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FCC TEST REPORT

Client Name : Shenzhen Three Bees E-Commerce Co., Ltd.

Address Building A, Jianjin Industrial Park Donghuan 2nd Road,

Longhua Street Shenzhen China 518000

Product Name : Fast Wireless Charging Pad

Date : Oct. 21, 2020

Shenzhen Anbotek Compliance Laboratory Limited
Approved



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Email: service@anbotek.com



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TEST REPORT

Applicant : Shenzhen Three Bees E-Commerce Co., Ltd.

Manufacturer : Shenzhen USV Technology Co., Ltd.

Product Name : Fast Wireless Charging Pad

Model No. : U6

Trade Mark : NANAMI

Rating(s) Input: AC 120V, 60Hz for adapter, 2A

Output: 5W, 7.5W,10W,15W

Test Standard(s) : FCC Part 1.1310, 1.1307(b)

Test Method(s) : KDB680106 D01 RF Exposure Wireless Charging Apps v03

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 1.1307 & KDB680106 D01 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt	Sept. 02, 2020
Date of Test	Sept. 02~22, 2020
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Reviewer	abotek Anbotek Anbotek Anbo
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Approved & Authorized Signer	the state of the s
	(Manager / Kingkong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

Code: AB-RF-05-a





1. General Information

1.1. Client Information

Applicant	: Shenzhen Three Bees E-Commerce Co., Ltd.
Address	Building A, Jianjin Industrial Park Donghuan 2nd Road, Longhua Street Shenzhen China 518000
Manufacturer	Shenzhen USV Technology Co., Ltd.
Address	7th Floor, Building C4, Hengfeng Industrial City, Xixiang Street, Baoan District, Shenzhen
Factory	Shenzhen USV Technology Co., Ltd.
Address	7th Floor, Building C4, Hengfeng Industrial City, Xixiang Street, Baoan District, Shenzhen

1.2. Description of Device (EUT)

Product Name	:	Fast Wireless Charging Pa	d Anbotek Anbotek Anbotek Anbotek						
Model No.	:	U6 And	otek Anbotek Anbotek Anbotek Ant						
Trade Mark	:	NANAMI	Inport Ambotek Anbotek Anbotek						
Test Power Supply	:	AC 120V, 60Hz for adapter	Ambotek Ambotek Ambotek Ambotek						
Test Sample No.	:	1-2-1(Normal Sample), 1-2	1-2-1(Normal Sample), 1-2-1(Engineering Sample)						
o		Operation Frequency:	110.1-205KHz						
Product		Modulation Type:	MSK						
Description		Antenna Type:	Inductive loop coil Antenna						
		Antenna Gain(Peak):	0 dBi shorek Anborek Anborek						

Remark: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



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1.3. Auxiliary Equipment Used During Test

Adapter : M/N: A2013 Input: 100-240V-0.7A 50-60Hz Output: 3.6-5.5V = 3A / 6.5-9V = 2A / 9-12V = 1.5A

1.4. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Ant 1	Magnetic field meter	NARDA	ELT-400	423623	Dec. 23, 2019	1 Year
2	E-Field Probe	Narda	EF0391	Q15221	Nov.17, 2017	3 Year
3	H-Field Probe	Narda	HF3061	Q15835	Nov.17, 2017	3 Year

1.5. Measurement Uncertainty

Radiation Uncertainty	:	Ur = 3.9 dB (Horizontal)	k Anbe	Anbotek Anbote
		Ur = 3.8 dB (Vertical)	e. And hotek	Anbotek Anbo.
		otek Anbotek An	port And botel	Anbotek Anbo
Conduction Uncertainty	:	Uc = 3.4 dB	Anbore An	itek Anboten Ant

1.6. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed 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 No. 184111, September 30, 2020.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A, September 30, 2020.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. 518102

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2. Measurement and Result

2.1. Requirements

According to the item 5.b) of KDB 680106 D01v03:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

- 1) Power transfer frequency is less that 1 MHz
- 2) Output power from each primary coil is less than or equal to 15 watts.
- 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
- Client device is inserted in or placed directly in contact with the transmitter
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
- 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Limits For Maximum Permissible Exposure (MPE)

