REPORT No.: SZ25060208S01

# TEST REPORT

| | | |
|---|---|---|
| **APPLICANT** | : | Winners'Sun Plastic & Electronic (Shenzhen) Co., Ltd. |
| **PRODUCT NAME** | : | Street photography handle |
| **MODEL NAME** | : | WS-25001 |
| **BRAND NAME** | : | Winners'Sun |
| **FCC ID** | : | UR9WS-25001 |
| **STANDARD(S)** | : | FCC 47 CFR Part 2 (2.1091) |
| **RECEIPT DATE** | : | 2025-07-23 |
| **TEST DATE** | : | 2025-08-12 |
| **ISSUE DATE** | : | 2025-09-02 |

Edited by: Pang Siyu

Pang Siyu (Rapporteur)

Approved by: Gan Yueming

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MORLAB

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# DIRECTORY



| Change History | | |
|---|---|---|
| Version | Date | Reason for change |
| 1.0 | 2025-09-02 | First edition |
| | | |

# 1. Technical Information

**Note:** Provide by applicant.

## 1.1. Applicant and Manufacturer Information

| | |
|---|---|
| **Applicant:** | Winners'Sun Plastic & Electronic (Shenzhen) Co., Ltd. |
| **Applicant Address:** | 1F-4F Building 6, 3F Building 2, Detai Industrial Park, Huarong Road No. 496, Langkou Community, Dalang Street, Longhua District, Shenzhen City, Guangdong Province, P. R. China |
| **Manufacturer:** | Winners'Sun Plastic & Electronic (Shenzhen) Co., Ltd. |
| **Manufacturer Address:** | 1F-4F Building 6, 3F Building 2, Detai Industrial Park, Huarong Road No. 496, Langkou Community, Dalang Street, Longhua District, Shenzhen City, Guangdong Province, P. R. China |

## 1.2. Equipment under Test (EUT) Description

| | |
|---|---|
| **Product Name:** | Street photography handle |
| **EUT No.:** | 10# |
| **Hardware Version:** | N/A |
| **Software Version:** | N/A |
| **Frequency Bands:** | Wireless charging: 110 kHz ~ 205 kHz<br>Bluetooth: 2402 MHz ~ 2480 MHz |
| **Modulation Mode:** | Wireless charging: ASK<br>Bluetooth LE: GFSK(1Mbps) |
| **Antenna Type:** | Wireless charging: Coil Antenna<br>Bluetooth: PCB Antenna |

## 1.3. MPE Results Summary

| Operation Frequency | Highest MPE Summary | |
|---|---|---|
| | E-field (V/m) | H-field (A/m) |
| 110 kHz ~ 205 kHz | 43.26 | 0.673 |

**Note:**

1. The MPE results of Bluetooth are recorded in SZ25060208S02.
2. The declarations of EUT presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.

## 1.4. Photographs of the EUT

Please refer to the External Photos for the Photos of the EUT

## 1.5. Applied Reference Documents

Leading reference documents for testing:

| Identity | Document Title | Remark |
|---|---|---|
| FCC 47 CFR Part 2 (2.1091) | Radio Frequency Radiation Exposure Evaluation: mobile devices | / |
| KDB 680106 D01v04 | Equipment Authorization of Wireless Power Transfer Devices | / |
| **Note:** Any additions, deviation, or exclusions from the method shall be noted in the “Remark”. | | |

# 2. RF Exposure Requirement

## 2.1. General Information

For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 20 cm. E-field and H-field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 0 cm and 2 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m.

## 2.2. RF Exposure Limit

➢ **Basic Restrictions Reference levels**

Basic Restriction for electric, magnetic and electromagnetic fields (0Hz to 300GHz)

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| Frequency range (MHz) | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density ($mW/cm^2$) | Averaging time (minutes) |
|---|---|---|---|---|
| (A) Limits for Occupational/Controlled Exposure | | | | |
| 0.3-3.0 | 614 | 1.63 | *100 | 6 |
| 3.0-30 | 1842/f | 4.89/f | $*900/f^2$ | 6 |
| 30-300 | 61.4 | 0.163 | 1.0 | 6 |
| 300-1,500 | | | f/300 | 6 |
| 1,500-100,000 | | | 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 | $*180/f^2$ | 30 |
| 30-300 | 27.5 | 0.073 | 0.2 | 30 |
| 300-1,500 | | | f/1500 | 30 |
| 1,500-100,000 | | | 1.0 | 30 |

f = frequency in MHz * = Plane-wave equivalent power density

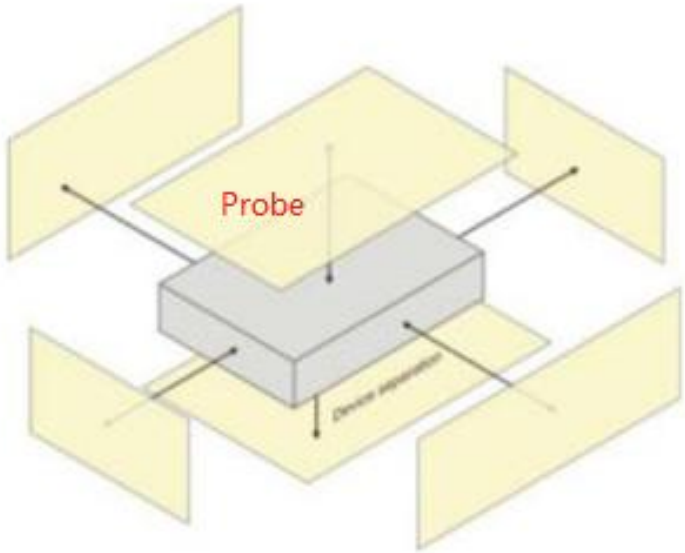
## 2.3. Test Information

The EUT working at normal charging mode, use the E-Probe measure the H-field Strength, E-field Strength separately.

