

Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 1 of 21

FCC Test Report

Shenzhen Welldy Technology Co., Limited Applicant

Address

4F,C Block Yili Technology Park,Guanhu Street Longhua District, Shenzhen, China

Product Name Wireless Charging Speaker

Report Date

Oct. 09, 2023



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) 0755-26066440 Fax:(86) 0755-26014772 Email:service@anbotek.com

Code:AB-RF-05-b





 Report No.: 18220WC30172302
 FCC ID: 2AL7B-OZ-WS1
 Page 2 of 21

Contents

1. (General Information	
	1.1. Client Information 1.2. Description of Device (EUT) 1.3. Auxiliary Equipment Used During Test	
	1.2. Description of Device (EUT)	5
	1.3. Auxiliary Equipment Used During Test	6 🔊
		-0.1ª
	1.5. Description Of Test Setup	7
	1.6. Test Equipment List	8
	1.4. Description of Test Modes 1.5. Description Of Test Setup 1.6. Test Equipment List 1.7. Measurement Uncertainty 1.8. Description of Test Facility ummary of Test Results conducted Emission Test	
	1.8. Description of Test Facility	9 ^{.01}
2. 8	ummary of Test Results	10
3. (conducted Emission Test	11
	3.1 Test Standard and Limit	11
	3.2. Test Setup	11
	3.2. Test Setup	11
	3.4. Tost Data	An-11
4. F	radiation Spurious Emission	14
	4.2. Test Setup	14
	4.2. Test Setup 4.3. Test Procedure 4.4. Test Data	15
	4.4. Test Data	15
5. A	ntenna Requirement	20
	5.1. Test Standard and Requirement 5.2. Antenna Connected Construction PENDIX I TEST SETUP PHOTOGRAPH	20
	5.2. Antenna Connected Construction	20
AP	PENDIX I TEST SETUP PHOTOGRAPH	21
AP	PENDIX II EXTERNAL PHOTOGRAPH	21 🕨
AP	PENDIX III INTERNAL PHOTOGRAPH	
	k noter and the tek noter And k noter and	

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b





Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 3 of 21

TEST REPORT

Applicant	: Shenzhen Welldy Technology Co., Limited
Manufacturer	: Shenzhen Welldy Technology Co., Limited
Product Name	: Wireless Charging Speaker
Test Model No.	: OZ-WS1
Reference Model No.	: IQWHS1
Trade Mark	; N/A httpotek Anbotek Anbotek Anbotek Anbotek Anbotek
Rating(s)	Input: 5V= 3A/ 9V= 2.22A/ 12V= 1.67A Wireless output: 10W
Test Standard(s) Test Method(s)	 FCC Part15 Subpart C, Paragraph 15.209 ANSI C63.10: 2020

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 15 Subpart C 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

Aug. 14, 2023 Aug. 14 ~ 29, 2023

Nian xiu Chen

(Ella Liang)

Idward pan

(Edward Pan)

Shenzhen Anbotek Compliance Laboratory Limited

Approved & Authorized Signer

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel: (86) 0755–26066440 Fax: (86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b

www.anbotek.com.cn

400-003-0500





Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 4 of 21

Revision History

Report Version			Description			Issued Date		
Pin	R00	Anbot	ek Anbo	Original Issu	le. ^{bote}	botek	Oct. 09, 2023	o' Lotel
Next-	Anbotek	AU	poten And	botek Anbotek	Anbon	Anbotek	Anboten	Anonho
potek	Anboten	*e¥	Anbotek	Anbotek Anbor	ek Anbotek	Anbor	en Anborek	pć

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b





Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 5 of 21

1. General Information

1.1. Client Information

Div.	ter nor pri dei nor
Applicant	: Shenzhen Welldy Technology Co., Limited
Address	4F,C Block Yili Technology Park,Guanhu Street Longhua District, Shenzhen, China
Manufacturer	: Shenzhen Welldy Technology Co., Limited
Address	4F,C Block Yili Technology Park,Guanhu Street Longhua District, Shenzhen, China
Factory	: Shenzhen Welldy Technology Co., Limited
Address	4F,C Block Yili Technology Park,Guanhu Street Longhua District, Shenzhen, China

