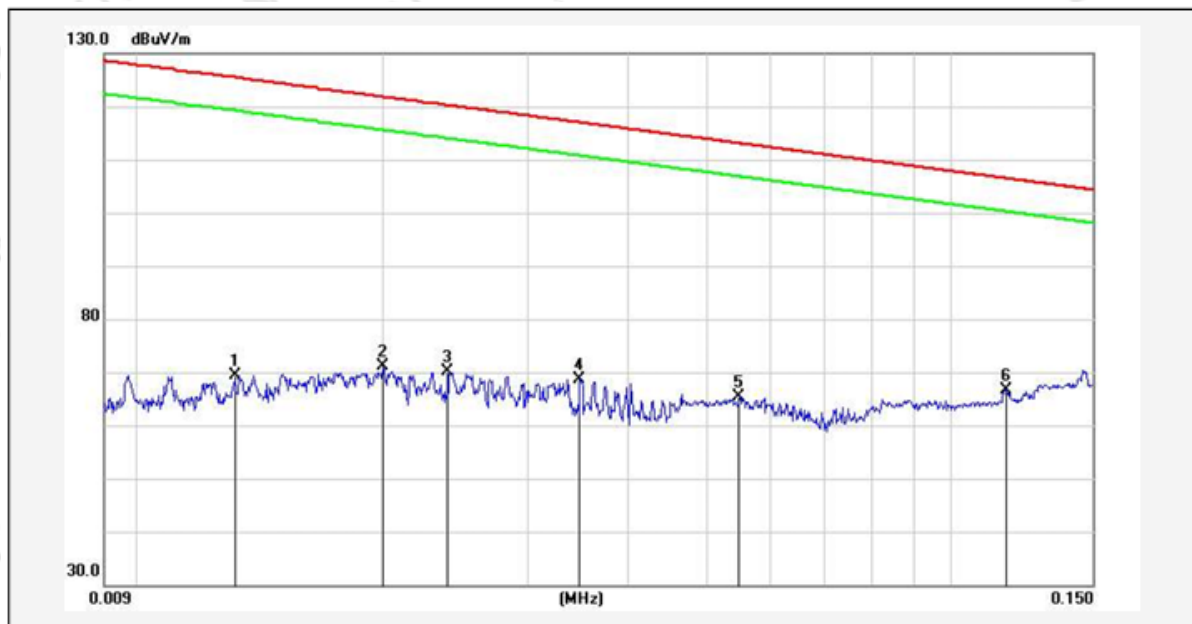


| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.0094          | 69.77          | 0.06                    | 69.83           | 128.14         | -58.31      |               |             | QP     |
| 2   | 0.0137          | 69.70          | 0.06                    | 69.76           | 124.87         | -55.11      |               |             | QP     |
| 3   | 0.0200          | 70.45          | 0.07                    | 70.52           | 121.58         | -51.06      |               |             | QP     |
| 4   | 0.0240          | 69.03          | 0.07                    | 69.10           | 120.00         | -50.90      |               |             | QP     |
| 5   | 0.0400          | 67.29          | 0.08                    | 67.37           | 115.56         | -48.19      |               |             | QP     |
| 6*  | 0.1460          | 109.62         | -35.37                  | 74.25           | 104.31         | -30.06      |               |             | QP     |

