

THE TEST REPORT

For

Wireless charger

Model No.: P308.821, SW009

Prepared for :

Address :

Prepared by : EMTEK(DONGGUAN) CO., LTD.

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Report No. : ED180514051H

Date of Test : May 14, 2018 to May 18, 2018

Date of Report : May 21, 2018

TABLE OF CONTENT

| Description | Page |
|--------------------------------------------------------|----------|
| 1. GENERAL INFORMATION | 5 |
| 1.1 Description of Device (EUT) | 5 |
| 1.2 Test Facility | 6 |
| 2. GENERAL PRODUCT INFORMATION | 7 |
| 2.1 Product Function and Intended Use | 7 |
| 2.2 Ratings and System Details | 7 |
| 3. EN 62479 REQUIREMENT | 8 |
| 3.1 General Description of Applied Standards | 8 |
| 3.2 Human exposure to the Electromagnetic fields | 8 |
| 3.3 RF Exposure Evaluation | 8 |

TEST REPORT DESCRIPTION

Applicant :
EUT : Wireless charger
Model No. : P308.821, SW009
Input Rating : DC 5V from Adapter
Power Supply for Test : DC 5V from Adapter

Test Procedure Used:

EN 62479: 2010

The device described above is tested by EMTEK(DONGGUAN) 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. This report shows the EUT to be technically compliant with the EN 62479: 2010 requirements. The test results are contained in this report and EMTEK(DONGGUAN) CO., LTD. Is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK(DONGGUAN) CO., LTD.

Date of Test :

May 14, 2018 to May 18, 2018

Aaron Tan

Prepared by :

Aaron tan/Editor

Tomas Yang

Reviewer :

Tomas Yang/Supervisor

[Signature] 

Approved & Authorized Signer :

Sam Lv/Manager

Modified Information

| Version | Summary | Revision Date | Report No. |
|---------|-----------------|---------------|--------------|
| Ver.1.0 | Original Report | / | ED180514051H |
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1. GENERAL INFORMATION

1.1 Description of Device (EUT)

EUT : Wireless charger

Model Number : P308.821, SW009
(Note: The samples are the same except model number. So SW009 was selected for full tested.)

Trademark : N/A

Applicant :

Address :

Manufacturer :

Address :

Date of received : May 14, 2018

Date of Test : May 14, 2018 to May 18, 2018

1.2 Test Facility

Site Description

EMC Lab.

: Accredited by CNAS, 2015.09.24
The certificate is valid until 2018.07.03
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2006
The Certificate Registration Number is L3150

Registered on Industry Canada, January 13, 2017
The Certificate Number is 9444A.

Name of Firm

: EMTEK(DONGGUAN) CO., LTD.

Site Location

: No.9, New Town Avenue of Songshan Lake High and New Technology Industrial Development Zone Dongguan, Guangdong, China

2. GENERAL PRODUCT INFORMATION

2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

2.2 Ratings and System Details

| | | Transceiver |
|--------------------|---|--------------------|
| Frequency Range | : | 175KHz |
| Number of Channels | : | 1 |
| Power Supply | : | DC 5V from Adapter |
| Protection Class | : | III |

3. EN 62479 REQUIREMENT

3.1 General Description of Applied Standards

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

3.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

3.3 RF Exposure Evaluation

3.3.1 Limit:

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max} .

$P_{max} = 20 \text{ mW}$ (13 dBm) according to ICNIRP guidelines, since the EUT is General public used.

Remark:

B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2

C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2

D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.

3.3.2 Test result

The EIRP of the EUT are below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.

More details please refer to ED180514051E