



RF EXPOSURE REPORT

FOR

Wireless charger

Model: IH-QI1019R 、 IH-QI1019PAY 、 IH-QI1019PAE 、
IH-QI1019PAN 、 IH-QI1019PAP 、 FM-QI1000M 、
FM-QI1002WD 、 FM-QI1004M 、 FM-QI1002BD

Trade Mark: N/A

Issued to

LIFEWORKS TECHNOLOGY GROUP LLC.

Issued by

WH Technology Corp.

| | | |
|--|-----------------------------|---|
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1. GENERAL INFORMATION

Applicant : LIFEWORKS TECHNOLOGY GROUP LLC.
Address : 1412 Broadway New York, NY 10018
Manufacturer : Lifeworks Technology Group
Address : NYO | 530 7th Avenue, 21st Floor, New York, NY, 10018
EUT : Wireless charger
Model Name : IH-QI1019R \ IH-QI1019PAY \ IH-QI1019PAE \ IH-QI1019PAN \ IH-QI1019PAP \ FM-QI1000M \ FM-QI1002WD \ FM-QI1004M \ FM-QI1002BD
Model Differences : Different in color
Standard : FCC Part 1 (Section 1.1307(b), 1.1310)

Receipt Date: 11/20/2018

Final Test Date: 12/03/2018

Tested by:

Engineer

Reviewed by:

Manager



1.1 TEST MODE:

127kHz

1.2 DESCRIPTION OF THE TESTED SAMPLES

EUT Name : Wireless charger
Model Number :: IH-QI1019R
FCCID Number : WWEIHQI1019R
Receipt Date : 11/20/2018
Output Power : Input: DC 9V--1.67A, 5V--2A
Output: DC 9V—1.12A, 5V--2A
Operate Frequency : 115kHz~205kHz
Antenna Type : Coil Antenna



2. LIST OF TEST AND MEASUREMENT INSTRUMENTS

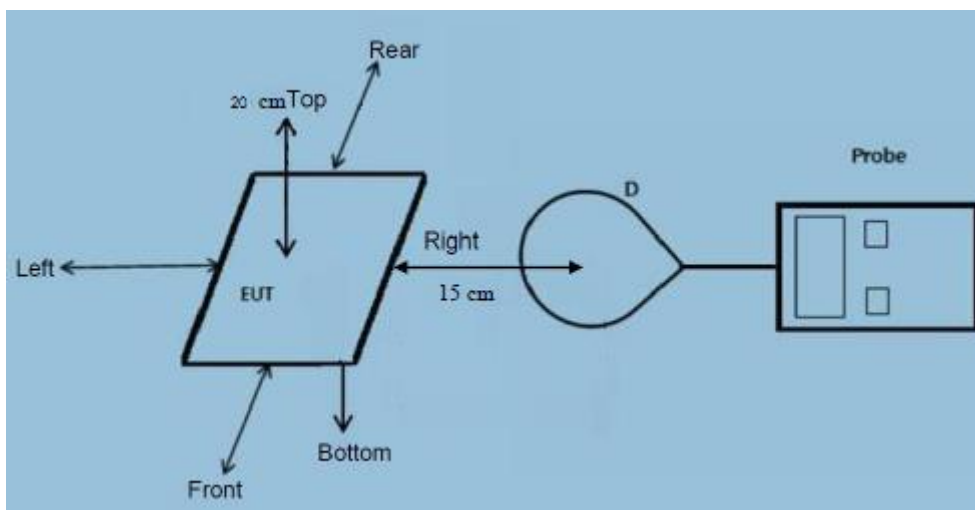
| Equipment | Model | Manufacture | Last Cal. | Next Cal. |
|-----------|---------|-------------|---------------|---------------|
| EMF Meter | ELT-400 | NARDA | Oct. 22, 2018 | Oct. 21, 2019 |

3. METHOD OF MEASUREMENT

3.1 APPLICABLE STANDARD

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01 RF Exposure Wireless Charging Apps v03.

3.2 TEST SETUP



3.3 TEST PROCEDURE:

- a. For devices designed for typical desktop applications, such as wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance 20 cm from the top, and 15cm from other directions (Left, Right, Front, Rear, Bottom). E 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 15 cm measured from the center of the probe(s) to the edge of the device.



3.4 EQUIPMENT APPROVAL CONSIDERATIONS:

The EUT does comply with item 5 of KDB 680106 D01v03

- (1) Power transfer frequency is less than 1 MHz.
(Conform)
- (2) Output power from each primary coil is less than or equal to 15 watts.
(Conform)
- (3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.
(Conform)
- (4) Client device is placed directly in contact with the transmitter.
(Conform)
- (5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
(Intended for desk top use)
- (6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.
(Conform)

