

 Report No.: 18220WC10068502
 FCC ID:2ASQY-WD-300
 Page 1 of 13

FCC TEST REPORT

Client Name	Shenzhen Lanlian Digital Technology Co., Ltd.
Ante Anbotek Anbot	424, Qingfeng Building, 11 Longgang Rd., Pingnan
Address	Community, Longgang Subdistrict, Longgang District, Shenzhen
Product Name	: Wireless Charging Clock Speaker

Date

: Jun. 16, 2021



Shenzhen Anbotek compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 Page 2 of 13

Contents

1. General Information	Anbo		Watek	popore	Pur		4
1.1. Client Information			Aur		Ant Ant		4
1.2. Description of Device (EUT)		botek	Anbo		ote ^{lk}	nbore	4
1.3. Auxiliary Equipment Used During	Test	Hotok	Anbore	Pur		hubotek	5
1.4. Test Equipment List		Aur	N	stek	inbo		5
1.5. Measurement Uncertainty	botek	Anbo		Hotek	Anbore	Pur	5
1.6. Description of Test Facility	dek	pinte	o ^{te} P		whote	e put	5
2. Measurement and Result	Nur	Å	oboten	Anbu		otek	
2.1. Requirements	Anbu		anotek.	Anbor	bh.	No.K	6
2.2. Test Setup	0.0	por	Phil.		oten p	mb-	7
2.3. Test Procedure	et.	naboten	Anb		, botek	Anboi	7
2.4. Test Result			4 Anbo	P		unbote	7
2.4.1. Equipment Approval Considera	tions ite	em 5.b of	KDB 680	106 D01 v	03		o ^{tek} 7
2.4.2. Environmental evaluation and	exposi	ure limit	according	to FCC (CFR 47 p	art 1, 1.1	307(b)
1.1310	hot	9 ³⁴	nbor	Put	anbr	te. P	
APPENDIX I TEST SETUP PHOTOGRA	APH	ote ^k	Anboten	Anb	,alt	potek	

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300

Page 3 of 13

TEST REPORT

Applicant	Shenzhen Lanlian Digital Technology Co., Ltd.
Manufacturer	Dongguan Chuanglian Technology Co., Ltd.
Product Name	: Wireless Charging Clock Speaker
Model No.	: WD-300, WD-300 5~15W, WD-300A, WD-300B, WD-300C, WD-300D
Trade Mark	ik N.A. Anborek
Rating(s)	Input: DC 5V/3A, DC 9V/2A, DC 12V/1.5A : Output: DC 5V/1A Output power: 5W/7.5W/10W/15W Max
Test Standard(s) Test Method(s)	 FCC Part 1.1310, 1.1307(b) 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 Date of Test

Prepared By

Apr. 15, 2021 Apr. 16~May 25, 2021

Lians Ella

(Ella Liang)

Approved & Authorized Signer

gungin

(Kingkong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 Page 4 of 13

1. General Information

1.1. Client Information

Applicant	Shenzhen Lanlian Digital Technology Co., Ltd.	anbo
Address	424, Qingfeng Building, 11 Longgang Rd., Pingnan Community, Longgang Subdistrict, Longgang District, Shenzhen	P3
Manufacturer	Dongguan Chuanglian Technology Co., Ltd.	×
Address	Level 3,Building 3,No.19 Jinpeng Road,Fenggang Town, Dongguan, Guangdong, China	otek
Factory	Dongguan Chuanglian Technology Co., Ltd.	
Address	Level 3, Building 3, No. 19 Jinpeng Road, Fenggang Town, Dongguan	br.

1.2. Description of Device (EUT)

Product Name	:	Wireless Charging Clock	Speaker			Anbote
Model No.	:	WD-300, WD-300 5~15W (Note: All samples are the "WD-300" for test only.)				ek l
Trade Mark	:	N.A	Anboten Anbo	4 Anb	otek An	pore hotek
Test Power Supply	:	AC 120V, 60Hz for adapt	er Anbo	otek I	Inbore	Anbotel
Test Sample No.	:	1-2-1(Normal Sample), 1	2-1(Engineering Sampl	e)	Anbotek	Anbr
		Operation Frequency:	110.1-205KHz	Anu	Anbote	P AK
Product		Modulation Type:	ASK	Anbr	otek Ant	botek
Description		Antenna Type:	Inductive loop coil Ar	ntenna	nbois	Anbotek
		Antenna Gain(Peak):	0 dBi	iboto.	Am	Anbo

or the User's Manual.

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 Page 5 of 13

1.3. Auxiliary Equipment Used During Test

Adapter	:	M/N: A2613
		Input: 100-240V-2A,50-60Hz
		USB-C Output: V== 2.4A / 9V== 3A / 15V== 3A / 20V== 3A
Wireless	:	Manufacturer: Gopod Group Holding Limited.
charging load		M/N: DTE324EM
		Power: 5W/7.5W/10W/15W
4		Last Cal.: Oct. 30, 2020
		Cal. Interval: 1 Year

1.4. Test Equipment List

Report No.: 18220WC10068502

2	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
o	1	Magnetic field meter	NARDA	ELT-400	423623	Dec. 24, 2018	3 Year
37	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 (H	Horizontal)	wotek p	nbotek	Anbor Ar	10
		Ur = 3.8 dB (\	/ertical)	nº hotek	Anbotek	Anbo. tek	pa.
		h. hotek	Anboro	Annobotek	Anbotek	Anbo	
Conduction Uncertainty	:	Uc = 3.4 dB	Anbort	Annabotek	Anbore	k Anbo	e¥.

