



**FCC TEST REPORT**  
**FCC ID: 2AMNT-V2-BLK**

On Behalf of

**Curv Group LLC**

**Statik State Semi-Solid Power Bank**

**Model No.: PUP-0431-V2-BLK, PUP-0431-V2-ORG,  
PUP-0431-V2-WHT, PUP-0431-V2**

Prepared for : Curv Group LLC  
Address : 860 BONNIE LN ELK GROVE VILLAGE IL 60007 UNITED STATES

Prepared By : Shenzhen PSI Testing Co., Ltd.  
Address : 1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road,  
Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Report Number : psi2510023-C01-R11  
Date of Receipt : October 30, 2025  
Date of Test : October 30, 2025 – November 24, 2025  
Date of Report : November 26, 2025  
Version Number : V0

## TABLE OF CONTENTS

|      | <b>Description</b>                                           | <b>Page</b> |
|------|--------------------------------------------------------------|-------------|
| 1.   | Test Result Summary .....                                    | 5           |
| 2.   | EUT Description .....                                        | 6           |
| 2.1. | DESCRIPTION OF DEVICE (EUT) .....                            | 6           |
| 2.2. | ACCESSORIES OF DEVICE (EUT) .....                            | 7           |
| 2.3. | TESTED SUPPORTING SYSTEM DETAILS .....                       | 7           |
| 2.4. | BLOCK DIAGRAM OF CONNECTION BETWEEN EUT AND SIMULATORS ..... | 7           |
| 2.5. | DESCRIPTION OF TEST MODES .....                              | 8           |
| 2.6. | TEST CONDITIONS .....                                        | 8           |
| 2.7. | TEST FACILITY .....                                          | 9           |
| 2.8. | MEASUREMENT UNCERTAINTY .....                                | 9           |
| 3.   | Test Results and Measurement Data .....                      | 10          |
| 3.1. | RF EXPOSURE TEST .....                                       | 10          |
| 4.   | Photos of test setup .....                                   | 18          |

## TEST REPORT DECLARATION

Applicant : Curv Group LLC  
Address : 860 BONNIE LN ELK GROVE VILLAGE IL 60007 UNITED STATES  
Manufacturer : Curv Group LLC  
Address : 860 BONNIE LN ELK GROVE VILLAGE IL 60007 UNITED STATES  
EUT Description : Statik State Semi-Solid Power Bank  
(A) Model No. : PUP-0431-V2-BLK, PUP-0431-V2-ORG,  
PUP-0431-V2-WHT, PUP-0431-V2  
(B) Trademark : STATIK

Measurement Standard Used:

**FCC CFR 47 PART 1, FCC CFR 47 part1, 1.1307(b), 1.1310, 2.1093**

**KDB 680106 D01 Wireless Power Transfer v04**

**Test Result: PASS**

The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness test. Also, this report shows that the EUT is technically compliant with the KDB 680106 D01 requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature).....:

Jensen Wang  
Test Engineer



Approved by (name + signature).....:

Simple Guan  
Project Manager



Date of issue.....:

November 26, 2025

**Revision History**

| Revision | Issue Date        | Revisions              | Revised By  |
|----------|-------------------|------------------------|-------------|
| V0       | November 26, 2025 | Initial released Issue | Jensen Wang |

## 1. Test Result Summary

| Requirement | CFR 47 Section                                  | Result |
|-------------|-------------------------------------------------|--------|
| RF EXPOSURE | §1.1307(b)(1), §1.1310, §2.1093 & KDB680106 D01 | PASS   |

**Note:**

1. *PASS: Test item meets the requirement.*
2. *Fail: Test item does not meet the requirement.*
3. *N/A: Test case does not apply to the test object.*
4. *The test result judgment is decided by the limit of test standard.*
5. Decision rules for the conclusion of this test report: decision by actual test data without considering measurement uncertainty.

## 2. EUT Description

### 2.1. Description of Device (EUT)

|                     |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUT Name            | : Statik State Semi-Solid Power Bank                                                                                                                                                                                                      |
| Model No.           | : PUP-0431-V2-BLK, PUP-0431-V2-ORG, PUP-0431-V2-WHT, PUP-0431-V2                                                                                                                                                                          |
| DIFF.               | : There is no difference except the name of the model. All tests are made with the PUP-0431-V2-BLK model.                                                                                                                                 |
| Power supply        | : Type-C Input: DC 5V=3A/9V=2A (USB-C PD 18W)<br>Wireless Output(Phone): 15W,10W, 7.5W, 5W<br>Output1: DC 5V=3A/9V=2.22A/12V=1.67A (USB-C PD 20W)                                                                                         |
| Radio Technology    | : Wireless power transmission systems                                                                                                                                                                                                     |
| Operation frequency | : WPT(Phone): 115-205KHz                                                                                                                                                                                                                  |
| Modulation          | : MSK                                                                                                                                                                                                                                     |
| Antenna Type        | : Coil Antenna                                                                                                                                                                                                                            |
| Software version    | : V1.0                                                                                                                                                                                                                                    |
| Hardware version    | : V1.0                                                                                                                                                                                                                                    |
| Note                | : 1. Antenna information is provided by applicant.<br>Testing lab is not responsible for the accuracy of the information.<br>2. When the product is only used for wireless magnetic charging of mobile phones, it is in a portable state. |

