



## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Report No.: SZEM170700794002  
Page: 1 of 10

# Human Exposure Report

**Application No.:** SZEM1707007940CR  
**Applicant:** Scosche Industries Inc.  
**Address of Applicant:** 1550 Pacific Ave., Oxnard, CA 93033, United States of America  
**Manufacturer:** Shenzhen Powerqi Technology Co., Ltd.  
**Address of Manufacturer:** 14F No.12 Building, Zhonghaixin Science and Technology Park, Bulan Road, Buji Street, Longgang District, Shenzhen, China  
**Factory:** Shenzhen Powerqi Technology Co., Ltd.  
**Address of Factory:** 14F No.12 Building, Zhonghaixin Science and Technology Park, Bulan Road, Buji Street, Longgang District, Shenzhen, China

### Equipment Under Test (EUT):

**EUT Name:** Wireless Car Charger  
**Model No.:** QM5W  
**Trade Mark:** SCOSCHE  
**FCC ID:** IKQQM5W  
**Standards:** 47 CFR PART 1, Subpart I, Section 1.1310  
**Date of Receipt:** 2017-08-01  
**Date of Test:** 2017-08-01 to 2017-12-11  
**Date of Issue:** 2017-12-11

|                      |              |
|----------------------|--------------|
| <b>Test Result :</b> | <b>Pass*</b> |
|----------------------|--------------|

\* This report is just a test result base on the test method and limit requirement shown in the form on the second page. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Authorized Signature:



Jack Zhang  
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



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**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 2 of 43

| <i>Revision Record</i> |                |             |                 |               |
|------------------------|----------------|-------------|-----------------|---------------|
| <i>Version</i>         | <i>Chapter</i> | <i>Date</i> | <i>Modifier</i> | <i>Remark</i> |
| 01                     |                | 2017-09-14  |                 | Original      |
|                        |                |             |                 |               |
|                        |                |             |                 |               |

|                                 |  |   |  |             |
|---------------------------------|--|---|--|-------------|
| <b>Authorized for issue by:</b> |  |   |  |             |
| <b>Tested By</b>                |  |   |  |             |
|                                 |  | <hr/>   |  |             |
|                                 |  | <b>Jacky Li/Project Engineer</b>  |  | 2017-09-14  |
|                                 |  |   |  | <b>Date</b> |
| <b>Checked By</b>               |  |  |  |             |
|                                 |  | <hr/>   |  |             |
|                                 |  | <b>Eric Fu /Reviewer</b>  |  | 2017-09-14  |
|                                 |  |   |  | <b>Date</b> |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 3 of 43

## 2 Contents

|  | Page      |
|--|-----------|
| <b>1 COVER PAGE .....</b>                        | <b>1</b>  |
| <b>2 CONTENTS .....</b>                          | <b>3</b>  |
| <b>3 GENERAL INFORMATION .....</b>               | <b>4</b>  |
| 3.1 DETAILS OF E.U.T. ....                       | 4         |
| 3.2 DESCRIPTION OF SUPPORT UNITS .....           | 4         |
| 3.3 TEST LOCATION .....                          | 5         |
| 3.4 TEST FACILITY .....                          | 5         |
| 3.5 DEVIATION FROM STANDARDS .....               | 5         |
| 3.6 ABNORMALITIES FROM STANDARD CONDITIONS ..... | 5         |
| <b>4 EQUIPMENTS USED DURING TEST .....</b>       | <b>6</b>  |
| <b>5 TEST RESULTS .....</b>                      | <b>7</b>  |
| 5.1 RF EXPOSURE TEST .....                       | 7         |
| 5.1.1 E.U.T. Operation .....                     | 7         |
| 5.1.2 Measurement Data .....                     | 8         |
| <b>6 PHOTOGRAPHS .....</b>                       | <b>26</b> |
| 6.1 TEST SETUP PHOTOS .....                      | 26-43     |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 4 of 43

### 3 General Information

#### 3.1 Details of E.U.T.

Power Supply: DC 5.0V, 2.0A/ DC9.0V, 1.8A  
Operation Frequency: 116KHz-176.3KHz

#### 3.2 Description of Support Units

The EUT has been tested with associated equipment below.

| Description | Manufacturer                          | Model No. | Serial No. |
|-------------|---------------------------------------|-----------|------------|
| WPC Load    | Shenzhen Powerqi Technology Co., Ltd. | /         | /          |
| Adapter     | Scosche Industries Inc                | /         | /          |



## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM170700794002  
Page: 5 of 43

### 3.3 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

### 3.4 Test Facility

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

- **CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

- **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- **Industry Canada (IC)**

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

### 3.5 Deviation from Standards

None.

### 3.6 Abnormalities from Standard Conditions

None.



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 6 of 43

#### **4 Equipments Used during Test**

| <b>Item</b> | <b>Test Equipment</b>    | <b>Manufacturer</b> | <b>Model No.</b> | <b>Inventory No.</b> | <b>Cal.Due date<br/>(yyyy-mm-dd)</b> |
|-------------|--------------------------|---------------------|------------------|----------------------|--------------------------------------|
| 1           | 3m Semi-Anechoic Chamber | ETS-LINDGREN        | N/A              | SEL0017              | 2017-06-10                           |
| 2           | Electric Filed Meter     | Schaffner           | EMC20            | EMC068               | 2018-03-27                           |
| 3           | DC Electronic Load       | PRODIGIT            | 3302F            | 30802F00533          | 2017-12-05                           |



## 5 Test Results

### 5.1 RF Exposure test

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310  
Measurement Distance: 0cm, 2cm, 4cm, 6cm, 8cm, 10cm  
Test voltage: DC 9.0V  
Limit:

| Frequency range (MHz)   | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|---|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| <b>(A) Limits for Occupational/Controlled Exposures</b>   |                               |                               |                                     |                          |
| 0.3-3.0   | 614                           | 1.63                          | *(100)                              | 6                        |
| 3.0-30  | 1842/f                        | 4.89/f                        | *(900/f <sup>2</sup> )              | 6                        |
| 30-300  | 61.4                          | 0.163                         | 1.0                                 | 6                        |
| 300-1500  | /                             | /                             | f/300                               | 6                        |
| 1500-100,000  | /                             | /                             | 5                                   | 6                        |
| <b>(B) Limits for General Population/Uncontrolled Exposure</b>  |                               |                               |                                     |                          |
| 0.3-1.34  | 614                           | 1.63                          | *(100)                              | 30                       |
| 1.34-30   | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | 30                       |
| 30-300  | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300-1500  | /                             | /                             | f/1500                              | 30                       |
| 1500-100,000  | /                             | /                             | 1.0                                 | 30                       |
| F=frequency in MHz<br>*=Plane-wave equivalent power density<br>RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m). |                               |                               |                                     |                          |

#### 5.1.1 E.U.T. Operation

Operating Environment:  
Temperature: 24.0 °C      Humidity: 52% RH      Atmospheric Pressure: 1015 mbar



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 8 of 43

**5.1.2 Measurement Data**

**1:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 0                  | 10.77                      | 614         | 184.2           |
| 0.164                | Side 2        | 0                  | 8.95                       | 614         | 184.2           |
| 0.164                | Side 3        | 0                  | 7.18                       | 614         | 184.2           |
| 0.164                | Side 4        | 0                  | 5.27                       | 614         | 184.2           |
| 0.164                | Top           | 0                  | 14.19                      | 614         | 184.2           |
| 0.164                | Bottom        | 0                  | 3.45                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 0                  | 0.0286                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 0                  | 0.0240                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 0                  | 0.0188                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 0                  | 0.0139                     | 1.63        | 0.489           |
| 0.164                | Top           | 0                  | 0.0372                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 0                  | 0.0099                     | 1.63        | 0.489           |





**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 9 of 43

**2:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 2                  | 5.49                       | 614         | 184.2           |
| 0.164                | Side 2        | 2                  | 4.75                       | 614         | 184.2           |
| 0.164                | Side 3        | 2                  | 3.91                       | 614         | 184.2           |
| 0.164                | Side 4        | 2                  | 3.60                       | 614         | 184.2           |
| 0.164                | Top           | 2                  | 6.95                       | 614         | 184.2           |
| 0.164                | Bottom        | 2                  | 2.73                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 2                  | 0.0147                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 2                  | 0.0127                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 2                  | 0.0105                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 2                  | 0.0094                     | 1.63        | 0.489           |
| 0.164                | Top           | 2                  | 0.0185                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 2                  | 0.0071                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 10 of 43

