



Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# **FCC Test Report**

Applicant : Shenzhen Haitao Technology Co.,Ltd.

2F, Building 2, West Industrial Park, Hezhou

Address : District, Hangcheng Street, Bao'an

District, Shenzhen, China

Product Name : 3-IN-1 WIRELESS CHARGER

Report Date : Oct. 22, 2024

Shenzhen Anbotek Compliance Laboratory Limited







Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# **Contents**

General Information      1.1. Client Information      1.2. Description of Device (EUT)      1.3. Auxiliary Equipment Used During Test	5 5
1.3 Auxiliary Equipment Head During Test	5016
1.3 Auxiliary Equipment Head During Test	124
1.3 Auxiliary Equipment Head During Test	5
	CAN
1.4. Description of Test Modes	6
1.0. DC3CHDHOH OF TC3L OCIUD	
1.6. Test Equipment List	8
1.7 Measurement Uncertainty	2000 PO
1.8. Description of Test Facility	9
1.9. Disclaimer	9
2. Summary of Test Results	10 🕅
2. Summary of Test Results  3. Conducted Emission Test  3. 1. Test Standard and Limit	11
J. IN 1631 Statitual a alta Elittit	36
3.2. Test Setup	11
3.3. Test Procedure	11 <sup>te K</sup>
3.4. Test Data	11
4. Radiation Spurious Emission Test  4.1. Test Standard and Limit	14
4.1. Test Standard and Limit	14
4.2. Test Setup	14
4.1. Test Standard and Limit 4.2. Test Setup 4.3. Test Procedure 4.4. Test Data 5. 20dB Occupy Bandwidth Test 5.1. Test Standard and Limit 5.2 Test Setup	15
4.4. Test Data	15
5. 20dB Occupy Bandwidth Test	20
5.1. Test Standard and Limit	20
5.3. Test Procedure	20
5.4. Test Data	20
6. Antenna Requirement 6.1. Test Standard and Requirement 6.2. Antenna Connected Construction	23
6.1. Test Standard and Requirement	23
6.2. Antenna Connected Construction	23°'
APPENDIX I TEST SETUP PHOTOGRAPH	24
APPENDIX II EXTERNAL PHOTOGRAPH	24 <sup>An)</sup>
APPENDIX III INTERNAL PHOTOGRAPH	24







FCC ID: 2BKMD-HT-553

### Page 3 of 24

# TEST REPORT

Applicant : Shenzhen Haitao Technology Co.,Ltd.

Manufacturer : Shenzhen Haitao Technology Co., Ltd.

Product Name : 3-IN-1 WIRELESS CHARGER

Model No. : HT-553

Trade Mark : N/A

: Input:5V-- 3A,9V-- 3A

Wireless Charging for Phone:15W/10W/7.5W/5W

Rating(s) Wireless Charging for Earbuds:5W

Wireless Charging for Watch: 2.5W

Test Standard(s) : FCC Part15 Subpart C
Test Method(s) : 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 Aug. 29, 2024

Date of Test Aug. 29, 2024 to Sept. 27, 2024

Prepared By

(TuTu Hong)

Approved & Authorized Signer (Kingkong Jin)

**Shenzhen Anbotek Compliance Laboratory Limited** 

Code:AB-RF-05-b

Hotline 400-003-0500 www.anbotek.com





Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

otek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbolek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbolek

Anbotek

Report No.: 1812C40055212501

FCC ID: 2BKMD-HT-553

Anbotek

Anborek

Anborel

Anbotek

Anbolek

Anbotek

Anbotek

Anbotek Page 4 of 24

Anbotek

10101

Anbotek

Anborek

Anbotek

Anbo

Anbotek

### **Revision History**

-K	hotek Anbotek Anbot	Revision History	Anborek Anborek
, ek	Report Version	Description	Issued Date
po, potek	Anbotek R00 Anbot	Original Issue.	Oct. 22, 2024
Ann	Tek Vupotek Vupo	Anbotek Anbott	Vipotek Vipoter Vin
h.	Tupotek Vupote Viek Vupo	Sk Vipoter, Vipotek	Anbotek Anbot otek