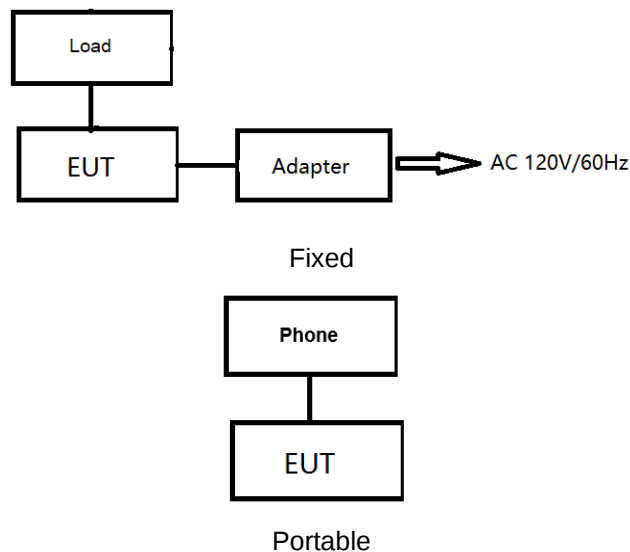
## 2.2. Accessories of Device (EUT)

|                |   |     |
|----------------|---|-----|
| Accessories    | : | N/A |
| Manufacturer   | : | N/A |
| Model          | : | N/A |
| specifications | : | N/A |

## 2.3. Tested Supporting System Details

| No. | Description   | Manufacturer | Model     | Serial Number | Certification |
|-----|---------------|--------------|-----------|---------------|---------------|
| 1   | Load          | N/A          | N/A       | N/A           | N/A           |
| 2   | USB cable     | UGREEN       | 1M        | N/A           | N/A           |
| 3   | mobile phones | XIAOMI       | XIAOMI 15 | N/A           | N/A           |
| 4   | Adapter       | Baseus       | CCXFK65CC | N/A           | N/A           |
| 5   | N/A           | N/A          | N/A       | N/A           | N/A           |
| 6   | N/A           | N/A          | N/A       | N/A           | N/A           |

## 2.4. Block Diagram of connection between EUT and simulators



## 2.5. Equipment Approval Considerations

The EUT does comply with KDB 680106 D01 as follow table.

| Requirements of KDB 680106 D01                                                      | Yes/<br>No | Description                                             |
|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------|
| Mobile Device and Portable Device Configurations                                    | Yes        | Portable Device                                         |
| Equipment Authorization Procedures for Devices Operating at Frequencies Below 4 MHz | Yes        | The device operate in the frequency range 115KHz~205KHz |

## 2.6. Description of Test Modes

Fixed type:

| Mode | Test mode description                   |
|------|-----------------------------------------|
| ※1   | Charging + Wireless Output(Phone): 15W  |
| 2    | Charging + Wireless Output(Phone): 10W  |
| 3    | Charging + Wireless Output(Phone): 7.5W |
| 4    | Charging + Wireless Output(Phone): 5W   |
| 5    | Wireless Output(Phone): 15W             |
| 6    | Wireless Output(Phone): 10W             |
| 7    | Wireless Output(Phone): 7.5W            |
| 8    | Wireless Output(Phone): 5W              |

Note: The client operating modes have been tested and only display data for the worst-case scenario Mode 1 of the client battery status.

Portable type:

| Mode | Test mode description                     |
|------|-------------------------------------------|
| ※1   | Phone charging port (Battery Status:≤1%)  |
| 2    | Phone charging port (Battery Status:50%)  |
| 3    | Phone charging port (Battery Status:≥98%) |
| 4    | No Load                                   |

Note: The client operating modes (client battery status 1%, 50%, 99%) have been tested and only display data for the worst-case scenario Mode 1 of the client battery status.

## 2.7. Test Conditions

| Items              | Required  | Actual |
|--------------------|-----------|--------|
| Temperature range: | 15-35°C   | 26°C   |
| Humidity range:    | 25-75%    | 54%    |
| Pressure range:    | 86-106kPa | 101kPa |

## 2.8. Test Facility

Shenzhen PSI Testing Co., Ltd.