**3:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 4                  | 3.39                       | 614         | 184.2           |
| 0.164                | Side 2        | 4                  | 3.34                       | 614         | 184.2           |
| 0.164                | Side 3        | 4                  | 2.71                       | 614         | 184.2           |
| 0.164                | Side 4        | 4                  | 2.60                       | 614         | 184.2           |
| 0.164                | Top           | 4                  | 4.33                       | 614         | 184.2           |
| 0.164                | Bottom        | 4                  | 1.75                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 4                  | 0.0092                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 4                  | 0.0087                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 4                  | 0.0069                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 4                  | 0.0055                     | 1.63        | 0.489           |
| 0.164                | Top           | 4                  | 0.0114                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 4                  | 0.0048                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 11 of 43

**4:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 6                  | 2.18                       | 614         | 184.2           |
| 0.164                | Side 2        | 6                  | 2.17                       | 614         | 184.2           |
| 0.164                | Side 3        | 6                  | 1.89                       | 614         | 184.2           |
| 0.164                | Side 4        | 6                  | 1.71                       | 614         | 184.2           |
| 0.164                | Top           | 6                  | 2.78                       | 614         | 184.2           |
| 0.164                | Bottom        | 6                  | 1.43                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 6                  | 0.0058                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 6                  | 0.0058                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 6                  | 0.0051                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 6                  | 0.0045                     | 1.63        | 0.489           |
| 0.164                | Top           | 6                  | 0.0074                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 6                  | 0.0038                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 12 of 43

**5:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 8                  | 1.53                       | 614         | 184.2           |
| 0.164                | Side 2        | 8                  | 1.57                       | 614         | 184.2           |
| 0.164                | Side 3        | 8                  | 1.46                       | 614         | 184.2           |
| 0.164                | Side 4        | 8                  | 1.37                       | 614         | 184.2           |
| 0.164                | Top           | 8                  | 1.94                       | 614         | 184.2           |
| 0.164                | Bottom        | 8                  | 0.90                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 8                  | 0.0040                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 8                  | 0.0041                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 8                  | 0.0033                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 8                  | 0.0035                     | 1.63        | 0.489           |
| 0.164                | Top           | 8                  | 0.0051                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 8                  | 0.0024                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 13 of 43

**6:Charging with 1% capacity of battery (High load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 10                 | 1.12                       | 614         | 184.2           |
| 0.164                | Side 2        | 10                 | 0.98                       | 614         | 184.2           |
| 0.164                | Side 3        | 10                 | 1.05                       | 614         | 184.2           |
| 0.164                | Side 4        | 10                 | 1.03                       | 614         | 184.2           |
| 0.164                | Top           | 10                 | 1.25                       | 614         | 184.2           |
| 0.164                | Bottom        | 10                 | 0.71                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.164                | Side 1        | 10                 | 0.0029                     | 1.63        | 0.489           |
| 0.164                | Side 2        | 10                 | 0.0027                     | 1.63        | 0.489           |
| 0.164                | Side 3        | 10                 | 0.0024                     | 1.63        | 0.489           |
| 0.164                | Side 4        | 10                 | 0.0029                     | 1.63        | 0.489           |
| 0.164                | Top           | 10                 | 0.0032                     | 1.63        | 0.489           |
| 0.164                | Bottom        | 10                 | 0.0019                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 14 of 43

**7:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 0                  | 10.44                      | 614         | 184.2           |
| 0.147                | Side 2        | 0                  | 8.24                       | 614         | 184.2           |
| 0.147                | Side 3        | 0                  | 7.11                       | 614         | 184.2           |
| 0.147                | Side 4        | 0                  | 5.74                       | 614         | 184.2           |
| 0.147                | Top           | 0                  | 14.33                      | 614         | 184.2           |
| 0.147                | Bottom        | 0                  | 3.52                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 0                  | 0.0287                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 0                  | 0.0247                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 0                  | 0.0190                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 0                  | 0.0136                     | 1.63        | 0.489           |
| 0.147                | Top           | 0                  | 0.0365                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 0                  | 0.0094                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 15 of 43

**8:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 2                  | 5.75                       | 614         | 184.2           |
| 0.147                | Side 2        | 2                  | 4.22                       | 614         | 184.2           |
| 0.147                | Side 3        | 2                  | 3.64                       | 614         | 184.2           |
| 0.147                | Side 4        | 2                  | 3.54                       | 614         | 184.2           |
| 0.147                | Top           | 2                  | 6.64                       | 614         | 184.2           |
| 0.147                | Bottom        | 2                  | 2.73                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 2                  | 0.0145                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 2                  | 0.0124                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 2                  | 0.0101                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 2                  | 0.0092                     | 1.63        | 0.489           |
| 0.147                | Top           | 2                  | 0.0176                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 2                  | 0.0065                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 16 of 43

**9:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 4                  | 3.74                       | 614         | 184.2           |
| 0.147                | Side 2        | 4                  | 3.65                       | 614         | 184.2           |
| 0.147                | Side 3        | 4                  | 2.29                       | 614         | 184.2           |
| 0.147                | Side 4        | 4                  | 2.34                       | 614         | 184.2           |
| 0.147                | Top           | 4                  | 4.11                       | 614         | 184.2           |
| 0.147                | Bottom        | 4                  | 1.23                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 4                  | 0.0085                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 4                  | 0.0082                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 4                  | 0.0067                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 4                  | 0.0051                     | 1.63        | 0.489           |
| 0.147                | Top           | 4                  | 0.0108                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 4                  | 0.0041                     | 1.63        | 0.489           |





**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 17 of 43

**10:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 6                  | 2.11                       | 614         | 184.2           |
| 0.147                | Side 2        | 6                  | 2.19                       | 614         | 184.2           |
| 0.147                | Side 3        | 6                  | 1.67                       | 614         | 184.2           |
| 0.147                | Side 4        | 6                  | 1.79                       | 614         | 184.2           |
| 0.147                | Top           | 6                  | 2.66                       | 614         | 184.2           |
| 0.147                | Bottom        | 6                  | 1.32                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 6                  | 0.0054                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 6                  | 0.0057                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 6                  | 0.0059                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 6                  | 0.0042                     | 1.63        | 0.489           |
| 0.147                | Top           | 6                  | 0.0070                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 6                  | 0.0033                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 18 of 43

**11:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 8                  | 1.58                       | 614         | 184.2           |
| 0.147                | Side 2        | 8                  | 1.53                       | 614         | 184.2           |
| 0.147                | Side 3        | 8                  | 1.54                       | 614         | 184.2           |
| 0.147                | Side 4        | 8                  | 1.43                       | 614         | 184.2           |
| 0.147                | Top           | 8                  | 1.88                       | 614         | 184.2           |
| 0.147                | Bottom        | 8                  | 0.94                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 8                  | 0.0044                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 8                  | 0.0047                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 8                  | 0.0037                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 8                  | 0.0036                     | 1.63        | 0.489           |
| 0.147                | Top           | 8                  | 0.0057                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 8                  | 0.0022                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 19 of 43

**12:Charging with 50% capacity of battery (Medium load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 10                 | 1.17                       | 614         | 184.2           |
| 0.147                | Side 2        | 10                 | 0.99                       | 614         | 184.2           |
| 0.147                | Side 3        | 10                 | 1.15                       | 614         | 184.2           |
| 0.147                | Side 4        | 10                 | 1.14                       | 614         | 184.2           |
| 0.147                | Top           | 10                 | 1.28                       | 614         | 184.2           |
| 0.147                | Bottom        | 10                 | 0.76                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.147                | Side 1        | 10                 | 0.0030                     | 1.63        | 0.489           |
| 0.147                | Side 2        | 10                 | 0.0029                     | 1.63        | 0.489           |
| 0.147                | Side 3        | 10                 | 0.0026                     | 1.63        | 0.489           |
| 0.147                | Side 4        | 10                 | 0.0032                     | 1.63        | 0.489           |
| 0.147                | Top           | 10                 | 0.0035                     | 1.63        | 0.489           |
| 0.147                | Bottom        | 10                 | 0.0022                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 20 of 43

**13:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 0                  | 8.35                       | 614         | 184.2           |
| 0.130                | Side 2        | 0                  | 6.92                       | 614         | 184.2           |
| 0.130                | Side 3        | 0                  | 5.57                       | 614         | 184.2           |
| 0.130                | Side 4        | 0                  | 3.83                       | 614         | 184.2           |
| 0.130                | Top           | 0                  | 12.77                      | 614         | 184.2           |
| 0.130                | Bottom        | 0                  | 2.75                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 0                  | 0.0256                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 0                  | 0.0211                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 0                  | 0.0167                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 0                  | 0.0110                     | 1.63        | 0.489           |
| 0.130                | Top           | 0                  | 0.0364                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 0                  | 0.0077                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 21 of 43

