

# TEST REPORT

Report No.: BCTC2308481878-2E

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Applicant: Ugreen Group Limited

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Product Name: 10000mAh Magnetic Wireless Power Bank

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Model/Type  
reference: PB561

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Tested Date: 2023-08-09 to 2023-08-25

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Issued Date: 2023-08-25

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**Shenzhen BCTC Testing Co., Ltd.**



# FCC ID: 2AQI5-PB561

Product Name: 10000mAh Magnetic Wireless Power Bank

Trademark: **UGREEN**

Model/Type reference: PB561  
25208, 25208P, 25208X, 25208A, 25208B, 25208U, 25208JP, 25208ZD

Prepared For: Ugreen Group Limited

Address: Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

Manufacturer: Ugreen Group Limited

Address: Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

Prepared By: Shenzhen BCTC Testing Co., Ltd.

Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Sample Received Date: 2023-08-09

Sample tested Date: 2023-08-09 to 2023-08-25

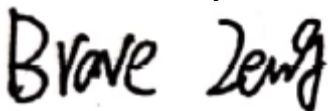
Issue Date: 2023-08-25

Report No.: BCTC2308481878-2E

Test Standards: FCC CFR 47 part1, 1.1307(b), 1.1310

Test Results: PASS

Tested by:



Brave Zeng/ Project Handler

Approved by:



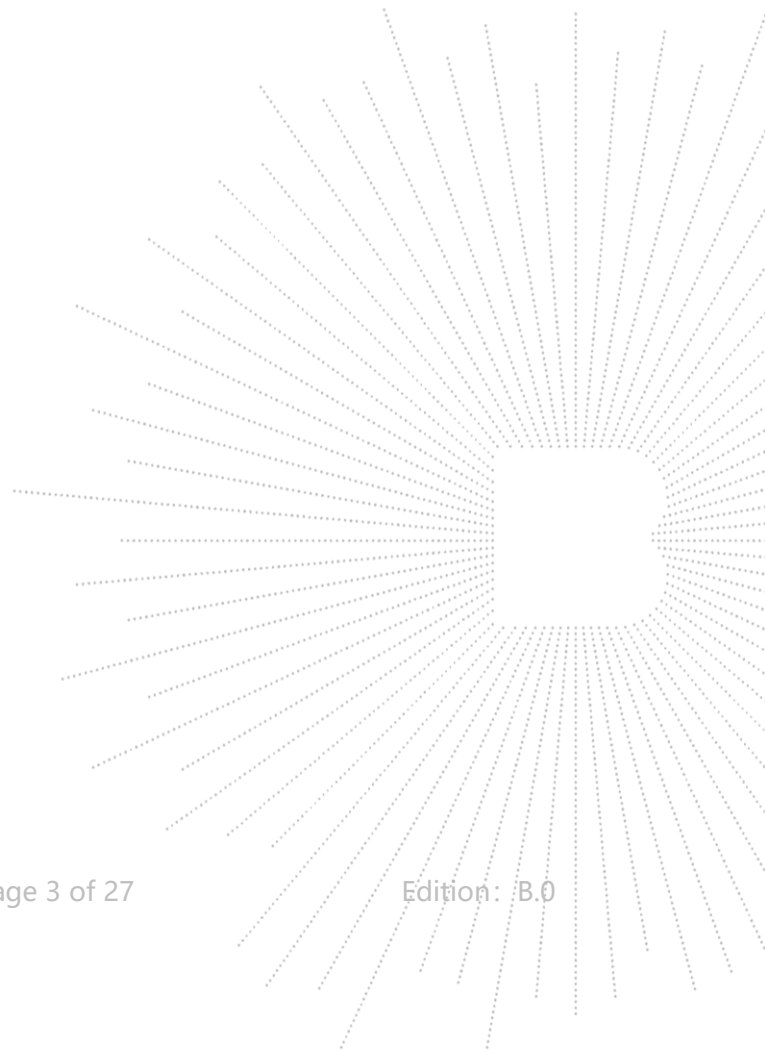
Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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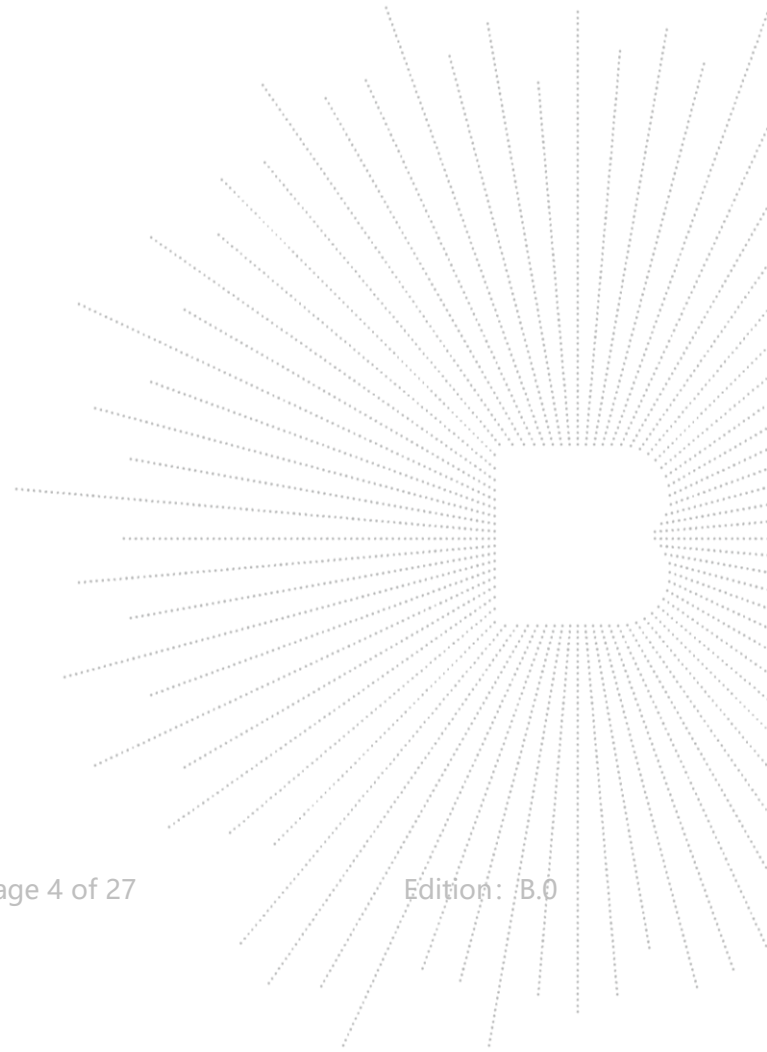
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(Note: N/A Means Not Applicable)



