

RF Exposure Test Report

Report No.: AGC02752180302FH02

FCC ID : 2AIGGTOTWOOCASE
APPLICATION PURPOSE : Original Equipment
PRODUCT DESIGNATION : TOTWOO Case
BRAND NAME : TOTWOO
MODEL NAME : TOTWOO Case
CLIENT : Beijing Xinyoulingxi Technology Co., Ltd.
DATE OF ISSUE : Jul. 31, 2018
STANDARD(S) : KDB 680106 D01 RF Exposure Wireless Charging App v03
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul. 31, 2018	Valid	Initial Release

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TABLE OF CONTENTS

1. VERIFICATION OF CONFORMITY	4
2. GENERAL INFORMATION.....	5
2.1. PRODUCT DESCRIPTION	5
3. DESCRIPTION OF TEST MODES.....	6
4. SYSTEM TEST CONFIGURATION	6
5. TEST FACILITY.....	6
6. RADIO FREQUENCY(RF) EXPOSURE TEST.....	7
6.1. LIMITS.....	7
6.2. TEST SETUP	7
APPENDIX A: PHOTOGRAPHS OF TEST SETUP.....	10

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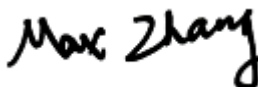
1. VERIFICATION OF CONFORMITY

Applicant	Beijing Xinyoulingxi Technology Co., Ltd.
Address	Room 106, Building A, Shong8 Design Park, No.27 West Dawang Road, Chaoyang District, Beijing, P.R.China. 100022
Manufacturer	Beijing Xinyoulingxi Technology Co., Ltd.
Address	Room 106, Building A, Shong8 Design Park, No.27 West Dawang Road, Chaoyang District, Beijing, P.R.China. 100022
Product Designation	TOTWOO Case
Brand Name	TOTWOO
Test Model:	TOTWOO Case
Date of test	Jul. 24, 2018 to Jul. 24, 2018
Deviation	None
Condition of Test Sample	Normal
Report Template	AGCRT-US-BR/RF

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in KDB 680106 D01.

Tested By



Max Zhang(Zhang Yi)

Jul. 31, 2018

Reviewed By



Bart Xie(Xie Xiaobin)

Jul. 31, 2018

Approved By



Forrest Lei(Lei Yonggang)
Authorized Officer

Jul. 31, 2018

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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	190KHz
Maximum field strength	42.79dBuV/m(Peak)@3m
Modulation	FSK
Number of channels	1
Antenna Gain	0dBi
Antenna Designation	Integrated Antenna (Met 15.203 Antenna requirement)
Hardware Version	V1.0
Software Version	V1.0
Power Supply	DC 3.7V by Battery or DC 5V by Micro-USB

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3. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Wireless charging Mode(1% Battery)
2	Wireless charging Mode(50% Battery)
3	Wireless charging Mode(99% Battery)
Note:	
1. The mode 1 was the worst case and only the data of the worst case record in this report.	

4. SYSTEM TEST CONFIGURATION

Item	Equipment	Model No.	ID or Specification	Remark
1	TOTWOO Case	TOTWOO Case	2AIGGTOTWOOCASE	EUT
2	TOTWOO Love Bloom Pendant	TOTWOO Love Bloom Pendant	Maximum power 0.25W	Support

5. TEST FACILITY

Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2F., Bldg.2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Bao'an District B112-B113, Bldg.12, Baoan Bldg Materials Center, No.1 of Xixiang Inner Ring Road, Baoan District, Shenzhen 518012
Description	The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2014.
IC Registration Number	9083B-1

TEST EQUIPMENT LIST

Description	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Broadband Field Meter	Narda Safety Test Solutions GmbH	NBM-550	J-0004	Jun.12, 2018	Jun.11, 2019
Probe FHP	Narda Safety Test Solutions GmbH	EHP-50F	J-0015	Jun.12, 2018	Jun.11, 2019

