

FCC ID: 2AV7N-MEDO Report No.: 18220WC30222001 Page 1 of 33

# **FCC Test Report**

# Applicant

# **GUANGZHOU RANTION TECHNOLOGY CO., LTD.**

Address

Room 7002 and 7003, 7th Floor, Digital Entertainment Industrial Park, Greater Bay Area, No. 28 Huangpu Park West Road, Huangpu District, Guangzhou, China.

Product Name

# DONNER MEDO PORTABLE SYNTHESIZER

**Report Date** 

Nov. 10, 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





FCC ID: 2AV7N-MEDO

# Contents

1. General Information	And		abo <sup>ro</sup> A		6
1.1. Client Information 1.2. Description of Device (EUT) 1.3. Auxiliary Equipment Used Durin	phbote"	An- An-orok	Anborek Manuel	Anbo.	6 6
1.3. Auxiliary Equipment Used Durin 1.4. Operation channel list	ig Test	K		Anborek	7 8
1.3. Auxiliary Equipment Used Durin         1.4. Operation channel list         1.5. Description of Test Modes         1.6. Measurement Uncertainty         1.7. Test Summary         1.8. Description of Test Facility         1.9. Disclaimer         1.10. Test Equipment List	ore <sup>k</sup> Anb		, sek	Pahra Vahra	8 8
1.7. Test Summary 1.8. Description of Test Facility	hupology	Anna Anna Anna Anna Anna Anna Anna Anna	na <sup>yoten</sup>		
1.9. Disclaimer 1.10. Test Equipment List	Anvater			Mupo,	10 11
2. Antenna requirement	Anbo	hotek	Anbore	Aur	13
2.1. Conclusion	k Aupo.	N. Alexandre	pobote.	Ann	
3. Conducted Emission at AC power line	otek Anbo	Dra Dri.	ek pobot	en And	14
<ol> <li>1.9. Disclaimer</li> <li>1.10. Test Equipment List</li> <li>2. Antenna requirement</li> <li>2.1. Conclusion</li> <li>3. Conducted Emission at AC power line</li> <li>3.1. EUT Operation</li></ol>	nuotek av	Annotek Anvotek	povek pri	na <sup>noten</sup> Noten	
4. Occupied Bandwidth	h. potek	Anbore	Ann	Anbotek	Anbe 17
4.1. EUT Operation	L	Anbore	Ann	paboter	
4.2. Test Setup 4.3. Test Data	sek pabo	,oK		hunor	17 18
5. Maximum Conducted Output Power	workek	boten Aupr		otek Ant	19
<ul> <li>3.3. Test Data</li> <li>4. Occupied Bandwidth</li></ul>					
6. Power Spectral Density	Alle	Anboren	Anbu	hobotek	
<ul> <li>5.3. Test Data</li> <li>6. Power Spectral Density</li> <li>6.1. EUT Operation</li> <li>6.2. Test Setup</li> <li>6.3. Test Data</li> </ul>	ion Anon			rek and	20 20 20
7. Emissions in non-restricted frequency	10°		Johe. And	watek	
				Anbotek	
7.2. Test Setup 7.3. Test Data		novotak		Kribotek	21 21
8. Band edge emissions (Radiated)		K photen	And		
<ul> <li>7.1. EUT Operation</li> <li>7.2. Test Setup</li> <li>7.3. Test Data</li> <li>8. Band edge emissions (Radiated)</li> <li>8.1. EUT Operation</li></ul>	otek Ant	jotek protote	rek pobe	10, VID	
8.3. Test Data	ur	Anto Anto		wayek	
9. Emissions in frequency bands (below 9.1. EUT Operation	1GHz)	Anborek	nbo. A	hotek	
9.2 Test Setup					26 -
9.3. Test Data	Aupon	pi - ek	nboro	Pue	

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	





Report No.: 18220WC30222001	FCC ID: 2AV7N-MEDO	Page 3 of 33
10. Emissions in frequency bands (above 1	GHz)	
10.1. EUT Operation	ak notek Anbo' At.	
	on An An	
10.3. Test Data		
APPENDIX I TEST SETUP PHOTOGRA	PH	
APPENDIX II EXTERNAL PHOTOGRAP		
APPENDIX III INTERNAL PHOTOGRAP		
hoter And And		tek nbc