1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

September 13, 2023 File on Federal Communication Commission

Registration Number: 916281

## 2.9. Measurement Uncertainty

(95% confidence levels,  $k=2$ )

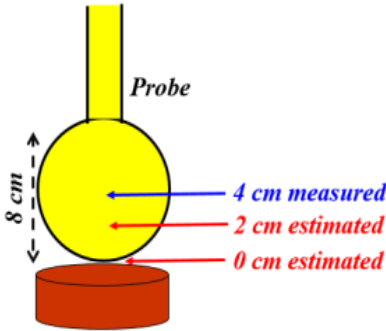
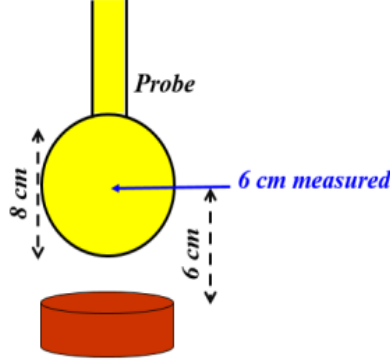
| Item                                          | Uncertainty |
|-----------------------------------------------|-------------|
| Uncertainty for H-Field                       | 2.39dB      |
| Uncertainty for E-Field                       | 2.45dB      |
| Uncertainty for conducted RF Power            | 0.65dB      |
| Uncertainty for temperature                   | 0.2°C       |
| Uncertainty for humidity                      | 1%          |
| Uncertainty for DC and low frequency voltages | 0.06%       |

### 3. Test Results and Measurement Data

#### 3.1. RF EXPOSURE TEST

##### 3.1.1. Test Specification

| Test Requirement:                                       | FCC Rules and Regulations KDB680106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                     |                               |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|-------------------------------|-------------------------------------|--------------------------|--------------------------------------------------|--|--|--|--|---------|-----|------|--------|---|--------|--------|--------|------------------------|---|--------|------|-------|-----|---|----------|---|---|-------|---|--------------|---|---|---|---|---------------------------------------------------------|--|--|--|--|----------|-----|------|--------|----|---------|-------|--------|------------------------|----|--------|------|-------|-----|----|----------|---|---|--------|----|--------------|---|---|-----|----|
| Test Method:                                            | According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01: KDB 680106 D01 Wireless Power Transfer v04.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                     |                               |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
| Limits:                                                 | <p>According to the item 3 of KDB 680106 D01v04:<br/>Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.</p> <p>(1) Mobile Device and Portable Device Configurations<br/>(2) Equipment Authorization Procedures for Devices Operating at Frequencies Below 4 MHz<br/>(3) The aggregate H-field strengths anywhere at (0/2/4/6/8/10/12/14/16/18/20cm) surrounding the device six surfaces.</p> <p>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)<br/>Limits for Maximum Permissible Exposure (MPE)</p> <table><thead><tr><th>Frequency range (MHz)</th><th>Electric field strength (V/m)</th><th>Magnetic field strength (A/m)</th><th>Power density (mW/cm<sup>2</sup>)</th><th>Averaging time (minutes)</th></tr></thead><tbody><tr><td colspan="5">(A) Limits for Occupational/Controlled Exposures</td></tr><tr><td>0.3-3.0</td><td>614</td><td>1.63</td><td>*(100)</td><td>6</td></tr><tr><td>3.0-30</td><td>1842/f</td><td>4.89/f</td><td>*(900/f<sup>2</sup>)</td><td>6</td></tr><tr><td>30-300</td><td>61.4</td><td>0.163</td><td>1.0</td><td>6</td></tr><tr><td>300-1500</td><td>/</td><td>/</td><td>f/300</td><td>6</td></tr><tr><td>1500-100,000</td><td>/</td><td>/</td><td>5</td><td>6</td></tr><tr><td colspan="5">(B) Limits for General Population/Uncontrolled Exposure</td></tr><tr><td>0.3-1.34</td><td>614</td><td>1.63</td><td>*(100)</td><td>30</td></tr><tr><td>1.34-30</td><td>824/f</td><td>2.19/f</td><td>*(180/f<sup>2</sup>)</td><td>30</td></tr><tr><td>30-300</td><td>27.5</td><td>0.073</td><td>0.2</td><td>30</td></tr><tr><td>300-1500</td><td>/</td><td>/</td><td>f/1500</td><td>30</td></tr><tr><td>1500-100,000</td><td>/</td><td>/</td><td>1.0</td><td>30</td></tr></tbody></table> <p>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).</p> | Frequency range (MHz)         | Electric field strength (V/m)       | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) | (A) Limits for Occupational/Controlled Exposures |  |  |  |  | 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) Limits for General Population/Uncontrolled Exposure |  |  |  |  | 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 |
