



# MPE Test Report

Report No.: STS2601352H01

Issued for

Shenzhen Snapper Technology Co., Ltd

F4, Bldg E, #1 Tengfeng Road, Fenghuang 3rd industrial  
area, Fuyong, Baoan, Shenzhen, Guangdong, China

Product Name: Power Bank

Brand Name: N/A

Model Name: PS-H049

Series Model(s): 22013982, 7428, 17053

FCC ID: 2AP6D-PS-H049

Test Standard: FCC CFR 47 part 1, 1.1310

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST RESULT CERTIFICATION**

Applicant's Name .....: Shenzhen Snapper Technology Co., Ltd  
Address .....: F4, Bldg E, #1 Tengfeng Road, Fenghuang 3rd industrial area,  
Fuyong, Baoan, Shenzhen, Guangdong, China  
Manufacturer's Name .....: Shenzhen Snapper Technology Co., Ltd  
Address .....: F4, Bldg E, #1 Tengfeng Road, Fenghuang 3rd industrial area,  
Fuyong, Baoan, Shenzhen, Guangdong, China

**Product Description**

Product Name .....: Power Bank  
Brand Name .....: N/A  
Model Name .....: PS-H049  
Series Model(s) .....: 22013982, 7428, 17053  
Standards .....: FCC CFR 47 part 1, 1.1310  
Test Procedure .....: KDB 680106 D01 Wireless Power Transfer v04

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Date of Test .....:  
Date of receipt of test item .....: 09 Jan. 2026  
Date of performance of tests...: 09 Jan. 2026 to 30 Jan. 2026  
Date of Issue .....: 30 Jan. 2026  
Test Result .....: **Pass**

Testing Engineer :

*Aaron Bu*

(Aaron Bu)

Technical Manager :

*Skylar Li*

(Skylar Li)

Authorized Signatory :

*Bovey Yang*

(Bovey Yang)



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**Revision History**

| Rev. | Issue Date   | Report No.    | Effect Page | Contents      |
|------|--------------|---------------|-------------|---------------|
| 00   | 30 Jan. 2026 | STS2601352H01 | ALL         | Initial Issue |
|      |              |               |             |               |



## 1. SUMMARY OF TEST RESULTS

### 1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

### 1.2 MEASUREMENT UNCERTAINTY

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

| No. | Item    | Uncertainly         |
|-----|---------|---------------------|
| 1   | H-filed | $\pm 0.83\text{dB}$ |
| 2   | E-filed | $\pm 0.91\text{dB}$ |



## 1.3 GENERAL DESCRIPTION OF THE EUT

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name            | Power Bank                                                                                                                                                                                                                                                                                                                                                                                                 |
| Brand                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Model Number            | PS-H049                                                                                                                                                                                                                                                                                                                                                                                                    |
| Series Model(s)         | 22013982, 7428, 17053                                                                                                                                                                                                                                                                                                                                                                                      |
| Model Difference        | All models are identical except for the model names, the test model is PS-H049.                                                                                                                                                                                                                                                                                                                            |
| Equipemnt Category      | Non-ISM frequency                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna Type            | loop coil antenna                                                                                                                                                                                                                                                                                                                                                                                          |
| Operating frequency     | 115-205kHz; 360kHz; 300-350kHz                                                                                                                                                                                                                                                                                                                                                                             |
| Modulation Type         | ASK                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power Rating            | Type C Input: DC 5-12V, 18W Max<br>Type C Output: DC 5V/3A, 9V/2.22A, 12V/1.67A, PD20W Max<br>Wireless Output: 15W(Max)<br>Watch wireless Output: 2.5W (Max)<br>Battery: DC 3.85V<br>(Note: When the EUT is in charging mode, it only support wireless output 5W max. The frequency and the supported wireless output power are as follows:<br>115-205kHz: 5W/10W/15W<br>360kHz: 7.5W<br>300-350kHz: 2.5W) |
| Adapter                 | N/A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Battery                 | DC 3.85V                                                                                                                                                                                                                                                                                                                                                                                                   |
| Wireless charging power | 2.5W/5W/7.5W/10W/15W                                                                                                                                                                                                                                                                                                                                                                                       |
| Hardware version number | N/A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Software version number | N/A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Connecting I/O Port(s)  | Please refer to the Note 1.                                                                                                                                                                                                                                                                                                                                                                                |

## Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. Table for Filed Antenna

| Ant. | Brand | Model Name | Antenna Type | Connector | NOTE    |
|------|-------|------------|--------------|-----------|---------|
| 1    | N/A   | N/A        | Coil         | N/A       | Antenna |

The EUT antenna is Coil Antenna. No antenna other than that furnished by the responsible party shall be used with the device.



#### 1.4 DESCRIPTION OF THE TEST MODES

Equipment under test was operated during the measurement under the following conditions:

| Test Mode                                                                                 | Description                                                       |            |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|
| Mode 1                                                                                    | AC Adapter + EUT + Load(5W, 115-205kHz) (Battery Status: < 1%)    | Record     |
| Mode 2                                                                                    | AC Adapter + EUT + Load(5W, 115-205kHz) (Battery Status: < 50%)   | Record     |
| Mode 3                                                                                    | AC Adapter + EUT + Load(5W, 115-205kHz) (Battery Status: < 99%)   | Record     |
| Mode 4                                                                                    | AC Adapter + EUT + Load(2.5W, 300-350kHz) (Battery Status: < 1%)  | Record     |
| Mode 5                                                                                    | AC Adapter + EUT + Load(2.5W, 300-350kHz) (Battery Status: < 50%) | Record     |
| Mode 6                                                                                    | AC Adapter + EUT + Load(2.5W, 300-350kHz) (Battery Status: < 99%) | Record     |
| Mode 7                                                                                    | EUT + Load(15W, 115-205kHz) (Battery Status: < 1%)                | Record     |
| Mode 8                                                                                    | EUT + Load(15W, 115-205kHz) (Battery Status: < 50%)               | Pre-tested |
| Mode 9                                                                                    | EUT + Load(15W, 115-205kHz) (Battery Status: < 99%)               | Pre-tested |
| Mode 10                                                                                   | EUT + Load(7.5W, 360kHz) (Battery Status: < 1%)                   | Record     |
| Mode 11                                                                                   | EUT + Load(7.5W, 360kHz) (Battery Status: < 50%)                  | Pre-tested |
| Mode 12                                                                                   | EUT + Load(7.5W, 360kHz) (Battery Status: < 99%)                  | Pre-tested |
| Mode 13                                                                                   | EUT + Load(2.5W, 300-350kHz) (Battery Status: < 1%)               | Record     |
| Mode 14                                                                                   | EUT + Load(2.5W, 300-350kHz) (Battery Status: < 50%)              | Pre-tested |
| Mode 15                                                                                   | EUT + Load(2.5W, 300-350kHz) (Battery Status: < 99%)              | Pre-tested |
| Mode 16                                                                                   | Test the EUT in idle mode.                                        | Pre-tested |
| Note: All test modes were pre-tested, but we only recorded the worst case in this report. |                                                                   |            |



## 1.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

| Kind of Equipment                            | Manufacturer | Type No. | Serial No. | Last calibration | Calibrated until |
|----------------------------------------------|--------------|----------|------------|------------------|------------------|
| Electric and Magnetic field Probe - Analyzer | Narda        | EHP 200A | 180ZX10220 | 2025.02.22       | 2026.02.21       |

## 1.6 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

| Item | Equipment | Mfr/Brand | Model/Type No. | Note |
|------|-----------|-----------|----------------|------|
| E-1  | Adapter   | ZTC       | NB-A515A       | N/A  |
| E-2  | Load      | N/A       | N/A            | N/A  |
|      |           |           |                |      |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| C-1  | N/A           | N/A          | 0.8m   | N/A  |
|      |               |              |        |      |
|      |               |              |        |      |

