RF EXPOSURE REPORT
For
FCC ID: 2AO5P-BZ02

Product Name:	**Smart phone holder**
Trademark:	**N/A**
Model Number:	**BZ-02** **BZ-03, BZ-04, BZ-05, BZ-06, BZ-07, BZ-08, BZ-09, BZ-10, BZ-11, BZ-12, BZ-13, BZ-14, BZ-15, BZ-16, BZ-17, BZ-18, BZ-19, BZ-20**
Prepared For : Address :	**Shenzhen Bestart Technology Co.,Ltd** 901 Room, Jinhong Building, Xingwei Road, Xixiang, Bao'an District, Shenzhen, Guangdong, China.
Prepared By : Address :	**Shenzhen BCTC Testing Co., Ltd.** BCTC Building & 1-2F, East of B Building, Pengzhou Industrial, Fuyuan 1st Road, Qiaotou Community, Fuyong Street, Bao'an District, Shenzhen, China
Test Date:	**Jan. 08 - Jan. 15, 2018**
Date of Report :	**Jan. 15, 2018**
Report No.:	**BCTC-FY171107765-1E**

TEST RESULT CERTIFICATION

Applicant's name	:	**Shenzhen Bestart Technology Co.,Ltd**
Address	:	901 Room, Jinhong Building, Xingwei Road, Xixiang, Bao'an District, Shenzhen, Guangdong, China.
Manufacture's Name	:	**Shenzhen Bestart Technology Co.,Ltd**
Address	:	8th Floor, A2 Building Tianrui Industrial Park, Fuyuan Road, Fuyong, Bao'an District, Shenzhen, Guangdong, China.
Product description		
Product name	:	**Smart phone holder**
Trademark	:	**N/A**
Model and/or type reference	:	**BZ-02**
Serial Model	:	BZ-03, BZ-04, BZ-05, BZ-06, BZ-07, BZ-08, BZ-09, BZ-10, BZ-11, BZ-12, BZ-13, BZ-14, BZ-15, BZ-16, BZ-17, BZ-18, BZ-19, BZ-20
Model Difference	:	All the model are the same circuit and RF module, except model names.
Standards	:	FCC CFR 47 part1, 1.1307(b), 1.1310

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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Reviewer(Supervisor):	Jade Yang
Approved(Manager):	Carson Zhang

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1. GENERAL INFORMATION

1.1. Independent Operation Mode

The basic operation mode is:

1.1.1. Charging

1.2. Test Supporting System

Adapter
Description : Adapter
Model No. : BCTC002
Power Input : AC 100-240V~50/60Hz 0.4A
Output : 5V ⎓ 2A
USB Line : Unshielded, Detachable 0.8m

Mobile phone
Model No. : OPPO R9
Battery model: BLP609
electric quantity:50%

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. 08,17	Aug. 07,19
Magnetic field probe 100cm2	Narda	B-Field Probe 100cm2	M0675	Aug. 08,17	Aug. 07,19
843 Chamber	ETS	843	84301	Aug. 27,17	Aug. 26,19

3. METHOD OF MEASUREMENT

3. 1.Applicable Standard

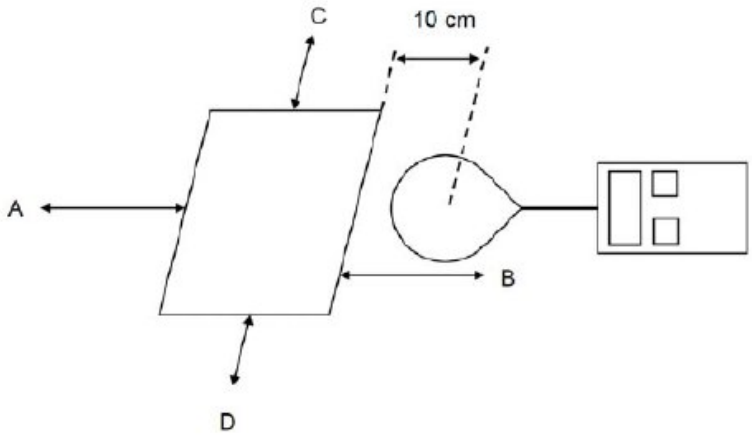
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According 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 100 KHz to 200 KHz

b)Output power from each primary coil is less than 5 watts

Yes; the maximum output power of the primary coil is 4.95W<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 68.82 cm2(Dimensions: 9.3cm x7.4cm)L x 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	Limits Test (V/m)
0.100-0.200	0.84	1.01	0.75	0.77	1.05	1.11	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	Limits Test (V/m)
0.100-0.200	0.27	0.38	0.33	0.36	0.29	0.44	1.63

5. Photographs of test set-up