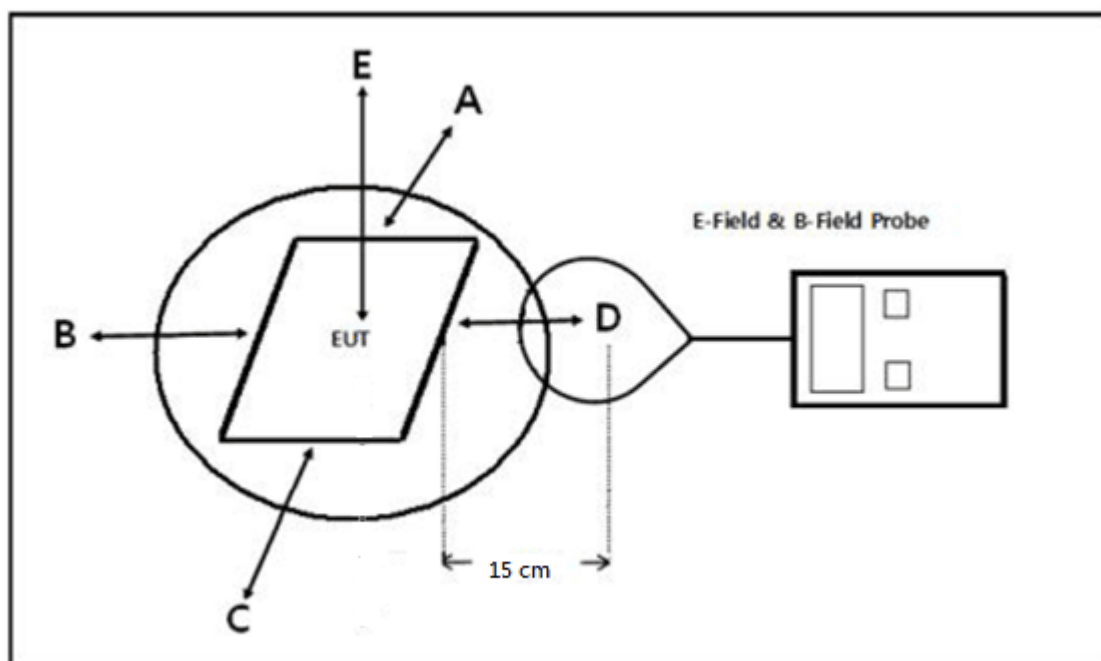
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6. RADIO FREQUENCY(RF) EXPOSURE TEST

6.1. LIMITS

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. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m.

6.2. TEST SETUP



Note: Position A: Front of EUT; Position B: Left of EUT; Position C: back of EUT; Position D: Right of EUT; Position E: Top of EUT

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6.3. TEST PROCEDURE

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 10 cm measured from the center of the probe(s) to the edge of the device.

6.4. TEST RESULT

Test condition: Mode 1

E-field strength test result:

Frequency Range	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)	Limit (V/m)
190kHz	0.15	0.13	0.15	0.15	1.24	614

H-field strength test result:

Frequency Range	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)	Limit (A/m)
190kHz	0.05	0.06	0.07	0.07	0.38	1.63

Test condition: Mode 2

E-field strength test result:

Frequency Range	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)	Limit (V/m)
172kHz	0.15	0.14	0.14	0.15	1.14	614

H-field strength test result:

Frequency Range	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)	Limit (A/m)
172kHz	0.07	0.07	0.07	0.07	0.27	1.63

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Test condition: Mode 3

E-field strength test result:

Frequency Range	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)	Limit (V/m)
168kHz	0.14	0.15	0.14	0.14	1.12	614

H-field strength test result:

Frequency Range	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)	Limit (A/m)
168kHz	0.07	0.07	0.06	0.08	0.25	1.63

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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Position E



Position A



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Position B



Position C



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Position D



---END OF REPORT---

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