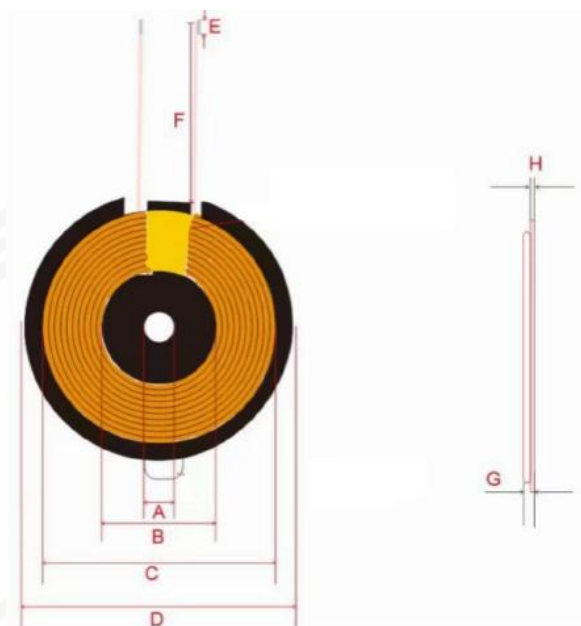
Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.

## 2. COIL SPECIFICATIONS

| Item                      | Parameter              |
|---------------------------|------------------------|
| Input inductance:         | L1: 6.8UH-7.2UH        |
| Material of enclosure(s): | Silk wrapped wire      |
| Number of turns:          | Transmitter 1: 12turns |

### 2.1 COIL SIZE



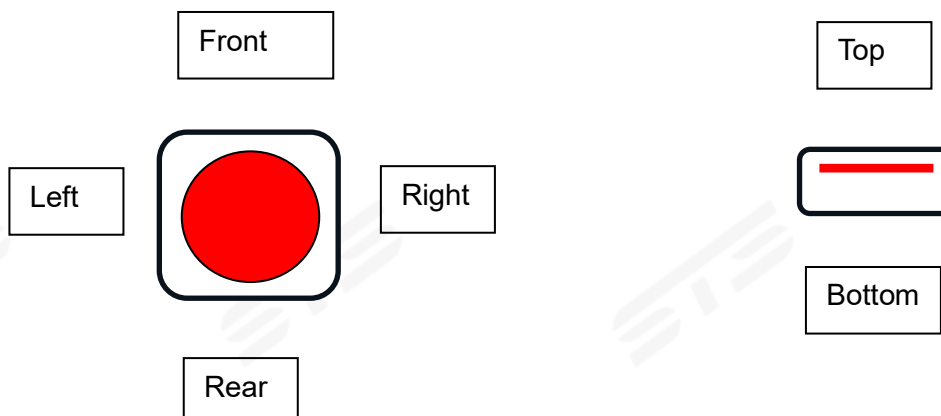
Unit: mm

| A     | B        | C    | D        | E   | F    | G       | F        |
|-------|----------|------|----------|-----|------|---------|----------|
| 8+0.2 | 13.5±0.5 | 39±1 | 41.5±0.5 | 2±1 | 60±2 | 1.5±0.2 | 0.6±0.05 |

### 2.2 LOCATION(S) – COIL TO THE OUTER SURFACE OF THE ENCLOSURE(S)

Unit: mm

| Front A | Rear B | Left C | Right D | Top E | Bottom F |
|---------|--------|--------|---------|-------|----------|
| 10      | 75     | 15     | 15      | 2     | 20       |





### 3. MAXIMUM PERMISSIBLE EXPOSURE

#### 3.1 MEASURING 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 §2.1091 RF exposure is calculated. According KDB680106 D01: KDB 680106 D01 Wireless Power Transfer v04.

#### 3.2 REQUIREMENTS

According to the item 3 of KDB 680106 D01v04:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

- (1) Mobile Device and Portable Device Configurations
- (2) Equipment Authorization Procedures for Devices Operating at Frequencies Below 4 MHz
- (3) The aggregate H-field strengths anywhere at or beyond 20 cm surrounding the device.