Anbotek

**Shenzhen Anbotek Compliance Laboratory Limited** 

Anbotek

Anbotek

Anbotel Code:AB-RF-05-b

Hotline 400-003-0500 www.anbotek.com





# 1. General Information

# 1.1. Client Information

194	2000	K NO. B.	VUP
Applicant	:	Shenzhen Haitao Technology Co.,Ltd.	Anbotek
Address	:	2F,Building 2,West Industrial Park, Hezhou District,Hangcheng Street,Bao'an District,Shenzhen,China	y Aupe
Manufacturer	:	Shenzhen Haitao Technology Co.,Ltd.	bote.
Address	:	2F,Building 2,West Industrial Park, Hezhou District,Hangcheng Street,Bao'an District,Shenzhen,China	Aupolek
Factory	:	Shenzhen Haitao Technology Co.,Ltd.	Anbote
Address	:	2F,Building 2,West Industrial Park, Hezhou District,Hangcheng Street,Bao'an District,Shenzhen,China	ick Aug

# 1.2. Description of Device (EUT)

		V), V
Product Name	:	3-IN-1 WIRELESS CHARGER
Model No.	:	HT-553 Anbotek Anbotek Anbotek Anbotek Anbote
Trade Mark	:	N/Arek 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	:	N/A Anbotes Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency		110.1-205kHz
Modulation Type	:	ASK nbotek Anbotek Anbotek Anbotek Anbotek
Antenna Type		Inductive loop coil Antenna
Remark: 1) All of the I	RF	specification are provided by customer 2) For a more detailed features

**Remark:** 1) All of the RF specification are provided by customer. 2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.







# 1.3. Auxiliary Equipment Used During Test

Description	Rating(s)
Adapter	Model: MDY-11-EX
Anbotes.	Input: 100-240VAC,50-60Hz, 0.7A
And sek above	Output: 5V 3A,9V 3A,12V 2.25A,20V 1.35A,11V 3A
Apple Watch	M/N: WR-50M
Apple AirPods	M/N: AirPods Pro
Mobile Phone	iPhone 12

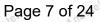
#### 1.4. Description of Test Modes

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 Modes	Descriptions
&Folding Mode	Descriptions
TM1	Adapter+WPT Mode (Phone+Watch+Earbuds) (Battery Status: <1%)
TM2	Adapter+WPT Mode (Phone+Watch+Earbuds) (Battery Status: 50%)
TM3	Adapter+WPT Mode (Phone+Watch+Earbuds) (Battery Status: >98%)
TM4	Adapter+WPT Mode (Phone) (Battery Status: <1%)
TM5	Adapter+WPT Mode (Phone) (Battery Status: 50%)
TM6	Adapter+WPT Mode (Phone) (Battery Status: >98%)
TM7	Adapter+WPT Mode (Watch) (Battery Status: <1%)
mbotek TM8bote	Adapter+WPT Mode (Watch) (Battery Status: 50%)
TM9	Adapter+WPT Mode (Watch) (Battery Status: >98%)
TM10	Adapter+WPT Mode (Earbuds) (Battery Status: <1%)
TM11	Adapter+WPT Mode (Earbuds) (Battery Status: 50%)
TM12	Adapter+WPT Mode (Earbuds) (Battery Status: >98%)
TM13	Standby Mode