### 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





Applicant :	GUANGZHOU RANTION TECHNOLOGY CO., LTD.
Manufacturer :	GUANGZHOU RANTION TECHNOLOGY CO., LTD.
Product Name :	DONNER MEDO PORTABLE SYNTHESIZER
Test Model No. :	MEDO Anborek Antopotek Anborek Anborek
Reference Model No. :	rN/A Anbotek Anbotek Anbotek Anbote Antotek
Trade Mark :	DONNER Andrek Andrek Andrek Andrek
Rating(s) :	Input: 5V-1A(with DC 3.7V, 2000mAh battery inside)

Test Standard(s) : 47 CFR Part 15.247

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 above listed standard(s) 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:

Oct. 18, 2023

Date of Test:

Oct. 20, 2023 to Oct. 30, 2023

Stella zhu

(Stella Zhu)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

### 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 Hotline 400–003–0500 www.anbotek.com.cn



Page 4 of 33

Prepared By:



# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 5 of 33

# **Revision History**

Report Ver	sion		Description			Issued	Date	
R00	botek Ant	otek	Original Issue.	Anbotek	Anbote	Nov. 10	, 2023	Anbote
k Anbo, botek	Anbotek	Anboren otek	Ann	Anbotek	K Anbe	, botek	Anbotek	Anbo
otek Anbotek	Anboten	Anorebote	k Anbotek	Anbor	atek A	nbotek	Anboten	ek.

Anbc

### 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





FCC ID: 2AV7N-MEDO

# 1. General Information

# 1.1. Client Information

6.1.V.	
Applicant	: GUANGZHOU RANTION TECHNOLOGY CO., LTD.
Address	<ul> <li>Room 7002 and 7003, 7th Floor, Digital Entertainment Industrial Park,</li> <li>Greater Bay Area, No.28 Huangpu Park West Road, Huangpu District, Guangzhou, China.</li> </ul>
Manufacturer	: GUANGZHOU RANTION TECHNOLOGY CO., LTD.
Address	<ul> <li>Room 7002 and 7003, 7th Floor, Digital Entertainment Industrial Park,</li> <li>Greater Bay Area, No.28 Huangpu Park West Road, Huangpu District, Guangzhou, China.</li> </ul>
Factory	: Jiangmen Duole Technology Co., Ltd.
Address	Building 9, No. 52, Baotang Road, Tangxia Town, Pengjiang District, Jiangmen City, China.

# **1.2. Description of Device (EUT)**

-10 · · · ·	_	
Product Name	:	DONNER MEDO PORTABLE SYNTHESIZER
Test Model No.	:	MEDO tek Anborek Anborek Anborek Anborek Anborek
Reference Model No.	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	DONNER Dotek Anborek Anborek Anborek Anborek
Test Power Supply	:	AC 120V, 60Hz for adapter/ DC 3.7V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A botek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 et Anboren Anboren Anboren Anboren Anboren Anboren
Modulation Type	:	GFSK Anboren Anborek Anborek Anborek Anborek
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	1.9 dBiostek Anbotek Anbotek Anbotek Anbotek Anbotek
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

### 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





# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 7 of 33

# 1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi Anbolek	MDY-11-EX	SA62212LA04358J
Att botek Anboten	Anbo otek unbote	k Anbor An	lek Anboten Anos

### 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



botek А **Product Safety** 

### Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 8 of 33

# 1.4. Operation channel list

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
P.O.	2402	100°tek	2422	20 otek	2442	30	2462
1 1 <sub>Anbote</sub>	2404	× 11 not	2424	21	e <sup>k</sup> 2444.00 <sup>016</sup>	31	2464
tek 2 Anb	2406	12	otek 2426 proo	22	2446	oten 32 Ant	2466
	2408 M	13	2428	23	2448	10 <sup>016</sup> 33	2468
4	2410	Anbo 14	2430	24	2450	34	2470
Anb 5 tek	2412	Antons	2432	25	2452	35	2472
614	2414	16 <sup>°ter</sup>	2434	26 otek	2454	36	2474
7 nbore	2416	17 17 17 17 17 17 17 17	2436	ex 27 nbot	2456	37	2476 mot
lek 8 Anbo	2418	otek 18 Ant	2438	28	oote <sup>x</sup> 2458 proc	38	2478
botek 9 A	2420	19	2440	29	2460	39	2480
A	. 05		5.4	0	N. C.	1.0.5	- O -

# 1.5. Description of Test Modes

Pretest Modes	Descriptions
Anboten TM1 And	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)
TM2	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