**1. Version**

| Report No.        | Issue Date | Description | Approved |
|-------------------|------------|-------------|----------|
| BCTC2308481878-2E | 2023-08-25 | Original    | Valid    |
|                   |            |             |          |



## 2. Product Information

### 2.1 Product Information

|                       |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model/Type reference: | PB561<br>25208, 25208P, 25208X, 25208A, 25208B, 25208U, 25208JP, 25208ZD                                                                             |
| Model differences:    | All the model are the same circuit and RF module, except model names.                                                                                |
| Hardware Version:     | SW6206+NU1708                                                                                                                                        |
| Software Version:     | A1                                                                                                                                                   |
| Product Description:  | 10000mAh Magnetic Wireless Power Bank                                                                                                                |
| Operation Frequency:  | 112kHz-205kHz                                                                                                                                        |
| Antenna installation: | loop coil antenna                                                                                                                                    |
| Ratings:              | USB-C(IN): 5V=3A, 9V=2.22A, 12V=1.67A<br>USB-C(OUT): 5V=3A, 9V=2.22A, 12V=1.67A<br>Wireless Output: 5W, 7.5W, 10W, 15W<br>Total Output: DC 5V=3A Max |

Cable of Product

| No. | Cable Type | Quantity | Provider  | Length (m) | Shielded | Note                                  |
|-----|------------|----------|-----------|------------|----------|---------------------------------------|
| 1   | --         | --       | Applicant | ---        | Yes/No   | With a ferrite ring in mid Detachable |
| 2   | --         | --       | BCTC      | --         | Yes/No   | --                                    |

### 2.2 Support Equipment

| No. | Device Type            | Brand  | Model | Series No. | Note      |
|-----|------------------------|--------|-------|------------|-----------|
| 1.  | Adapter                | UGREEN | CD122 | ---        | auxiliary |
| 2.  | Wireless charging load | ---    | ---   | --         | auxiliary |

**Notes:**

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

## 2.3 Test Mode

| Test Mode       | Description       | Remark     |
|-----------------|-------------------|------------|
| AC adapter Mode |                   |            |
| TM1             | Wireless Charging | Fully Load |
| TM2             | Wireless Charging | Empty Load |
| TM3             | Wireless Charging | Half Load  |
| Battery Mode    |                   |            |
| TM4             | Wireless Charging | Fully Load |
| TM5             | Wireless Charging | Empty Load |
| TM6             | Wireless Charging | Half Load  |

Note: Reported data only reflect the worst mode full load

### 3. Test Facility And Test Instrument Used

#### 3.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

FCC Test Firm Registration Number: 712850

A2LA certificate registration number is: CN1212

ISED Registered No.: 23583

ISED CAB identifier: CN0017

#### 3.2 Test Instrument Used

| Equipment                         | Manufacturer | Model No. | Serial No.  | Last Cal.      | Next Cal.      |
|-----------------------------------|--------------|-----------|-------------|----------------|----------------|
| Electromagnet-ic radiation tester | Wavecontrol  | SMP160    | 19SN0980    | May 15, 2023   | May 14, 2024   |
| Electromagne-tic field probe      | Wavecontrol  | WP400-3   | 20WP120082  | Sept. 08, 2022 | Sept. 07, 2023 |
| 843 Chamber                       | ETS          | 843       | 84301       | Aug. 27, 2020  | Aug. 26, 2023  |
| Software                          | Frad         | EZ-EMC    | EMC-CON 3A1 | \              | \              |