#### Limits

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limit of Maximum Permissible Exposure

| 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                                                                |

Note 1: f = frequency in MHz ; \*Plane-wave equivalent power density

Note 2: For the applicable limit, see FCC 1.1310, 680106 D01 RF Exposure Wireless Charging Apps v03

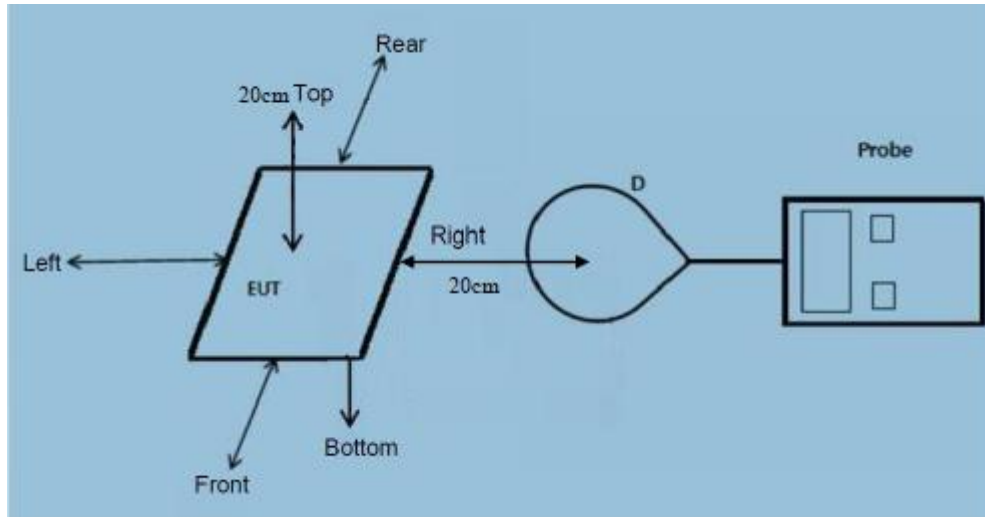
Note 3: Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

Note 4: The aggregate H-field strengths at 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

6) Use Biot-Savart Law, the value of 0 cm can be estimated through the results of 2 cm, according to the formula:



## ao'an District, Shenzhen, Guangdong, China



### 3.5 TEST RESULTS

The EUT does comply with item 3 KDB680106 D01 v04.



- (1) Power transfer frequency is less than 1 MHz.

Yes, The working frequency is 115kHz-205kHz, 360kHz and 300-350kHz.

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

Yes, The maximum output power is 15 watts.

- (3) A client device providing the maximum permitted load is placed in physical contact with the transmitter(i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)

Yes, The maximum permitted load is placed in physical contact with the transmitter.

- (4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions)

No.the EUT is Portable condition assessment.

- (5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, aredemonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. Thesemeasurements shall be taken along the principal axes of the device, with one axis oriented along thedirection of the estimated maximum field strength, and for three points per axis or until a 1/d (inversedistance from the emitter structure) field strength decay is observed. Symmetry considerations may be usedfor test reduction purposes. The device shall be operated in documented worst-case complianee scenarios(i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coilsor antennas) that by design can simultaneously transmit are energized at their nominal maximum power.

Yes, The H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit ; coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.

- (6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiatingstructures operating at maximum power at the same time. as per design conditions, if the design allows oneor more radiating structures to be powered at a higher level while other radiating structures are not poweredthen those cases must be tested as well, For instance, a device may use three RF coils powered at 5 W, orone coil powered at 15 W: in this case, both scenarios shall be tested.

Yes, For systems with single radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time.

### 3.6 MAXIMUM PERMISSIBLE EXPOSURE

For Mobile Mode: We measured the distance of 20cm, 22cm and 24cm, and recorded the test data of the worst 20cm.