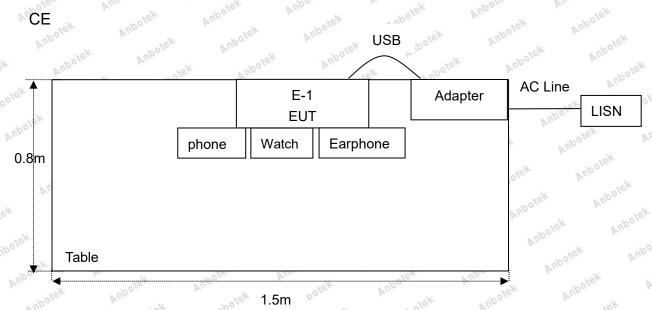






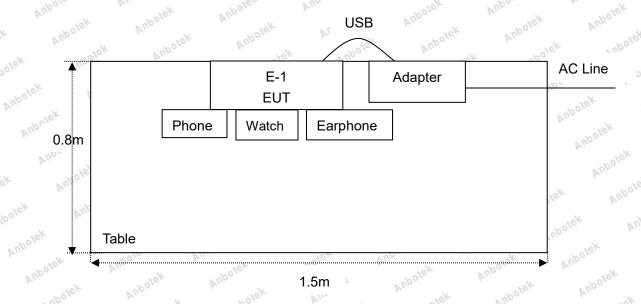


#### 1.5. Description Of Test Setup



RE

Anbotek



**Shenzhen Anbotek Compliance Laboratory Limited** 

Code:AB-RF-05-b







Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# 1.6. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interva
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Jan. 18, 2024	1 Year
nt2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040DT00	Jan. 17, 2024	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Jan. 17, 2024	1 Year
4.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Jan. 23, 2024	1 Year
, <sub>o</sub> tc5.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Oct. 12, 2023	1 Year
An6.	EMI Preamplifier	SKET Electronic	LNPA-0118G- 45	SKET-PA-002	Jan. 17, 2024	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. 12, 2023	1 Year
10.	Horn Antenna	A-INFO	LB-180400-K F	J211060628	Oct. 12, 2023	1 Year
11.	Pre-amplifier	SONOMA	310N	186860	Jan. 17, 2024	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A otek	N/A	N/A	N/A
13.	MXA Spectrum  Analysis	KEYSIGHT	N9020A	MY53280032	Oct. 12, 2023	1 Year
14.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Oct. 12, 2023	1 Year
15.	Signal Generator	Agilent	E4421B	MY41000743	Oct. 12, 2023	1 Year
16.	DC Power Supply	IVYTECH	IV3605	1804D360510	Oct. 20, 2023	1 Year
n17.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	potek N/A Anbo	Oct. 16, 2023	1 Year
18.	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	May. 06, 2024	1 Year

**Shenzhen Anbotek Compliance Laboratory Limited** 

Code:AB-RF-05-b







#### 1.7. Measurement Uncertainty

Parameter	Uncertainty			
Conducted emissions (AMN 150kHz~30MHz)	3.8dB Anbote Anbotek Anbotek			
Occupied Bandwidth	925Hz			
Radiated spurious emissions (Below 30MHz)	3.53dB yek Anbote And			
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB			

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032.

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.: 434132

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. 434132.

#### 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.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

#### 1.9. Disclaimer

- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
  - The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
  - This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
  - 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
  - 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

Shenzhen Anbotek Compliance Laboratory Limited





Anbotek

Anbotek

Anbotek

Anbotek

Anbotek



Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbe

Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# 2. Summary of Test Results

	Standard Section	Test Item	Result
	15.203	Antenna Requirement	PASS
'ek	15.207	Conducted Emission Test	PASS
polek	15.205/15.209	Spurious Emission	PASS
Vupo,	15.215(c)	20dB Occupy Bandwidth	PASS

Anbotek

Note: N/A" denotes test is not applicable in this Test Report

Anbotek

**Shenzhen Anbotek Compliance Laboratory Limited** 

Hotline 400-003-0500 www.anbotek.com



Anbotek

Anbotek



# 3. Conducted Emission Test

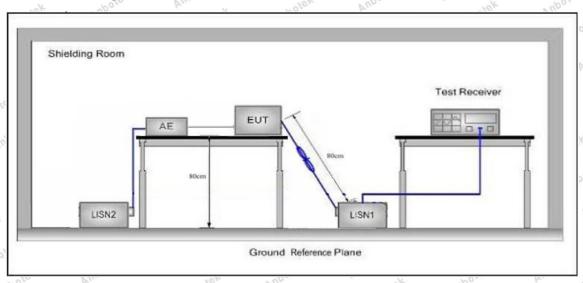
#### 3.1. Test Standard and Limit

Test Standard	FCC Part15 Section 15	5.207 Annual Control	ek Yupo, ok wolek			
	Fraguanav	Maximum RF Line Voltage (dBuV)				
	Frequency	Quasi-peak Level	Average Level			
Test Limit	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *			
	500kHz~5MHz	Anbot 56 hotek	Anbotte 46 House			
	5MHz~30MHz	Anbores 60 And	nbotek 50 And			

Remark: (1) \*Decreasing linearly with logarithm of the frequency.