| Frequency range (MHz)                                   | Electric field strength (V/m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes)      |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
| (A) Limits for Occupational/Controlled Exposures        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                     |                               |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
| 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) Limits for General Population/Uncontrolled Exposure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                     |                               |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
| 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                            |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |
| Test Setup:                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                     |                               |                                     |                          |                                                  |  |  |  |  |         |     |      |        |   |        |        |        |                        |   |        |      |       |     |   |          |   |   |       |   |              |   |   |   |   |                                                         |  |  |  |  |          |     |      |        |    |         |       |        |                        |    |        |      |       |     |    |          |   |   |        |    |              |   |   |     |    |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | <p style="text-align: center;">Figure 1</p>  <p style="text-align: center;">Figure 2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Test Mode:</b>      | <p>Communication Mode<br/>(Mobile phone will be charged at zero charge, intermediate charge, and full charge.)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Test Procedure:</b> | <ol style="list-style-type: none"> <li>1) The RF exposure test was performed in anechoic chamber.</li> <li>2) The measurement probe was placed at test distance (0/2/4/6/8/10/12/14/16/18/20cm) which is between the edge of the charger and the geometric center of probe.</li> <li>3) The highest emission level was recorded and compared with limit as soon as measurement of each point (A, B, C, D, E, F) were completed.</li> <li>4) The EUT was measured according to the dictates of KDB 680106 D01v04.</li> <li>5) Large size probes may prevent the measurement of E- and/or H-fields near the surface of the radiating structure (e.g., a WPT source coil), as in the example shown in Figure 2. These estimates shall include points spaced no more than 2 cm from each other. Thus, in the example of Figure 2, at least the estimates at 0 cm and 2 cm are required, while only one point would not be sufficient. In addition, the model needs to be validated through the probe measurements for the two closest points to the device surface, and with 2-cm increments, as indicated in Figure 2. In that example, the same model must also be applied to the 4 cm and 6 cm positions, and then compared with the measured data, for validation purposes. The validation is considered sufficient if a 30% agreement between the model and the (E- and/or H-field) probe measurements is demonstrated. If such a level of agreement cannot be shown, a more accurate model (and/or a smaller probe) shall be used.</li> </ol> |
| <b>Test Result:</b>    | PASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 3.1.2. Test Instruments