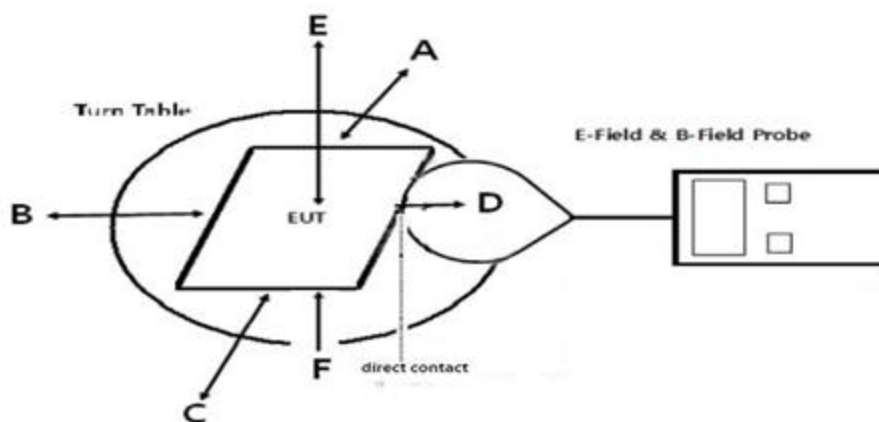
## 4. Method Of Measurement

### 4.1 Applicable Standard

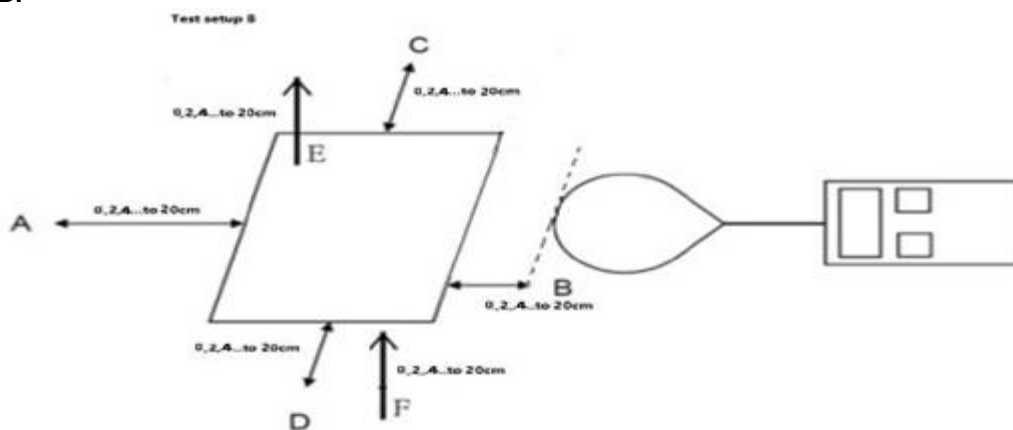
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v03: RF Exposure Wireless Charging Apps v02.

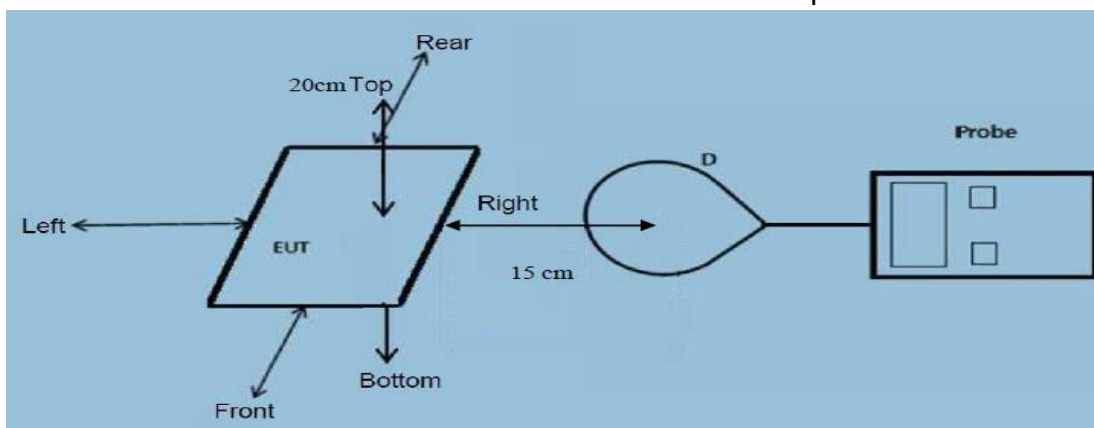
### 4.2 Block Diagram Of Test Setup

A:



B:





### 4.3 Limit

| Limits for Occupational / Controlled Exposure |                                   |                                   |                                          |                                                                  |
|-----------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------------|------------------------------------------------------------------|
| Frequency Range (MHz)                         | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/ cm <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> , H  <sup>2</sup> or S (minutes) |
| 0.3-3.0                                       | 614                               | 1.63                              | (100)*                                   | 6                                                                |
| 3.0-30                                        | 1842 / f                          | 4.89 / f                          | (900 / f)*                               | 6                                                                |
| 30-300                                        | 61.4                              | 0.163                             | 1.0                                      | 6                                                                |
| 300-1500                                      |                                   |                                   | F/300                                    | 6                                                                |
| 1500-100,000                                  |                                   |                                   | 5                                        | 6                                                                |

| Limits for General Population / Uncontrolled Exposure |                                   |                                   |                                          |                                                                  |
|-------------------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------------|------------------------------------------------------------------|
| Frequency Range (MHz)                                 | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/ cm <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> , H  <sup>2</sup> or S (minutes) |
| 0.3-1.34                                              | 614                               | 1.63                              | (100)*                                   | 30                                                               |
| 1.34-30                                               | 824/f                             | 2.19/f                            | (180 / f)*                               | 30                                                               |
| 30-300                                                | 27.5                              | 0.073                             | 0.2                                      | 30                                                               |
| 300-1500                                              |                                   |                                   | F/1500                                   | 30                                                               |
| 1500-100,000                                          |                                   |                                   | 1                                        | 30                                                               |

### 4.4 Test Procedure

- The RF exposure test was performed in anechoic chamber.
- The measurement probe was placed at 0 cm surrounding the device for test setup A; and the measurement Probe was placed from 0 cm to 20 cm, in 2 cm maximum increment measured from the edge of the device For the test setup B.

c)The highest emission level was recorded and compared with limit as soon as measurement of eachd)  
The highest emission level was recorded and compared with limit as soon as measurement of each points  
(A, B, C, D, E) were completed.

d)The EUT was measured according to the dictates of KDB680106  
D01v03r01

f)Remark:

The EUT's test position A, B, C, D , E and F is valid for the E and H field measurements.

#### 4.5 Equipment Approval Considerations

The EUT does comply with item 5(b) of KDB 680106 D01v03

1) Power transfer frequency is less than 1MHz

Yes, the device operate in the frequency range from 112-205KHz

2) Output power from each primary coil is less than or equal to 15 watts.

Yes, the maximum output power of the primary coil is 15W.