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

# 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.

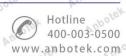
The frequency range from 150kHz to 30MHz is checked.

#### 3.4. Test Data

#### **PASS**

During the test, pre-scan all modes, only the worst case is recorded in the report. Please to see the following pages.

**Shenzhen Anbotek Compliance Laboratory Limited** 







FCC ID: 2BKMD-HT-553

#### **Conducted Emission Test Data**

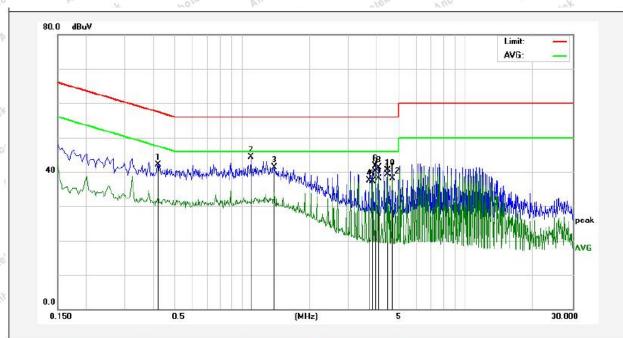
Test Site: 1# Shielded Room

Operating Condition: TM1

Test Specification: AC 120V, 60Hz for adapter

Comment: Live Line

Temp.(°C)/Hum.(%RH): 23.4°C/51%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.4220	24.38	17.82	42.20	57.41	-15.21	QP	
2	1.0980	26.36	17.86	44.22	56.00	-11.78	QP	
3	1.4020	23.48	17.86	41.34	56.00	-14.66	QP	
4	3.6940	19.66	17.86	37.52	46.00	-8.48	AVG	
5	3.8220	19.46	17.86	37.32	46.00	-8.68	AVG	
6	3.9500	23.81	17.86	41.67	56.00	-14.33	QP	
7	3.9500	22.25	17.86	40.11	46.00	-5.89	AVG	
8	4.0780	23.42	17.85	41.27	56.00	-14.73	QP	
9	4.0780	20.23	17.85	38.08	46.00	-7.92	AVG	
10	4.4580	22.63	17.85	40.48	56.00	-15.52	QP	
11	4.4580	21.45	17.85	39.30	46.00	-6.70	AVG	
12	4.7140	20.33	17.86	38.19	46.00	-7.81	AVG	

**Shenzhen Anbotek Compliance Laboratory Limited** 







FCC ID: 2BKMD-HT-553

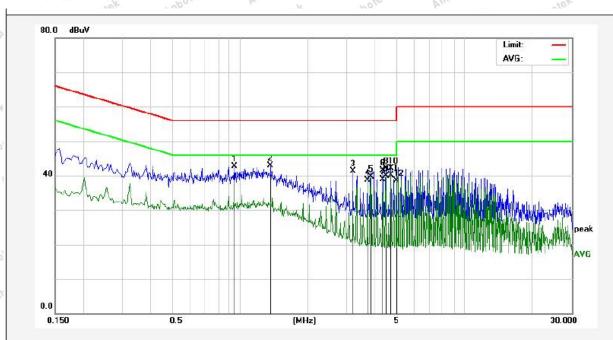
#### **Conducted Emission Test Data**

Test Site: 1# Shielded Room

Operating Condition: TM1

Test Specification: AC 120V, 60Hz for adapter

Comment: Neutral Line Temp.( $^{\circ}$ )/Hum.( $^{\circ}$ RH): 23.4 $^{\circ}$ C/51 $^{\circ}$ RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.9460	24.87	17.86	42.73	56.00	-13.27	QP	
2	1.3700	24.98	17.86	42.84	56.00	-13.16	QP	
3	3.1860	23.53	17.85	41.38	56.00	-14.62	QP	
4	3.6940	20.83	17.86	38.69	46.00	-7.31	AVG	
5	3.8220	21.80	17.86	39.66	46.00	-6.34	AVG	
6	4.3340	23.75	17.85	41.60	56.00	-14.40	QP	
7	4.3340	21.13	17.85	38.98	46.00	-7.02	AVG	
8	4.4580	24.28	17.85	42.13	56.00	-13.87	QP	
9	4.4580	22.09	17.85	39.94	46.00	-6.06	AVG	
10	4.7140	24.34	17.86	42.20	56.00	-13.80	QP	
11	4.7140	22.25	17.86	40.11	46.00	-5.89	AVG	
12	4.9699	20.63	17.86	38.49	46.00	-7.51	AVG	