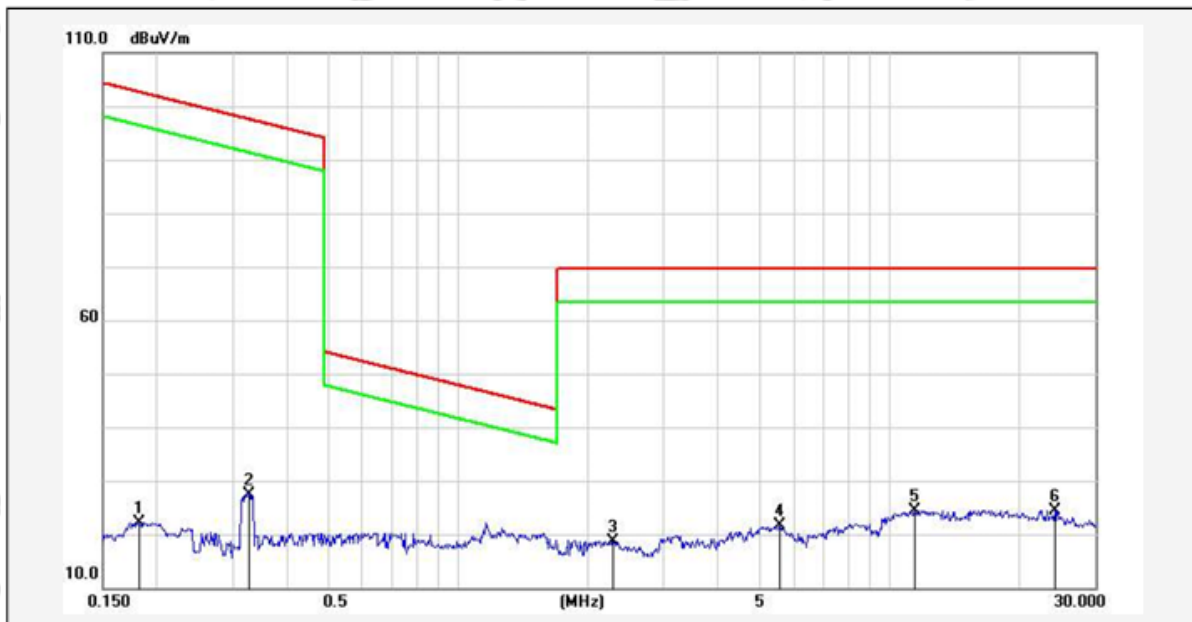


| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.1814          | 59.55          | -35.37                  | 24.18           | 102.43         | -78.25      |               |             | QP     |
| 2   | 0.3215          | 60.02          | -35.34                  | 24.68           | 97.46          | -72.78      |               |             | QP     |
| 3   | 2.3460          | 57.60          | -35.14                  | 22.46           | 69.50          | -47.04      |               |             | QP     |
| 4   | 4.3376          | 55.33          | -35.04                  | 20.29           | 69.50          | -49.21      |               |             | QP     |
| 5   | 7.5258          | 55.26          | -34.88                  | 20.38           | 69.50          | -49.12      |               |             | QP     |
| 6*  | 14.8280         | 61.89          | -34.66                  | 27.23           | 69.50          | -42.27      |               |             | QP     |

ANT3(Watch coil):