# 1.6. Measurement Uncertainty

Uncertainty
3.4dB
925Hz Anbore Andrea Anbore Anbore
0.76dB
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB
Horizontal: 3.92dB; Vertical: 4.52dB

confidence level using a coverage factor of k=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)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com



# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 9 of 33

# 1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Andotek / Andoten	P
Conducted Emission at AC power line	Mode1,2	PANN
Occupied Bandwidth	Mode1,2	P
Maximum Conducted Output Power	Mode1,2	nbor P
Power Spectral Density	Mode1,2	Anbo, Pek
Emissions in non-restricted frequency bands	Mode1,2	PA
Band edge emissions (Radiated)	Mode1,2	Panbo
Emissions in frequency bands (below 1GHz)	Mode1,2	P An
Emissions in frequency bands (above 1GHz)	Mode1,2	nbote P
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek	Anbotek

Anbote

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

Anbo

Hotline 400–003–0500 www.anbotek.com.cn



Anbo

Anbotek



### FCC ID: 2AV7N-MEDO

### 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.

### 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.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. 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

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





# FCC ID: 2AV7N-MEDO

Page 11 of 33

# 1.10. Test Equipment List

Conducted Emission at AC power line

- ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	, pri	note. Any		K	pr. V	in Oter
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
× 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2023-10-12	2024-10-11
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	rek /Anbotek	Anboi Anboiek
	Not Not	P.r.	yer vup		Not No	be.

### Occupied Bandwidth Maximum Conducted Output Power Power Spectral Density

Emiss	sions in non-restricte	ed trequency bands	No.	~b012	Pr.	- woter
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Ant Ant	Power Meter	Agilent Moore	N1914A	MY500011 02	2023-10-20	2024-10-19
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

# Band edge emissions (Radiated)

Emis	sions in frequency ba	ands (above 1GHz)	Anbor	Ar.	anboten	And
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Anbo	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11
к 3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
o <sup>.</sup> **4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anboter A	nootek A
nb5 <sup>tek</sup>	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
600	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
7 <sup>Ar</sup>	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

### 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





# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 12 of 33

sions in frequency ba	ands (below 1GHz)	Anboro	An	Anboten	Anburgtek
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
Pre-amplifier	SONOMA	o <sup>otek</sup> 310N Anb	186860	2023-10-12	2024-10-11
Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anboten	And
	Equipment EMI Test Receiver Pre-amplifier Bilog Broadband Antenna EMI Test Software	EMI Test ReceiverRohde & SchwarzPre-amplifierSONOMABilog Broadband AntennaSchwarzbeckEMI Test SoftwareSHURPLE	EquipmentManufacturerModel No.EMI Test ReceiverRohde & SchwarzESR26Pre-amplifierSONOMA310NBilog Broadband AntennaSchwarzbeckVULB9163EMI Test SoftwareSHURPLEN/A	EquipmentManufacturerModel No.Serial No.EMI Test ReceiverRohde & SchwarzESR26101481Pre-amplifierSONOMA310N186860Bilog Broadband AntennaSchwarzbeckVULB9163345EMI Test SoftwareSHURPLEN/AN/A	EquipmentManufacturerModel No.Serial No.Last Cal.EMI Test ReceiverRohde & SchwarzESR261014812023-10-12Pre-amplifierSONOMA310N1868602023-10-12Bilog Broadband AntennaSchwarzbeckVULB91633452022-10-23EMI Test SoftwareSHUPPLEN/AN/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)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





FCC ID: 2AV7N-MEDO

# 2. Antenna requirement

hotek Anbor	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
And k botek	ensure that no antenna other than that furnished by the responsible party
Test Requirement:	shall be used with the device. The use of a permanently attached antenna or
Anbotek Anbot	of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

# 2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is 1.9 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





FCC ID: 2AV7N-MEDO

Page 14 of 33

# 3. Conducted Emission at AC power line

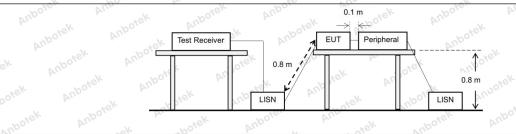
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie at exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as			
botek Anbort	Frequency of emission (MHz)	Conducted limit (dBµV)	Allingtok			
	Anbo k sotek Anbote	Quasi-peak	Average			
Anbore All	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 tek noote And	56 M	46			
	5-30 mo	60	50 ten And			
	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2					
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un					