4. TEST DATA

| E-Filed Strength | | | | | | | |
|------------------|---------------------|--------------------|------------------------|------------------------|----------------------|-------------------|--------|
| Charging | Probe from EUT Side | Test Distance (cm) | Calculated Value (A/m) | Calculated Value (V/m) | 50% Limits Test(V/m) | Limits Test (V/m) | Result |
| < 1% Battery | Front | 15 | 0.116 | 0.468 | 307 | 614 | PASS |
| < 1% Battery | Rear | 15 | 0.119 | 0.427 | | | PASS |
| < 1% Battery | Left | 15 | 0.121 | 0.446 | | | PASS |
| < 1% Battery | Right | 15 | 0.118 | 0.422 | | | PASS |
| < 1% Battery | Bottom | 15 | 0.132 | 0.453 | | | PASS |
| < 1% Battery | Top | 20 | 0.134 | 0.462 | | | PASS |
| H-Filed Strength | | | | | | | |
| Charging | Probe from EUT Side | Test Distance (cm) | Measured Value(uT) | Calculated Value (A/m) | 50% Limits Test(A/m) | Limits Test (A/m) | Result |
| < 1% Battery | Front | 15 | 0.145 | 0.116 | 0.815 | 1.63 | PASS |
| < 1% Battery | Rear | 15 | 0.149 | 0.119 | | | PASS |
| < 1% Battery | Left | 15 | 0.151 | 0.121 | | | PASS |
| < 1% Battery | Right | 15 | 0.148 | 0.118 | | | PASS |
| < 1% Battery | Bottom | 15 | 0.165 | 0.132 | | | PASS |
| < 1% Battery | Top | 20 | 0.168 | 0.134 | | | PASS |

Note: The aggregate H-filed strengths at 15cm surrounding the device and 20cm above the top surface. A/m=uT/1.25



| E-Filed Strength | | | | | | | |
|------------------|---------------------|--------------------|------------------------|------------------------|----------------------|-------------------|--------|
| Charging | Probe from EUT Side | Test Distance (cm) | Calculated Value (A/m) | Calculated Value (V/m) | 50% Limits Test(V/m) | Limits Test (V/m) | Result |
| 50% Battery | Front | 15 | 0.113 | 0.441 | 307 | 614 | PASS |
| 50% Battery | Rear | 15 | 0.124 | 0.426 | | | PASS |
| 50% Battery | Left | 15 | 0.127 | 0.424 | | | PASS |
| 50% Battery | Right | 15 | 0.113 | 0.405 | | | PASS |
| 50% Battery | Bottom | 15 | 0.118 | 0.418 | | | PASS |
| 50% Battery | Top | 20 | 0.125 | 0.421 | | | PASS |
| H-Filed Strength | | | | | | | |
| Charging | Probe from EUT Side | Test Distance (cm) | Measured Value(uT) | Calculated Value (A/m) | 50% Limits Test(A/m) | Limits Test (A/m) | Result |
| 50% Battery | Front | 15 | 0.141 | 0.113 | 0.815 | 1.63 | PASS |
| 50% Battery | Rear | 15 | 0.155 | 0.124 | | | PASS |
| 50% Battery | Left | 15 | 0.159 | 0.127 | | | PASS |
| 50% Battery | Right | 15 | 0.141 | 0.113 | | | PASS |
| 50% Battery | Bottom | 15 | 0.147 | 0.118 | | | PASS |
| 50% Battery | Top | 20 | 0.156 | 0.125 | | | PASS |

Note: The aggregate H-filed strengths at 15cm surrounding the device and 20cm above the top surface. A/m=uT/1.25

| E-Filed Strength | | | | | | | |
|------------------|---------------------|--------------------|------------------------|------------------------|----------------------|-------------------|--------|
| Charging | Probe from EUT Side | Test Distance (cm) | Calculated Value (A/m) | Calculated Value (V/m) | 50% Limits Test(V/m) | Limits Test (V/m) | Result |
| >99% Battery | Front | 15 | 0.119 | 0.448 | 307 | 614 | PASS |
| >99% Battery | Rear | 15 | 0.118 | 0.440 | | | PASS |
| >99% Battery | Left | 15 | 0.122 | 0.418 | | | PASS |
| >99% Battery | Right | 15 | 0.107 | 0.463 | | | PASS |
| >99% Battery | Bottom | 15 | 0.117 | 0.452 | | | PASS |
| >99% Battery | Top | 20 | 0.107 | 0.461 | | | PASS |
| H-Filed Strength | | | | | | | |
| Charging | Probe from EUT Side | Test Distance (cm) | Measured Value(uT) | Calculated Value (A/m) | 50% Limits Test(A/m) | Limits Test (A/m) | Result |
| >99% Battery | Front | 15 | 0.149 | 0.119 | 0.815 | 1.63 | PASS |
| >99% Battery | Rear | 15 | 0.148 | 0.118 | | | PASS |
| >99% Battery | Left | 15 | 0.152 | 0.122 | | | PASS |
| >99% Battery | Right | 15 | 0.134 | 0.107 | | | PASS |
| >99% Battery | Bottom | 15 | 0.146 | 0.117 | | | PASS |
| >99% Battery | Top | 20 | 0.134 | 0.107 | | | PASS |

Note: The aggregate H-filed strengths at 15cm surrounding the device and 20cm above the top surface. A/m=uT/1.25



Test Setup Photos