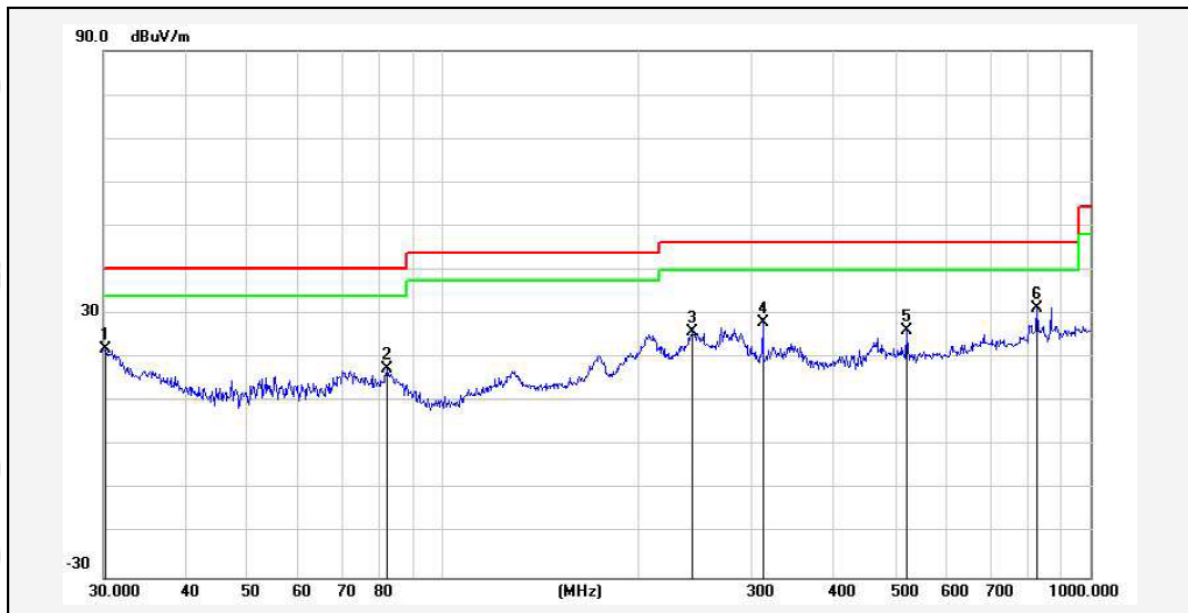
| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.0131          | 69.43          | 0.06                    | 69.49           | 125.26         | -55.77      |               |             | QP     |
| 2   | 0.0200          | 70.95          | 0.07                    | 71.02           | 121.58         | -50.56      |               |             | QP     |
| 3   | 0.0240          | 70.03          | 0.07                    | 70.10           | 120.00         | -49.90      |               |             | QP     |
| 4   | 0.0347          | 68.53          | 0.07                    | 68.60           | 116.79         | -48.19      |               |             | QP     |
| 5   | 0.0548          | 65.19          | 0.08                    | 65.27           | 112.83         | -47.56      |               |             | QP     |
| 6*  | 0.1174          | 102.01         | -35.39                  | 66.62           | 106.21         | -39.59      |               |             | QP     |



| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 0.1814          | 57.55          | -35.37                  | 22.18           | 102.43         | -80.25      |               |             | QP     |
| 2   | 0.3265          | 62.67          | -35.33                  | 27.34           | 97.33          | -69.99      |               |             | QP     |
| 3   | 2.2846          | 53.79          | -35.15                  | 18.64           | 69.50          | -50.86      |               |             | QP     |
| 4   | 5.5640          | 56.50          | -34.99                  | 21.51           | 69.50          | -47.99      |               |             | QP     |
| 5   | 11.4375         | 59.20          | -34.71                  | 24.49           | 69.50          | -45.01      |               |             | QP     |
| 6*  | 24.1420         | 58.99          | -34.50                  | 24.49           | 69.50          | -45.01      |               |             | QP     |

### For 30MHz-1GHz Test Results:

|               |                      |                    |            |
|---------------|----------------------|--------------------|------------|
| Temperature:  | 25°C                 | Relative Humidity: | 60%        |
| Test Date:    | Aug. 26, 2026        | Pressure:          | 1010hPa    |
| Test Voltage: | AC 120V, 60Hz        | Phase:             | Horizontal |
| Test Mode:    | Transmitting mode 13 |                    |            |



| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1   | 30.2111         | 31.50          | -9.53                   | 21.97           | 40.00          | -18.03      |               |             | QP     |
| 2   | 82.0706         | 37.51          | -19.95                  | 17.56           | 40.00          | -22.44      |               |             | QP     |
| 3   | 243.3772        | 40.81          | -14.96                  | 25.85           | 46.00          | -20.15      |               |             | QP     |
| 4   | 312.1794        | 39.83          | -11.84                  | 27.99           | 46.00          | -18.01      |               |             | QP     |
| 5   | 520.8882        | 33.26          | -7.01                   | 26.25           | 46.00          | -19.75      |               |             | QP     |
| 6*  | 827.4934        | 33.23          | -1.80                   | 31.43           | 46.00          | -14.57      |               |             | QP     |

