

RF EXPOSURE REPORT

For

Shenzhen Weiming Technology Co., Ltd.

Wireless Charging Transmitter

Model No.: M200

Prepared for : Shenzhen Weiming Technology Co., Ltd.
Address : 2502, Block B, Southern International Plaza, 3013 Yitian Road, Futian District, Shenzhen 518048, China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
Address : 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong, China

Date of receipt of test sample : February 19, 2014
Number of tested samples : 1
Serial number : Prototype
Date of Test : February 19, 2014 - March 10, 2014
Date of Report : March 10, 2014

RF EXPOSURE REPORT
FCC CFR 47 PART 1, 1.1310**Report Reference No. : LCS140225371TF**

Date Of Issue..... : March 10, 2014

Testing Laboratory Name : Shenzhen LCS Compliance Testing Laboratory Ltd.Address..... : 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,
Bao'an District, Shenzhen, Guangdong, ChinaTesting Location/ Procedure : Full application of Harmonised standards ☒Partial application of Harmonised standards ☐Other standard testing method ☐**Applicant's Name..... : Shenzhen Weiming Technology Co., Ltd.**Address..... : 2502, Block B, Southern International Plaza, 3013 Yitian
Road, Futian District, Shenzhen 518048, China**Test Specification**

Standard : FCC CFR 47 PART 1, 1.1310

Test Report Form No. : LCSEMC-1.0

TRF Originator..... : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF : Dated 2011-03

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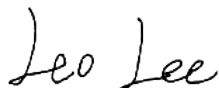
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Test Item Description..... : Wireless Charging Transmitter

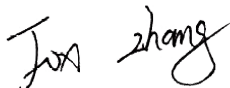
Trade Mark..... : Weiming

Model/ Type Reference..... : M200

Ratings : Input DC 5V, 2.0A Max.

Rated Power: \leq 5W**Result : Positive****Compiled by:**

Leo Lee/ File administrators

Supervised by:

Fox Zhang/ Technique principal

Approved by:

Gavin Liang/ Manager

RF EXPOSURE REPORT

Test Report No. : LCS140225371TFMarch 10, 2014

Date of issue

Type/ Model..... : M200

EUT..... : Wireless Charging Transmitter

Applicant..... : Shenzhen Weiming Technology Co., Ltd.Address..... : 2502, Block B, Southern International Plaza, 3013 Yitian
Road, Futian District, Shenzhen 518048, China

Telephone..... : /

Fax..... : /

Manufacturer..... : Shenzhen Weiming Technology Co., Ltd.Address..... : 2502, Block B, Southern International Plaza, 3013 Yitian
Road, Futian District, Shenzhen 518048, China

Telephone..... : /

Fax..... : /

Factory..... : Shenzhen Weiming Technology Co., Ltd.Address..... : 2502, Block B, Southern International Plaza, 3013 Yitian
Road, Futian District, Shenzhen 518048, China

Telephone..... : /

Fax..... : /

Test Result**Positive**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

This device is designed for typical desktop applications, the EUT have been tested according to the applicable standards as referenced below.

MAXIMUMPERMISSIBLEEXPOSURE		
Description of Test Item	Standard	Results
E-Field Strength at10cm	FCC CFR 47 part1, 1.1310 KDB680106 D01v02	PASS
H-Field Strength at10cm		PASS

1.2. Description of Test Modes

Test Modes:		
Mode 1	AC/DC Adapter + EUT + Qi Mobile Phone(Battery Status: <1%)	Record
Mode 2	AC/DC Adapter + EUT + Qi Mobile Phone(Battery Status: <50%)	Record
Mode 3	AC/DC Adapter + EUT + Qi Mobile Phone(Battery Status: 100%)	Record
Note: All test modes were tested and recorded in this report.		

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : Wireless Charging Transmitter

Model Number : M200

Power Supply : Input DC 5V, 2.0A Max.
Rated Power: \leq 5W

Frequency Band : 110KHz~205KHz

Antenna Type : Inductive loop Coil antenna

2.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
NOKIA	Qi Mobile Phone	N920	N/A	DOC
SHENZHEN JIYIN SCIENCE & TECHNOLOGY DEVELOPMENT CO LTD	ADAPTOR	JY-05200	N/A	VOC

2.3. External I/O Port

I/O Port Description	Quantity	Cable
USB	1	N/A

2.4. Description of Test Facility

Site Description

EMC Lab. : Accredited by CNAS, June 04, 2010
The Certificate Registration Number. is L4595.