115kHz-205kHz:

Mode 1:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 1%           | Top                 | 1.146         | 0.033         |
| 20cm          | < 1%           | Bottom              | 0.957         | 0.079         |
| 20cm          | < 1%           | Left                | 0.882         | 0.035         |
| 20cm          | < 1%           | Right               | 0.869         | 0.028         |
| 20cm          | < 1%           | Front               | 0.483         | 0.020         |
| 20cm          | < 1%           | Rear                | 0.441         | 0.028         |
| Limit         |                |                     | 614           | 1.63          |

Mode 2:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 50%          | Top                 | 1.059         | 0.010         |
| 20cm          | < 50%          | Bottom              | 0.961         | 0.089         |
| 20cm          | < 50%          | Left                | 0.834         | 0.015         |
| 20cm          | < 50%          | Right               | 0.834         | 0.014         |
| 20cm          | < 50%          | Front               | 0.423         | 0.017         |
| 20cm          | < 50%          | Rear                | 0.408         | 0.027         |
| Limit         |                |                     | 614           | 1.63          |

Mode 3:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 99%          | Top                 | 1.055         | 0.025         |
| 20cm          | < 99%          | Bottom              | 0.920         | 0.092         |
| 20cm          | < 99%          | Left                | 0.820         | 0.041         |
| 20cm          | < 99%          | Right               | 0.772         | 0.039         |
| 20cm          | < 99%          | Front               | 0.394         | 0.017         |
| 20cm          | < 99%          | Rear                | 0.379         | 0.036         |
| Limit         |                |                     | 614           | 1.63          |



300-350kHz:

Mode 4:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 1%           | Top                 | 1.143         | 0.023         |
| 20cm          | < 1%           | Bottom              | 0.949         | 0.081         |
| 20cm          | < 1%           | Left                | 0.885         | 0.033         |
| 20cm          | < 1%           | Right               | 0.872         | 0.026         |
| 20cm          | < 1%           | Front               | 0.478         | 0.015         |
| 20cm          | < 1%           | Rear                | 0.444         | 0.034         |
| Limit         |                |                     | 614           | 1.63          |

Mode 5:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 50%          | Top                 | 1.068         | 0.021         |
| 20cm          | < 50%          | Bottom              | 0.956         | 0.088         |
| 20cm          | < 50%          | Left                | 0.825         | 0.016         |
| 20cm          | < 50%          | Right               | 0.823         | 0.024         |
| 20cm          | < 50%          | Front               | 0.437         | 0.008         |
| 20cm          | < 50%          | Rear                | 0.413         | 0.022         |
| Limit         |                |                     | 614           | 1.63          |

Mode 6:

| MPE           |                |                     |               |               |
|---------------|----------------|---------------------|---------------|---------------|
| Test distance | Battery levels | Probe from EUT Side | E-field (V/m) | H-field (A/m) |
| 20cm          | < 99%          | Top                 | 1.060         | 0.012         |
| 20cm          | < 99%          | Bottom              | 0.909         | 0.103         |
| 20cm          | < 99%          | Left                | 0.812         | 0.037         |
| 20cm          | < 99%          | Right               | 0.770         | 0.045         |
| 20cm          | < 99%          | Front               | 0.394         | 0.016         |
| 20cm          | < 99%          | Rear                | 0.378         | 0.037         |
| Limit         |                |                     | 614           | 1.63          |

Note: All test modes were pre-tested, but we only recorded the worst case in this report.

## Mode 7

Note: <1%, 50%, >95% load all have been tested, only worse case Max load (<1%) is reported.  
H-Filed Strength at (distance 0cm to 20cm at 2cm iteration, i.e. at a distance of 20cm, 18cm, 16cm, ... 0cm, Which is between the edge of the charger and the edge of of probe,) surrounding the EUT (A/m)  
Battery < 1% (Worst case)

