

Health Test Report

Report No.:AGC04094181202EH03

PRODUCT DESIGNATION : Wireless 10W fast charging pad
BRAND NAME : N/A
MODEL NAME : P308.98
CLIENT : Xindao B.V.
DATE OF ISSUE : Jan. 14, 2019
STANDARD(S) : EN 62311:2008
REPORT VERSION : V1.0

Attestation of Global Compliance(Shenzhen) Co., Ltd

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Report Revise Record

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|----------------|-------------|---------------|---------------|-----------------|
| V1.0 | / | Jan. 14, 2019 | Valid | Initial Release |

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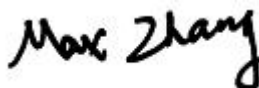
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1. TEST REPORT CERTIFICATION

| | |
|---------------------------------|---|
| Applicant | Xindao B.V. |
| Address | P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands |
| Manufacturer | Xindao B.V. |
| Address | P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands |
| Factory | Xindao B.V. |
| Address | P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands |
| Product Designation | Wireless 10W fast charging pad |
| Brand Name | N/A |
| Test Model | P308.98 |
| Date of test | Jan. 07, 2019 to Jan. 14, 2019 |
| Deviation | None |
| Condition of Test Sample | Normal |
| Test Result | Pass |
| Report Template | AGCRT-EC-RF |

We, Attestation of Global Compliance (Shenzhen) Co., Ltd. for compliance with the requirements set forth in the European Standard EN 62311. The results of testing in this report apply to the product/system which was tested only.


Tested By



Max Zhang(Zhang Yi)

Jan. 14, 2019

Reviewed By



Bart Xie(Xie Xiaobin)

Jan. 14, 2019

Approved By



 Forrest Lei(Lei Yonggang)
 Authorized Officer

Jan. 14, 2019

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2. GENERAL INFORMATION

2.1. DESCRIPTION OF EUT

The EUT is a short range, WPT device.

Details of technical specification refer to the description in follows:

| | |
|--------------------|----------------------------|
| Hardware Version | LWC-F05-MJ-A0 |
| Software Version | V1.0 |
| Test Frequency | 156.5KHz |
| Number of Channels | 1 Channel |
| Antenna Type | Integral antenna |
| Power Supply | DC 5V or DC 9V(Worst case) |
| Output Power | 10W Max |

NOTE:1. For more information, please refer to User's Manual.

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3. TEST SETUP

2.1 STANDARD APPLICABLE

According to EN 62311:2008, Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz).

Reference levels for electric, magnetic and electromagnetic fields
(0 Hz to 300 GHz, unperturbed rms values)