## 2.4. Measurement Uncertainty (95% confidence levels, k=2)

| Test Item | Uncertainty |
|---|---|
| Uncertainty for Radiated Frequency | $7*10^8$ |
| Uncertainty for test site temperature and humidity | 0.6 ℃ |
| | 3% |

## 2.5. Test Setup



# 3. Test Equipment List

| Manufacturer | Name of Equipment | Type/Model | Serial Number | Calibration | |
|---|---|---|---|---|---|
| | | | | Last Cal. | Due Date |
| STT | Broadband Field meter | SEM-600 | D-1044 | 2024.11.07 | 2027.11.06 |
| STT | Probe | LF-04 | I-1044 | 2024.11.07 | 2027.11.06 |
| STT | Probe holder | TR-01 | N/A | N/A | N/A |
| STT | Optical fiber line | L=5M | N/A | N/A | N/A |

# 4. RF Exposure Assessment

➢ **Environment of Test Condition**

| Test Date: 2025.08.12 |
|---|
| Temperature: 25±2 ℃ Humidity: 20-60% |

➢ **E-Field Strength Result**

| E-field strength result (Test frequency range from 110 kHz ~ 205 kHz) | | | | | | |
|---|---|---|---|---|---|---|
| Test Loading | Exposure Position | Distance (cm) | E-field Strength (Max. V/m) | | Limit 50%(V/m) | Verdict |
| | | | Value | 30% Dvi | | |
| 110 kHz ~ 205 kHz | Front Side | 5 | 33.21 | 0 | 307 | PASS |
| | Back Side | 0 | 36.77 | 22.953 | 307 | PASS |
| | | 2 | 28.33 | | 307 | PASS |
| | Left Side | 0 | 29.33 | 25.196 | 307 | PASS |
| | | 2 | 21.94 | | 307 | PASS |
| | Right Side | 0 | 43.26 | 28.687 | 307 | PASS |
| | | 2 | 30.85 | | 307 | PASS |
| | Top Side | 0 | 25.99 | 25.202 | 307 | PASS |
| | | 2 | 19.44 | | 307 | PASS |
| | Bottom Side | 0 | 34.31 | 23.812 | 307 | PASS |
| | | 2 | 26.14 | | 307 | PASS |

➢ **H-Field Strength Result**

| H-field strength result (Test frequency range from 110 kHz ~ 205 kHz) | | | | | | |
|---|---|---|---|---|---|---|
| **Test Loading** | **Exposure Position** | **Distance (cm)** | **H-field Strength (Max. A/m)** | | **Limit 50%(A/m)** | **Verdict** |
| | | | **Value** | **30% Dvi** | | |
| 110 kHz ~ 205 kHz | Front Side | 5 | 0.178 | 0 | 0.815 | PASS |
| | Back Side | 0 | 0.4387 | 27.08 | 0.815 | PASS |
| | | 2 | 0.3199 | | 0.815 | PASS |
| | Left Side | 0 | 0.579 | 20.898 | 0.815 | PASS |
| | | 2 | 0.458 | | 0.815 | PASS |
| | Right Side | 0 | 0.581 | 25.473 | 0.815 | PASS |
| | | 2 | 0.433 | | 0.815 | PASS |
| | Top Side | 0 | 0.673 | 14.836 | 0.815 | PASS |
| | | 2 | 0.573 | | 0.815 | PASS |
| | Bottom Side | 0 | 0.442 | 25.566 | 0.815 | PASS |
| | | 2 | 0.329 | | 0.815 | PASS |

**Note:**

1. According to the user manual, output power from each primary coil is less than or equal to 15 watts.
2. According to KDB 680106 D01V04 section 5.2), the E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit.
3. This device designed for typical desktop applications, therefore mobile exposure conditions are applied and client device is placed directly in contact with the transmitter.
4. The difference between distance 0 cm and 2 cm tests (E- and/or H-field) is not more than 30%.
5. The EUT test photos, please see the annex B.

➢ **Simultaneous Transmission Consideration**

This device does not support simultaneous transmission, therefore simultaneous transmission assessment is not required.

➢ **Conclusion:**

According to FCC 47 CFR Part 2(2.1091), this device complies with human exposure basic restrictions.

# Annex A General Information

### 1. Identification of the Responsible Testing Laboratory

| | |
|---|---|
| **Laboratory Name:** | Shenzhen Morlab Communications Technology Co., Ltd. |
| **Laboratory Address:** | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |
| **Telephone:** | +86 755 36698555 |
| **Facsimile:** | +86 755 36698525 |

### 2. Identification of the Responsible Testing Location

| | |
|---|---|
| **Name:** | Shenzhen Morlab Communications Technology Co., Ltd. |
| **Address:** | FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China |

### 3. Facilities and Accreditations

The FCC designation number is CN1192, the test firm registration number is 226174.

**Note：**

The main report is end here and the other annex B will be submitted separately.

****** END OF REPORT ******