



RF EXPOSURE REPORT

Report No.: SET2016-03875

Product Name: Wireless Charging

FCC ID: 2AIAK-BWCTX-051

Model No. : BWCTX-051

Applicant: Dengjie Technology Co.,Ltd.

Address: 1ST FLOOR,NO.16 LANE 80, ZHONGXIAO ROAD,EAST LAKE LI,
DALI DISTRICT, TAICHUNG, TAIWAN

Dates of Testing: 05/04/2016 — 05/04/2016

Issued by: CCIC-SET

Lab Location: Electronic Testing Building, Shahe Road, Xili, Nanshan District,
Shenzhen, 518055, P. R. China

Tel: 86 755 26627338 **Fax:** 86 755 26627238

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Test Report

Product Name Wireless Charging

Brand Name N/A

Trade Name N/A

Applicant Dengjie Technology Co.,Ltd.

Applicant Address..... 1ST FLOOR,NO.16 LANE 80, ZHONGXIAO ROAD,EAST LAKE LI,
DALI DISTRICT, TAICHUNG, TAIWAN

Manufacturer..... Shenzhen Mingguoshi Technology Co.,Ltd.

Manufacturer Address..... No.88-2,Songgang Section,Guangshen RD,Baoan District,
Shenzhen,China

Test Standards.....
KDB680106 D01 v02 RF Exposure Wireless Charging Apps

Test Result PASS

Tested by 
2016.05.04
Lu Lei, Test Engineer

Reviewed by..... 
2016.05.05
Zhu Qi, Senior EGINEER

Approved by 
2016.05.05
Wu Li'an, Manager

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Change History		
Issue	Date	Reason for change
1.0	2016.05.04	First edition

1. General Information

1.1. EUT Description

EUT Type	Wireless Charging
Hardware Version	N/A
Software Version	N/A
Power Supply	5V DC
EUT supports Radios application	WLAN2.4GHz 802.11b/g/n (HT20)
Frequency Range	110-205KHz
Antenna Type	Coil Antenna

Operating Environment	
Temperature	24°C
Humidity	57 % RH
Atmospheric Pressure	1010 mbar
Test mode:	
Continuously transmitting mode	Keep loading

1.2. Measurement Uncertainty

Parameter	Uncertainty
Magnetic Field	+/-23%
Electric Field	+/-15%

Uncertainty figures are valid to a confidence level of 95%

1.3. Test and Measurement Equipment

Test equipment list			
Description	Manufacturer	Model	Cal Date
EMF Meter	NARDA	ELT-400	09/01/2015
EMF Probe	NARDA	B-Field Probe	09/01/2015

Support equipment list			
Description	Manufacturer	Model	Cal Date
AC adapter	ZTE Corporation	LPL-A0050501002	NA
Load	NA	Load4	NA

1.4. Test Facilities

CNAS-Lab Code: L1659

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. CCIC is a third party testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L1659. A 12.8*6.8*6.4 (m) fully anechoic chamber was used for the radiated spurious emissions test.

FCC-Registration No.: 406086

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. 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 our files. Registration 406086, valid time is until October 28, 2017.

IC-Registration No.: 11185A-1

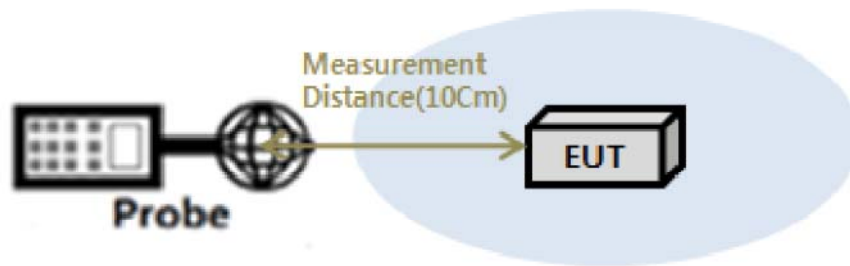
CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A-1 on July. 15, 2013, valid time is until July. 15, 2016.

2. Test Configuration and Test results

2.1. Test Configuration

E and H Field measurements were performed at a distance of 10cm laterally from the edges of the EUT. Testing was performed with the configurations: EUT charging the module

Setup block



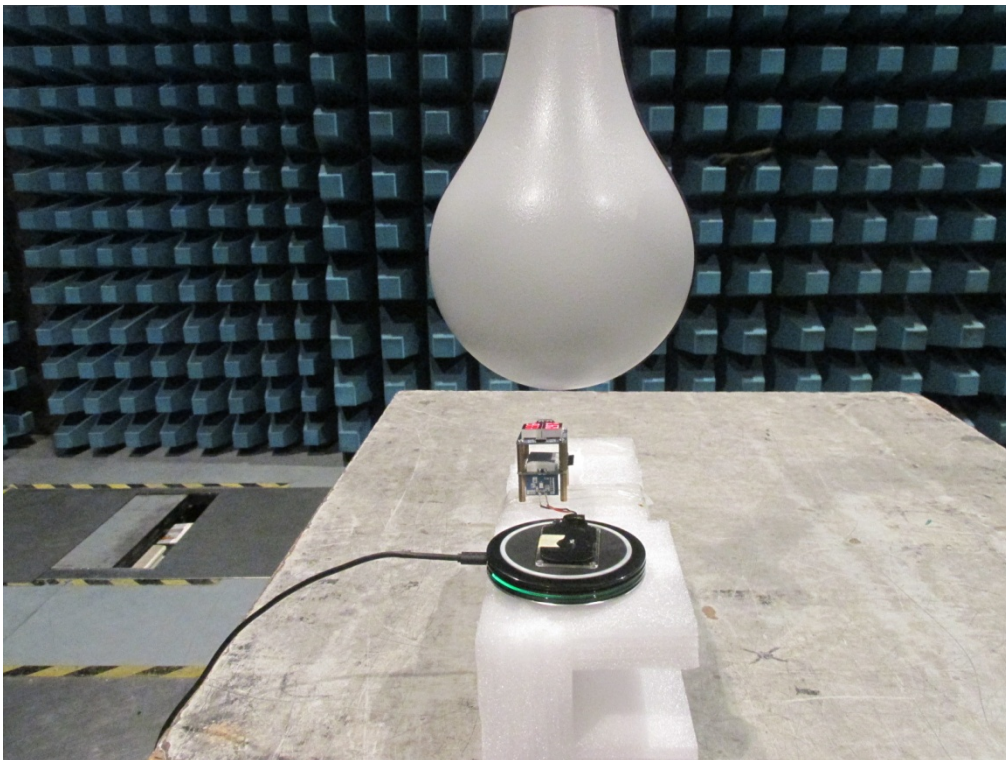
2.2. Test Results

EUT charging the module

Position	Distance(cm)	Electric Field Strength(V/m)	Limit(V/m)	Magnetic Field Strength(A/m)	Limit(A/m)
Edge A	10	1.88	614.0	0.581	1.63
Edge B	10	1.80	614.0	0.564	1.63
Edge C	10	1.83	614.0	0.572	1.63
Edge D	10	1.79	614.0	0.560	1.63
Top	10	1.84	614.0	0.577	1.63

Reported Measurements are the RMS average of multiple sweeps over a period of 30s

3. Test Setup Photos



**** END OF REPORT ****