3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that able to detect and allow coupling onlybetween individual pair of coils.

No, the prototype has only a single coil.

4) Client device is inserted in or placed directly in contact with the transmitter.

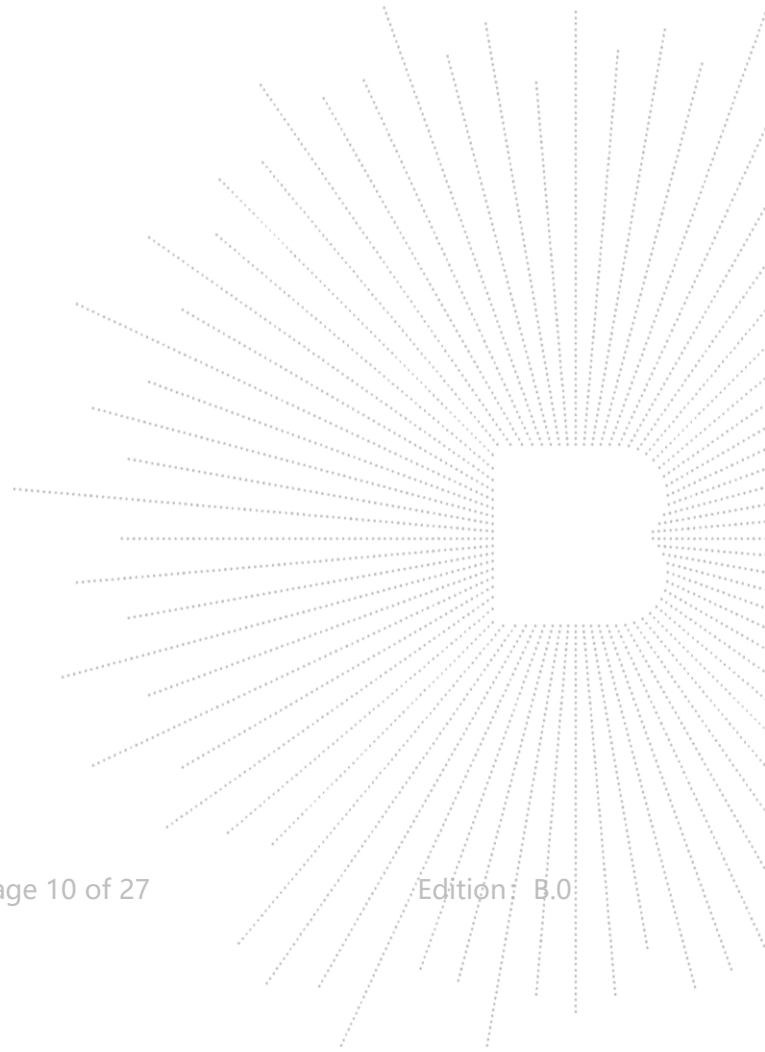
Yes, client device is placed directly in contact with the transmitter.

5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

No,The product is portable

6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Yes, the EUT field strength levels are 10% x MPE limit.



## 4.6 E And H Field Strength

For setup A:  
Worst Case Operating Mode: Mode 4

H-Filed Strength at 0 cm from edges surrounding the EUT (A/m)

| Frequency Range (KHz) | Operation condition | Test Position A (uT) | Test Position B (uT) | Test Position C (uT) | Test Position D (uT) | Test Position E (uT) | Test Position F (uT) |
|-----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 112kHz-205kHz         | 1% battery          | 0.077                | 0.108                | 0.094                | 0.118                | 0.055                | 0.097                |
| 112kHz-205kHz         | 50% battery         | 0.080                | 0.101                | 0.089                | 0.129                | 0.054                | 0.089                |
| 112kHz-205kHz         | 99% battery         | 0.100                | 0.077                | 0.087                | 0.123                | 0.049                | 0.121                |

Note: A/m=uT/1.25

| Frequency Range (KHz) | Operation condition | Test Position A (A/m) | Test Position B (A/m) | Test Position C (A/m) | Test Position D (A/m) | Test Position E (A/m) | Test Position F (A/m) | Limits (A/m) |
|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|
| 112kHz-205kHz         | 1% battery          | 0.061                 | 0.087                 | 0.075                 | 0.094                 | 0.044                 | 0.078                 | 1.63         |
| 112kHz-205kHz         | 50% battery         | 0.064                 | 0.081                 | 0.071                 | 0.103                 | 0.043                 | 0.071                 | 1.63         |
| 112kHz-205kHz         | 99% battery         | 0.080                 | 0.061                 | 0.069                 | 0.099                 | 0.039                 | 0.097                 | 1.63         |

E-Filed Strength at 0 cm from edges surrounding the EUT (V/m)

| Frequency Range (KHz) | Operation condition | Test Position A (V/m) | Test Position B (V/m) | Test Position C (V/m) | Test Position D (V/m) | Test Position E (V/m) | Test Position F (V/m) | Limits (V/m) |
|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|
| 112kHz-205kHz         | 1% battery          | 0.076                 | 0.093                 | 0.085                 | 0.120                 | 0.053                 | 0.084                 | 614          |
| 112kHz-205kHz         | 50% battery         | 0.095                 | 0.096                 | 0.093                 | 0.136                 | 0.045                 | 0.093                 | 614          |
| 112kHz-205kHz         | 99% battery         | 0.093                 | 0.092                 | 0.077                 | 0.118                 | 0.062                 | 0.076                 | 614          |