| 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) | Limit (A/m) |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|
| 6                  | 0.133                 | 0.104                 | 0.135                 | 0.136                 | 0.047                 | 0.057                 | 1.63        |
| 8                  | 0.127                 | 0.099                 | 0.126                 | 0.128                 | 0.021                 | 0.037                 |             |
| 10                 | 0.122                 | 0.084                 | 0.124                 | 0.125                 | 0.013                 | 0.024                 |             |
| 12                 | 0.116                 | 0.082                 | 0.115                 | 0.121                 | 0.013                 | 0.014                 |             |
| 14                 | 0.114                 | 0.063                 | 0.117                 | 0.119                 | 0.018                 | 0.013                 |             |
| 16                 | 0.108                 | 0.052                 | 0.111                 | 0.110                 | 0.010                 | 0.015                 |             |
| 18                 | 0.106                 | 0.058                 | 0.104                 | 0.110                 | 0.007                 | 0.015                 |             |
| 20                 | 0.104                 | 0.041                 | 0.095                 | 0.101                 | 0.014                 | 0.014                 |             |

Use the Biot-Sacart Law to estimated the results of 6cm through 8cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.136               | 0.159                 | 16.60%          | 30%    |
| B             | 0.100               | 0.111                 | 10.56%          | 30%    |
| C             | 0.133               | 0.153                 | 15.38%          | 30%    |
| D             | 0.133               | 0.160                 | 19.92%          | 30%    |
| E             | 0.047               | 0.045                 | -3.39%          | 30%    |
| F             | 0.057               | 0.068                 | 19.09%          | 30%    |

Use the Biot-Sacart Law to estimated the results of 8cm through 10cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.130               | 0.145                 | 11.66%          | 30%    |
| B             | 0.098               | 0.092                 | -5.68%          | 30%    |
| C             | 0.127               | 0.141                 | 10.78%          | 30%    |
| D             | 0.132               | 0.143                 | 8.36%           | 30%    |
| E             | 0.021               | 0.024                 | 15.28%          | 30%    |
| F             | 0.036               | 0.032                 | -10.56%         | 30%    |

As the model is sufficient, the value of 4cm can be estimated through the results of 6 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.174                 | 1.63         |
| B             | 0.115                 |              |
| C             | 0.168                 |              |
| D             | 0.168                 |              |
| E             | 0.127                 |              |
| F             | 0.126                 |              |



As the model is sufficient, the value of 2cm can be estimated through the results of 4 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.243                 | 1.63         |
| B             | 0.134                 |              |
| C             | 0.228                 |              |
| D             | 0.228                 |              |
| E             | 0.469                 |              |
| F             | 0.350                 |              |

As the model is sufficient, the value of 0cm can be estimated through the results of 2 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.399                 | 1.63         |
| B             | 0.163                 |              |
| C             | 0.355                 |              |
| D             | 0.355                 |              |
| E             | 1.404                 |              |
| F             | 1.322                 |              |

## Mode 10

Note: <1%, 50%, >95% load all have been tested, only worse case Max load (<1%) is reported.  
H-Filed Strength at (distance 0cm to 20cm at 2cm iteration, i.e. at a distance of 20cm, 18cm, 16cm, ... 0cm, Which is between the edge of the charger and the edge of of probe,) surrounding the EUT (A/m)

Battery < 1% (Worst case)

| 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) | Limit (A/m) |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|
| 6                  | 0.134                 | 0.103                 | 0.129                 | 0.132                 | 0.048                 | 0.058                 | 1.63        |
| 8                  | 0.126                 | 0.101                 | 0.123                 | 0.130                 | 0.022                 | 0.037                 |             |
| 10                 | 0.123                 | 0.090                 | 0.125                 | 0.126                 | 0.014                 | 0.019                 |             |
| 12                 | 0.121                 | 0.077                 | 0.114                 | 0.121                 | 0.018                 | 0.014                 |             |
| 14                 | 0.110                 | 0.068                 | 0.116                 | 0.117                 | 0.013                 | 0.013                 |             |
| 16                 | 0.114                 | 0.052                 | 0.109                 | 0.110                 | 0.016                 | 0.014                 |             |
| 18                 | 0.106                 | 0.054                 | 0.104                 | 0.106                 | 0.008                 | 0.012                 |             |
| 20                 | 0.108                 | 0.038                 | 0.104                 | 0.097                 | 0.007                 | 0.014                 |             |