**14:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 2                  | 4.97                       | 614         | 184.2           |
| 0.130                | Side 2        | 2                  | 3.26                       | 614         | 184.2           |
| 0.130                | Side 3        | 2                  | 2.84                       | 614         | 184.2           |
| 0.130                | Side 4        | 2                  | 2.84                       | 614         | 184.2           |
| 0.130                | Top           | 2                  | 4.74                       | 614         | 184.2           |
| 0.130                | Bottom        | 2                  | 1.53                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 2                  | 0.0123                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 2                  | 0.0104                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 2                  | 0.0095                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 2                  | 0.0074                     | 1.63        | 0.489           |
| 0.130                | Top           | 2                  | 0.0154                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 2                  | 0.0056                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 22 of 43

**15:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 4                  | 2.78                       | 614         | 184.2           |
| 0.130                | Side 2        | 4                  | 2.52                       | 614         | 184.2           |
| 0.130                | Side 3        | 4                  | 1.93                       | 614         | 184.2           |
| 0.130                | Side 4        | 4                  | 1.36                       | 614         | 184.2           |
| 0.130                | Top           | 4                  | 2.74                       | 614         | 184.2           |
| 0.130                | Bottom        | 4                  | 0.64                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 4                  | 0.0074                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 4                  | 0.0068                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 4                  | 0.0055                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 4                  | 0.0041                     | 1.63        | 0.489           |
| 0.130                | Top           | 4                  | 0.0087                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 4                  | 0.0034                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 23 of 43

**16:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 6                  | 1.57                       | 614         | 184.2           |
| 0.130                | Side 2        | 6                  | 1.43                       | 614         | 184.2           |
| 0.130                | Side 3        | 6                  | 0.75                       | 614         | 184.2           |
| 0.130                | Side 4        | 6                  | 0.87                       | 614         | 184.2           |
| 0.130                | Top           | 6                  | 1.53                       | 614         | 184.2           |
| 0.130                | Bottom        | 6                  | 0.85                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 6                  | 0.0046                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 6                  | 0.0042                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 6                  | 0.0036                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 6                  | 0.0038                     | 1.63        | 0.489           |
| 0.130                | Top           | 6                  | 0.0044                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 6                  | 0.0032                     | 1.63        | 0.489           |



**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 24 of 43

**17:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 8                  | 0.87                       | 614         | 184.2           |
| 0.130                | Side 2        | 8                  | 0.86                       | 614         | 184.2           |
| 0.130                | Side 3        | 8                  | 0.92                       | 614         | 184.2           |
| 0.130                | Side 4        | 8                  | 0.86                       | 614         | 184.2           |
| 0.130                | Top           | 8                  | 0.98                       | 614         | 184.2           |
| 0.130                | Bottom        | 8                  | 0.76                       | 614         | 184.2           |

**Magnetic Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 8                  | 0.0033                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 8                  | 0.0031                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 8                  | 0.0037                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 8                  | 0.0029                     | 1.63        | 0.489           |
| 0.130                | Top           | 8                  | 0.0036                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 8                  | 0.0027                     | 1.63        | 0.489           |





**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZEM170700794002  
Page: 25 of 43

**18:Charging with 99% capacity of battery (Low load)**

**Electric Field Emissions**

| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (V/m) | Limit (V/m) | 30% Limit (V/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 10                 | 0.85                       | 614         | 184.2           |
| 0.130                | Side 2        | 10                 | 0.75                       | 614         | 184.2           |
| 0.130                | Side 3        | 10                 | 0.83                       | 614         | 184.2           |
| 0.130                | Side 4        | 10                 | 0.76                       | 614         | 184.2           |
| 0.130                | Top           | 10                 | 0.63                       | 614         | 184.2           |
| 0.130                | Bottom        | 10                 | 0.66                       | 614         | 184.2           |

**Magnetic Field Emissions**

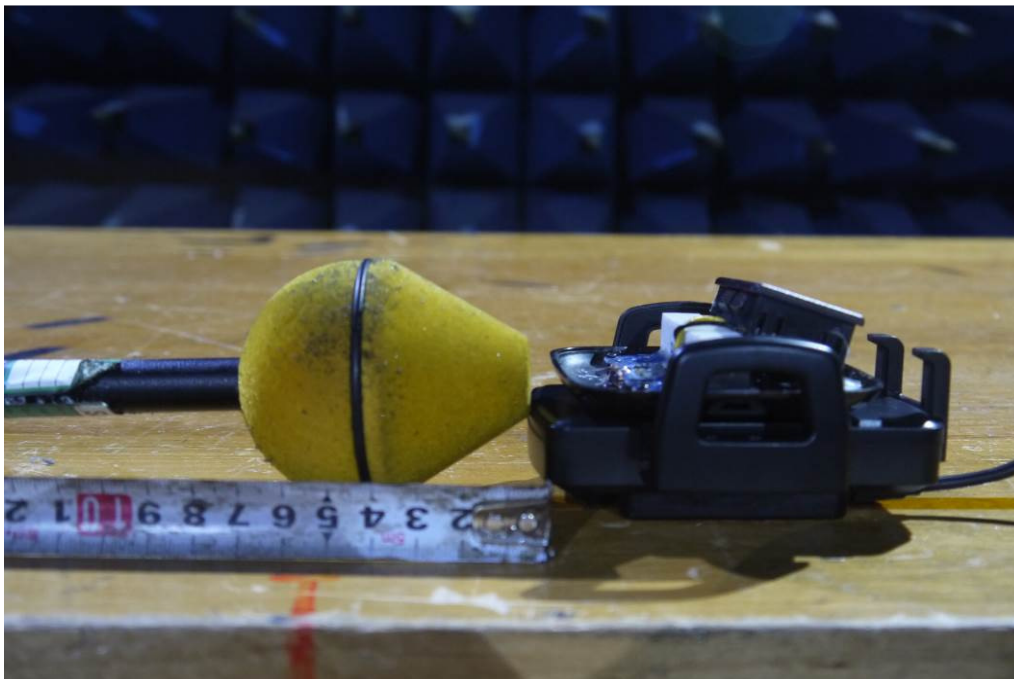
| Test frequency (MHz) | Test Position | Test Distance (cm) | Probe Measure Result (A/m) | Limit (A/m) | 30% Limit (A/m) |
|----------------------|---------------|--------------------|----------------------------|-------------|-----------------|
| 0.130                | Side 1        | 10                 | 0.0026                     | 1.63        | 0.489           |
| 0.130                | Side 2        | 10                 | 0.0023                     | 1.63        | 0.489           |
| 0.130                | Side 3        | 10                 | 0.0020                     | 1.63        | 0.489           |
| 0.130                | Side 4        | 10                 | 0.0021                     | 1.63        | 0.489           |
| 0.130                | Top           | 10                 | 0.0019                     | 1.63        | 0.489           |
| 0.130                | Bottom        | 10                 | 0.0017                     | 1.63        | 0.489           |

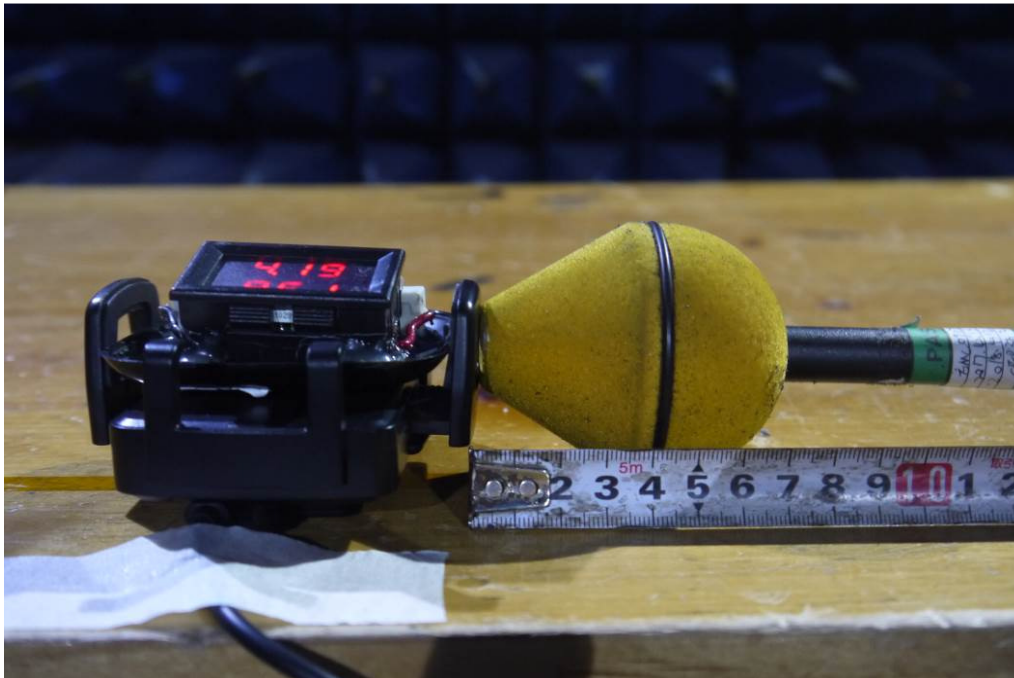
Note: Test should be carried out in different distance from 0~10cm. We only record the worst test result of all modes