For setup B:  
Worst Case Operating Mode: Mode 4

1% battery

H-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (A/m)

| Test distance (cm) | Test Position A(uT) | Test Position B(uT) | Test Position C(uT) | Test Position D(uT) | Test Position E(uT) | Test Position F(uT) |
|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2                  | 0.100               | 0.080               | 0.123               | 0.114               | 0.043               | 0.108               |
| 4                  | 0.099               | 0.098               | 0.099               | 0.123               | 0.052               | 0.106               |
| 6                  | 0.089               | 0.101               | 0.092               | 0.121               | 0.054               | 0.078               |
| 8                  | 0.079               | 0.089               | 0.109               | 0.118               | 0.040               | 0.099               |
| 10                 | 0.091               | 0.091               | 0.108               | 0.119               | 0.042               | 0.093               |
| 12                 | 0.080               | 0.104               | 0.101               | 0.128               | 0.044               | 0.095               |
| 14                 | 0.095               | 0.077               | 0.109               | 0.134               | 0.055               | 0.091               |
| 16                 | 0.077               | 0.112               | 0.077               | 0.132               | 0.052               | 0.107               |
| 18                 | 0.091               | 0.078               | 0.082               | 0.132               | 0.045               | 0.105               |
| 20                 | 0.094               | 0.084               | 0.107               | 0.122               | 0.061               | 0.093               |

Note: A/m=uT/1.25

| Test distance (cm) | Test Position A(A/m) | Test Position B(A/m) | Test Position C(A/m) | Test Position D(A/m) | Test Position E(A/m) | Test Position F(A/m) | Limits (A/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.080                | 0.064                | 0.099                | 0.091                | 0.034                | 0.086                | 1.63         |
| 4                  | 0.079                | 0.078                | 0.080                | 0.099                | 0.042                | 0.085                | 1.63         |
| 6                  | 0.072                | 0.081                | 0.073                | 0.097                | 0.043                | 0.062                | 1.63         |
| 8                  | 0.063                | 0.071                | 0.087                | 0.095                | 0.032                | 0.079                | 1.63         |
| 10                 | 0.073                | 0.073                | 0.087                | 0.095                | 0.034                | 0.074                | 1.63         |
| 12                 | 0.064                | 0.083                | 0.081                | 0.102                | 0.035                | 0.076                | 1.63         |
| 14                 | 0.076                | 0.062                | 0.087                | 0.107                | 0.044                | 0.073                | 1.63         |
| 16                 | 0.062                | 0.090                | 0.062                | 0.105                | 0.042                | 0.085                | 1.63         |
| 18                 | 0.073                | 0.063                | 0.066                | 0.106                | 0.036                | 0.084                | 1.63         |
| 20                 | 0.075                | 0.067                | 0.086                | 0.098                | 0.048                | 0.075                | 1.63         |

E-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (V/m)

| Test distance (cm) | Test Position A(V/m) | Test Position B(V/m) | Test Position C(V/m) | Test Position D(V/m) | Test Position E(V/m) | Test Position F(V/m) | Limits (V/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.096                | 0.081                | 0.114                | 0.128                | 0.044                | 0.096                | 614          |
| 4                  | 0.090                | 0.099                | 0.094                | 0.137                | 0.053                | 0.077                | 614          |
| 6                  | 0.096                | 0.077                | 0.112                | 0.128                | 0.038                | 0.083                | 614          |
| 8                  | 0.088                | 0.106                | 0.106                | 0.132                | 0.061                | 0.091                | 614          |
| 10                 | 0.085                | 0.078                | 0.094                | 0.131                | 0.045                | 0.119                | 614          |
| 12                 | 0.076                | 0.112                | 0.103                | 0.131                | 0.043                | 0.084                | 1.63         |
| 14                 | 0.090                | 0.082                | 0.110                | 0.137                | 0.058                | 0.077                | 614          |
| 16                 | 0.086                | 0.085                | 0.105                | 0.128                | 0.058                | 0.111                | 614          |
| 18                 | 0.093                | 0.076                | 0.123                | 0.123                | 0.060                | 0.097                | 614          |
| 20                 | 0.099                | 0.085                | 0.077                | 0.115                | 0.040                | 0.106                | 614          |

50% battery

H-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (A/m)

| Test distance (cm) | Test Position A(uT) | Test Position B(uT) | Test Position C(uT) | Test Position D(uT) | Test Position E(uT) | Test Position F(uT) |
|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2                  | 0.080               | 0.094               | 0.106               | 0.116               | 0.059               | 0.097               |
| 4                  | 0.086               | 0.085               | 0.107               | 0.127               | 0.041               | 0.094               |
| 6                  | 0.098               | 0.077               | 0.123               | 0.124               | 0.038               | 0.117               |
| 8                  | 0.082               | 0.109               | 0.097               | 0.117               | 0.040               | 0.117               |
| 10                 | 0.094               | 0.108               | 0.095               | 0.115               | 0.046               | 0.103               |
| 12                 | 0.094               | 0.108               | 0.105               | 0.127               | 0.047               | 0.118               |
| 14                 | 0.080               | 0.088               | 0.082               | 0.125               | 0.053               | 0.075               |
| 16                 | 0.093               | 0.078               | 0.092               | 0.117               | 0.041               | 0.124               |
| 18                 | 0.082               | 0.111               | 0.079               | 0.126               | 0.042               | 0.084               |
| 20                 | 0.092               | 0.098               | 0.111               | 0.128               | 0.039               | 0.075               |