Remark: 1.Result = Reading Level + Factor, Margin = Result – Limit  
Factor = Ant. Factor + Cable Loss – Pre-amplifier

|               |                      |                    |          |
|---------------|----------------------|--------------------|----------|
| Temperature:  | 25°C                 | Relative Humidity: | 60%      |
| Test Date:    | Aug. 26, 2026        | Pressure:          | 1010hPa  |
| Test Voltage: | AC 120V, 60Hz        | Phase:             | Vertical |
| Test Mode:    | Transmitting mode 13 |                    |          |



| No. | Frequency (MHz) | Reading (dBuV) | Correction factor(dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Degree (deg.) | Height (cm) | Remark |
|-----|-----------------|----------------|-------------------------|-----------------|----------------|-------------|---------------|-------------|--------|
| 1*  | 50.9420         | 57.25          | -20.74                  | 36.51           | 40.00          | -3.49       |               |             | QP     |
| 2   | 81.7833         | 53.52          | -19.92                  | 33.60           | 40.00          | -6.40       |               |             | QP     |
| 3   | 129.0146        | 39.91          | -13.44                  | 26.47           | 43.50          | -17.03      |               |             | QP     |
| 4   | 312.1794        | 39.56          | -11.84                  | 27.72           | 46.00          | -18.28      |               |             | QP     |
| 5   | 520.8882        | 35.75          | -7.01                   | 28.74           | 46.00          | -17.26      |               |             | QP     |
| 6   | 869.1302        | 32.69          | -1.59                   | 31.10           | 46.00          | -14.90      |               |             | QP     |

Remark: 1.Result = Reading Level + Factor, Margin = Result – Limit  
Factor = Ant. Factor + Cable Loss – Pre-amplifier

## 5 ANTENNA REQUIREMENT

### Standard Applicable:

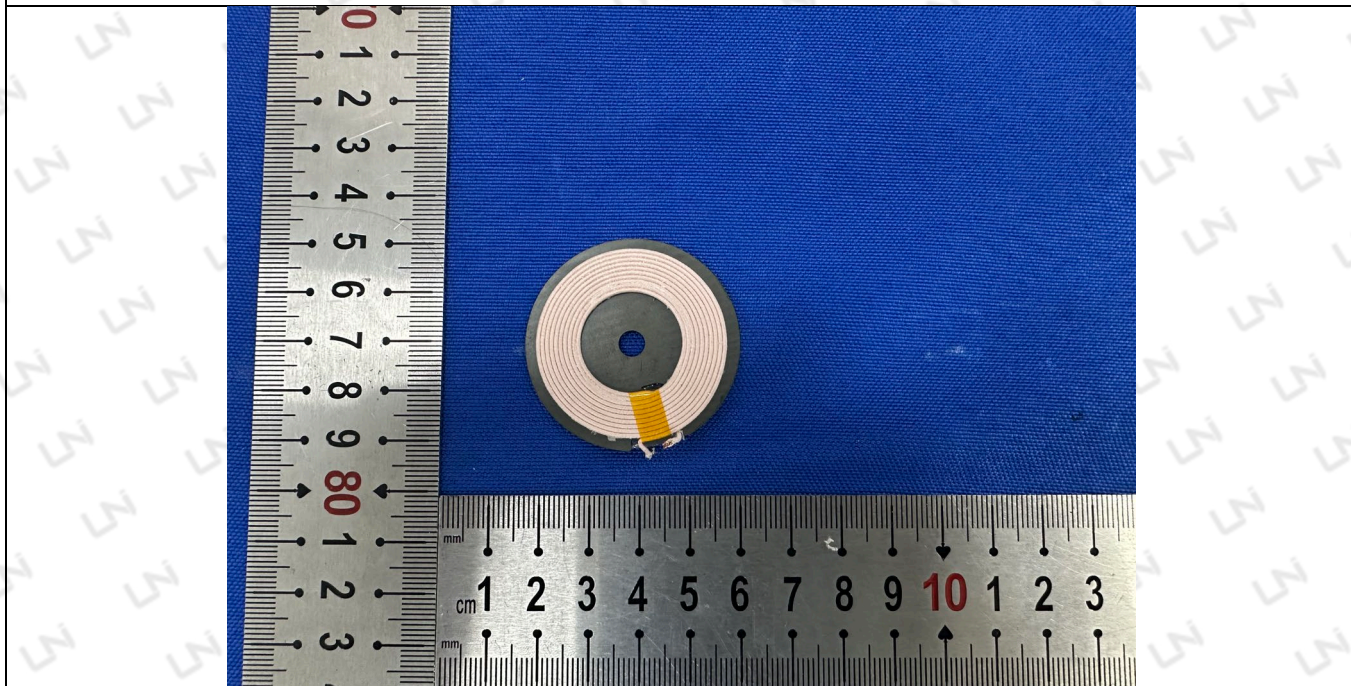
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