# 3.1. EUT Operation

# **Operating Environment:**

Anbo	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in
Test mode:	continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in
abotek Anborc	continuously transmitting mode (BLE 2M)

# 3.2. 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

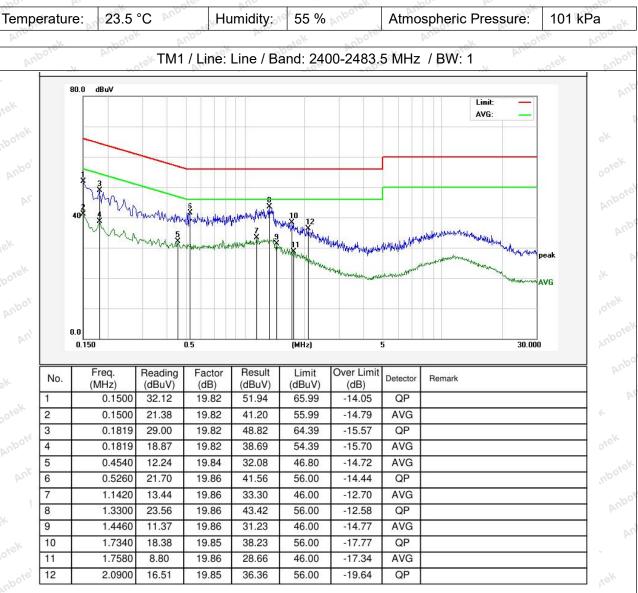




### FCC ID: 2AV7N-MEDO Page

Page 15 of 33

# 3.3. Test Data

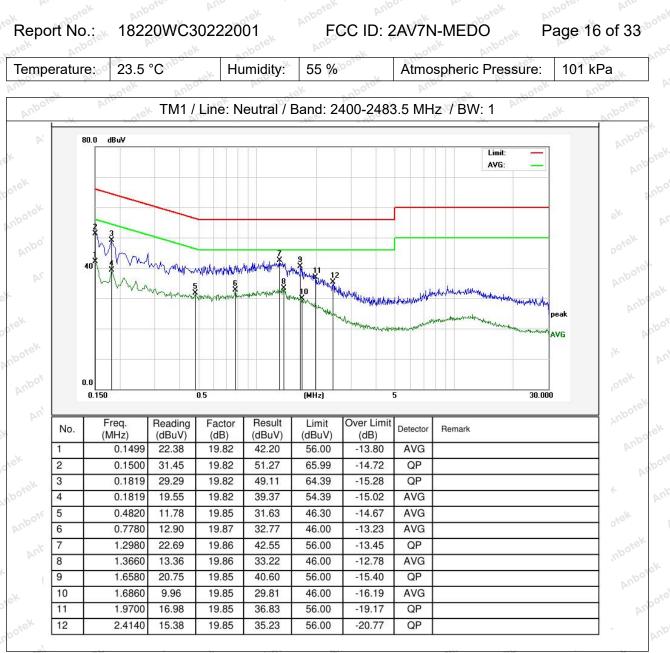


### Shenzhen Anbotek Compliance Laboratory Limited

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







Note:Only record the worst data 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



nbotek Α **Product Safety** 

### Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

# 4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek	<ul><li>11.8.1 Option 1</li><li>The steps for the first option are as follows:</li><li>a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.</li></ul>
Anbotek Anbote	<ul> <li>b) Set the VBW ≥ [3 × RBW].</li> <li>c) Detector = peak.</li> <li>d) Trace mode = max-hold.</li> </ul>
hotek Anborek All	<ul> <li>e) Sweep = No faster than coupled (auto) time.</li> <li>f) Allow the trace to stabilize.</li> <li>g) Measure the maximum width of the emission by placing two markers, one</li> </ul>
Procedure:	at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value.
tek Anbotek Anb	11.8.2 Option 2 The automatic handwidth macaurament canability of an instrument may be
hotek Anbotek A Anbotek Anbotek	The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW $\ge$ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function.
Anbotek Anbotek Anbotek Anbotek	When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be $\geq$ 6 dB.

# 4.1. EUT Operation

Anboi A	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)
Test mode:	2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

# 4.2. Test Setup

1	Tupo. N.				- 12	
		EUT		Spectrum Analy	zer	1
		aboten	And	r. wołek	Anboi	
	k	Page 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





# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 18 of 33

# 4.3. Test Data

Temperature:	26.3 °C	Humidity:	48 %	Atmospheric Pres	sure:	101 kPa
Please Refer to	Appendix for Det	ails.	stek snbote	Ann	botel	Anbo.