Note: A/m=uT/1.25

| Test distance (cm) | Test Position A(A/m) | Test Position B(A/m) | Test Position C(A/m) | Test Position D(A/m) | Test Position E(A/m) | Test Position F(A/m) | Limits (A/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.064                | 0.075                | 0.085                | 0.093                | 0.048                | 0.078                | 1.63         |
| 4                  | 0.069                | 0.068                | 0.086                | 0.101                | 0.032                | 0.075                | 1.63         |
| 6                  | 0.078                | 0.062                | 0.099                | 0.099                | 0.030                | 0.093                | 1.63         |
| 8                  | 0.065                | 0.087                | 0.077                | 0.094                | 0.032                | 0.094                | 1.63         |
| 10                 | 0.075                | 0.086                | 0.076                | 0.092                | 0.037                | 0.082                | 1.63         |
| 12                 | 0.076                | 0.086                | 0.084                | 0.102                | 0.038                | 0.095                | 1.63         |
| 14                 | 0.064                | 0.070                | 0.065                | 0.100                | 0.042                | 0.060                | 1.63         |
| 16                 | 0.075                | 0.062                | 0.074                | 0.094                | 0.033                | 0.100                | 1.63         |
| 18                 | 0.066                | 0.089                | 0.064                | 0.101                | 0.034                | 0.067                | 1.63         |
| 20                 | 0.073                | 0.078                | 0.088                | 0.102                | 0.032                | 0.060                | 1.63         |

E-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (V/m)

| Test distance (cm) | Test Position A(V/m) | Test Position B(V/m) | Test Position C(V/m) | Test Position D(V/m) | Test Position E(V/m) | Test Position F(V/m) | Limits (V/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.087                | 0.078                | 0.099                | 0.133                | 0.056                | 0.089                | 614          |
| 4                  | 0.084                | 0.088                | 0.094                | 0.113                | 0.043                | 0.086                | 614          |
| 6                  | 0.086                | 0.075                | 0.084                | 0.125                | 0.046                | 0.111                | 614          |
| 8                  | 0.097                | 0.081                | 0.075                | 0.115                | 0.062                | 0.091                | 614          |
| 10                 | 0.078                | 0.087                | 0.124                | 0.122                | 0.047                | 0.115                | 614          |
| 12                 | 0.078                | 0.107                | 0.089                | 0.130                | 0.047                | 0.092                | 614          |
| 14                 | 0.085                | 0.099                | 0.100                | 0.131                | 0.039                | 0.108                | 614          |
| 16                 | 0.093                | 0.084                | 0.120                | 0.121                | 0.049                | 0.084                | 614          |
| 18                 | 0.090                | 0.088                | 0.077                | 0.119                | 0.061                | 0.121                | 614          |
| 20                 | 0.098                | 0.108                | 0.089                | 0.119                | 0.050                | 0.084                | 614          |

99% battery

H-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (A/m)

| Test distance (cm) | Test Position A(uT) | Test Position B(uT) | Test Position C(uT) | Test Position D(uT) | Test Position E(uT) | Test Position F(uT) |
|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2                  | 0.079               | 0.081               | 0.106               | 0.120               | 0.045               | 0.096               |
| 4                  | 0.076               | 0.095               | 0.087               | 0.132               | 0.045               | 0.102               |
| 6                  | 0.096               | 0.079               | 0.101               | 0.115               | 0.053               | 0.107               |
| 8                  | 0.081               | 0.090               | 0.122               | 0.135               | 0.051               | 0.093               |
| 10                 | 0.077               | 0.100               | 0.121               | 0.118               | 0.046               | 0.095               |
| 12                 | 0.092               | 0.092               | 0.097               | 0.133               | 0.054               | 0.096               |
| 14                 | 0.092               | 0.086               | 0.091               | 0.137               | 0.051               | 0.080               |
| 16                 | 0.089               | 0.108               | 0.124               | 0.120               | 0.039               | 0.086               |
| 18                 | 0.079               | 0.105               | 0.123               | 0.127               | 0.061               | 0.122               |
| 20                 | 0.085               | 0.106               | 0.107               | 0.124               | 0.038               | 0.110               |

Note: A/m=uT/1.25

| Test distance (cm) | Test Position A(A/m) | Test Position B(A/m) | Test Position C(A/m) | Test Position D(A/m) | Test Position E(A/m) | Test Position F(A/m) | Limits (A/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.063                | 0.065                | 0.085                | 0.096                | 0.036                | 0.077                | 1.63         |
| 4                  | 0.061                | 0.076                | 0.069                | 0.106                | 0.036                | 0.081                | 1.63         |
| 6                  | 0.076                | 0.063                | 0.081                | 0.092                | 0.043                | 0.086                | 1.63         |
| 8                  | 0.065                | 0.072                | 0.098                | 0.108                | 0.041                | 0.075                | 1.63         |
| 10                 | 0.062                | 0.080                | 0.097                | 0.094                | 0.037                | 0.076                | 1.63         |
| 12                 | 0.074                | 0.074                | 0.078                | 0.107                | 0.043                | 0.077                | 1.63         |
| 14                 | 0.073                | 0.068                | 0.073                | 0.110                | 0.041                | 0.064                | 1.63         |
| 16                 | 0.072                | 0.086                | 0.099                | 0.096                | 0.031                | 0.069                | 1.63         |
| 18                 | 0.063                | 0.084                | 0.098                | 0.102                | 0.049                | 0.098                | 1.63         |
| 20                 | 0.068                | 0.085                | 0.086                | 0.099                | 0.030                | 0.088                | 1.63         |