| Item | Equipment                   | Manufacturer | Model No.        | Serial No. | Last Cal.  | Cal. Interval |
|------|-----------------------------|--------------|------------------|------------|------------|---------------|
| 1    | Exposure Level Tester       | narda        | ELT-400          | O-0729     | 2025.05.22 | 1 Year        |
| 2    | Magnetic field probe 100cm2 | narda        | ELT probe 100cm2 | M-2116     | 2025.05.22 | 1 Year        |

Note: The probe radius is 8 cm

### 3.1.3. Test data

**Portable type: Phone Magnet Wireless=15W**

The probe radius is 8 cm.

E-Field Strength at 8/10/12/14/16/18/20cm from the edges surrounding the EUT

| Charging Battery Level | Measured Distance (cm) | Measured E-Field Strength Values (V/m) |                 |                 |                 |                 |                 | FCC E-Field Strength Limits (V/m) |
|------------------------|------------------------|----------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------|
|                        |                        | Test Position A                        | Test Position B | Test Position C | Test Position D | Test Position E | Test Position F |                                   |
| 99%                    | 8                      | 16.630                                 | 18.906          | 18.865          | 23.146          | 24.975          | 24.178          | 614                               |
| 50%                    | 8                      | 17.537                                 | 18.955          | 19.616          | 23.993          | 26.142          | 24.873          | 614                               |
| 1%                     | 8                      | 18.095                                 | 19.713          | 20.343          | 24.287          | 27.104          | 25.749          | 614                               |
| 99%                    | 10                     | 15.147                                 | 16.941          | 17.475          | 20.795          | 22.509          | 21.613          | 614                               |
| 50%                    | 10                     | 16.014                                 | 17.324          | 17.737          | 21.222          | 23.096          | 22.349          | 614                               |
| 1%                     | 10                     | 16.515                                 | 17.867          | 18.545          | 21.859          | 24.675          | 23.518          | 614                               |
| 99%                    | 12                     | 13.463                                 | 15.400          | 15.639          | 18.360          | 19.449          | 18.510          | 614                               |
| 50%                    | 12                     | 14.644                                 | 15.566          | 16.379          | 19.056          | 20.757          | 19.704          | 614                               |
| 1%                     | 12                     | 14.929                                 | 16.330          | 17.068          | 19.259          | 21.932          | 20.791          | 614                               |
| 99%                    | 14                     | 12.345                                 | 13.710          | 14.069          | 15.904          | 16.914          | 15.948          | 614                               |
| 50%                    | 14                     | 13.093                                 | 13.944          | 14.624          | 16.403          | 17.571          | 17.024          | 614                               |
| 1%                     | 14                     | 13.904                                 | 14.527          | 15.298          | 17.233          | 19.082          | 18.090          | 614                               |
| 99%                    | 16                     | 10.848                                 | 11.489          | 12.333          | 13.304          | 14.138          | 13.537          | 614                               |
| 50%                    | 16                     | 12.013                                 | 12.425          | 12.636          | 13.801          | 14.998          | 14.256          | 614                               |
| 1%                     | 16                     | 12.466                                 | 12.870          | 13.651          | 14.295          | 16.285          | 15.588          | 614                               |
| 99%                    | 18                     | 9.442                                  | 10.047          | 10.327          | 11.151          | 11.366          | 10.756          | 614                               |
| 50%                    | 18                     | 10.663                                 | 10.480          | 10.939          | 11.560          | 12.447          | 11.726          | 614                               |
| 1%                     | 18                     | 11.074                                 | 10.843          | 12.020          | 11.970          | 13.761          | 12.579          | 614                               |
| 99%                    | 20                     | 8.428                                  | 8.267           | 8.885           | 8.698           | 8.461           | 8.254           | 614                               |
| 50%                    | 20                     | 9.079                                  | 8.892           | 9.475           | 8.881           | 9.416           | 9.013           | 614                               |
| 1%                     | 20                     | 9.508                                  | 9.392           | 9.862           | 9.832           | 11.083          | 10.335          | 614                               |