Accredited by FCC, July 14, 2011
The Certificate Registration Number. is 899208.

Accredited by Industry Canada, May. 02, 2011
The Certificate Registration Number. is 9642A-1

Accredited by VCCI, Japan January 30, 2012
The Certificate Registration Number. is C-4260 and R-380

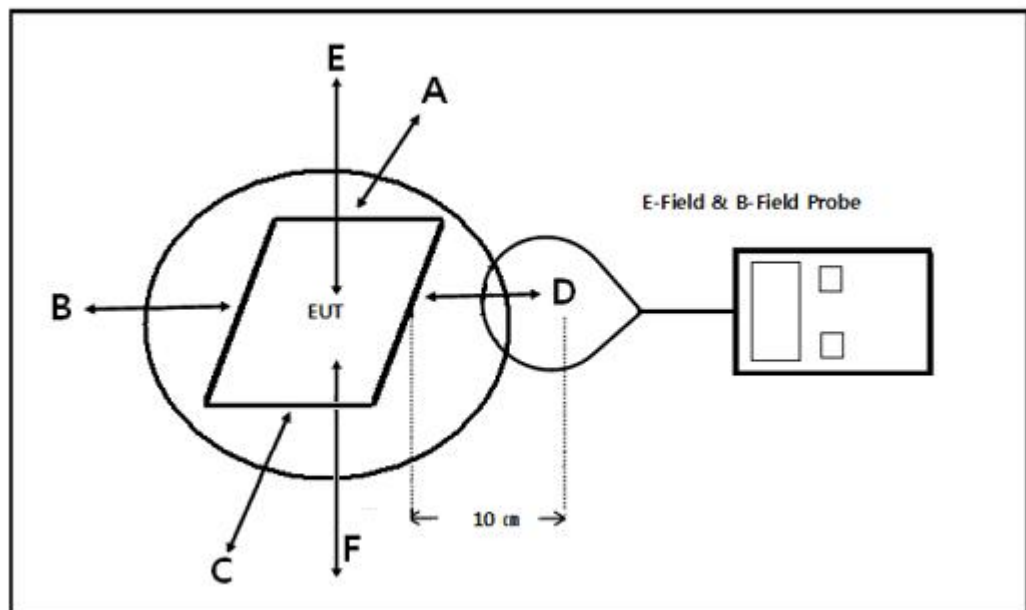
3. RF EXPOSURE EVALUATION

3.1. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Last Cal.	Due. Date
1	Broadband Field Meter	Narda	NBM-550	2013/06/18	2014/06/17
2	Exposure Level Tester	Narda	ELT-400	2013/06/18	2014/06/17

3.2. Block Diagram of Test Setup



*Note:

Position A: Back Side of the EUT&AUX(Qi Mobile Phone)

Position B: Left Side of the EUT&AUX(Qi Mobile Phone)

Position C: Front Side of the EUT&AUX(Qi Mobile Phone)

Position D: Right Side of the EUT&AUX(Qi Mobile Phone)

Position E: Top Side of the EUT&AUX(Qi Mobile Phone)

Position F: Bottom Side of the EUT&AUX(Qi Mobile Phone)

3.3. Radio frequency radiation exposure limits

§ 1.1310 The criteria listed in table 1 shall be used to evaluate the environmental impact of human exposure to radiofrequency(RF) radiation as specified in § 1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of § 2.1093 of this chapter.

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 Exposures				
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
300-1500	/	/	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 ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz

* = Plane-wave equivalent power density

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 300 kHz in Table 1 of 1.1310 (use the 300 kHz limits for 150 kHz: 614 V/m, 1.63 A/m).

3.4. Test Results

E-field Strength Test Result:

Test condition: Charging mode with Qi Mobile Phone(less than 1% battery status)

Frequency Range(KHz)	Probe Position A (V/m)	Probe Position B (V/m)	Probe Position C (V/m)	Probe Position D (V/m)	Probe Position E (V/m)	Probe Position F (V/m)	Limit (V/m)
110~205	6.24	6.21	6.09	6.79	7.21	6.51	614.00

Test condition: Charging mode with Qi Mobile Phone(less than 50% battery status)

Frequency Range(KHz)	Probe Position A (V/m)	Probe Position B (V/m)	Probe Position C (V/m)	Probe Position D (V/m)	Probe Position E (V/m)	Probe Position F (V/m)	Limit (V/m)
110~205	6.13	6.17	5.68	5.70	7.13	6.33	614.00

Test condition: Charging mode with Qi Mobile Phone(100% battery status)

