

Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 1 of 14

FCC TEST REPORT

Client Name : SHENZHEN DNS INDUSTRIES CO., LTD.

23/F Building A, Shenzhen International Innovation

Address : Center, No.1006 Shennan Road, Futian, Shenzhen,

China

Product Name : Wireless Charger

Date : Jul.17, 2021

Shenzhen Anbotek Compliance Laboratory Limited
Approved



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 2 of

Contents

1. General Information					
1.1. Client Information		Vur.		Anbo,	
1.2. Description of Device (EUT)		Anbo,		L 200016	Anu
1.3. Auxiliary Equipment Used During Tes	t	pupote	Vun		otek P
1.4. Test Equipment List					Hotek
1.5. Measurement Uncertainty	Anbo		watek	upote.	70
1.6. Description of Test Facility	ate ^k An	pole. P		Killy Otek	Anbo
2. Measurement and Result		,,,botek	Anbo	n dek	Anbore
2.1. Requirements	Upo.	n.	Mpore		E
2.2. Test Setup	Anbore		an boten	Anbo	
2.3. Test Procedure	aboten.	And		rek Anb	
2.4. Test Result		k Anbo	bu.		opoles
ADDENDIY I TEST SETUD DHOTOGRADH					atek 1

Code: AB-RF-05-a



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 3 of 14

TEST REPORT

Applicant : SHENZHEN DNS INDUSTRIES CO., LTD.

Manufacturer : SHENZHEN DNS INDUSTRIES CO., LTD.

Product Name : Wireless Charger

Model No. : WD-268A

Trade Mark : DNS, omars, mbest, NOVOO, KEYMOX

Rating(s) : Input: DC5V/2A, 9V/2A, 12V/2A Output: 5W, 7.5W, 10W, 15W(Max)

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	Jun. 04, 2021
Date of Test	Jun. 04~29, 2021
	Ella Liang
Prepared By	tek abotek Janbo. Ik motek
	(Ella Liang)
	(ingkong)in
Approved & Authorized Signer	from Dr
otek Anbotek Anbotek Anbotek	(Kingkong Jin)



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 4 of 14

1. General Information

1.1. Client Information

Applicant	: SHENZHEN DNS INDUSTRIES CO., LTD.
Address	23/F Building A, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian, Shenzhen, China
Manufacturer	: SHENZHEN DNS INDUSTRIES CO., LTD.
Address	23/F Building A, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian, Shenzhen, China
Factory 1	: HUIZHOU D&S CABLE CO., LTD.
Address 1	Longjin Dongjiang Industry Zone Shuikou, Huicheng, Huizhou, Guangdong China
Factory 2	HUIZHOU DNS TECHNOLOGY CO., LTD
Address 2	5 Dongshun South Road, Dongjiang Hi-tech Industrial Park, Zhongkai Hi-tech Zone, Huizhou City, Guangdong, China
Factory 3	D AND S INDUSTRIES (PHILIPPINES) CORPORATION
Address 3	1 to 5 Orient Goldcrest Suntrust Ecotown Building 2, Lot 8 Block 8, Sahud Ulan, Suntrust Ecotown Tanza, Region IV-A, Cavite, Philippines

1.2. Description of Device (EUT)

Product Name	:	Wireless Charger	Anborek Anborek Anborek Anborek
Model No.	:	WD-268A	Anborrek Anborek Anborek Anb
Trade Mark	:	DNS, omars, mbest, NOVOO,	KEYMOX
Test Power Supply	:	AC 120V, 60Hz for adapter/ A	C 240V, 60Hz for adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(I	Engineering Sample)
		Operation Frequency:	110.1-205KHz
Product		Modulation Type:	QI Anbotek Anbotek Anbotek Anbo
Description		Antenna Type:	Inductive loop coil Antenna
P		Antenna Gain(Peak):	0 dBi
All I ALE	SIL	- NOO	hote Am sell mode

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

Shenzhen Anbotek Compliance Laboratory Limited

Code: AB-RF-05-a





Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 5 of 14

1.3. Auxiliary Equipment Used During Test

Adapter	:	M/N: A2630
		Input: 100-240V-1.3A,50-60Hz
		USB-C Output: 5V=3A, 9V=2A USB-A Output: 5V=4A
Wireless charging		Manufacturer: Shenzhen Ouju Technology Co., Ltd.
load		M/N: CD2577
		Power: 5W/7.5W/10W/15W
, i		Last Cal.: Oct. 26, 2020
		Cal. Interval: 1 Year

