RF EXPOSURE REPORT

For

FCC ID: 2AJC9GW13B

Product Name:	**Wireless Charger**
Trademark:	**N/A**
Model Number:	**GW13B** **GW13A, A2513**
Prepared For : Address :	**Shenzhen Gopod Tech Co., Ltd** 5/6F, Building8, Lianjian Industrial Park, Huarong Road, Longhua, Shenzhen, China
Prepared By : Address :	**Shenzhen BCTC Technology Co., Ltd.** No.101,Yousong Road,Longhua New District, Shenzhen,China
Report No.:	**BCTC-160709384-2E**

TEST RESULT CERTIFICATION

Applicant's name	Shenzhen Gopod Tech Co., Ltd
Address.....	5/6F, Building8, Lianjian Industrial Park, Huarong Road, Longhua, Shenzhen, China
Manufacture's Name.....	Shenzhen Gopod Tech Co., Ltd
Address.....	5/6F, Building8, Lianjian Industrial Park, Huarong Road, Longhua, Shenzhen, China
Product description	
Product name	Wireless Charger
Trademark	N/A
Model and/or type reference :	GW13B GW13A, A2513
Standards.....	FCC CFR 47 part1, 1.1307(b), 1.1310
Test Date:	Jul. 22 - Jul. 28, 2016
Date of Report :	Jul. 30, 2016

This device described above has been tested by BCTC, and the test results show that the equipment under And it is applicable only to the tested sample identified in the report.
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Testing Engineer	:	Sky Huang Sky Huang
Reviewer (Supervisor)	:	Jade Yang Jade Yang
Approved & Authorized Signer(Manager):	:	Carson Zhang Carson Zhang

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1. GENERAL INFORMATION

1.1. Independent Operation Mode

The basic operation mode is:

Final Test Mode	Description
Mode 1	TX Low Channel 110kHz
Mode 2	TX High channel 205kHz
Mode 3	RX Mode
Mode 4	Transfer mode(Battery's electric quantity was0%,50%,90%)

we pretest all mode, the report only show the worst mode.

1.2. Test Supporting System

Adapter (Provide by test lab)
Description : Switching Adapter
Model No. : S3010
Power Input : AC 100-240V~50/60Hz 0.3A
Output : DC 5.0V/ 3A / 9.0V/ 2A / 12V/1.5A
USB Line : Unshielded, Detachable 0.8m

Mobile phone (Provide by test lab)
Manufacture: SAMSUNG
Model No. : SM-G930FD
Battery model: SM-B07015000

2.LIST OF TEST AND MEASUREMENT INSTRUMENTS

2.1. For conducted emission at the mains terminals test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Exposure Level Tester	Narda	ELT-400	N-0231	Aug. 08,15	Aug. 07,16
Magnetic field probe 100cm2	Narda	B-Field Probe 100cm2	M0675	Aug. 08,15	Aug. 07,16
843 Chamber	ETS	843	84301	Aug. 02,15	Aug. 01,16

3. METHOD OF MEASUREMENT

3. 1.Applicable Standard

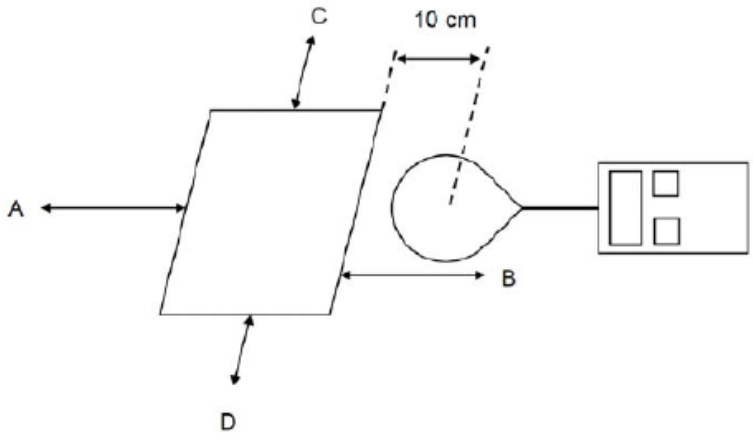
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v02: RF Exposure Wireless Charging Apps v02.

4. TEST RESULT

4.1. Conducted Emission at the Mains Terminals Test

Test Setup

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.

4.2. 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 4.9W<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 onlybetween 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 70.56 cm^2(Dimensions: 8.4 cm x8.4 cm) (L*W)

f) Aggregate leakage fields at 10cm surrounding the device from all simultaneous transmitting coilsare demonstrated to be less than 30% of the MPE limit.

Yes; The EUT field strength levels are 30% x MPE limit.

4.3. E and H field Strength

E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Reference Limit (V/m)	Limits Test (V/m)
0.110-0.205	0.42	0.53	0.41	0.43	0.52	0.61	184.2	614

H-Filed Strength at 10 cm from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Reference Limit (V/m)	Limits Test (V/m)
0.110-0.205	0.11	0.12	0.13	0.07	0.11	0.07	0.489	1.63

5. PHOTOGRAPHS OF TEST SET-UP