D0.	PS. 40	Y	D'A.	161 - Vb.
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm²)	Averaging time (minutes)
	(A) Limits for Occ	cupational/Controlled Ex	posures	
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	I	I	f/300	6
1500-100,000	1	1	5	6
	(B) Limits for Genera	l Population/Uncontrolle	ed Exposure	*
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	1	1	f/1500	30
1500-100,000	I	I	1.0	30

F=frequency in MHz

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

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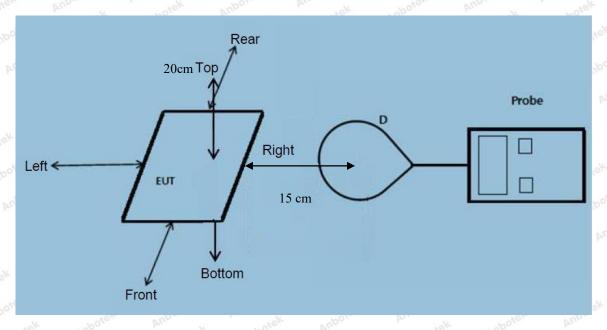
Hotline 400-003-0500 www.anbotek.com

^{*=}Plane-wave equivalent power density



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2.2. Test Setup



Note: Measurements should be made at 15 cm surrounding the EUT and 20cm above the top surface of the EUT.

2.3. Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at required test distance which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points
- (A, B, C, D, E) were completed.(A is the right, B is the back, C is the left, D is the front, and E is the top.)
 4) The EUT was measured according to the dictates of KDB 680106 D01 v03.

Remark

The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.4. Test Result

- 2.4.1. Equipment Approval Considerations item 5.b of KDB 680106 D01 v03.
- 1) Power transfer frequency is less that 1 MHz
 - The device operate in the frequency range 110.1~205KHz
- 2) Output power from each primary coil is less than 15 watts
 - The maximum output power of the primary coil is 15W.

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- 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
- The transmission system comprising a charging system with only one primary coils will only detect and allow between a single coil pair.
- 4) Client device is inserted in or placed directly in contact with the transmitter
 - Client device is placed directly in contact with the transmitter.
- Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
 - The EUT is a Mobile Power Pack with Wireless Charger.
- 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.
- Conducted the measurement with the required distance and the test results please refer to the section 2.4.2

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2.4.2. Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(b), 1.1310

Temperature:	23.6°C	Relative Humidity:	55%
Pressure:	1012 hPa	Test Voltage:	AC 120V, 60Hz for adapter

E-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

Battery	Frequency	Test	Test	Test	Test	Test	Reference	Limits
VUL	Range	Position	Position	Position	Position	Position	Limit	Test
power	(KHz)	A A	otek B M	С	Dek	ALEO TEN	(V/m)	(V/m)
lek Yup,	Plen Yupo	otek p	nbotek	Anbore	photek	Anbore	Y VUD	lek b
1%	110.1~205	0.14	0.39	0.17	0.64	0.79	307	614
nbotek	Anboten	Anborek	Anbotek	Anboro	rek Wil	potek	rupoten Vi	
Anbotek	Anbore	Aur	Anbot	ak Anb	otek h	Anborek	Anbore	Ann
50%	110.1~205	1.53	1.59	1.39	1.3	1.25	307	614
ek upc	tek Anbot	K And	worek.	Anbotek	Aupor	Ar.	Anborer	
rek po	ibotek Ani	ole. b	hotek	Anbotek	Vupo.	ek sup	otek Aupor	P
99%	110.1~205	2.67	2.4	2.84	2.4	2.22	307	614
Anboro	All	Anboten	Anbo	k Anbo	kek Mul	on b	abotek	
Anbortek	an abotek	Anboren	Y VUDO	otek A	botek	Aupo, rek	anbotek .	Anborer
Stand-by	110.1~205	0.1	0.19	0.79	0.04	0.93	307	614
yk Aupo,	Par Tr	otek Ar	poter	inbo	anbotek	Anboro	ok bu.	