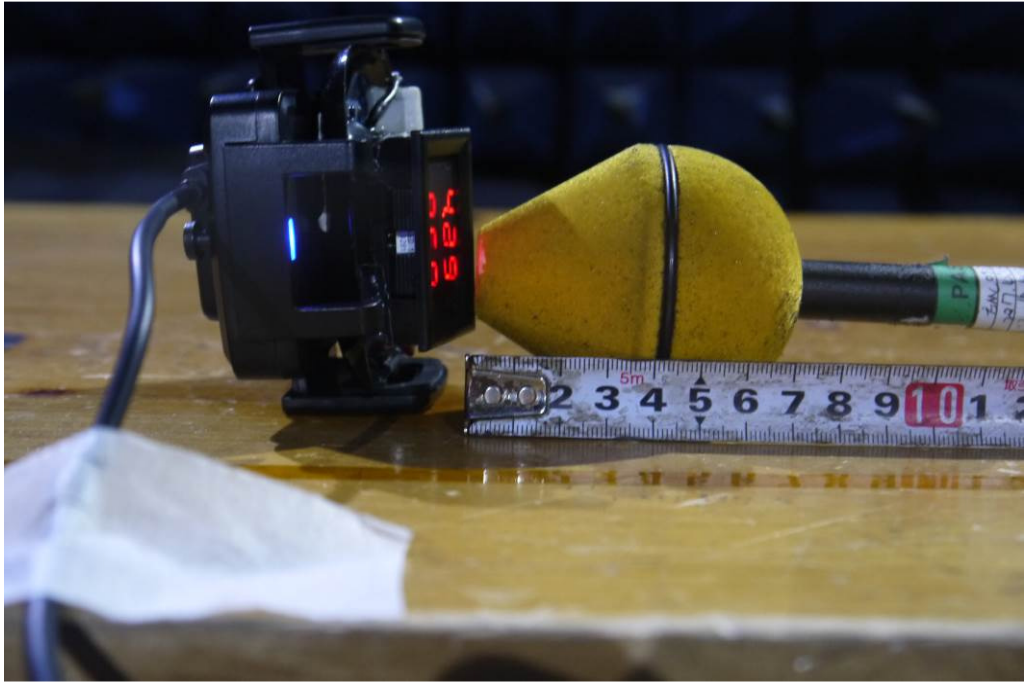
## 6 Photographs

### 6.1 Test setup photos

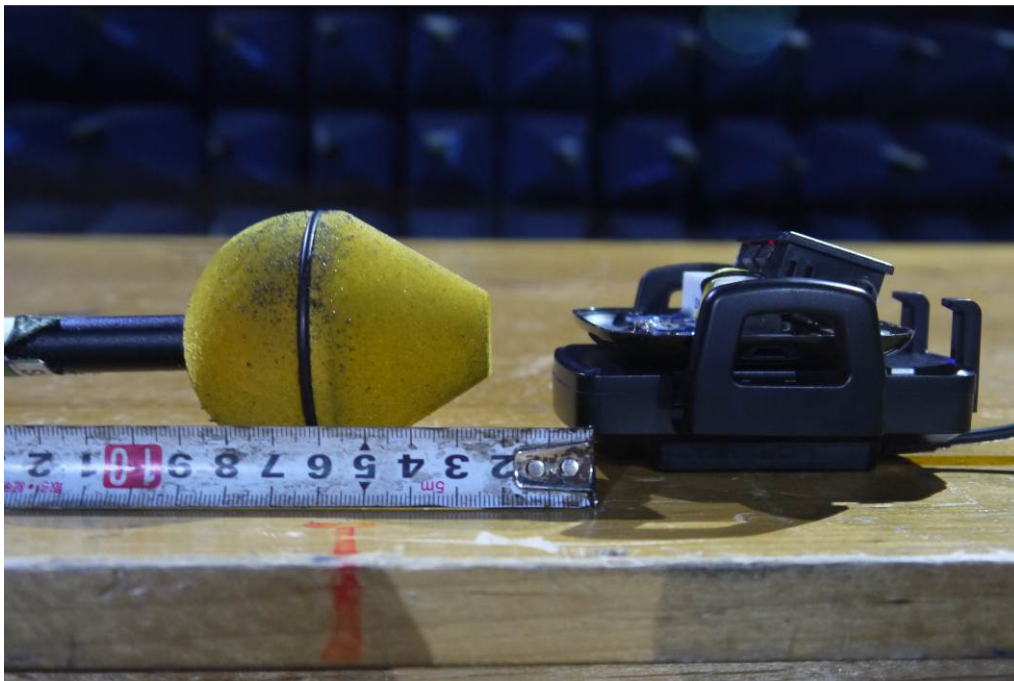
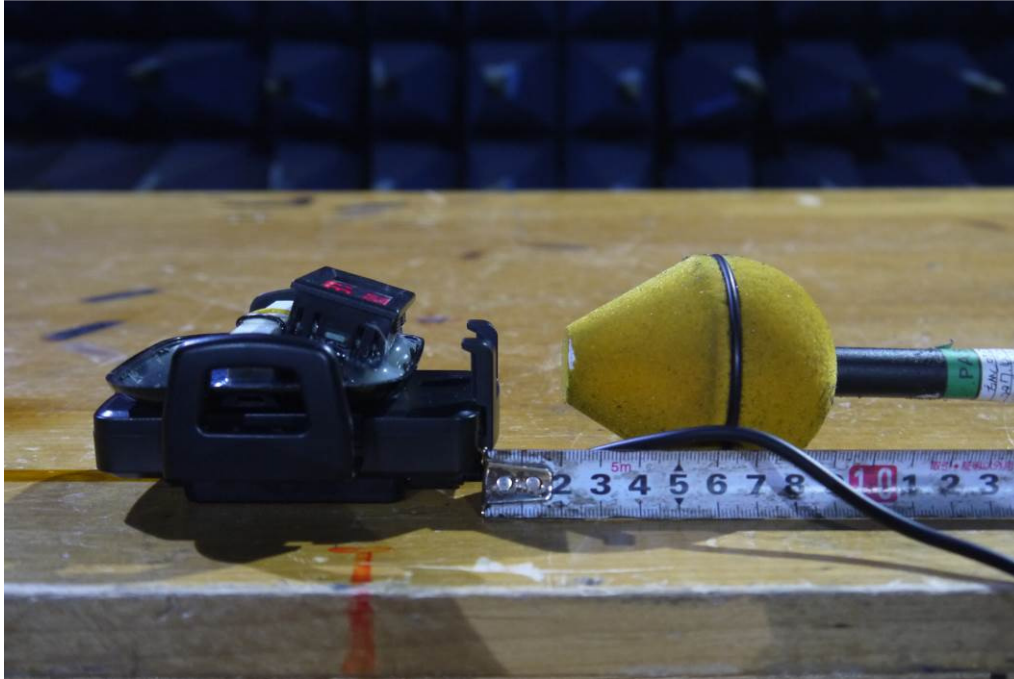
#### Electric Field and Magnetic Field\_0cm