### Antenna Connected Construction:

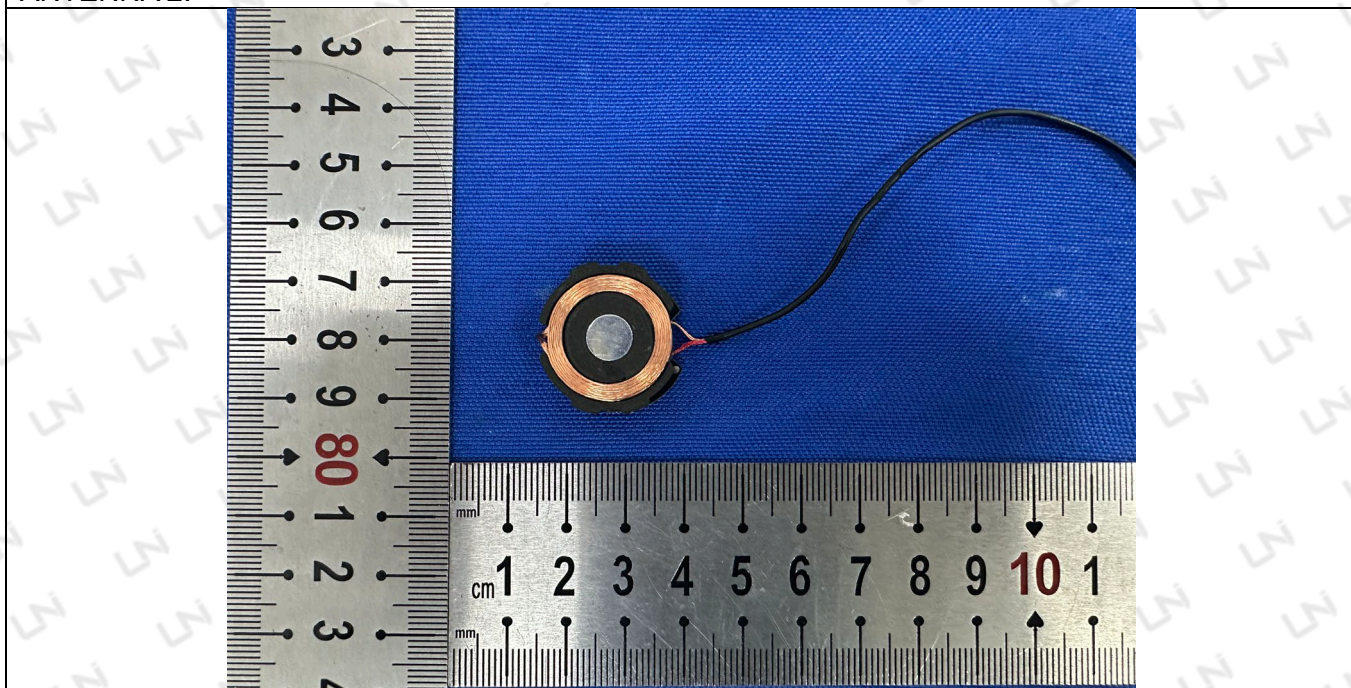
The antenna used in this product is Coil Antenna, The directional gains of antenna used for transmitting is 0dBi.