1.2. Description of Device (EUT)

Product Name	:	Wireless Charging Speaker
Test Model No.	:	OZ-WS1
Reference Model No.	:	IQWHS1 (Note: All samples are the same except the model number, so we prepare "OZ-WS1" for test only.)
Trade Mark	:	N/Astek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	AC 120V, 60Hz for Adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	Input: 100-240~50/60Hz Output: 5V 3A/ 9V 2.22A/ 12V 1.67A
RF Specification		
Operation Frequency	:	112~148KHz
Modulation Type	:	ASK hove hubble ask hubble hubble hubble
Antenna Type	:	Inductive loop coil Antenna
Antenna Gain(Peak)	:	0 dBi (Provided by customer)
Remark: 1) For a more or the User's Manual.	e de	etailed features description, please refer to the manufacturer's specifications

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Motline

www.anbotek.com.cn

400-003-0500



Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 6 of 21

1.3. Auxiliary Equipment Used During Test

Description	Rating(s)					
Mobile Phone	iPhone 12	Anboter	And	obotel	Aupor	Ar. Lotek

1.4. Description of Test Modes

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

	Pretest Mode			Des	scription			
	Mode 1	obotek	Adapte	er & Wire	less Char	ging Mode	Anbo, vek	Pri abot
20	tek supor	Print	hoter	AUD		Nek	100	bu

For Conducted Emission						
Final Test Mode Description						
Mode 1	Adapter & Wireless Charging Mode					
And k hotek	Anboro Ann tek notek Anboro					

		For Radiated Emission	
Final Test Mod	e	Description	2
Mode 1	Anbotek	Adapter & Wireless Charging Mode	stek l

Note:

(1) Test channel is 0.1289MHz.

(2) All the situation(full load, half load and empty load) has been tested,only the worst situation (full load 10W) 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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b

www.anbotek.com.cn

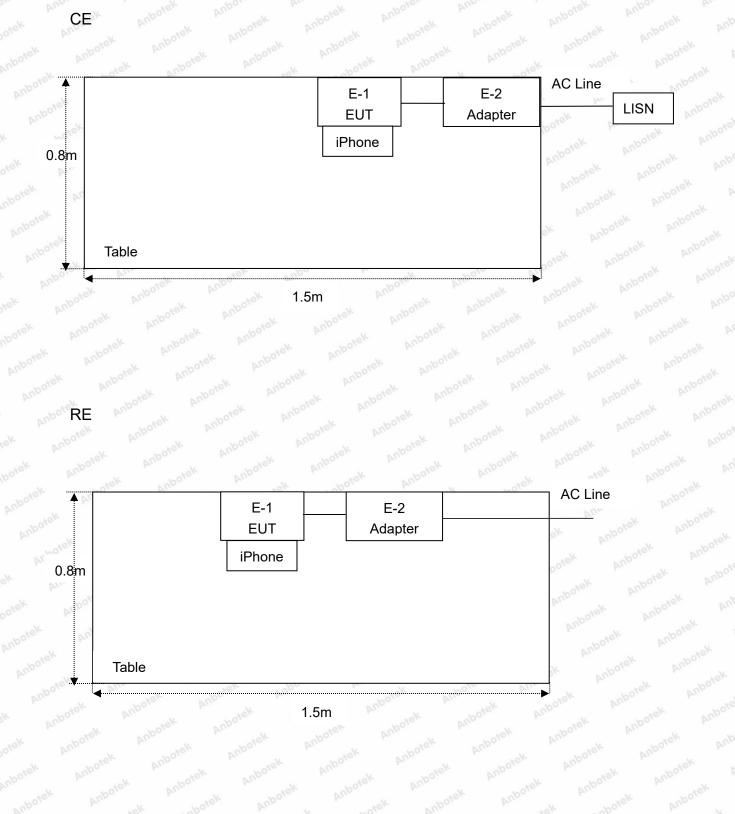
400-003-0500





 Report No.: 18220WC30172302
 FCC ID: 2AL7B-OZ-WS1
 Page 7 of 21

1.5. Description Of Test Setup



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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b



Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 8 of 21

1.6. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interva
Anbo 1. Ar	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Oct. 23, 2022	1 Year
hotek	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040DT001	Jul. 05, 2023	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	esci ^{ber} ESCI	100627	Oct. 13, 2022	1 Year
4.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Oct. 23, 2022	1 Year
5.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Oct. 13, 2022	1 Year
6.	EMI Preamplifier	SKET Electronic	LNPA-0118G-45	SKET-PA-002	Oct. 13, 2022	1 Year
7.	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year
8	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	Oct. 23, 2022	3 Year
9.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Oct. 23, 2022	1 Year
10.	Horn Antenna	A-INFO	LB-180400-KF	J211060628	Oct. 23, 2022	1 Year
11.	Pre-amplifier	SONOMA	310N	186860	Oct. 23, 2022	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A Andrew	N/A	N/A	N/A
13.	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY53280032	Oct. 13, 2022	1 Year
14.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Oct. 13, 2022	1 Year
15.	Signal Generator	Agilent	E4421B	MY41000743	Oct. 13, 2022	1 Year
16.	DC Power Supply	IVYTECH	IV3605	1804D360510	Oct. 22, 2022	1 Year
17.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	Oct. 19, 2022	1 Year
18.	Power Meter	Agilent	N1914A	MY50001102	Oct.26, 2022	1 Year

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) 0755–26066440 Fax: (86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Hotline 400-003-0500

www.anbotek.com.cn



Report No.: 18220WC30172302

FCC ID: 2AL7B-OZ-WS1 Page 9 of 21

1.7. Measurement Uncertainty

Parameter	Uncertainty			
Conducted emissions (AMN 150kHz~30MHz)	3.8dB			
Radiated spurious emissions (Below 30MHz)	3.53dB			
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB			
This uncertainty represents an expanded uncertainty	ainty expressed at approximately the 95% confidence			

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.8. 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 registered 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.

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.

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Hotline 400-003-0500 www.anbotek.com.cn



 Report No.: 18220WC30172302
 FCC ID: 2AL7B-OZ-WS1
 Page 10 of 21

2. Summary of Test Results

Standard Section	Test Item	Result	
15.203	Antenna Requirement	PASS	
15.207	Conducted Emission Test	PASS	
15.205/15.209	Spurious Emission	PASS	

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b





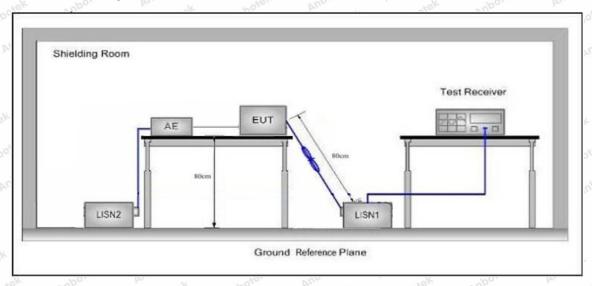
Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 11 of 21

3. Conducted Emission Test

3.1. Test Standard and Limit

Test Limit	En	Maximum RF Line Voltage (dBuV)								
	Frequency	Quasi-peak Level	Average Level 56 ~ 46 *							
	150kHz~500kHz	66 ~ 56 *								
	500kHz~5MHz	56	46							
	5MHz~30MHz	60	50							

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10: 2020 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

AC conducted emission pre-test at both at AC 120V/60Hz and AC 240V/60Hz modes, recorded worst case AC 120V/60Hz.

Please to see the following pages.