Note: V/m= A/m \*377

H-Field Strength at 8/10/12/14/16/18/20cm from the edges surrounding the EUT

| Charging Battery Level | Measured Distance (cm) | Unit | Measured H-Field Strength Values (A/m) |                 |                 |                 |                 |                 | FCC H-Field Strength Limits (A/m) |
|------------------------|------------------------|------|----------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------|
|                        |                        |      | Test Position A                        | Test Position B | Test Position C | Test Position D | Test Position E | Test Position F |                                   |
| 99%                    | 8                      | uT   | 0.273                                  | 0.150           | 0.170           | 0.077           | 0.281           | 0.184           | --                                |
| 99%                    | 8                      | A/m  | 0.030                                  | 0.167           | 0.075           | 0.133           | 0.020           | 0.118           | 1.63                              |
| 50%                    | 8                      | uT   | 0.155                                  | 0.096           | 0.126           | 0.010           | 0.243           | 0.164           | --                                |
| 50%                    | 8                      | A/m  | 0.130                                  | 0.234           | 0.023           | 0.243           | 0.025           | 0.078           | 1.63                              |
| 1%                     | 8                      | uT   | 0.153                                  | 0.099           | 0.312           | 0.151           | 0.283           | 0.157           | --                                |
| 1%                     | 8                      | A/m  | 0.171                                  | 0.100           | 0.077           | 0.307           | 0.001           | 0.078           | 1.63                              |
| 99%                    | 10                     | uT   | 0.094                                  | 0.028           | 0.207           | 0.160           | 0.119           | 0.317           | --                                |
| 99%                    | 10                     | A/m  | 0.261                                  | 0.049           | 0.243           | 0.294           | 0.171           | 0.011           | 1.63                              |
| 50%                    | 10                     | uT   | 0.241                                  | 0.061           | 0.134           | 0.231           | 0.054           | 0.117           | --                                |
| 50%                    | 10                     | A/m  | 0.198                                  | 0.010           | 0.220           | 0.128           | 0.269           | 0.136           | 1.63                              |
| 1%                     | 10                     | uT   | 0.152                                  | 0.198           | 0.063           | 0.260           | 0.094           | 0.295           | --                                |
| 1%                     | 10                     | A/m  | 0.131                                  | 0.109           | 0.193           | 0.228           | 0.129           | 0.092           | 1.63                              |
| 99%                    | 12                     | uT   | 0.248                                  | 0.105           | 0.032           | 0.169           | 0.308           | 0.073           | --                                |
| 99%                    | 12                     | A/m  | 0.097                                  | 0.214           | 0.035           | 0.070           | 0.109           | 0.000           | 1.63                              |
| 50%                    | 12                     | uT   | 0.186                                  | 0.144           | 0.090           | 0.059           | 0.119           | 0.048           | --                                |
| 50%                    | 12                     | A/m  | 0.109                                  | 0.061           | 0.075           | 0.079           | 0.291           | 0.008           | 1.63                              |
| 1%                     | 12                     | uT   | 0.172                                  | 0.058           | 0.256           | 0.071           | 0.058           | 0.287           | --                                |
| 1%                     | 12                     | A/m  | 0.040                                  | 0.012           | 0.070           | 0.297           | 0.004           | 0.012           | 1.63                              |
| 99%                    | 14                     | uT   | 0.040                                  | 0.065           | 0.066           | 0.252           | 0.004           | 0.285           | --                                |
| 99%                    | 14                     | A/m  | 0.094                                  | 0.243           | 0.217           | 0.162           | 0.047           | 0.137           | 1.63                              |
| 50%                    | 14                     | uT   | 0.244                                  | 0.024           | 0.073           | 0.138           | 0.210           | 0.283           | --                                |
| 50%                    | 14                     | A/m  | 0.115                                  | 0.066           | 0.170           | 0.097           | 0.015           | 0.066           | 1.63                              |
| 1%                     | 14                     | uT   | 0.011                                  | 0.032           | 0.072           | 0.001           | 0.183           | 0.178           | --                                |
| 1%                     | 14                     | A/m  | 0.043                                  | 0.031           | 0.058           | 0.130           | 0.198           | 0.217           | 1.63                              |
| 99%                    | 16                     | uT   | 0.003                                  | 0.197           | 0.044           | 0.159           | 0.269           | 0.079           | --                                |
| 99%                    | 16                     | A/m  | 0.219                                  | 0.209           | 0.118           | 0.053           | 0.032           | 0.014           | 1.63                              |
| 50%                    | 16                     | uT   | 0.085                                  | 0.126           | 0.131           | 0.180           | 0.221           | 0.164           | --                                |
| 50%                    | 16                     | A/m  | 0.181                                  | 0.061           | 0.220           | 0.018           | 0.089           | 0.049           | 1.63                              |
| 1%                     | 16                     | uT   | 0.205                                  | 0.071           | 0.138           | 0.032           | 0.230           | 0.087           | --                                |
| 1%                     | 16                     | A/m  | 0.108                                  | 0.179           | 0.271           | 0.133           | 0.004           | 0.131           | 1.63                              |
| 99%                    | 18                     | uT   | 0.211                                  | 0.147           | 0.183           | 0.178           | 0.201           | 0.187           | --                                |
| 99%                    | 18                     | A/m  | 0.208                                  | 0.213           | 0.212           | 0.044           | 0.038           | 0.022           | 1.63                              |
| 50%                    | 18                     | uT   | 0.133                                  | 0.084           | 0.117           | 0.198           | 0.182           | 0.150           | --                                |
| 50%                    | 18                     | A/m  | 0.205                                  | 0.058           | 0.082           | 0.175           | 0.231           | 0.186           | 1.63                              |
| 1%                     | 18                     | uT   | 0.116                                  | 0.086           | 0.130           | 0.050           | 0.052           | 0.277           | --                                |
| 1%                     | 18                     | A/m  | 0.134                                  | 0.217           | 0.076           | 0.198           | 0.097           | 0.213           | 1.63                              |
| 99%                    | 20                     | uT   | 0.193                                  | 0.083           | 0.135           | 0.156           | 0.138           | 0.128           | --                                |
| 99%                    | 20                     | A/m  | 0.212                                  | 0.217           | 0.261           | 0.219           | 0.220           | 0.196           | 1.63                              |
| 50%                    | 20                     | uT   | 0.053                                  | 0.204           | 0.097           | 0.267           | 0.220           | 0.011           | --                                |
| 50%                    | 20                     | A/m  | 0.003                                  | 0.173           | 0.070           | 0.082           | 0.172           | 0.063           | 1.63                              |