Use the Biot-Sacart Law to estimated the results of 6cm through 8cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.134               | 0.154                 | 14.70%          | 30%    |
| B             | 0.103               | 0.114                 | 10.63%          | 30%    |
| C             | 0.129               | 0.149                 | 15.21%          | 30%    |
| D             | 0.132               | 0.157                 | 19.00%          | 30%    |
| E             | 0.048               | 0.048                 | -0.90%          | 30%    |
| F             | 0.058               | 0.070                 | 20.28%          | 30%    |

Use the Biot-Sacart Law to estimated the results of 8cm through 10cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.126               | 0.145                 | 15.21%          | 30%    |
| B             | 0.101               | 0.100                 | -0.77%          | 30%    |
| C             | 0.123               | 0.147                 | 19.15%          | 30%    |
| D             | 0.130               | 0.148                 | 13.63%          | 30%    |
| E             | 0.022               | 0.026                 | 18.50%          | 30%    |
| F             | 0.037               | 0.032                 | -12.98%         | 30%    |

As the model is sufficient, the value of 4cm can be estimated through the results of 6 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.172                 | 1.63         |
| B             | 0.118                 |              |
| C             | 0.163                 |              |
| D             | 0.167                 |              |
| E             | 0.130                 |              |
| F             | 0.128                 |              |



As the model is sufficient, the value of 2cm can be estimated through the results of 4 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.239                 | 1.63         |
| B             | 0.139                 |              |
| C             | 0.221                 |              |
| D             | 0.226                 |              |
| E             | 0.479                 |              |
| F             | 0.356                 |              |

As the model is sufficient, the value of 0cm can be estimated through the results of 2 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.393                 | 1.63         |
| B             | 0.167                 |              |
| C             | 0.344                 |              |
| D             | 0.352                 |              |
| E             | 1.434                 |              |
| F             | 1.346                 |              |

## Mode 13

Note: <1%, 50%, >95% load all have been tested, only worse case Max load (<1%) is reported.  
H-Filed Strength at (distance 0cm to 20cm at 2cm iteration, i.e. at a distance of 20cm, 18cm, 16cm, ... 0cm, Which is between the edge of the charger and the edge of of probe,) surrounding the EUT (A/m)

Battery < 1% (Worst case)

| 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) | Limit (A/m) |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|
| 6                  | 0.135                 | 0.104                 | 0.132                 | 0.131                 | 0.047                 | 0.057                 | 1.63        |
| 8                  | 0.128                 | 0.101                 | 0.122                 | 0.128                 | 0.021                 | 0.036                 |             |
| 10                 | 0.125                 | 0.088                 | 0.120                 | 0.122                 | 0.013                 | 0.019                 |             |
| 12                 | 0.120                 | 0.083                 | 0.120                 | 0.123                 | 0.016                 | 0.021                 |             |
| 14                 | 0.114                 | 0.064                 | 0.113                 | 0.116                 | 0.009                 | 0.012                 |             |
| 16                 | 0.113                 | 0.059                 | 0.112                 | 0.114                 | 0.009                 | 0.011                 |             |
| 18                 | 0.108                 | 0.050                 | 0.099                 | 0.111                 | 0.008                 | 0.012                 |             |
| 20                 | 0.108                 | 0.034                 | 0.096                 | 0.104                 | 0.014                 | 0.016                 |             |

Use the Biot-Sacart Law to estimated the results of 6cm through 8cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.135               | 0.156                 | 15.65%          | 30%    |
| B             | 0.104               | 0.114                 | 9.57%           | 30%    |
| C             | 0.132               | 0.147                 | 11.68%          | 30%    |
| D             | 0.131               | 0.155                 | 18.07%          | 30%    |
| E             | 0.047               | 0.045                 | -3.39%          | 30%    |
| F             | 0.057               | 0.068                 | 19.09%          | 30%    |