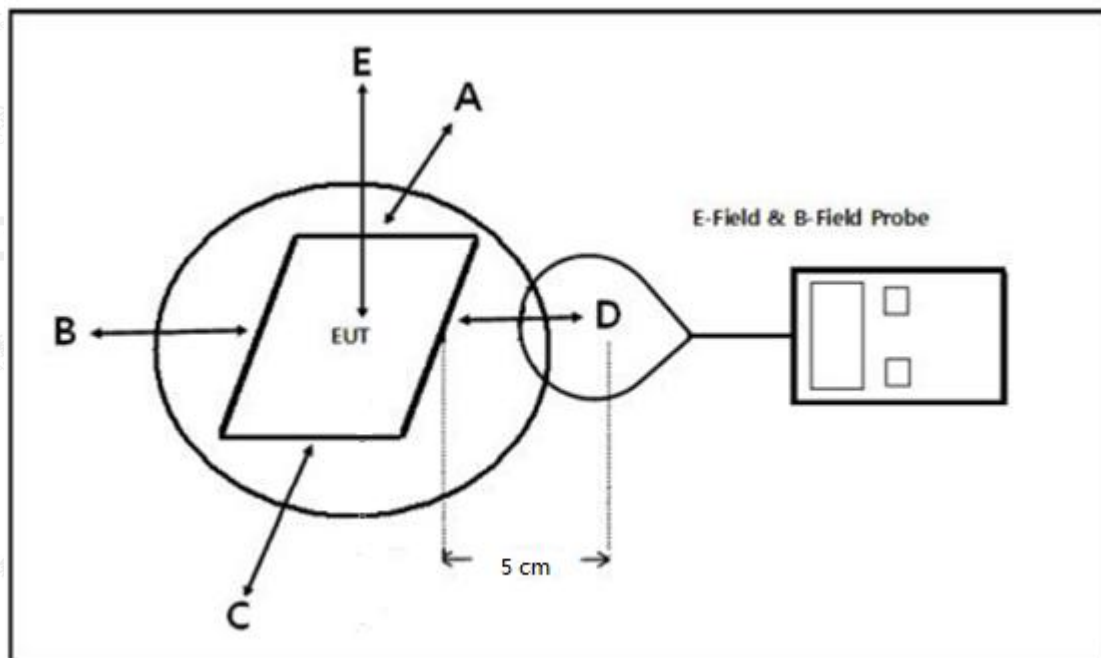
| Frequency range | E-field strength (V/m) | H-field strength (A/m) | B-field (μT) | Equivalent plane wave power density S_{eq} (W/m ²) |
|-----------------|------------------------|------------------------|---------------------|--|
| 0-1 Hz | — | $3,2 \times 10^4$ | 4×10^4 | — |
| 1-8 Hz | 10 000 | $3,2 \times 10^4/f^2$ | $4 \times 10^4/f^2$ | — |
| 8-25 Hz | 10 000 | $4\,000/f$ | $5\,000/f$ | — |
| 0,025-0,8 kHz | $250/f$ | $4/f$ | $5/f$ | — |
| 0,8-3 kHz | $250/f$ | 5 | 6,25 | — |
| 3-150 kHz | 87 | 5 | 6,25 | — |
| 0,15-1 MHz | 87 | $0,73/f$ | $0,92/f$ | — |
| 1-10 MHz | $87/f^{1/2}$ | $0,73/f$ | $0,92/f$ | — |
| 10-400 MHz | 28 | 0,073 | 0,092 | 2 |
| 400-2 000 MHz | $1,375\ f^{1/2}$ | $0,0037\ f^{1/2}$ | $0,0046\ f^{1/2}$ | $f/200$ |
| 2-300 GHz | 61 | 0,16 | 0,20 | 10 |

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2.2 EVALUATION METHODS

Measurement of E and H field

A commonly used probe size is 100 cm², also the contribution of the three axes X, Y and Z can be evaluated separately.



Note: Position A: Front of EUT; Position B: Left of EUT; Position C: back of EUT; Position D: Right of EUT; Position E: Top of EUT

Based on the above standard limit, any device with output power below 5A/m cannot produce an exposure exceeding this restriction under the most pessimistic exposure conditions.

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2.3 EVALUATION EQUIPMENT

| Description | Manufacturer | Model | S/N | Cal. Date | Cal. Due |
|-----------------------|----------------------------------|---------|--------|---------------|---------------|
| Broadband Field Meter | Narda Safety Test Solutions GmbH | NBM-550 | J-0004 | June 12, 2018 | June 11, 2019 |
| Probe FHP | Narda Safety Test Solutions GmbH | EHP-50F | J-0015 | June 12, 2018 | June 11, 2019 |

2.4 EVALUATION RESULTS

WPT:

| Frequency | Maximum Radiated H-Field at 5cm | | Limit | Result |
|-----------|---------------------------------|-------|-------|-----------|
| MHz | A/m | | A/m | Pass/Fail |
| 0.1565 | position E | 0.041 | 5 | Pass |
| | position A | 0.016 | | |
| | position B | 0.016 | | |
| | position C | 0.016 | | |
| | position D | 0.016 | | |

Since Radiated H-Field at worse case is 0.041A/m, which cannot exceed the exempt condition, 5A/m. It is deemed to full fit the requirement of RF exposure basic restriction specified in EC Council Recommendation (1999/519/EC).

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