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H-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

- No.	garat re	Park	arranig ar	1000	- V	- 0/4	7000 P	O.
Pattony	Frequency	Test	Test	Test	Test	Test	Reference	Limits
Battery	Range	Position	Position	Position	Position	Position	Limit	Test
power	(KHz)	Α	otek B A	hote C	Yupa D	Entotek	(A/m)	(A/m)
ek Ant	otek Anbe	rek	nbotek	Anbore	Vunn Potek	Anbote	Aupo	iek bu
1%	110.1~205	0.58	0.78	0.75	0.18	0.54	0.815	1.63
botek		Anbore	Air	Anbote	K Anbe	work A	nbotek Ar	porc *ek
Anshotek	Anborek	Aupo	r nbo	ick Aut	ole V	botek	Anborek	Vupo.
50%	110.1~205	0.19	0.51	0.10	0.22	0.81	0.815	1.63
K Anto		ek Aup	o. A	abotek	Anbote.	Anti	Anbotek	Ant
Arr.	hotek Ar	potek F	upo,	Anbotek	Anbore	ok No	rek Anbot	ek.
99%	110.1~205	0.09	0.23	0.50	0.52	0.12	0.815	1.63
Anbotek		Anbotek	Anboro	ek ab	otek pr	poter A	loo otek	anbotek
Anboren	Anabotek	Anbotel	Anbo	rek bu	obotek	Anboren	Anshorek	Anbote
Stand-by	110.1~205	0.44	0.57	0.66	0.30	0.56	0.815	1.63
K Anbo		rek h.	botek	Anbore	An	Anbotek	Aupo	K.

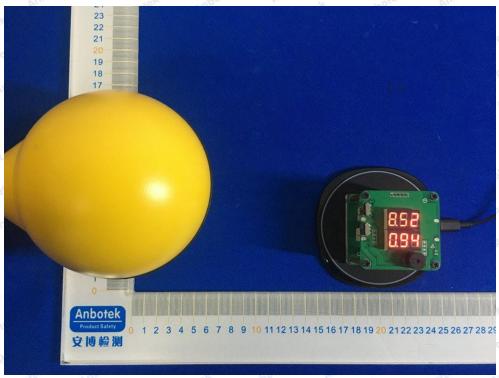
Note: (1)All the situation(full load, half load and empty load) has been tested, only the worst situation (full load, Wireless Output: 15W) was recorded in the report.



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APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of MPE Measurement





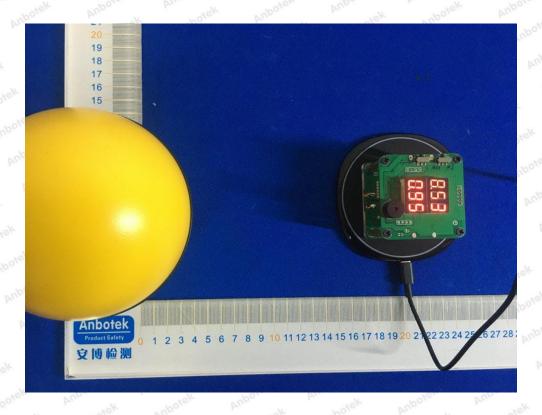
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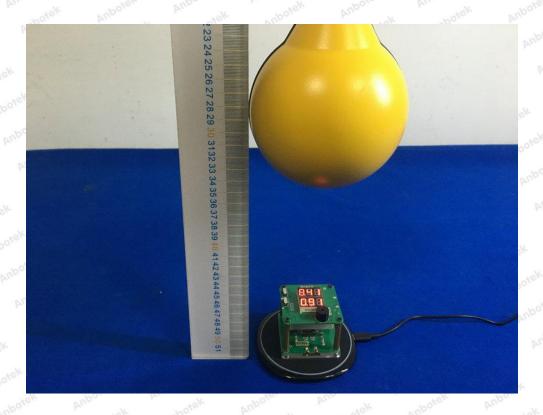
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