### ANTENNA 1:

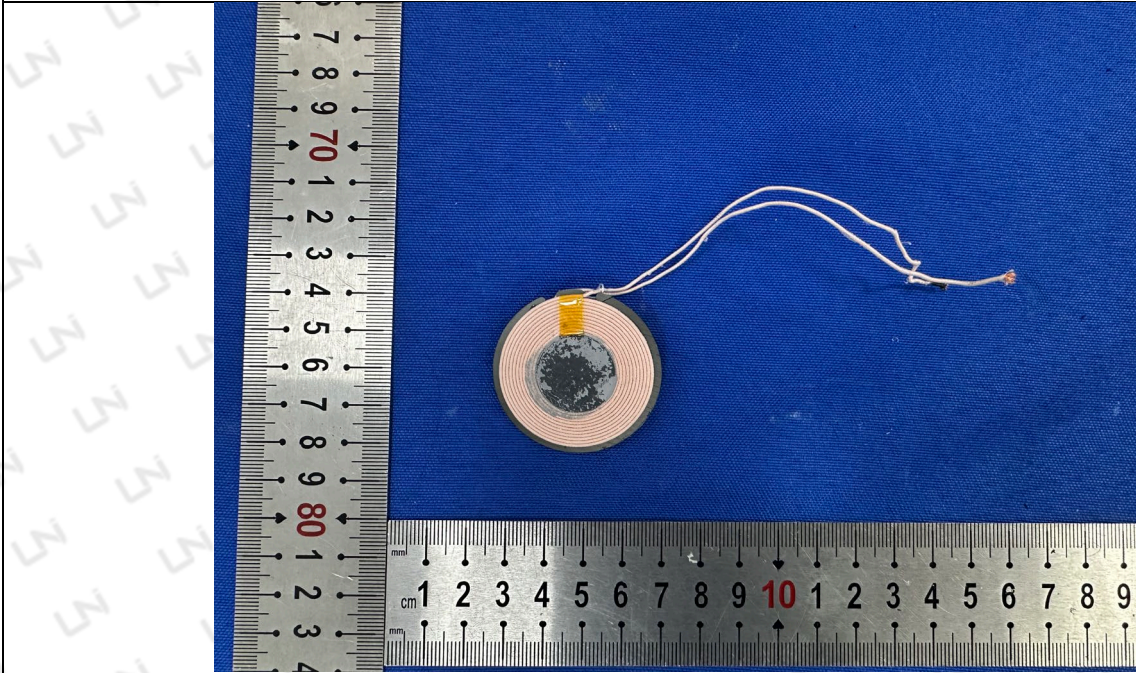
ANTENNA 1:



ANTENNA 2:

