RF EXPOSURE REPORT

Applicant:	SHENZHEN MAI XIN DA TECHNOLOGY CO.,LTD.
Address of Applicant:	R704-706,FuTong No.1 International Building, Gushu,Bao'an District,Shenzhen,China
Equipment Under Test (EUT)	
Product Name:	Wireless Charger
Model No.:	41548
FCC ID:	2ANBM-41548
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C:2017
Date of sample receipt:	June 26, 2017
Date of Test:	June 27, 2017-June 30, 2017
Date of report issued:	July 03, 2017
Test Result :	PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Robinson Lo
Laboratory Manager

2 Version

Version No.	Date	Description
00	*July 03, 2017*	*Original*

Prepared By: Bill. yuan ***Date:*** *July 03, 2017*

Project Engineer

Check By: Andy. wu ***Date:*** *July 03, 2017*

Reviewer

2.1 Test Facility

● **FCC —Registration No.: 600491**

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, June 22, 2016.

● **Industry Canada (IC) —Registration No.: 9079A-2**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016

2.2 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.
No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102
Tel: 0755-27798480
Fax: 0755-27798960

2.3 Other Information Requested by the Customer

None.

2.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC Approval
N/A	Load	N/A	N/A	VOC
Emerson Network Power	USB Charger	A1399	N/A	VOC

3 Test Instruments list

Radiated Emission:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**SN.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	N/A	July 03 2015	July 02 2020
2	Exposure Level Tester	Narda	ELT-400	N-0231	June 29 2017	June 28 2018
3	Magnetic field probe 100cm^2	Narda	ELT probe 100cm^2	M0675	June 29 2017	June 28 2018

4 Method of measurement

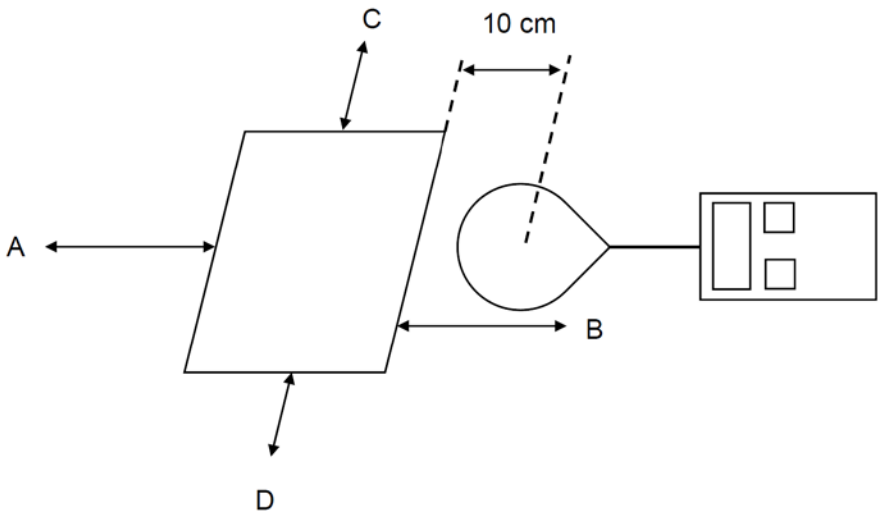
4.1 Applicable Standard

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 D01v02: RF Exposure Wireless Charging Apps v02.

5 Test Result

Test setup:	
Test Procedure:	a) The RF exposure test was performed on 360 degree turn table in anechoic chamber. b) The measurement probe was placed at test distance (10cm) which is between the edge of the charger and the geometric centre of probe. c) The turn table was rotated 360d degree to search of highest strength. d) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed. e) The EUT were measured according to the dictates of KDB 680106D01v02.

5.1 Equipment Approval Considerations:

	The EUT does comply with item 5.2 of KDB 680106 D01v02
a)	Power transfer frequency is less than 1MHz.
	Yes; the device operate in the frequency range from 110 KHz to 205 KHz
b)	Output power from each primary coil is less than 5 watts
	Yes; the maximum output power of the primary coil is 4W<5W.
c)	The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that able to detect and allow coupling only between individual pair of coils.
	Yes; the transfer system includes only single primary and secondary coils.
d)	Client device is inserted in or placed directly in contact with the transmitter.
	Yes; Client device is placed directly in contact with the transmitter.
e)	The maximum coupling surface area of the transmit (charging) device:
	Yes; The EUT coupling surface area was 65 cm2>60cm2
f)	Aggregate leakage fields at 10cm surrounding the device from all simultaneous transmitting coils are demonstrated to be less than 30% of the MPE limit.
	Yes; The EUT field strength levels are 30% x MPE limit.

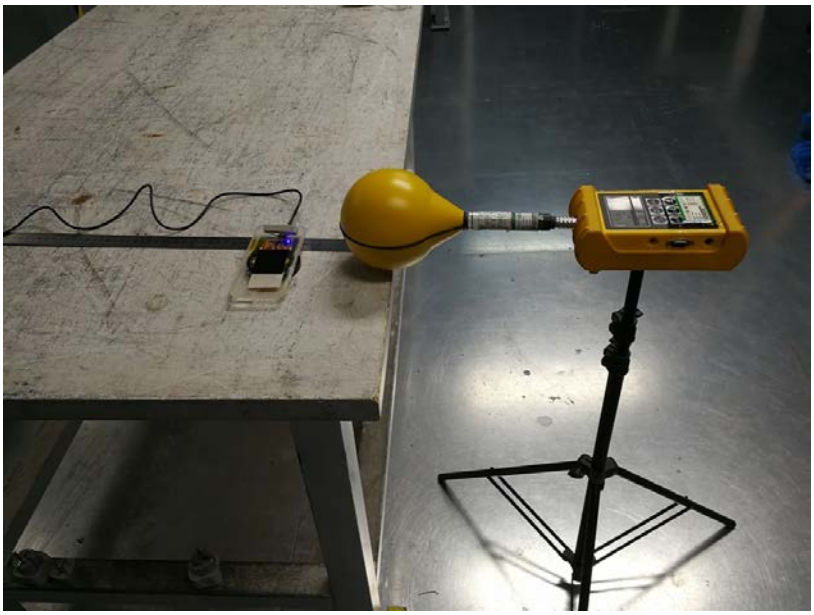
5.2 E and H field Strength

Test mode for wireless charger: Normal Operation (Charging mode)

Frequency Range (MHz)	**E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)**						Limits (V/m)
	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	
0.1-0.205	1.18	1.74	0.81	0.95	1.76	1.85	614

Frequency Range (MHz)	**H-Filed Strength at 10 cm from the edges surrounding the EUT** (A/m)						Limits (A/m)
	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	
0.1-0.205	0.73	1.16	0.47	0.51	0.83	1.25	1.63

6 Test Setup Photo



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