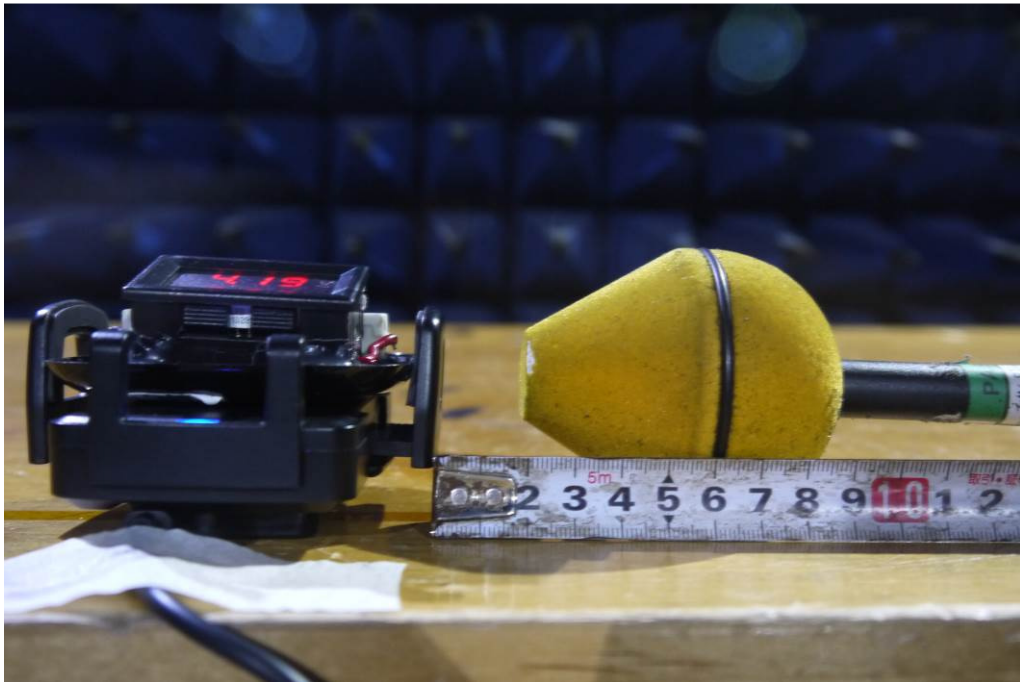
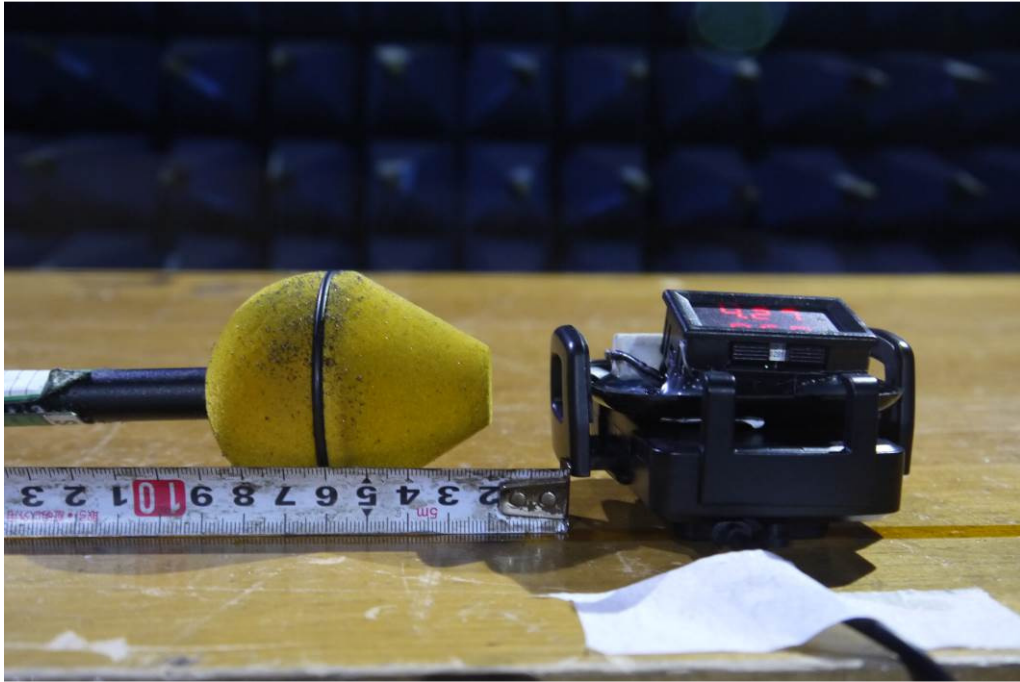