|    |    |     |       |       |       |       |       |       |      |
|----|----|-----|-------|-------|-------|-------|-------|-------|------|
| 1% | 20 | uT  | 0.114 | 0.179 | 0.210 | 0.102 | 0.195 | 0.028 | --   |
| 1% | 20 | A/m | 0.032 | 0.028 | 0.072 | 0.178 | 0.096 | 0.075 | 1.63 |

Note:  $A/m = uT/1.25$

#### According to the formula:

The formula for the magnetic field strength at a distance  $r$  from the coil is

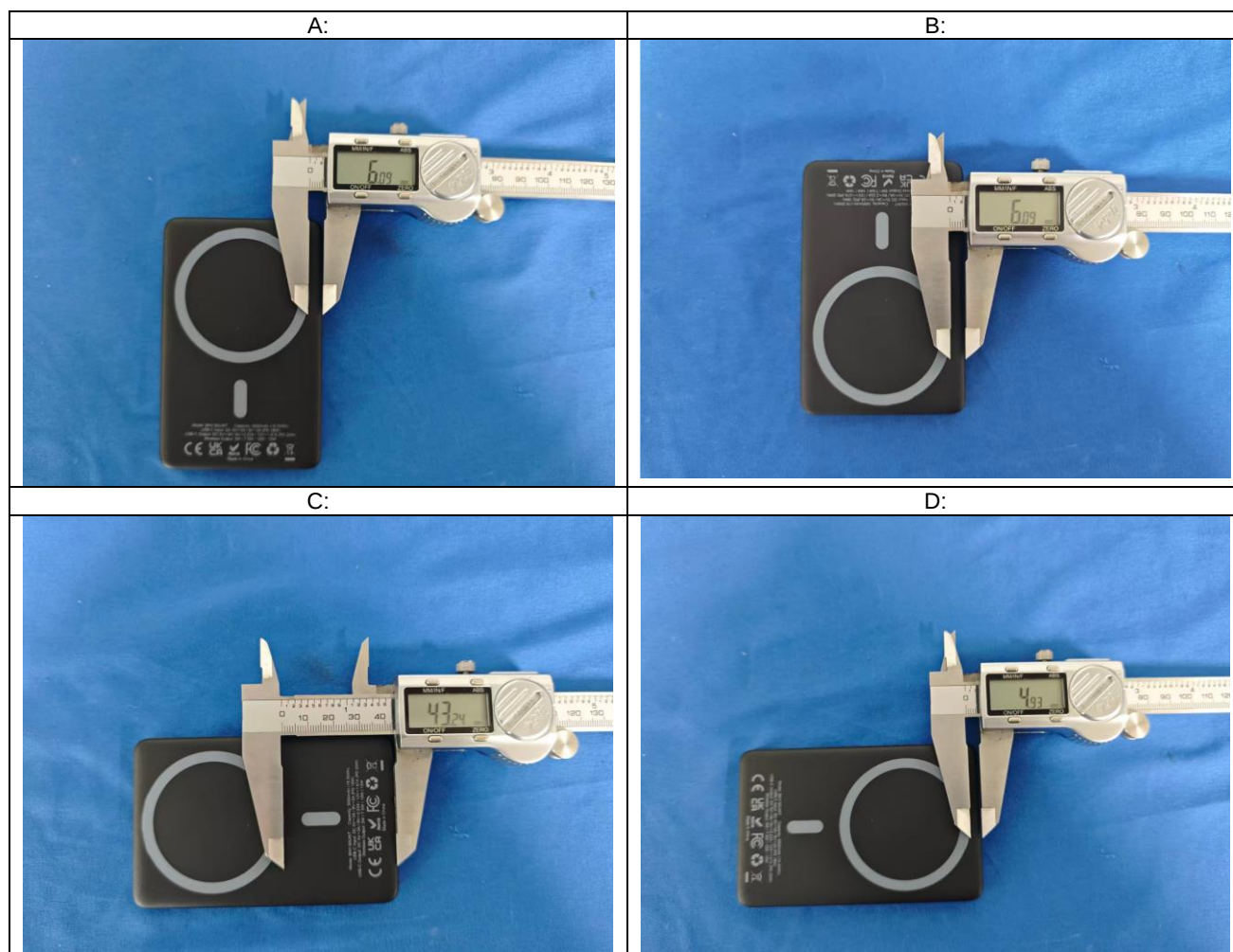
$$H = I/(2\pi r) \cdot \mu$$

$H$  is A/m

$I$  is the current intensity

$\mu$  is the permeability, and its value depends on the medium.

The other parameters are fixed, so  $H$  is inversely proportional to  $r$ .



ABCDEF direction The actual distance(r) to the antenna coil.

| measured distance(cm) | Actual distance r to the antenna (cm) |                 |                 |                 |                 |                 |
|-----------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                       | Test Position A                       | Test Position B | Test Position C | Test Position D | Test Position E | Test Position F |
| 20                    | 24.611                                | 24.603          | 21.326          | 21.342          | 20.672          | 22.943          |
| 18                    | 22.675                                | 22.852          | 19.262          | 19.101          | 18.772          | 20.788          |
| 16                    | 20.695                                | 20.600          | 17.047          | 17.280          | 17.082          | 18.748          |
| 14                    | 18.934                                | 19.023          | 15.331          | 15.252          | 14.721          | 17.013          |
| 12                    | 16.747                                | 16.994          | 13.046          | 13.147          | 12.815          | 14.967          |
| 10                    | 14.720                                | 14.970          | 11.093          | 10.977          | 10.877          | 12.823          |
| 8                     | 12.798                                | 12.572          | 9.028           | 9.298           | 8.780           | 11.147          |
| 6                     | 11.047                                | 10.722          | 6.916           | 7.254           | 6.631           | 9.044           |
| 4                     | 8.589                                 | 9.009           | 4.903           | 4.969           | 4.660           | 6.992           |
| 2                     | 6.604                                 | 6.869           | 3.059           | 2.964           | 2.851           | 4.708           |
| 0                     | 4.580                                 | 4.940           | 0.969           | 0.945           | 0.748           | 2.835           |

Note: The phone is 8.35mm thick.