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Hotline 400-003-0500 www.anbotek.com.cn

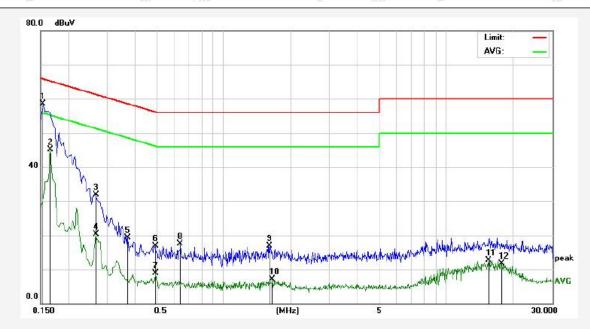


Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 12 of 21

Conducted Emission Test Data

Test Site:	1# Shielde
Operating Condition:	Mode 1
Test Specification:	AC 120V,
Comment:	Live Line
Temp.(℃)/Hum.(%RH):	28℃/51%

Data 1# Shielded Room Mode 1 AC 120V, 60Hz for Adapter Live Line 28℃/51%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1539	48.63	9.83	58.46	65.78	-7.32	QP	e.
2	0.1660	35.28	9.83	45.11	55.15	-10.04	AVG	
3	0.2660	22.07	9.84	31.91	61.24	-29.33	QP	
4	0.2660	10.38	9.84	20.22	51.24	-31.02	AVG	
5	0.3700	9.48	9.82	19.30	58.50	-39.20	QP	6
6	0.4940	7.05	9.86	16.91	56.10	-39.19	QP	
7	0.4940	-0.93	9.86	8.93	46.10	-37.17	AVG	
8	0.6380	7.55	9.87	17.42	56.00	-38.58	QP	
9	1.6060	7.06	9.85	16.91	56.00	-39.09	QP	с С
10	1.6620	-2.74	9.85	7.11	46.00	-38.89	AVG	e 2
11	15.5260	2.46	10.16	12.62	50.00	-37.38	AVG	с С
12	17.6860	1.58	10.22	11.80	50.00	-38.20	AVG	8

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

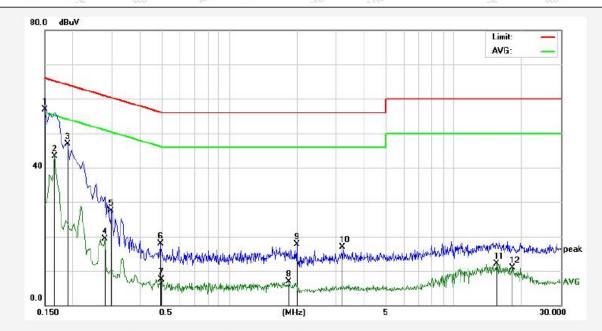
Code:AB-RF-05-b



Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 13 of 21

Conducted Emission Test Data

Test Site:	1# Shielded Room
Operating Condition:	Mode 1
Test Specification:	AC 120V, 60Hz for Adapter
Comment:	Neutral Line
Temp.(℃)/Hum.(%RH):	28℃/51%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	47.02	9.82	56.84	65.99	-9.15	QP	
2	0.1660	33.48	9.83	43.31	55.15	-11.84	AVG	
3	0.1900	37.06	9.82	46.88	64.03	-17.15	QP	
4	0.2779	9. <mark>5</mark> 2	9.84	19.36	50.88	-31.52	AVG	
5	0.2980	17.72	9.84	27.56	60.30	-32.74	QP	
6	0.4940	7.98	9.86	17.84	56.10	-38.26	QP	
7	0.4980	-2.44	9.86	7.42	46.03	-38.61	AVG	
8	1.8420	-3.03	9.85	6.82	46.00	-39.18	AVG	
9	1.9980	7.87	9.85	17.72	56.00	-38.28	QP	
10	3.1820	7.11	9.85	16.96	56.00	-39.04	QP	
11	15.5260	1.93	10.16	12.09	50.00	-37.91	AVG	
12	18.2260	0.70	10.23	10.93	50.00	-39.07	AVG	