### 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



botek Α **Product Safety** 

### Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 19 of 33

# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit:	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

# 5.1. EUT Operation

Operating Env	vironment:
---------------	------------

Operating Env	ronment:		-K not	ek Anbore	All	*ek
Test mode:	1: TX mode(BLE 1 continuously trans 2: TX mode(BLE 2 continuously trans	mitting mode (B M): Keep the E	LE 1M) UT connect to	pore An	eX	
5.2. Test Set	uptek Anboten	And	nbotek	Anbor	p	Anbore

AUP

# 5.2. Test Setup

A		Anbo	EUT	Spectrum	n Analyzer			Anbote	
npotek ne	Test Data	Anbor	Anbotek	Anboten	Antonotek	Anbotek	Anbotek	Anb	

abort All		oten anbi	- Ker	All'	
Temperature:	26.3 °C	Humidity:	48 %	Atmospheric Pressure	e: 101 kPa

Please Refer to Appendix for Details.

### 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



Anbotek Product Safety

# Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

# 6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission

# 6.1. EUT Operation

Operating Envir	ronment:					nbotek		
Test mode:	continuou 2: TX mo	usly trans de(BLE 2	IM): Keep to mitting moo 2M): Keep to mitting moo	de (BLE 1 he EUT co	M) onnect to	AUD	N.	

# 6.2. Test Setup

-n			Ä	EUT		Spectrum A	nalyzer		
	Anthotek	Anbotek	Ann	*eK	abotek	Anbo.	к. В.	hotek	Anbo

# 6.3. Test Data

Temperature:	26.3 °C	Humidity:	48 %	Atmospheric Pi	ressure:	101 kPa	1000

Please Refer to Appendix for Details.

### 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



Anbotek Product Safety

# Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 21 of 33

# 7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

# 7.1. EUT Operation

### Operating Environment:

- D// -	
ek abotek	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in
Test mode:	continuously transmitting mode (BLE 1M)
Test mode.	2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in
100 10 10	continuously transmitting mode (BLE 2M)

# 7.2. Test Setup

10		EUT	 Spectru	m Analyzer			And
3	e. And hotek	b.,	oboter	Anb-	T -		An

# 7.3. Test Data

Temperature:	26.3 °C	Anbo	Humidity:	48 % Mbole	Atmospheric Pressure:	101 kPa
OUR	10.	2001	1×.	V 0	le. Vur	SK NO.

Please Refer to Appendix for Details.

### 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





# FCC ID: 2AV7N-MEDO

Page 22 of 33

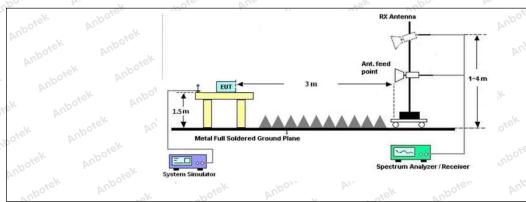
# 8. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the woo
K Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 10010
abotek Anbo	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30° hi dek mbo	30 And
	30-88	100 **	3 ek mbore
- boten Anbo	88-216	150 **	3
Test Limit:	216-960	200 **	3 boten And
	Above 960	500 hotek Anbo	3 det of
nbotek Anbotek Anb Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat frequency bands 54-72 MH	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		
Procedure:	ANSI C63.10-2020 section	6.10.5.2 March March 10.5.2	Am

# 8.1. EUT Operation

# Operating Environment: Test mode: 1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

# 8.2. Test Setup



### Shenzhen Anbotek Compliance Laboratory Limited

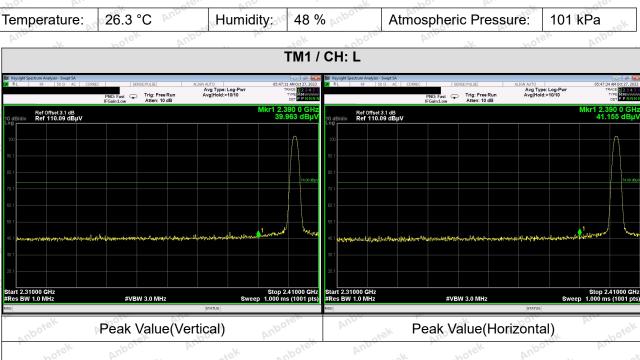
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com