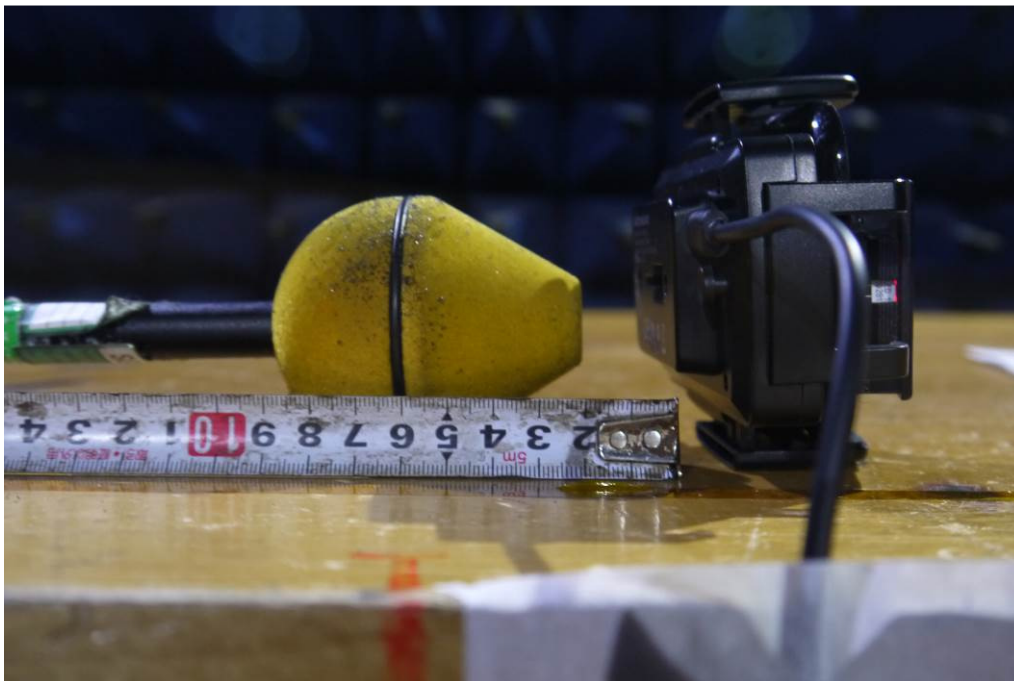




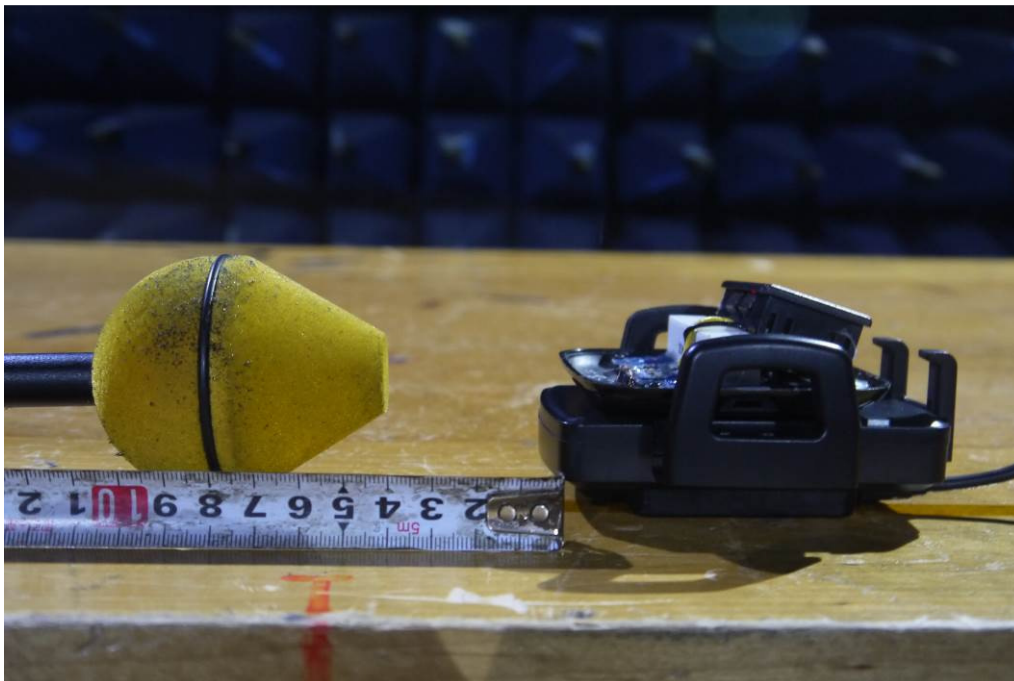
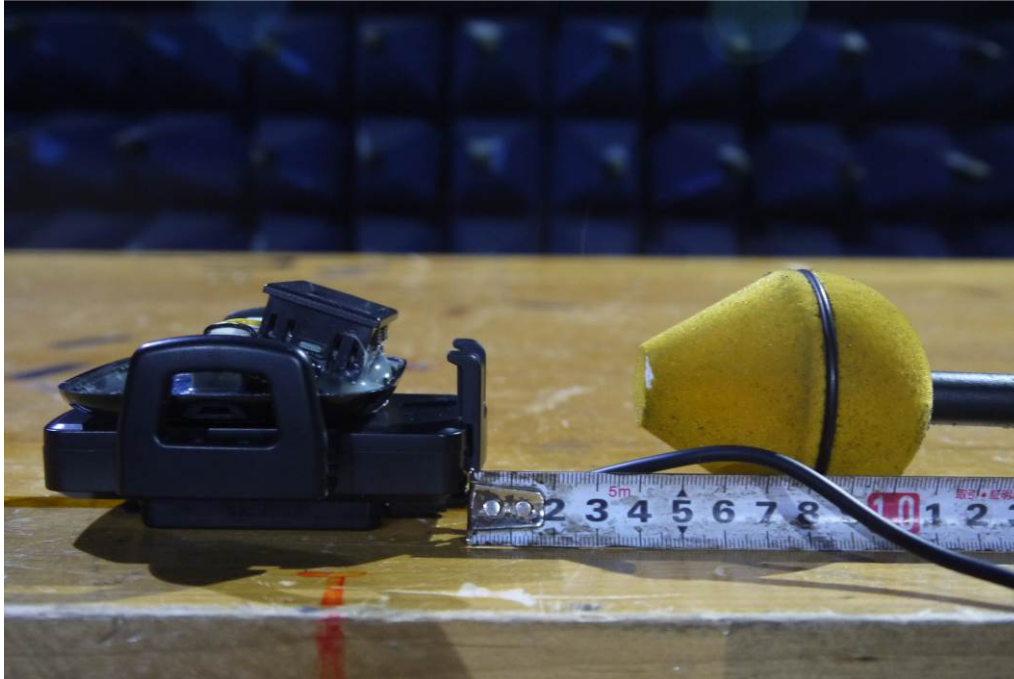
Electric Field and Magnetic Field\_2cm



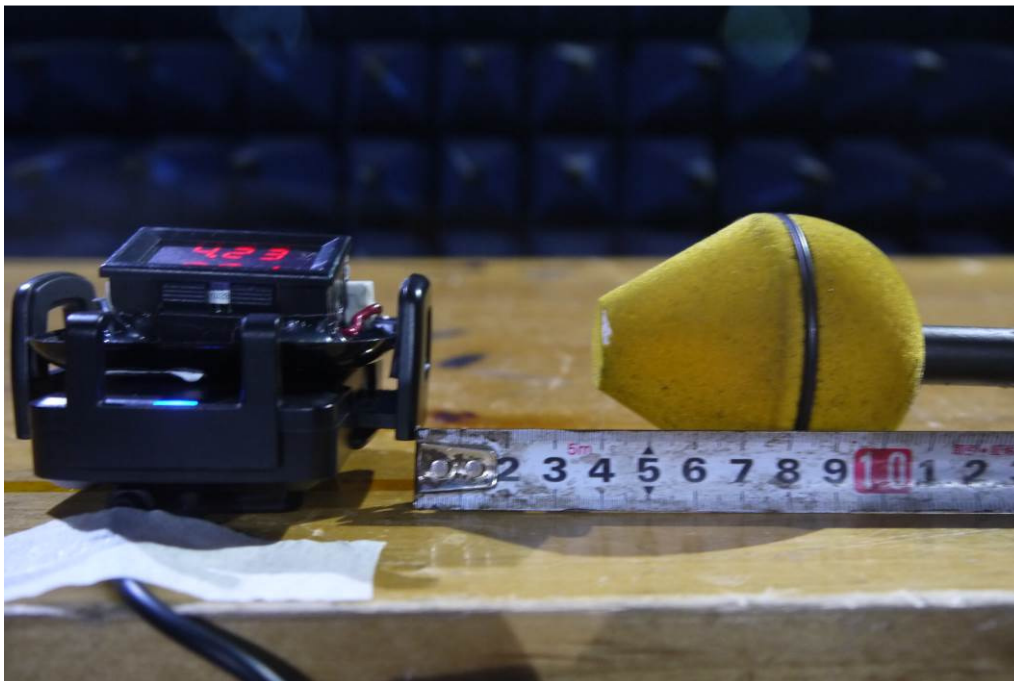
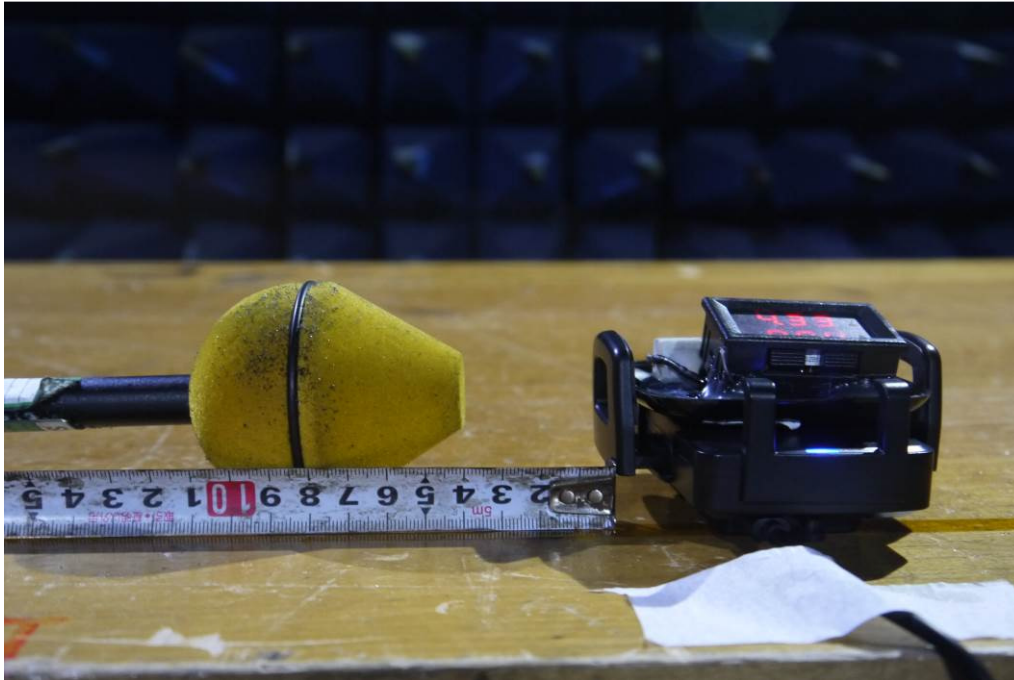