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b





Report No.: 18220WC30172302 FCC ID: 2AL7B

D: 2AL7B-OZ-WS1 Page 14 of 21

4. Radiation Spurious Emission

4.1. Test Standard and Limit

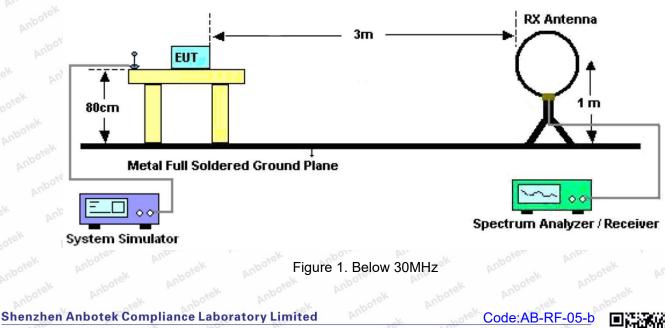
Test Standard	FCC Part15 C Section 1	5.209 and 15.205			stek snbotel
	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	Anbor	Al. aborek	300
	0.490MHz-1.705MHz	24000/F(kHz)	Anbou	A. nbotek	30
	1.705MHz-30MHz	30	rek Anbo	ek - nbotel	30
Test Limit	30MHz~88MHz	100	40.0	Quasi-peak	stek 3 Anbore
	88MHz~216MHz	150	43.5	Quasi-peak	hotek 3 Anbo
	216MHz~960MHz	200	46.0	Quasi-peak	Anbotes Ar
	960MHz~1000MHz	500	54.0	Quasi-peak	Anb3
		500	54.0	Average	3.010
	Above 1000MHz	Anto-botek An	oo ^{ten} 74.0 ^{Antoo}	Peak	ek 3Anbore

Remark:

(1)The lower limit shall apply at the transition frequency.

(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup



Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





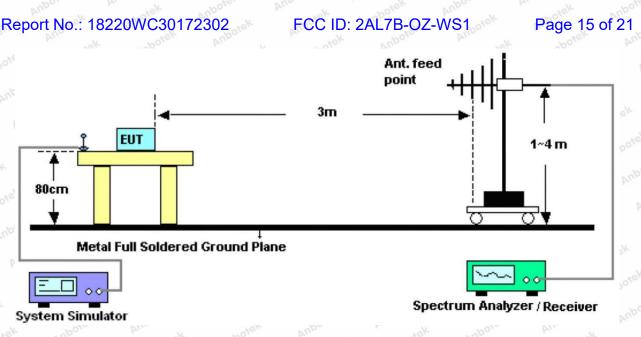


Figure 2. 30MHz to 1GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For 9kHz to 150kHz, Set the spectrum analyzer as: RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as: RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as: RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

4.4. Test Data

PASS

During the test, Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the X-axis is the worst case.

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Hotline 400-003-0500 www.anbotek.com.cn

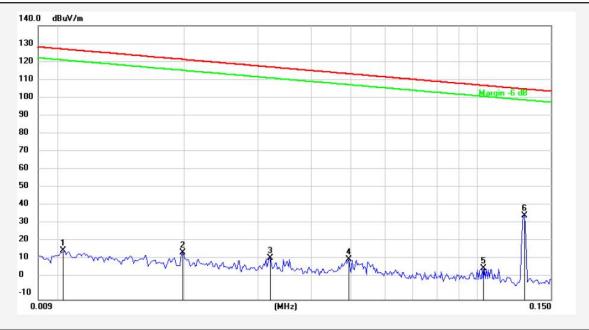


Anbotek Product Safety

Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 16 of 21

Test Results (Between 9KHz – 150KHz)

Test Mode:	Mode 1
Distance:	Sm Ann Stek Anbore
Power Source:	AC 120V, 60Hz for Adapter
Temp.(℃)/Hum.(%RH):	24.5°C/53%RH



Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)			Detector	Height (cm)	degree (deg)	Remark	
0.0103	-3.41	20.08	<mark>16.67</mark>	127.14	-110.47	QP				
0.0198	-4.50	20.29	15.79	121.50	-105.71	QP				
0.0320	-7.99	20.56	12.57	117.36	-104.79	QP				
0.0495	-8.63	20.42	11.79	113.59	-101.80	QP	2			
0.1029	-13.14	20.29	7.15	107.27	-100.12	QP				
0.1289	15.73	20.34	36.07	105.33	-69.26	QP			r	
	(MHz) 0.0103 0.0198 0.0320 0.0495 0.1029	(MHz) (dBuV) 0.0103 -3.41 0.0198 -4.50 0.0320 -7.99 0.0495 -8.63 0.1029 -13.14	(MHz) (dBuV) () 0.0103 -3.41 20.08 0.0198 -4.50 20.29 0.0320 -7.99 20.56 0.0495 -8.63 20.42 0.1029 -13.14 20.29	(MHz) (dBuV) () (dBuV/m) 0.0103 -3.41 20.08 16.67 0.0198 -4.50 20.29 15.79 0.0320 -7.99 20.56 12.57 0.0495 -8.63 20.42 11.79 0.1029 -13.14 20.29 7.15	(MHz) (dBuV) () (dBuV/m) (dBuV/m) 0.0103 -3.41 20.08 16.67 127.14 0.0198 -4.50 20.29 15.79 121.50 0.0320 -7.99 20.56 12.57 117.36 0.0495 -8.63 20.42 11.79 113.59 0.1029 -13.14 20.29 7.15 107.27	(MHz) (dBuV) () (dBuV/m) (dBuV/m) (dBu 0.0103 -3.41 20.08 16.67 127.14 -110.47 0.0198 -4.50 20.29 15.79 121.50 -105.71 0.0320 -7.99 20.56 12.57 117.36 -104.79 0.0495 -8.63 20.42 11.79 113.59 -101.80 0.1029 -13.14 20.29 7.15 107.27 -100.12	(MHz) (dBuV) () (dBuV/m) (dBuV/m) (dB) Detector 0.0103 -3.41 20.08 16.67 127.14 -110.47 QP 0.0198 -4.50 20.29 15.79 121.50 -105.71 QP 0.0320 -7.99 20.56 12.57 117.36 -104.79 QP 0.0495 -8.63 20.42 11.79 113.59 -101.80 QP 0.1029 -13.14 20.29 7.15 107.27 -100.12 QP	(MHz) (dBuV) () (dBuV/m) (dBuV/m) (dB) Detector (cm) 0.0103 -3.41 20.08 16.67 127.14 -110.47 QP 0.0198 -4.50 20.29 15.79 121.50 -105.71 QP 0.0320 -7.99 20.56 12.57 117.36 -104.79 QP 0.0495 -8.63 20.42 11.79 113.59 -101.80 QP 0.1029 -13.14 20.29 7.15 107.27 -100.12 QP	(MHz) (dBuV) () (dBuV/m) (dBuV/m) (dB) Detector (cm) (deg) 0.0103 -3.41 20.08 16.67 127.14 -110.47 QP (deg) 0.0198 -4.50 20.29 15.79 121.50 -105.71 QP (deg) 0.0320 -7.99 20.56 12.57 117.36 -104.79 QP (deg) 0.0495 -8.63 20.42 11.79 113.59 -101.80 QP (deg) 0.1029 -13.14 20.29 7.15 107.27 -100.12 QP (deg)	(MHz) (dBuV) () (dBuV/m) (dBuV/m) (dB) Detector (cm) (deg) Remark 0.0103 -3.41 20.08 16.67 127.14 -110.47 QP 0.0198 -4.50 20.29 15.79 121.50 -105.71 QP 0.0320 -7.99 20.56 12.57 117.36 -104.79 QP 0.0495 -8.63 20.42 11.79 113.59 -101.80 QP 0.1029 -13.14 20.29 7.15 107.27 -100.12 QP

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b

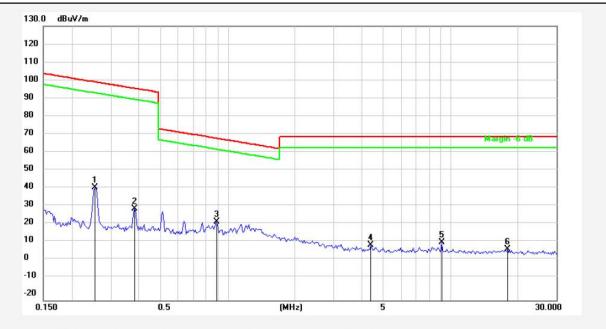


Anbotek Product Safety

Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 17 of 21

Test Results (Between 0.15MHz - 30MHz)