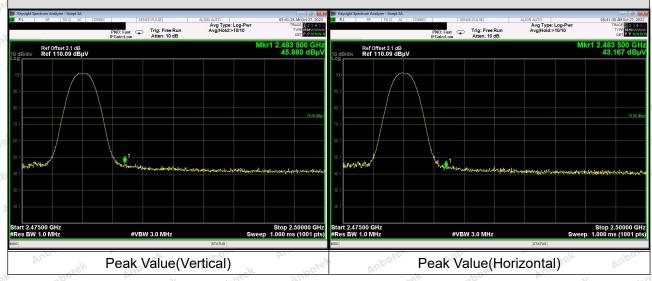


# FCC ID: 2AV7N-MEDO

# 8.3. Test Data



### TM1 / CH: H



### 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



# FCC ID: 2AV7N-MEDO Page 24 of 33

Average:					h. abotek	
Test Mode	Peak Value (dBuV/m)	Correction factor	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
TM1 / CH: L	39.963	-1.39	38.572	54.00	Vertical	Pass
	41.155	-1.39	39.764	54.00	Horizontal	Pass
TM1 / CH: H	48.88	-1.39	47.489	54.00	Vertical	Pass h
	43.167	-1.39	41.776	54.00	Horizontal	Pass

Anbc

### Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 1. Correction factor=20log(Duty Cycle)
- 2. Average Value=Peak Value+Correction factor

### 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



Anbotek Product Safety

# Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 25 of 33

# 9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.20	ly with the wo
K Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o. A. stek	0.009-0.490	2400/F(kHz)	300 mbole
boten Anbo	0.490-1.705	24000/F(kHz)	30 Jokek
All nboten	1.705-30.0	30	30
Anbor Antoniek	30-88	100 **	3 tek nbote
- botek Anbo	88-216	150 **	3
Test Limit:	216-960	200 **	3 boten And
Anbor Ar	Above 960	500 hotek Anbo	3 dek no
nbotek Anbotek Anb Anbotek Anbotek A Anbotek Anbotek	intentional radiators operat frequency bands 54-72 MH	ragraph (g), fundamental emissi ing under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anbotek Anbo
Procedure:	ANSI C63.10-2020 section	6.6.4 Anborek Anbore	Ann botek A

# 9.1. EUT Operation

Operating Env	vironment:				
Test mode:	1: TX mode(BLE 1 continuously trans 2: TX mode(BLE 2 continuously trans	mitting mode M): Keep the	(BLE 1M) EUT connect	br.	

### Shenzhen Anbotek Compliance Laboratory Limited

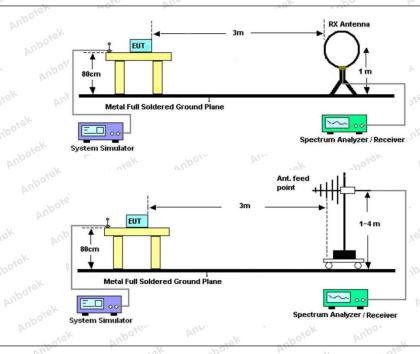
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