**Electric Field and Magnetic Field\_4cm**

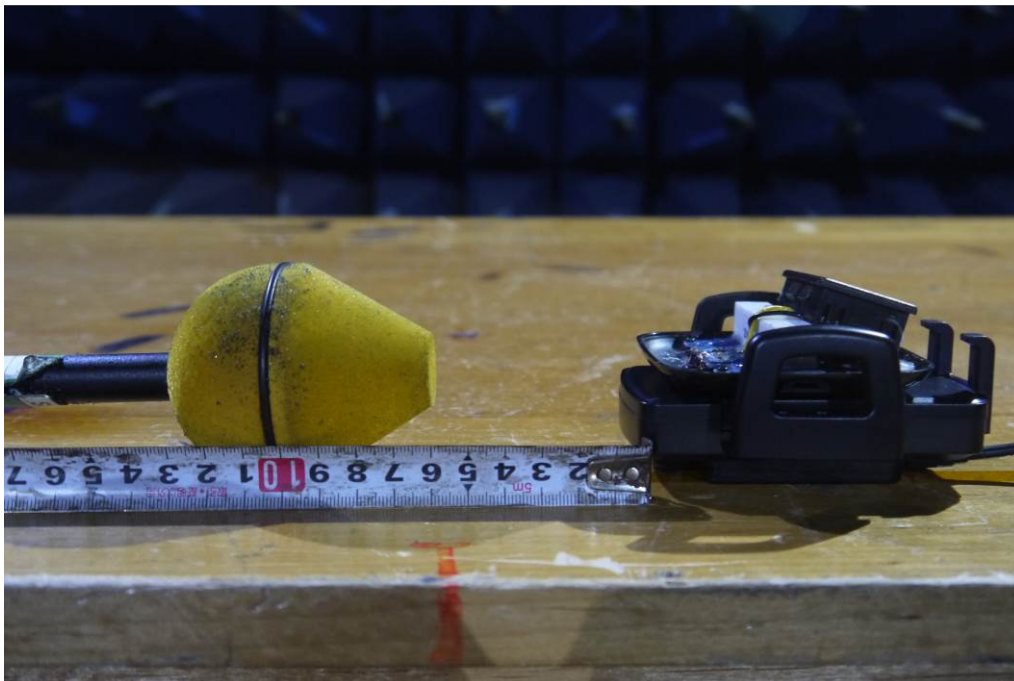


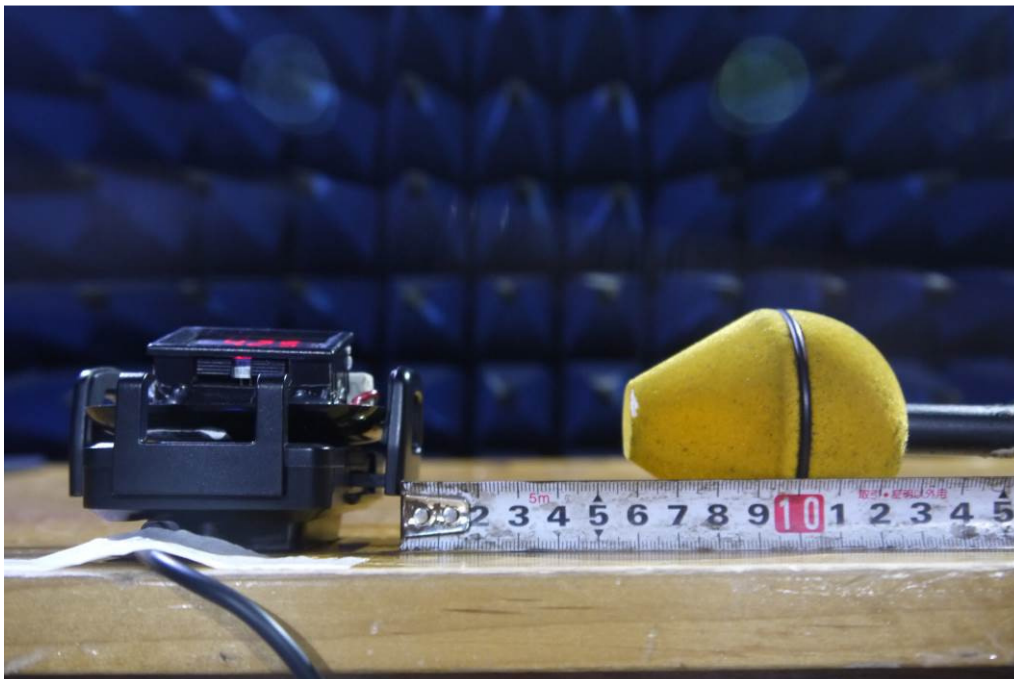


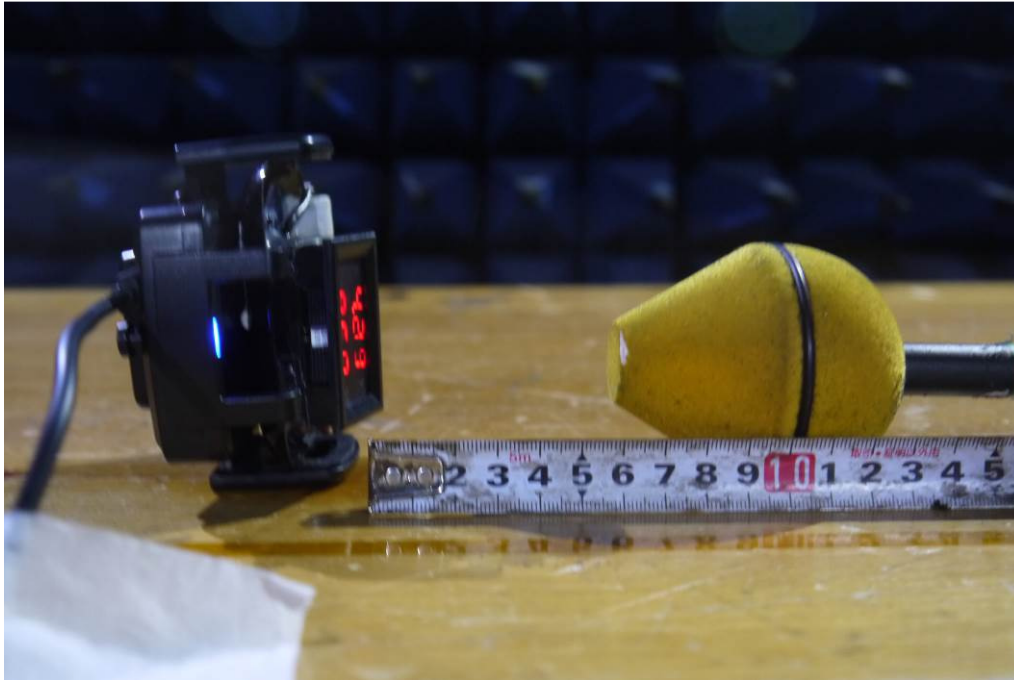




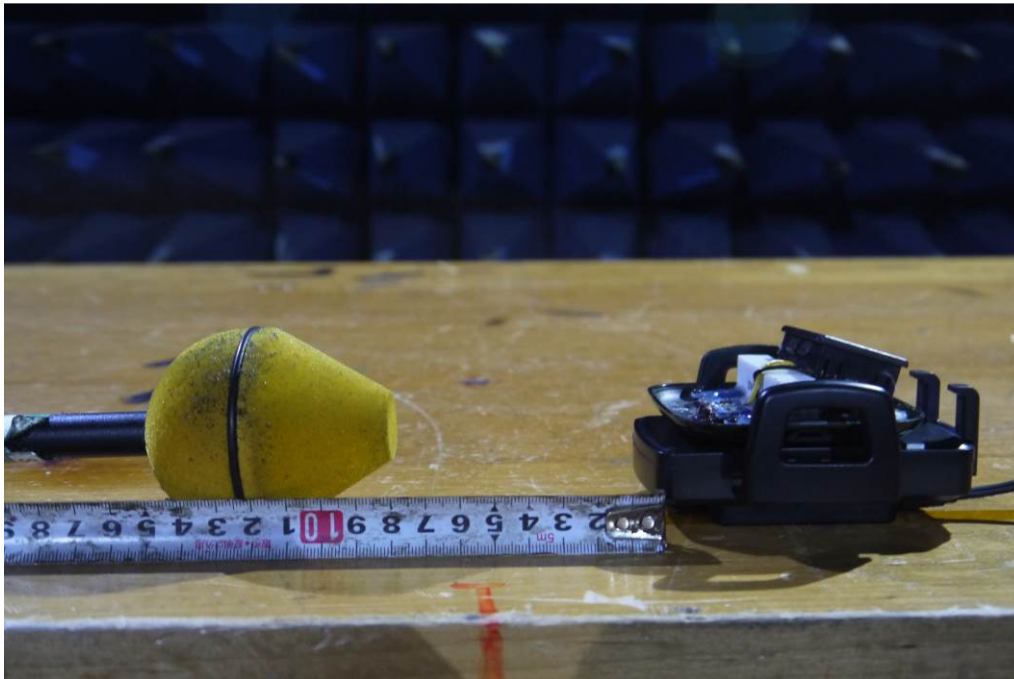
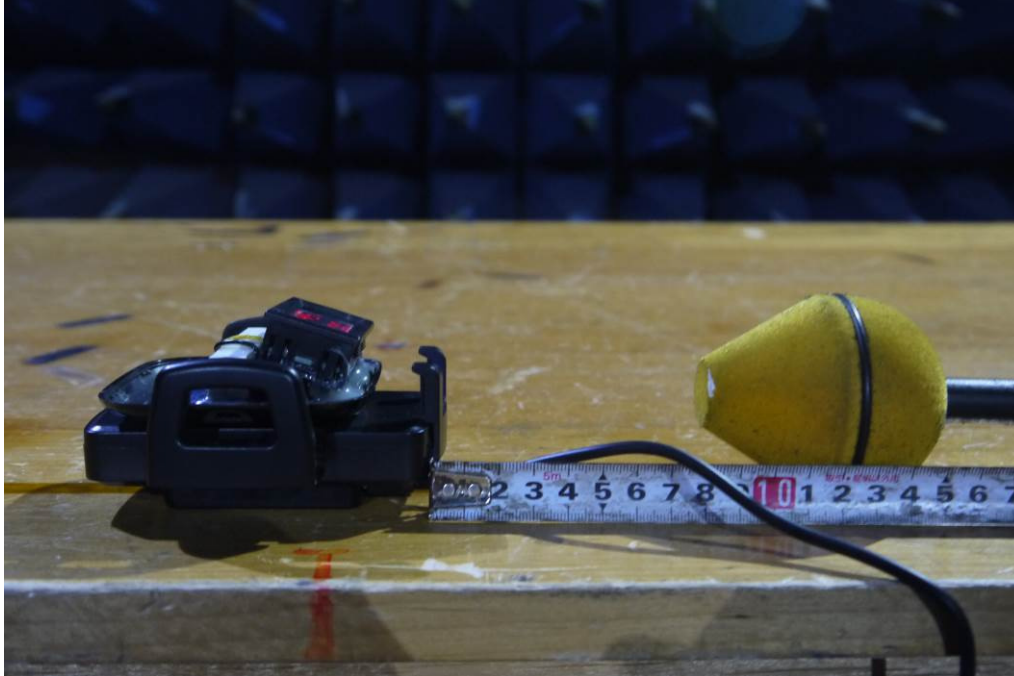
Electric Field and Magnetic Field\_6cm