1.4. Test Equipment List

Item	Equipment	Manufacturer	Manufacturer Model No.		Last Cal.	Cal. Interval
1 1 tel	Magnetic field meter	NARDA	ELT-400	423623	Dec. 24, 2018	3 Year
2	E-Field Probe	Narda	EF0391	Q15221	Nov.17, 2020	3 Year
3	H-Field Probe	Narda	HF3061	Q15835	Nov.17, 2020	3 Year

1.5. Measurement Uncertainty

Radiation Uncertainty	:	Ur = 3.9 dB (Horizontal)	up. Potek	Anborek	Anbota
		Ur = 3.8 dB (Vertical)	And	Anbotek	Anbo
		Hek Anbotek Anbote	All.	ak Anbotek	Anbo
Conduction Uncertainty	:	Uc = 3.4 dB	ak al	ootek Anbote	And



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 6 of 14

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



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 7 of 14

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
- 4) 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)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	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	I	1	f/1500	30
1500-100,000	1	1	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).



Code:AB-RF-05-a

Hotline

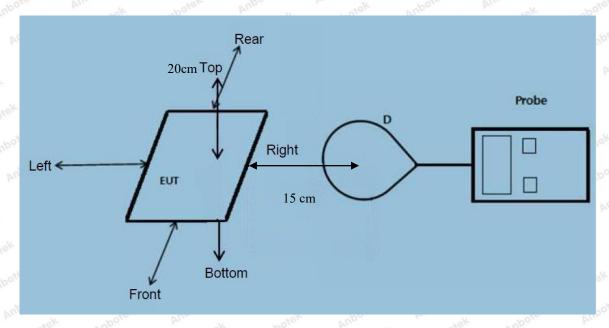
Hotline 400-003-0500 www.anbotek.com

^{*=}Plane-wave equivalent power density



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 8 of 14

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.

Shenzhen Anbotek Compliance Laboratory Limited

Code: AB-RF-05-a



Fax: (86) 755-26014772



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 9 of 14

- 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 transfer system including a charging system with only single primary coils is to detect and allow only between individual pairs of coils.
- 4) Client device is inserted in or placed directly in contact with the transmitter
- Client device is placed directly in contact with the transmitter.
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
 - The EUT is a Mobile exposure conditions
- 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.

Code: AB-RF-05-a



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 10 of 14

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

Temperature:	22.5°C	Relative Humidity:	49 %
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

V 1-01	Dir.		1/10	-07		L LaD	5261
Frequency	Test	Test	Test	Test	Test	Reference	Limits
Range	Position	Position	Position	Position	Position	Limit	Test
(KHz)	And A	Borek	Cipore	DAIII	otek E	(V/m)	(V/m)
110 1-205	Aupapolek	Anbore	JK Anbo	-otek	unbotek	Aupoter	Anborel
	0.34	0.43	0.38	0.39	0.51	307	614
tek Anbore	V Vup	Yora	Inpotek	Aupor	Ai.	Anboten	And
440.4.005	Ofer A	in rotek	Anbotek	Aupo.	k who	lek Anbore	Y P.
	1.40	1.84	1.33	1.46	1.63	307	614
KHZ	Anbotek	Anbo.	e Pupo,	ek Anb	ote. A	hotek	inposek
p.n. hotek	Anbotek	Aupo	Helt Vi	potek p	mbois	Andotek	Anborek
	2.39	2.79	2.40	2.35	2.81	307	614
KHZ	otek an	potek p	upor	Al. abotek	Anboten	Y Vote	L D.T
poter. Aug	hotek	Anbotek	Pupo,	anbotel	Anbo	or bus	rek
	0.47	0.62	0.46	0.45	0.59	307	614
KHz	Aup	abotel	Anbor	bit.	- otek	anboten A	up
	Range	Range (KHz) Position A 110.1-205	Range (KHz) Position A Position B 110.1-205 KHz 0.34 0.43 110.1-205 KHz 1.40 1.84 110.1-205 KHz 2.39 2.79 110.1-205 KHz 0.47 0.62	Range (KHz) Position A Position B Position C 110.1-205 KHz 0.34 0.43 0.38 110.1-205 KHz 1.40 1.84 1.33 110.1-205 KHz 2.39 2.79 2.40	Range (KHz) Position A Position B Position C Position D 110.1-205 KHz 0.34 0.43 0.38 0.39 110.1-205 KHz 1.40 1.84 1.33 1.46 110.1-205 KHz 2.39 2.79 2.40 2.35 110.1-205 KHz 0.47 0.62 0.46 0.45	Range (KHz) Position A Position B Position C Position D Position E 110.1-205 KHz 0.34 0.43 0.38 0.39 0.51 110.1-205 KHz 1.40 1.84 1.33 1.46 1.63 110.1-205 KHz 2.39 2.79 2.40 2.35 2.81 110.1-205 KHz 0.47 0.62 0.46 0.45 0.59	Range (KHz) Position A Position B Position C Position D Position E Limit (V/m) 110.1-205 KHz 0.34 0.43 0.38 0.39 0.51 307 110.1-205 KHz 1.40 1.84 1.33 1.46 1.63 307 110.1-205 KHz 2.39 2.79 2.40 2.35 2.81 307 110.1-205 KHz 0.47 0.62 0.46 0.45 0.59 307



Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 11 of 14

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

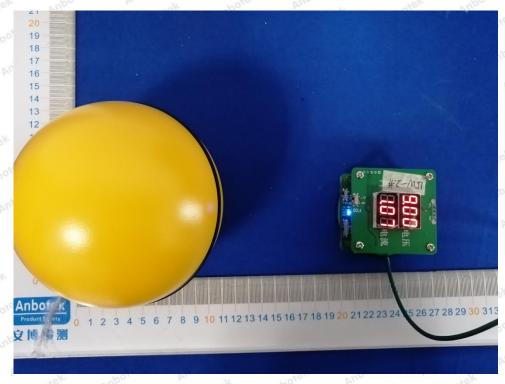
Battery power	Frequency Range (KHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
1%	110.1-205 KHz	0.025	0.047	0.053	0.037	0.047	0.815	1.63
50%	110.1-205 KHz	0.36	0.45	0.35	0.35	0.52	0.815	1.63
99%	110.1-205 KHz	0.47	0.65	0.54	0.36	0.35	0.815	1.63
Stand-by	110.1-205 KHz	0.58	0.40	0.50	0.62	0.48	0.815	1.63

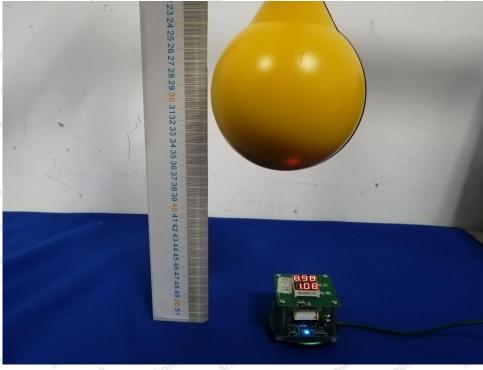


Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 12 of 14

APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of MPE Measurement

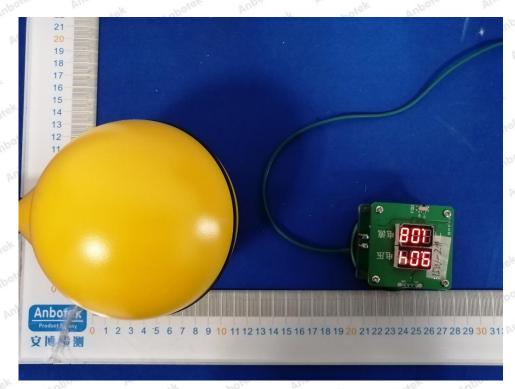


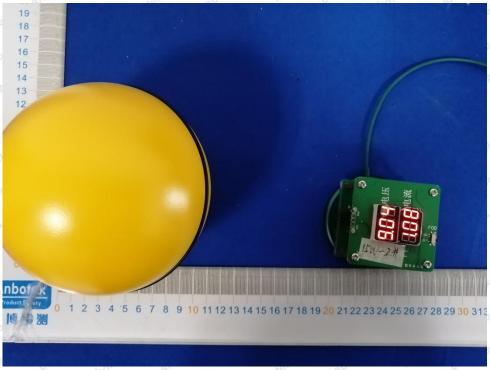


Shenzhen Anbotek Compliance Laboratory Limited



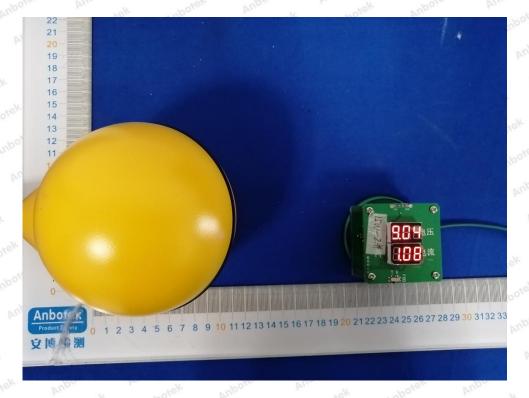
Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 13 of 14







Report No.: 18220WC10120002 FCC ID:ZBCWD268A Page 14 of 14



----- End of Report -----