# FCC ID: 2AV7N-MEDO Page 26 of 33

# 9.2. 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



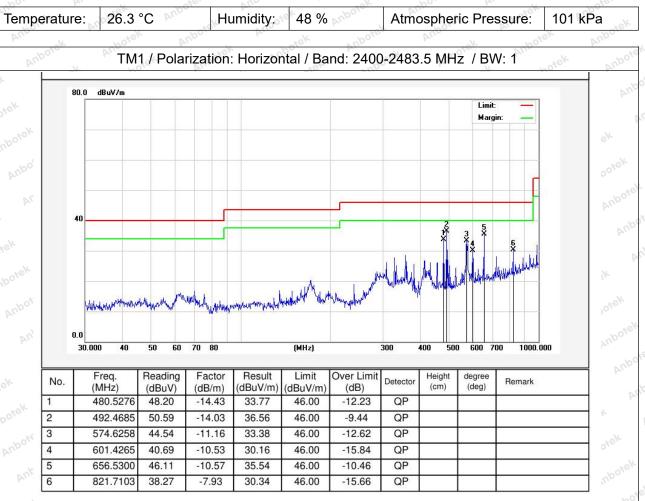
### FCC ID: 2AV7N-MEDO

Page 27 of 33

# 9.3. Test Data

Anbotek

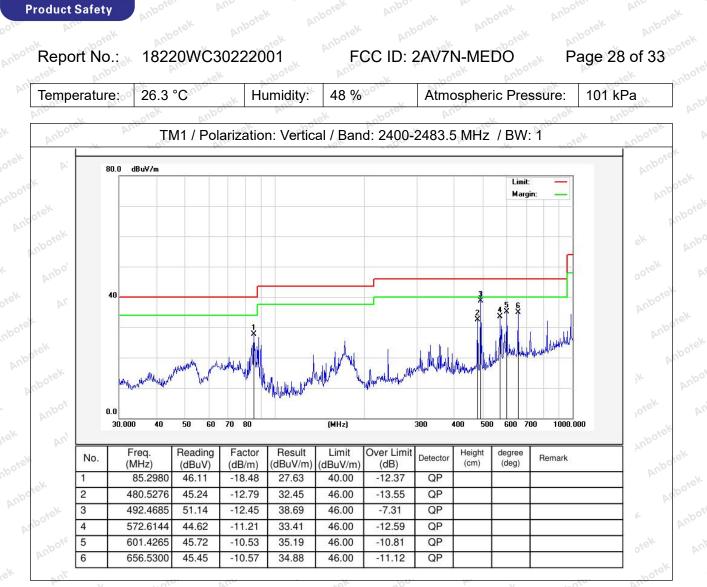
**Product Safety** 



### 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





Note:Only record the worst data in the report.

Anbotek

# 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



Anbotek Product Safety

# Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 29 of 33

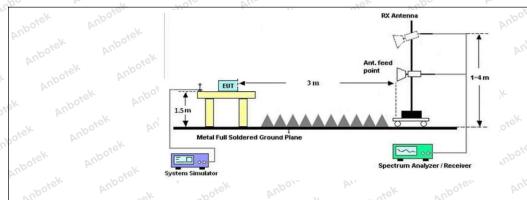
# 10. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $5(c)$ ).	
K Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
or principle	0.009-0.490	2400/F(kHz)	300 000
aboten Anbo	0.490-1.705	24000/F(kHz)	30 John
the nboten	1.705-30.0	30	30 Ano
	30-88	100 **	3 ek noote
- botek Anbo	88-216	150 **	3
Test Limit:	216-960	200 **	3 boten And
Anbor Ar	Above 960	500 motek Ando	3 dek onb
nbotek Anbotek Anb Anbotek Anbotek I Anbotek Anbotek	intentional radiators operati frequency bands 54-72 MH	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anboter Anb
Procedure:	ANSI C63.10-2020 section	6.6.4 Anborek Anbore	Arrit botek A

# 10.1. EUT Operation

# Operating Environment: Test mode: 1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

# 10.2. 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



Anbotek Product Safety

# Report No.: 18220WC30222001

FCC ID: 2AV7N-MEDO

Page 30 of 33

# 10.3. Test Data

10.5. Test Da					
Temperature:	26.3 °C	Humidity:	48 % proof	Atmospheric Pressure:	101 kPa
0.0P	. As	No. Bri		NOP-	tek wo

	TM1 / CH: L						
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization	
4804.00	28.12	15.27	43.39	74.00	-30.61	Vertical	
7206.00	28.24	18.09	46.33	74.00	-27.67	Vertical	
9608.00	28.97	23.76	52.73	74.00	-21.27	Vertical	
12010.00	Anboter * Ar	No.	botek Anb	74.00	otek Anbott	Vertical	
14412.00	anbo*ek	Anbo	hotek p	74.00	stek ont	Vertical	
4804.00	27.81	15.27	43.08	74.00	-30.92	Horizontal	
7206.00	28.64	18.09	46.73	74.00	-27.27	Horizontal	
9608.00	27.97	23.76	51.73	74.00	-22.27	Horizontal	
12010.00	potek * Anbo	ak ho	rek Anbote	74.00	r nbotek	Horizontal	
14412.00	botek* An	pore Ann	stek anbc	74.00	walk woote	Horizontal	

### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	16.39	15.27	31.66	54.00	-22.34	Vertical
7206.00	17.29	18.09	35.38	54.00	-18.62	Vertical
9608.00	18.44	23.76	42.20	54.00	-11.80	Vertical
12010.00	notet.	Anboten An		54.00 M <sup>09</sup>	-k - vi	Vertical **
14412.00	And * tek	nbotek	Anbol	54.00	bote. And	Vertical
4804.00	16.14	15.27	31.41	54.00	-22.59	Horizontal
7206.00	17.67	18.09	35.76	54.00	-18.24	Horizontal
9608.00	17.48	23.76	41.24	54.00	-12.76	Horizontal
12010.00	stek *	otek Anbor	ak hot	54.00	Ann	Horizontal
14412.00	nbo *	botek Ant	ote Ans	54.00	ek Aupo	Horizontal
		(n.	19.	9 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	N	No. No.