Test Mode:	Mode 1
Distance:	ant 3m Annu Lotek Anbote
Power Source:	AC 120V, 60Hz for Adapter
Temp.(℃)/Hum.(%RH):	24.5℃/53%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark	
1	0.2548	21.56	20.30	41.86	99. <mark>4</mark> 4	-57.58	QP				
2	0.3851	9.88	20.28	30.16	95.88	-65.72	QP				
3	0.8897	2.78	20.26	23.04	68.63	-45.59	QP	2		2	
4	4.4069	-10.27	20.39	10.12	69.50	-59.38	QP				
5	9.1555	-8.89	20.50	11.61	69.50	-57.89	QP				
6	18.0393	-12.48	20.57	8.09	69.50	-61.41	QP				

Remark: According to FCC PART 15.209 (d), the emission limits for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, Radiated emission limits in these three bands are based on measurements employing an average detector.

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b Hotline 400-003-0500 www.anbotek.com.cn



Anbotek Product Safety

Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 18 of 21

Test Results (Between 30MHz -1000 MHz)

01
Test Mode:
Distance:
Power Source:
Polarization:
Tomp (°C)/Lum (0/

3m AC 120V, 60Hz for Adapter

Horizontal %RH): 22.5℃/56%RH

Mode 1

Temp.(℃)/Hum.(%RH):



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark	
1	55.4147	42.00	-17.62	24.38	40.00	-15.62	QP				
2	61.7781	<mark>41.34</mark>	-18.13	23.21	40.00	-16.79	QP				
3	70.8315	41.24	-22.21	19.03	40.00	-20.97	QP			2 6	
4	138.8735	41.52	-23.00	18.52	43.50	-24.98	QP				
5	293.0842	36.47	-17.76	18.71	46.00	-27.29	QP				
6	716.6820	32.85	-9.69	23.16	46.00	-22.84	QP				
AY.		V.	14D*	1247		1401	- 02	2		M. Lab	12.1

Shenzhen Anbotek Compliance Laboratory Limited

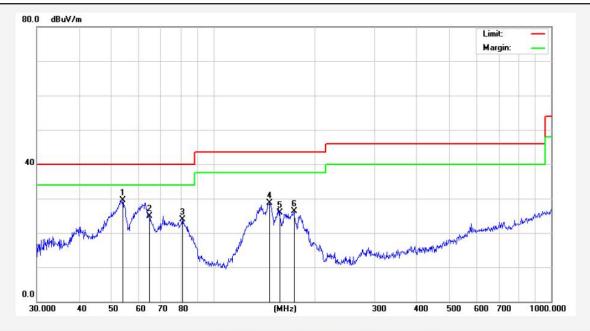
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b





Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 19 of 21

Test Mode:	Mode 1
Distance:	ant 3m Anbor tek Anborek Anboret And watek
Power Source:	AC 120V, 60Hz for Adapter
Polarization:	Vertical Mode And
Temp.(℃)/Hum.(%RH):	22.5℃/56%RH
	Ant k hotek Anbo h tek abor



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark	
1	53.8818	46.62	-17.21	29.41	40.00	-10.59	QP				
2	64.6594	44.17	-19.19	24.98	40.00	-15.02	QP				
3	80.9275	43.12	-19.17	23.95	40.00	-16.05	QP				
4	146.3735	50.83	-22.13	28.70	43.50	-14.80	QP				60 20
5	157.0074	47.76	-21.78	25.98	43.50	-17.52	QP				
6	173.2051	47.25	-20.95	26.30	43.50	-17.20	QP				
OF.	20	- Ma	WU-	per-		_370	× 10 ×			-16 M	20

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com Code:AB-RF-05-b





Report No.: 18220WC30172302

FCC ID: 2AL7B-OZ-WS1 Page 20 of 21

5. Antenna Requirement

5.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	 1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the
	intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

5.2. Antenna Connected Construction

The antenna is a Inductive loop coil Antenna which permanently attached, and the best case gain of the antenna is 0 dBi. It complies with the standard requirement.

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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b





Report No.: 18220WC30172302 FCC ID: 2AL7B-OZ-WS1 Page 21 of 21

APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- 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) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com

Code:AB-RF-05-b