Frequency Range(KHz)	Probe Position A (V/m)	Probe Position B (V/m)	Probe Position C (V/m)	Probe Position D (V/m)	Probe Position E (V/m)	Probe Position F (V/m)	Limit (V/m)
110~205	5.48	5.41	5.77	5.61	6.91	6.14	614.00

H-field Strength Test Result:

Test condition: Charging mode with Qi Mobile Phone(less than 1% battery status)

Frequency Range(KHz)	Probe Position A (A/m)	Probe Position B (A/m)	Probe Position C (A/m)	Probe Position D (A/m)	Probe Position E (A/m)	Probe Position F (V/m)	Limit (A/m)
110~205	0.03	0.03	0.03	0.04	0.06	0.05	1.63

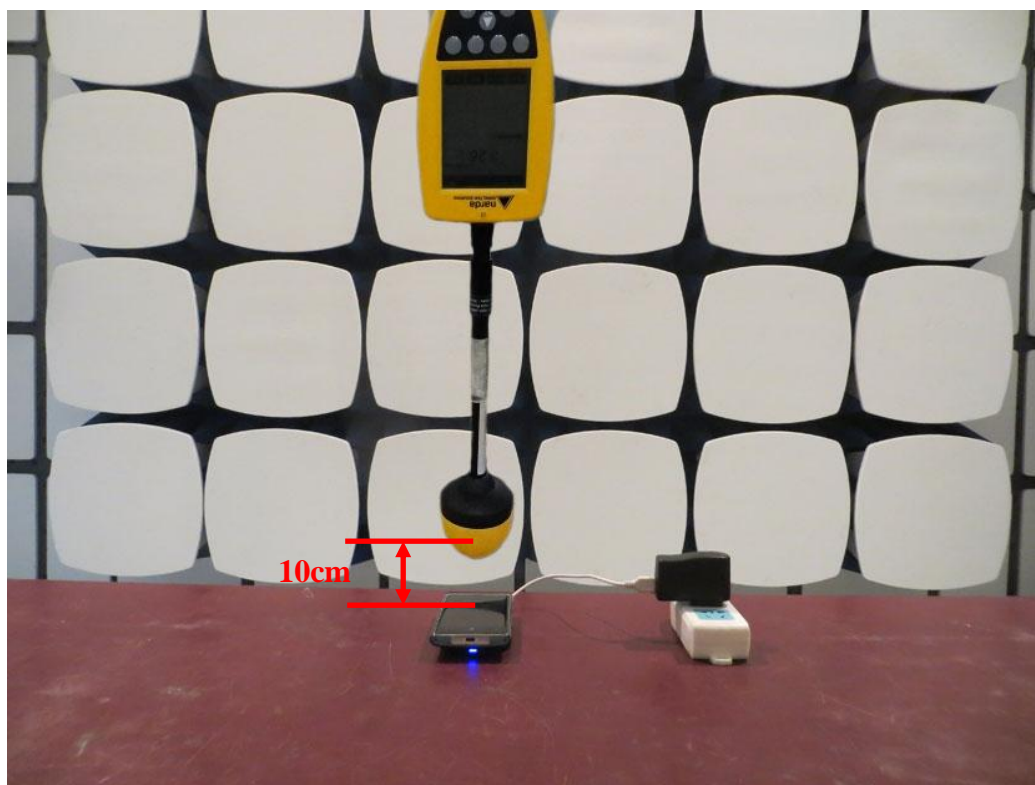
Test condition: Charging mode with Qi Mobile Phone(less than 50% battery status)

Frequency Range(KHz)	Probe Position A (A/m)	Probe Position B (A/m)	Probe Position C (A/m)	Probe Position D (A/m)	Probe Position E (A/m)	Probe Position F (V/m)	Limit (A/m)
110~205	0.03	0.02	0.03	0.03	0.05	0.04	1.63

Test condition: Charging mode with Qi Mobile Phone(100% battery status)

Frequency Range(KHz)	Probe Position A (A/m)	Probe Position B (A/m)	Probe Position C (A/m)	Probe Position D (A/m)	Probe Position E (A/m)	Probe Position F (V/m)	Limit (A/m)
110~205	0.02	0.03	0.02	0.03	0.04	0.03	1.63

3.5. Photographs Of Test Setup(Worst Position E)



4. MANUFACTURER/ APPROVAL HOLDER DECLARATION

The following Series model(s):

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Belong to the tested device:

Product description : Wireless Charging Transmitter

Model name : M200

Remark: No additional models were tested.

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