E-Filed Strength at (Distance from 0cm to 20cm and with 2-cm increments) surrounding the EUT (V/m)

| Test distance (cm) | Test Position A(V/m) | Test Position B(V/m) | Test Position C(V/m) | Test Position D(V/m) | Test Position E(V/m) | Test Position F(V/m) | Limits (V/m) |
|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| 2                  | 0.061                | 0.068                | 0.089                | 0.099                | 0.033                | 0.096                | 614          |
| 4                  | 0.069                | 0.069                | 0.079                | 0.092                | 0.034                | 0.097                | 614          |
| 6                  | 0.072                | 0.076                | 0.097                | 0.104                | 0.035                | 0.063                | 614          |
| 8                  | 0.070                | 0.078                | 0.063                | 0.095                | 0.050                | 0.078                | 614          |
| 10                 | 0.064                | 0.068                | 0.081                | 0.097                | 0.034                | 0.076                | 614          |
| 12                 | 0.078                | 0.075                | 0.071                | 0.102                | 0.043                | 0.068                | 614          |
| 14                 | 0.065                | 0.082                | 0.093                | 0.091                | 0.040                | 0.086                | 614          |
| 16                 | 0.065                | 0.075                | 0.089                | 0.092                | 0.038                | 0.078                | 614          |
| 18                 | 0.076                | 0.065                | 0.087                | 0.107                | 0.049                | 0.074                | 614          |
| 20                 | 0.061                | 0.084                | 0.070                | 0.099                | 0.041                | 0.078                | 614          |

AC Mode

Worst Case Operating Mode: Mode 1

E-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

| Battery level | Frequency Range (MHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Test Position Top | 10% Limits Test (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------------|-------------------|
| 1%            | 0.112-0.205           | 0.078           | 0.086           | 0.089           | 0.092           | 0.040           | 0.089             | 61.4                  | 614               |
| 50%           | 0.112-0.205           | 0.070           | 0.061           | 0.077           | 0.091           | 0.040           | 0.096             | 61.4                  | 614               |
| 99%           | 0.112-0.205           | 0.076           | 0.077           | 0.068           | 0.105           | 0.043           | 0.061             | 61.4                  | 614               |

H-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

| Battery level | Frequency Range (MHz) | Test Position A(uT) | Test Position B(uT) | Test Position C(uT) | Test Position D(uT) | Test Position E(uT) | Test Position Top(uT) |
|---------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| 1%            | 0.112-0.205           | 0.084               | 0.097               | 0.096               | 0.114               | 0.056               | 0.096                 |
| 50%           | 0.112-0.205           | 0.080               | 0.107               | 0.088               | 0.115               | 0.046               | 0.120                 |
| 99%           | 0.112-0.205           | 0.093               | 0.079               | 0.086               | 0.120               | 0.047               | 0.116                 |

| Battery level | Frequency Range (MHz) | Test Position A(A/m) | Test Position B(A/m) | Test Position C(A/m) | Test Position D(A/m) | Test Position E(A/m) | Test Position Top(A/m) | 10% Limits Test (A/m) | Limits Test (A/m) |
|---------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|-----------------------|-------------------|
| 1%            | 0.112-0.205           | 0.067                | 0.078                | 0.077                | 0.091                | 0.045                | 0.077                  | 0.163                 | 1.63              |
| 50%           | 0.112-0.205           | 0.064                | 0.086                | 0.071                | 0.092                | 0.037                | 0.096                  | 0.163                 | 1.63              |
| 99%           | 0.112-0.205           | 0.075                | 0.063                | 0.069                | 0.096                | 0.038                | 0.093                  | 0.163                 | 1.63              |