**Shenzhen Anbotek Compliance Laboratory Limited** 







# 4. Radiation Spurious Emission Test

# 4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 1	5.209 and 15.205	Anbolek	Aupo	k upotek
	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	Yupole Yu	"otek-	300
	0.490MHz-1.705MHz	24000/F(kHz)	Vupole.	Vun.	30
Test Limit	1.705MHz-30MHz	30 potek	Aupole, K	Ann Notek	30
	30MHz~88MHz	100	40.0	Quasi-peak	K 3 Anbotek
	88MHz~216MHz	150	otek 43.5 Anbol	Quasi-peak	hotek 3 Anb
	216MHz~960MHz	200	46.0	Quasi-peak	hotek3
	960MHz~1000MHz	500	54.0	Quasi-peak	3.k
	Above 1000MHz	500	54.0	Average	3 otek
	Above Toutivinz	upotek - Vupo	74.0	Peak	3 5010

#### 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

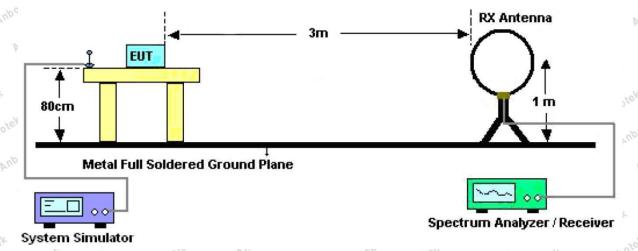


Figure 1. Below 30MHz







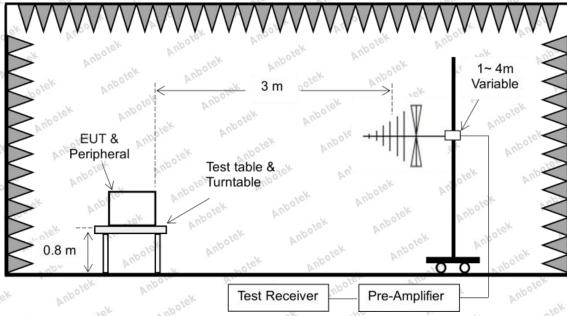


Figure 2. 30MHz to 1GHz

#### 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 modes, only the worst case is recorded in the report. Please to see the following pages.







FCC ID: 2BKMD-HT-553

#### Test Results (Between 9KHz - 150KHz)

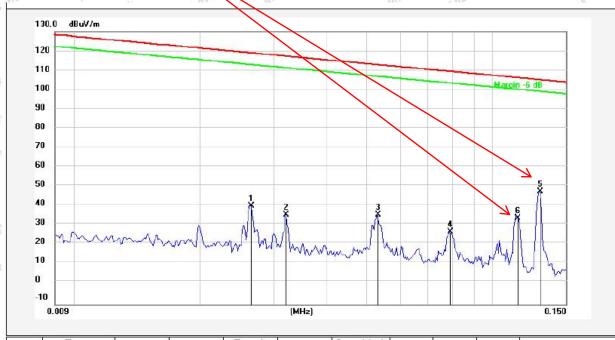
Test Mode: TM1
Distance: 3m

Power Source: AC 120V, 60Hz for adapter

Polarization: Coplane

Temp.(°C)/Hum.(%RH): 23.5°C/49%RH

Fundamental



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	0.0264	20.32	20.35	40.67	119.02	-78.35	peak		13.	
2	0.0321	15.50	20.53	36.03	117.33	-81.30	peak		72	
3	0.0530	15.58	20.35	35.93	113.00	-77.07	peak		12.	
4	0.0790	6.96	20.33	27.29	109.55	-82.26	peak		13.	
5	0.1296	27.55	20.30	47.85	105.28	-57.43	peak		13	
6	0.1150	13.91	20.28	34.19	106.31	-72.12	peak			