### 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



botek Α n **Product Safety** 

			1	ГM1 / CH: M			
Pea	ak value:						
F	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
	4880.00	27.67	15.42	43.09	74.00	-30.91 -30.91	Vertical
2	7320.00	28.21	18.02	46.23	74.00	-27.77	Vertical
,	9760.00	28.47	23.80	52.27	74.00	-21.73	Vertical
poke	12200.00	ek * nbotek	Anbor	protek	74.00	And	Vertical
. 10	14640.00	*	tek Anbore	Ann	74.00	Anbo	Vertical
P	4880.00	27.62	15.42	43.04	74.00	-30.96	Horizontal
P	7320.00	28.51	18.02	46.53	74.00	-27.47	Horizontal
	9760.00	27.69	23.80	51.49	74.00	-22.51	Horizontal
×.	12200.00	* tek	Anboten	And	74.00	upo. At	Horizontal
otek	14640.00	Ar*	Anbotek	Anbo	74.00	Anbore	Horizontal
Ave	erage value:						
F	requency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
	4880.00	16.48	15.42	31.90	54.00	-22.10	Vertical
ŀ	7320.00	17.15	18.02	35.17	54.00	18.83 And	Vertical
.tek	9760.00	18.29	23.80	42.09	54.00	-11.91	Vertical
	12200.00	k Anbore	Ann	Anboten	54.00	abotek	Vertical
Upo.	14640.00	otek * Anbot	And	ek abotek	54.00	Printek	Vertical
25	4880.00	16.25	o <sup>101</sup> 15.42	31.67	54.00	-22.33	Horizontal
	7320.00	18.02	18.02	36.04	54.00	-17.96	Horizontal
	9760.00	17.78	23.80	41.58	54.00	12.42 M	Horizontal

### Shenzhen Anbotek Compliance Laboratory Limited

14640.00

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 Anbotek

\*

Anbotet

Anbe

Ren a Hotline of 400-003-0500 www.anbotek.com.cn

54.00



Horizontal

Anbotek Product Safety

		-	TM1 / CH: H					
Peak value:								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization		
4960.00	27.80	15.58	43.38	74.00	-30.62	Vertical		
7440.00	28.37	17.93	46.30	74.00	-27.70	Vertical		
9920.00	29.17	23.83	53.00	74.00	-21.00	Vertical		
12400.00	P* wotek	Anboten	Anbe	74.00	Anbor	Vertical		
14880.00	* Anv	kek nbotel	Aupor	74.00	Anbore	Vertical		
4960.00	27.76 M	15.58	43.34	74.00	-30.66	Horizontal		
7440.00	28.72	17.93	46.65	74.00	-27.35	Horizontal		
9920.00	28.07	23.83	51.90	74.00	-22.10	Horizontal		
12400.00	Anb *	abotek	Anbor	74.00	Inboten Ant	Horizontal		
14880.00	AL*DOLL	pri	Anboten	74.00	abotek	Horizontal		
Average value:								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization		
4960.00	17.60	15.58	33.18	54.00	-20.82	Vertical		
7440.00	18.42	17.93	36.35	54.00	-17.65	Vertical		
9920.00	18.94	23.83	42.77	54.00	-11.23	Vertical		
12400.00	* * nootek	Anbo	hotek	54.00	Ann	Vertical		
14880.00	* * *	Anbore	Ans	54.00	Anbo	Vertical		
4960.00	17.43	15.58	33.01	54.00	-20.99	Horizontal		
7440.00	18.82 M	17.93	o <sup>tek</sup> 36.75 ph <sup>00</sup>	54.00	-17.2500 <sup>10</sup>	Horizontal		
9920.00	17.93	23.83	41.76	54.00	-12.24	Horizontal		
12400.00	* tek	nbote	Ann	54.00	100 M.	Horizontal		
- Ac	-04	Nº N	A.O.	NOV		-60 r		

### Remark:

- 1. Result =Reading + Factor
- 2. "\*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.
- 3. Only the worst case is 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





# Report No.: 18220WC30222001 FCC ID: 2AV7N-MEDO Page 33 of 33

# **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