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

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 Page 6 of 13

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.

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	upational/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	1	Ι	f/300	6								
1500-100,000	1	1	5	6								
	(B) Limits for Genera	I Population/Uncontrolle	ed Exposure	<u>e</u>								
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	1	T	1.0	30								

Limits For Maximum Permissible Exposure (MPE)

F=frequency in MHz

*=Plane-wave equivalent power density

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).

Shenzhen Anbotek Compliance Laboratory Limited

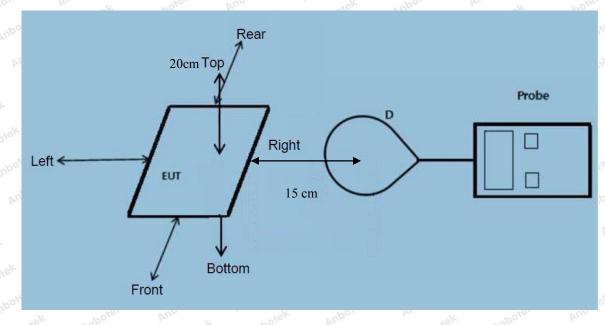
Code:AB-RF-05-a

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Anbotek Product Safety

Report No.: 18220WC10068502 FCC ID:2ASQY-WD-300 Page 7 of 13

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

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 Page 8 of 13

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 2.4.2

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a

Report No.: 18220WC10068502 FCC ID:2ASQY-WD-300 Page 9 of 13

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

Temperature:	abotek	23.1°C	Relative Humidity:	51%
Pressure:	notek	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

	Plu	oten	NUPPO	10	No.V-	10010	Stor	oter
Battery	Frequency	Test	Test	👌 Test 💦	Test	Test	Reference	Limits
DUL	Range	Position	Position	Position	Position	Position	Limit	Test
power	(KHz)	A A Anb	ot ^{ek} B pi	C	D	AIE oten	(V/m)	(V/m)
tek Anb	prov Ario	hotek F	nbotek	Anbo	Anbotek	Anbore	PUN PUN	iek Ar
1%	110.1~205	0.42	0.51	0.46	0.47	0.59	307	614
Anbotek	Anbote	Anubotek	Anbotek	Anbo	tek h	potek	inbote. Ar	botek
Anbotek	Anboro	An-	Anbot	and And	- otek	Anbotek	Anboro	All
50%	110.1~205	1.38	1.82	1.31	1.44	1.61	307	614
ek nob	tek Anbor	An	hotek	Anbotek	Anbo	hote	Anbore	RUM
stek N	ibotek An	A Voi	botek	Anboten	Anbo	et and	prek Anbor	All All
99%	110.1~205	2.38	2.78	2.39	2.34	2.80	307	614
	A. anbotek	Anbore	Annoh	K Anbo	tek Ant	stek p	onbotek	Anbore
Anbo	Anbotek	Anboro	ok prin	otek A	boten	Anbo	Anbotek	Anboio
Stand-by	110.1~205	0.46	0.61	0.45	0.44	0.58	307	614
	stek sak	otek pr	pote.	kn- botek	Anbotek	Anbo	tek nbote	K Ant

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



Report No.: 18220WC10068502 FCC ID:2ASQY-WD-300 Page 10 of 13

		DAY.	0.0	C				
Battery	Frequency	Test	Test	Test	Test	Test	Reference	Limits
00	Range	Position	Position	Position	Position	Position	Limit	Test
power	(KHz)	A	otek B	C	Dek	Antotek	(A/m)	(A/m)
tek Ant	otek Aubc	-telt	nbotek	Anboto	Anthotel	Anbote	Aupo	lek .
1%	110.1~205	0.030	0.052	0.058	0.042	0.052	0.815	1.63
hotek	Anbotek	Anbo	Anbotek	Anbot	Anu	hotek p	nbotek Ar	bo. stek
Anshotek	Anbotek	Anbo	t nobo	rok Ant	A No	botek	Anboten	Anbo
50%	110.1~205	0.32	0.41	0.31	0.31	0.48	0.815	1.63
An.	btek Anbo	ek Anb	otek r	Anbotek	Anbore	Anthotek	Anbotek	Anb
Pur	botek Ar	poten I	nbu	n nbotek	Anbort	ok prin	rek Anbot	en P
99%	110.1~205	0.53	0.71	0.60	0.42	0.41	0.815	1.63
Anbote	Anchotek	Anbotek	Anbo	ek nob	otek pr	poter A	hotek	Anbotek
Anboro	Ann hotek	Anbote	Anbo	-telt	obotek	Anbore	Any hotek	Anbotek
Stand-by	110.1~205	0.53	0.35	0.45	0.57	0.43	0.815	1.63
K AUDC	No. And	otek b	nbotek	Anbo	hobotek	Anboter	Ant work	N. DI

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

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.

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a

Hotline 400-003-0500 www.anbotek.com

APPENDIX I -- TEST SETUP PHOTOGRAPH

Report No.: 18220WC10068502

Anbotei

安博嗣测

FCC ID:2ASQY-WD-300

6 17 18 19 20 21 22 23 24 25 26 27 28 29

9,39 8,70

3132 33 34 35 36 37 38

Photo of MPE Measurement

Page 11 of 13







FCC ID:2ASQY-WD-300 Page 12 of 13



oter Ann

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a



FCC ID:2ASQY-WD-300 P

Page 13 of 13



-- End of Report -----

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 755–26066440 Fax: (86) 755–26014772 Email: service@anbotek.com

Code:AB-RF-05-a