**Shenzhen Anbotek Compliance Laboratory Limited** 







3

4

5

6

Report No.: 1812C40055212501

FCC ID: 2BKMD-HT-553

#### Test Results (Between 0.15MHz - 30MHz)

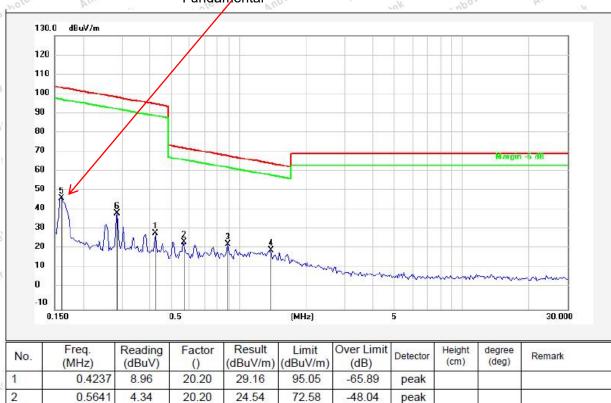
Test Mode: TM1 Distance: 3m

Power Source: AC 120V, 60Hz for adapter

Polarization: Coplane

Temp.(°C)/Hum.(%RH): 23.5°C/49%RH

Fundamental



Anbo 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.

68.54

64.69

103.38

98.44

-45.25

-44.29

-56.58

-59.11

peak

peak

peak

peak

Code:AB-RF-05-b





0.8991

1.4032

0.1615

0.2862

3.12

0.24

26.51

19.10

20.17

20.16

20.29

20.23

23.29

20.40

46.80

39.33



FCC ID: 2BKMD-HT-553

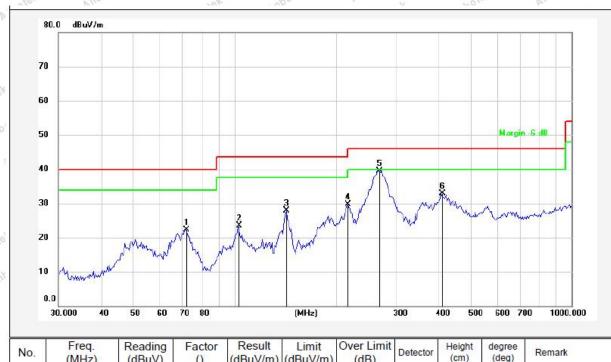
#### Test Results (Between 30MHz -1000 MHz)

Test Mode: TM1
Distance: 3m

Power Source: AC 120V, 60Hz for adapter

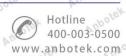
Polarization: Horizontal

Temp.(°C)/Hum.(%RH): 20.3°C/46%RH



No.	Freq. (MHz)	(dBuV)	Factor ()	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg)	Remark
1	71.5806	47.27	-24.92	22.35	40.00	-17.65	QP			
2	102.3597	41.23	-17.71	23.52	43.50	-19.98	QP			
3	142.3243	48.17	-20.31	27.86	43.50	-15.64	QP	6		
4	216.7828	47.76	-18.14	29.62	46.00	-16.38	QP			
5	267.5455	55.88	-16.29	39.59	46.00	-6.41	QP			
6	410.3825	45.45	-12.47	32.98	46.00	-13.02	QP		75	

**Shenzhen Anbotek Compliance Laboratory Limited** 









Anbotek

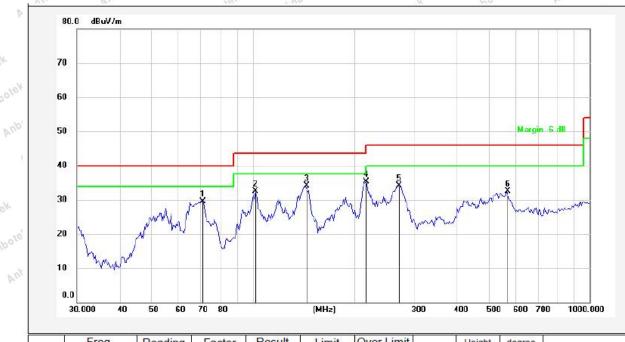
Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