Use the Biot-Sacart Law to estimated the results of 8cm through 10cm

| Test position | Measure Value (A/m) | Estimated Value (A/m) | Agreement Ratio | Limits |
|---------------|---------------------|-----------------------|-----------------|--------|
| A             | 0.128               | 0.148                 | 15.25%          | 30%    |
| B             | 0.101               | 0.098                 | -2.97%          | 30%    |
| C             | 0.122               | 0.141                 | 15.32%          | 30%    |
| D             | 0.128               | 0.143                 | 11.75%          | 30%    |
| E             | 0.021               | 0.024                 | 15.28%          | 30%    |
| F             | 0.036               | 0.032                 | -10.56%         | 30%    |

As the model is sufficient, the value of 4cm can be estimated through the results of 6 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.173                 | 1.63         |
| B             | 0.119                 |              |
| C             | 0.167                 |              |
| D             | 0.165                 |              |
| E             | 0.127                 |              |
| F             | 0.126                 |              |



As the model is sufficient, the value of 2cm can be estimated through the results of 4 cm

| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.241                 | 1.63         |
| B             | 0.140                 |              |
| C             | 0.226                 |              |
| D             | 0.225                 |              |
| E             | 0.469                 |              |
| F             | 0.350                 |              |

As the model is sufficient, the value of 0cm can be estimated through the results of 2 cm

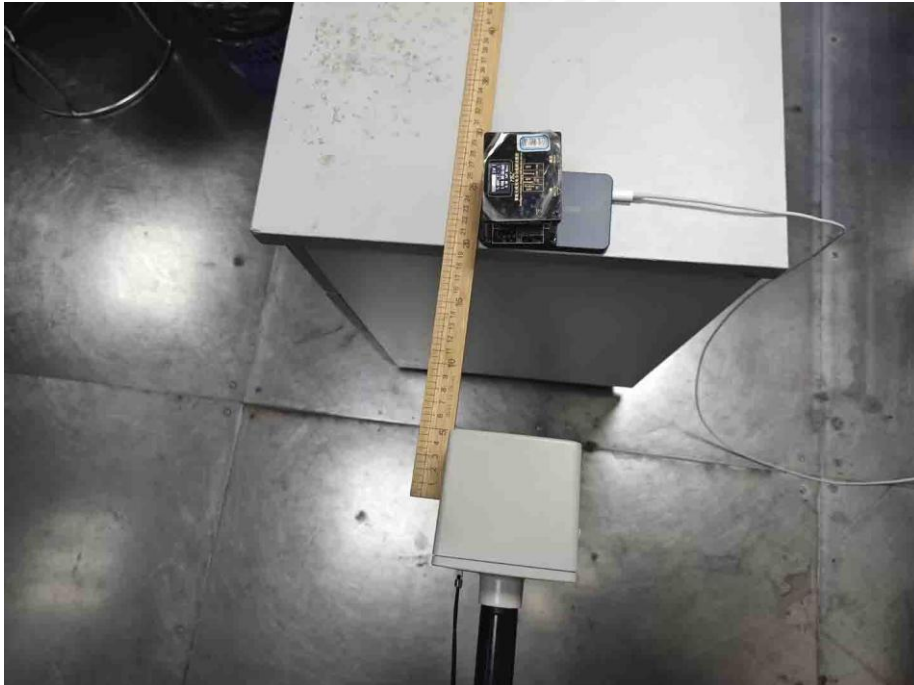
| Test position | Estimated Value (A/m) | Limits (A/m) |
|---------------|-----------------------|--------------|
| A             | 0.396                 | 1.63         |
| B             | 0.169                 |              |
| C             | 0.352                 |              |
| D             | 0.349                 |              |
| E             | 1.404                 |              |
| F             | 1.322                 |              |

## MPE Setup photo

0cm



20cm



※※※※※END OF THE REPORT※※※※※