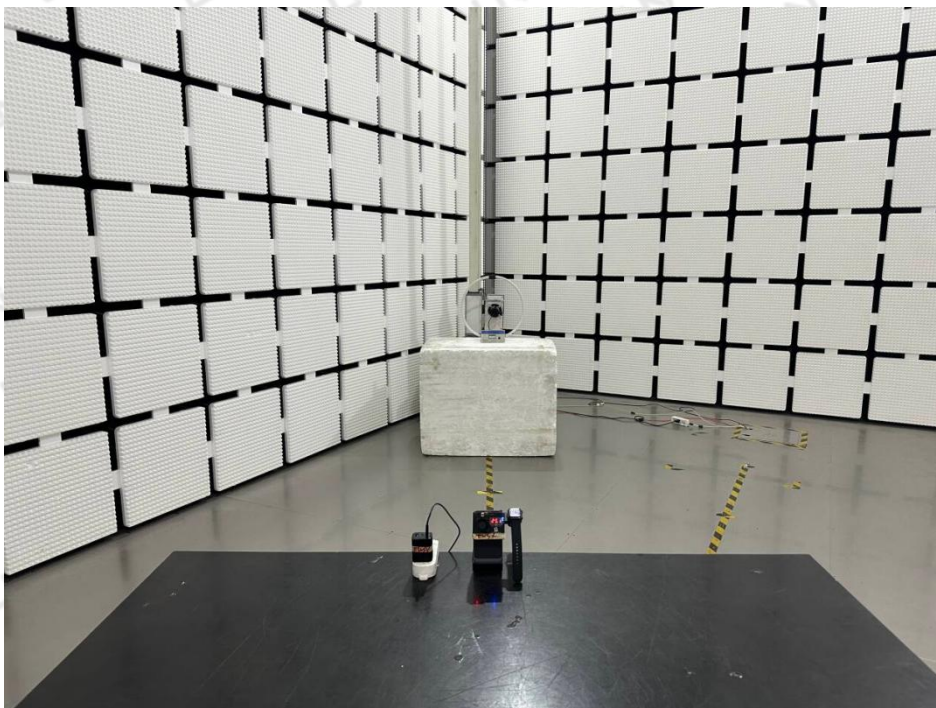


ANTENNA 3:

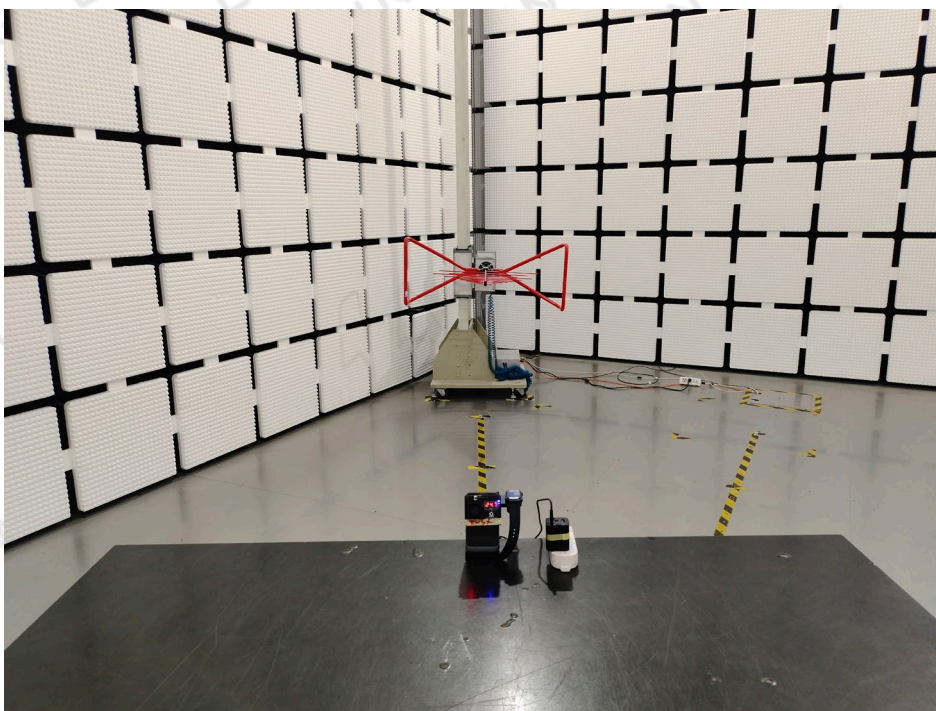


## 6 PHOTO OF TEST

### 6.1 RADIATED EMISSION



9K-30M



30M-1G

## 6.2 CONDUCTED EMISSION



## 7 EUT Constructional Details

Refer to the External Photos and Internal Photos for details.

## Statement

- 1.This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "x", the report is invalid.
- 2.This report shall not be modified, added or deleted without authorization. The antenna gain in the report is provided by the customer
- 3.The results of this report are only valid for the EUT provided by Applicant to our laboratory for inspection (That is, EUT received by our laboratory. Without special explanation, it refers to the samples presented in the report "PHOTO OF EUT").
- 4.If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5.Without the written consent of the laboratory, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6.The cover of the report is for decoration only, not included in the body of the report.
- 7.The paper report issued by our laboratory has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8.The Chinese and English reports issued by our laboratory have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9.Please provide the complete report documents issued by our laboratory when inquiring the report.
- 10.For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.
- 11.In the People's Republic of China, when there is no CMA Accredited Symbol in this report, the report is only for scientific research, teaching or internal quality control activities.

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