Test Mode: TM1
Distance: 3m

Power Source: AC 120V, 60Hz for adapter

Polarization: Vertical

Temp.(°C)/Hum.(%RH): 20.3°C/46%RH



No.	(MHz)	(dBuV)	Factor ()	(dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	(deg)	Remark	
1	71.0803	51.46	-21.91	29.55	40.00	-10.45	QP				
2	101.6443	50.04	-17.62	32.42	43.50	-11.08	QP				
3	143.3261	56.31	-22.16	34.15	43.50	-9.35	QP				
4	216.7828	53.40	-18.14	35.26	46.00	-10.74	QP				
5	269.4284	50.42	-16.25	34.17	46.00	-11.83	QP				
6	566.6223	41.63	-9.10	32.53	46.00	-13.47	QP				
N 222		- 16-		17.0			W P.		12/2		6.00

**Shenzhen Anbotek Compliance Laboratory Limited** 





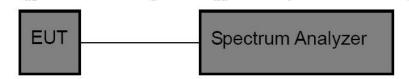


# 5. 20dB Occupy Bandwidth Test

# 5.1. Test Standard and Limit

0	Test Standard	FCC Part15 C Section 15.215(c)
1/5	Test Limit	Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

# 5.2. Test Setup



#### 5.3. Test Procedure

The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW=1%-5%OBW, VBW≥3\*RBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

#### 5.4. Test Data

	Temperature:	25.7 °C	Humidity:	56 %	Atmospheric Pressure:	101 kPa	
UD.3	romporatare.			00,70	/ turnoopriorio	101111	2/0

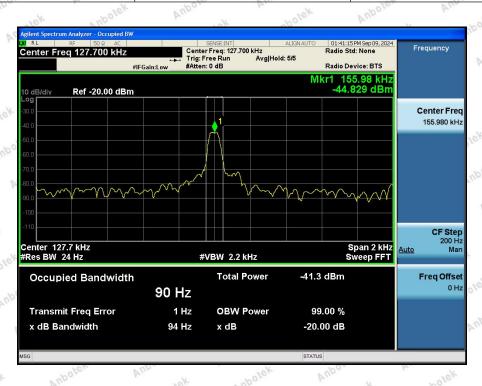


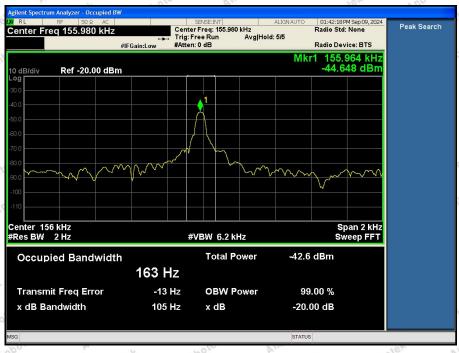






Freq. (MHz)	Bandwidth (Hz)	Results
0.1277	90° k	PASS MODEL
otel 0.156 Anbotel	And 105 otek Ando	PASS
0.156	And of the Armone Ar	PASS





#### **Shenzhen Anbotek Compliance Laboratory Limited**

Code:AB-RF-05-b







Anbotel

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek



Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

Anbotek

Anbotek

Anbotek



Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

Anbotek

**Shenzhen Anbotek Compliance Laboratory Limited** 

Anbotek

Anbotek

Code:AB-RF-05-b

Anbotek

Anbotek

Anbotek





Anbotek

Anbotek

Anbotek

Anbotek



Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# 6. Antenna Requirement

#### 6.1. Test Standard and Requirement

184	" Not A. Note View View View View
Test Standard	FCC Part15 Section 15.203
	1) 15.203 requirement:
O	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
Requirement	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
, e	connector is prohibited.

#### 6.2. Antenna Connected Construction

The antenna is a Inductive loop coil Antenna which permanently attached. It complies with the standard requirement.

**Shenzhen Anbotek Compliance Laboratory Limited** 

Hotline 400-003-0500 www.anbotek.com





Report No.: 1812C40055212501 FCC ID: 2BKMD-HT-553

# 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** 