The result is calculated by the above formula:

H-Field Strength at 0/2/4/6cm from the edges surrounding the EUT

| Charging Battery Level | Measured Distance (cm) | Unit | Measured H-Field Strength Values (A/m) |                 |                 |                 |                 |                 | FCC H-Field Strength Limits (A/m) |
|------------------------|------------------------|------|----------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------|
|                        |                        |      | Test Position A                        | Test Position B | Test Position C | Test Position D | Test Position E | Test Position F |                                   |
| 1%                     | 0                      | A/m  | 0.369                                  | 0.777           | 0.877           | 0.488           | <b>1.280</b>    | 1.064           | 1.63                              |
| 50%                    | 0                      | A/m  | 0.453                                  | 0.562           | 0.687           | 0.476           | 1.142           | 1.132           | 1.63                              |
| 99%                    | 0                      | A/m  | 0.272                                  | 0.515           | 0.642           | 0.318           | 0.759           | 0.878           | 1.63                              |
| 1%                     | 2                      | A/m  | 0.317                                  | 0.473           | 0.519           | 0.236           | 0.389           | 0.298           | 1.63                              |
| 50%                    | 2                      | A/m  | 0.258                                  | 0.431           | 0.493           | 0.241           | 0.487           | 0.131           | 1.63                              |
| 99%                    | 2                      | A/m  | 0.303                                  | 0.414           | 0.358           | 0.213           | 0.261           | 0.271           | 1.63                              |
| 1%                     | 4                      | A/m  | 0.294                                  | 0.289           | 0.318           | 0.212           | 0.302           | 0.146           | 1.63                              |
| 50%                    | 4                      | A/m  | 0.202                                  | 0.239           | 0.283           | 0.090           | 0.200           | 0.098           | 1.63                              |
| 99%                    | 4                      | A/m  | 0.218                                  | 0.204           | 0.399           | 0.261           | 0.391           | 0.325           | 1.63                              |
| 1%                     | 6                      | A/m  | 0.248                                  | 0.145           | 0.261           | 0.101           | 0.313           | 0.288           | 1.63                              |
| 50%                    | 6                      | A/m  | 0.162                                  | 0.226           | 0.228           | 0.190           | 0.355           | 0.263           | 1.63                              |
| 99%                    | 6                      | A/m  | 0.069                                  | 0.141           | 0.130           | 0.289           | 0.266           | 0.288           | 1.63                              |

**Fixed type: Phone Wireless(Out) = 15W:**

E-Field Strength at 20 cm for position A, B, C, D, E from the edges surrounding the EUT (V/m)

| Frequency Range (MHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Limits Test (V/m) |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| 0.115-0.205           | 7.51            | 7.32            | 6.78            | 6.46            | 6.11            | 614               |

H-Filed Strength at 20 cm for position A, B, C, D, E from the edges surrounding the EUT (A/m)

| Frequency Range (MHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Limits Test (A/m) |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| 0.115-0.205           | 0.77            | 0.62            | 0.63            | 0.66            | 0.17            | 1.63              |
| uT                    | 0.97            | 0.78            | 0.78            | 0.83            | 0.21            | /                 |

Note: uT to A/m:  $A/m = uT/1.25$ **3.1.4. Conclusion****Portable type:**

A minimum safety distance of 0 cm to the antenna is required when the device is charging a smart phone for mobile exposure. The detected emissions are below the limitations according FCC KDB 680106.

**The model was established with a 30% agreement, so it was considered to be approved.**

**Fixed type:**

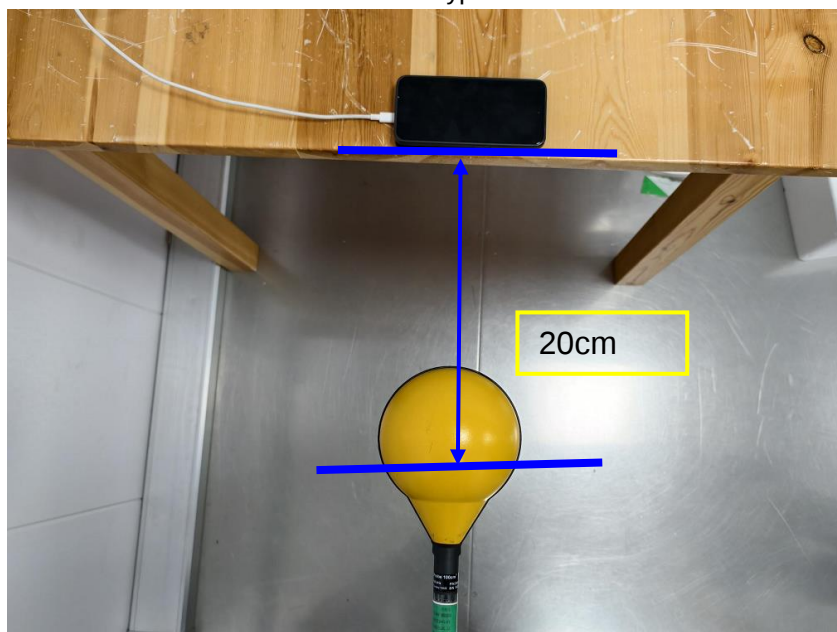
The detected emissions are below the limitations according FCC KDB 680106. The E-field and H-field strengths at 10 cm surrounding the device from all simultaneous transmitting coils are demonstrated to be less than 30% of the MPE limit.

#### 4. Photos of test setup

Portable type



Fixed type



-----END OF REPORT-----