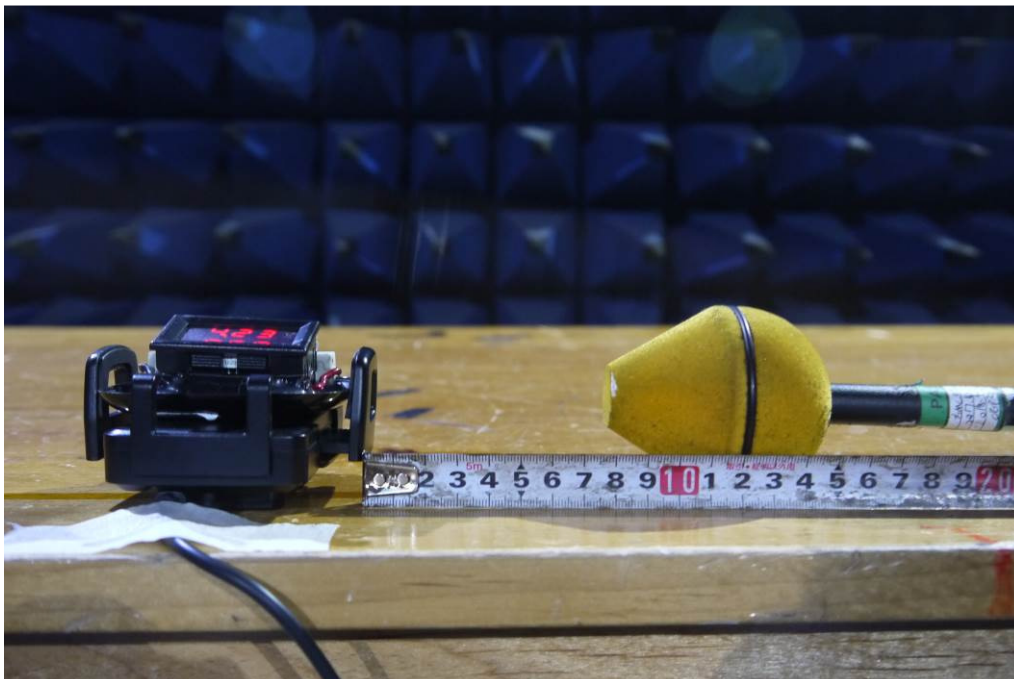
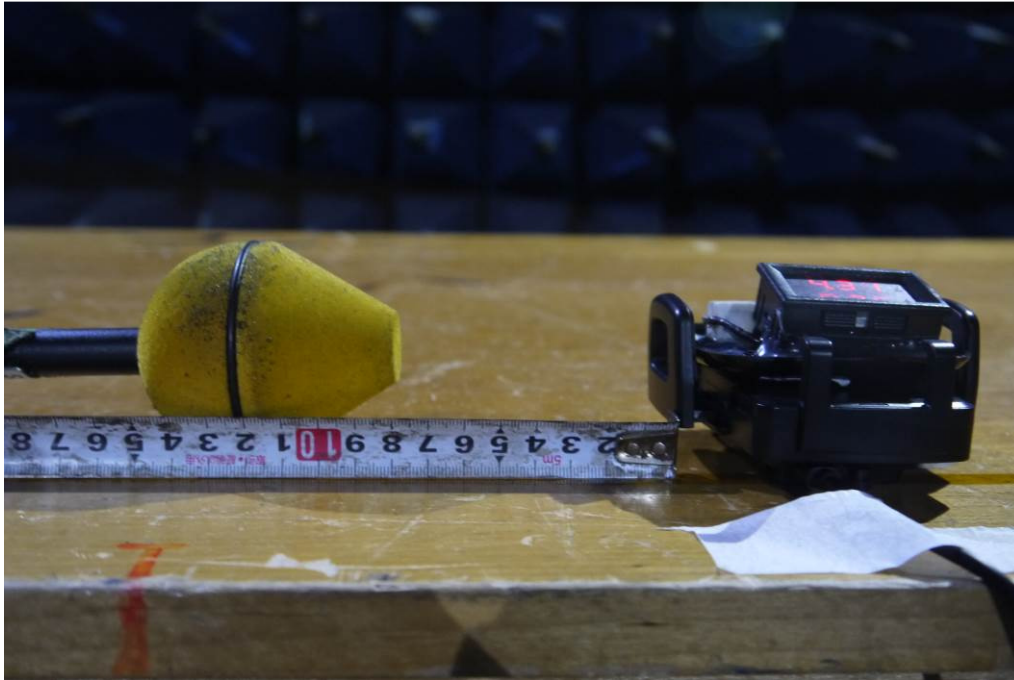


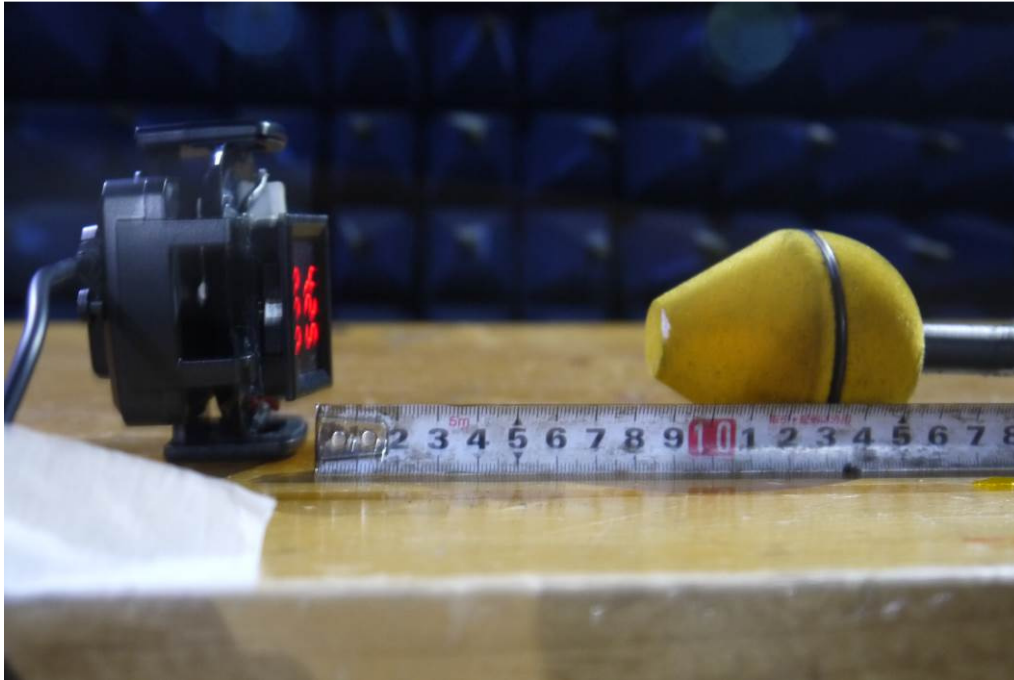




Electric Field and Magnetic Field\_8cm









Electric Field and Magnetic Field\_10cm