Note: A/m = uT ÷ 1.25

## 5. Photographs Of Test Set-Up

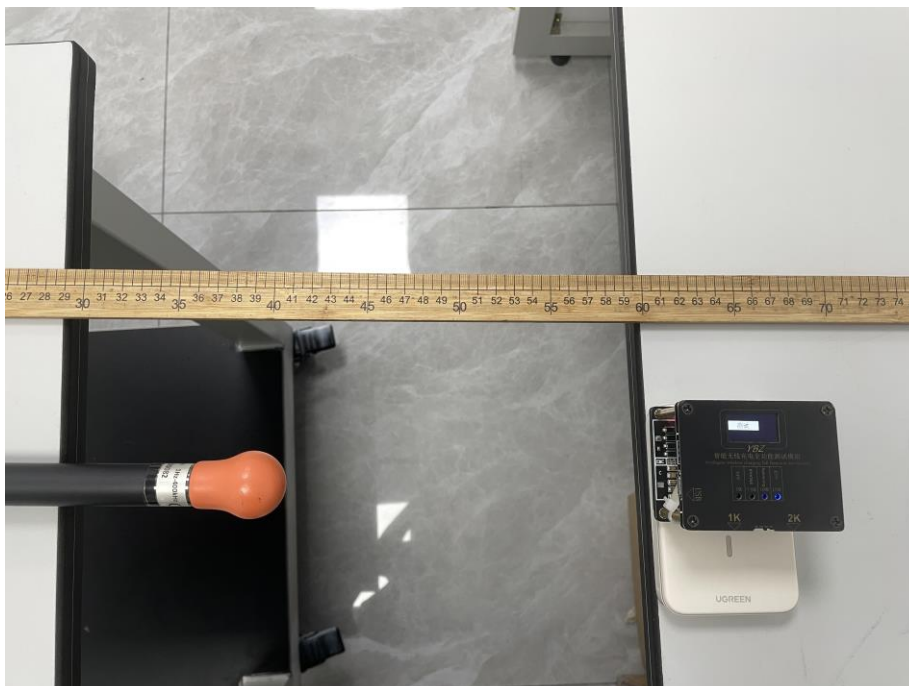
0CM



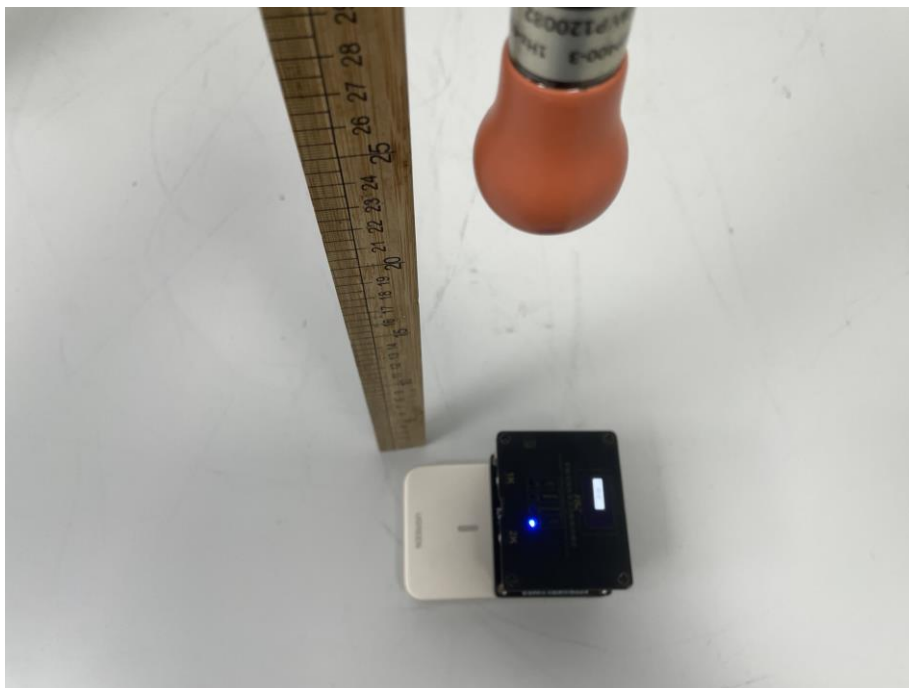




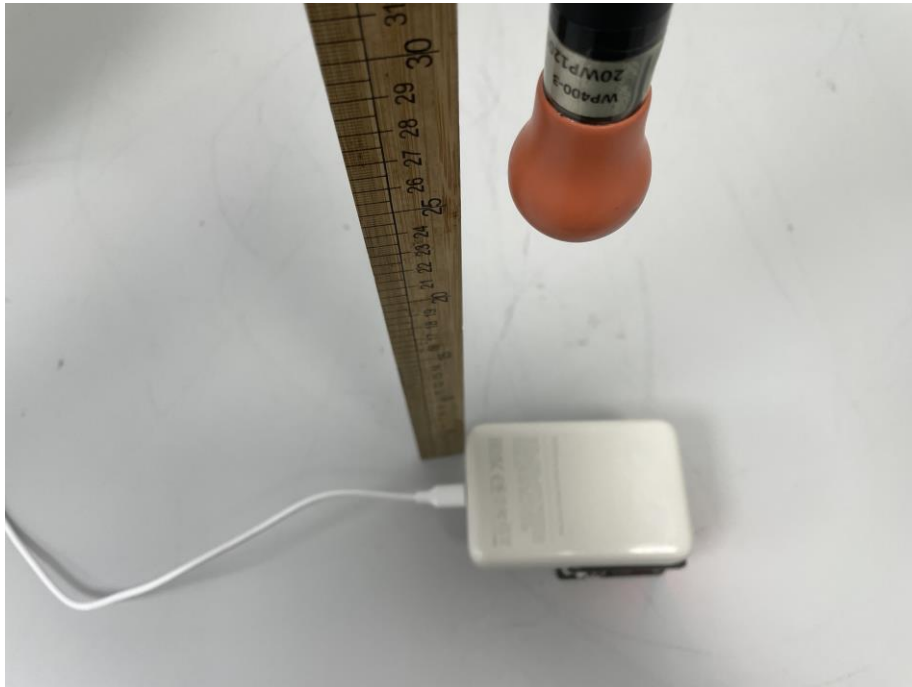
20CM



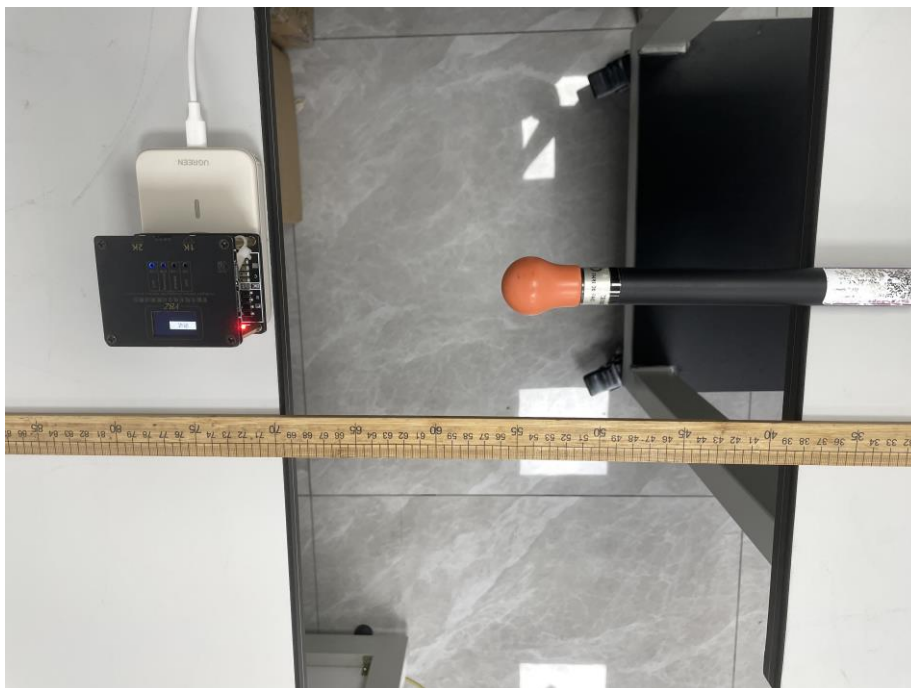




**AC Mode**







**STATEMENT**

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

**Address:**

1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: <http://www.chnbctc.com>

E-Mail: [bctc@bctc-lab.com.cn](mailto:bctc@bctc-lab.com.cn)

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