

 Report No.:
 18220WC40017501
 FCC ID: 2AOKB-T8D02
 Page 1 of 38

# FCC Test Report

Applicant

# Anker Innovations Limited

Address

Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

Product Name

eufy Wearable Breast Pump S1/eufy Wearable Breast Pump E10

Report Date :

: Apr. 15, 2024



Shenzhen 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





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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.	
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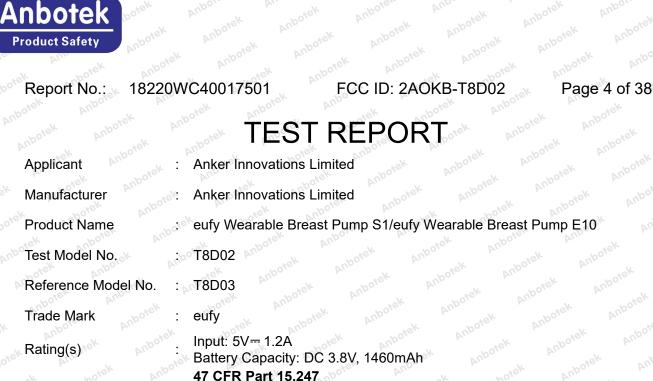


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Test Standard(s)

Battery Capacity: DC 3.8V, 1460mAh 47 CFR Part 15.247 KDB 558074 D01 15.247 Meas Guidance v05r02 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 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:

Date of Test:

Jan. 24, 2024 Jan. 24, 2024 to Apr. 02, 2024

Ella sian

Prepared By:

(Ella Liang)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

#### Shenzhen Anbotek Compliance Laboratory Limited

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# **Revision History**

Report Version	Description	Issued Date
Anboret R00 nootek An	Original Issue.	Apr. 15, 2024
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ore Annotek Anbotet	Anber Anbotek Anbot	tek Anbotek Anboter A

Anbc

#### Shenzhen Anbotek Compliance Laboratory Limited

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# 1. General Information

# 1.1. Client Information

Applicant	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Manufacturer	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

# 1.2. Description of Device (EUT)

Product Name	:	eufy Wearable Breast Pump S1/eufy Wearable Breast Pump E10
Test Model No.	:	T8D02 hole And borek And And And And And
Reference Model No.	:	T8D03 (Note: According to the model differences on page 6, we prepare "T8D02" for all tests, and prepared "T8D03" for conducted emission and radiated spurious emissions (below 1GHz) difference testing.)
Trade Mark	:	eufy hotek Andorek Andorek Andorek Andorek Andorek
Test Power Supply	:	AC 120V/60Hz for adapter; DC 3.8V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/Ak Anbotek Anbotek Anbotek Anbotek Anbotek
<b>PE</b> Specification		

#### **RF Specification**

Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Anborek Anbor An Anborek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK https:// Antibio.com
Antenna Type	:	FPC Antenna
Antenna Gain(Peak)	:	1.75dBi
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

User's Manual.

#### Model differences:

meder anoreneee.		
Model Name	Product Name	Charging method
T8D02	eufy Wearable Breast Pump S1	Magnetic charging
T8D03	eufy Wearable Breast Pump E10	Type-C charging
10. · · · · · · · · · · · · · · · · · · ·		201

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### 1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
k hotek Anbo	and atek nbotek	Anbon An hotel	Anboten Anto

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#### 1.4. Operation channel list

Operation Band:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anbote	2402	10 not	2422	20	2442 00te	30	2462
otek 1 Anb	2404	tek 11	otek 2424 pribo	21	2444 Anto	31 And	2464
botek2	2406	12	2426	22	2446	10 <sup>016</sup> 32	2466
34	2408	13	2428	Anboard	2448	33	2468
4 dotek	2410	And 14 tek	2430	24	2450	34	2470
5 spotek	2412	15	2432	25	2452	35,0010	2472
ek 6 noo	e <sup>k</sup> 2414 more	16	otek 2434 Moot	26 Anbo	2454	tek 36 Anbr	2474
tek 7	bote <sup>2</sup> 2416 M <sup>nb</sup>	17 An	2436	otek 27 An	2456	bote <sup>K</sup> 37 Þ	2476
8	2418	18	2438	28	2458	38	2478
Anb 9	2420	Anboit 19	2440	29	2460	39	2480

# 1.5. Description of Test Modes

	Pretest Mod	es	Descriptions
Lotek	TM1	Anbo.	Keep the EUT works in continuously transmitting mode (BLE 1M)
botek	TM2	Anbo	Keep the EUT works in continuously transmitting mode (BLE 2M)

#### 1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Power Spectral Density	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

level using a coverage factor of k=2.

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# 1.7. Test Summary

/ Mode1,2 Mode1,2 Mode1,2 Mode1,2	Anbertek P Anbertek P Anbertek P Anbertek P
Mode1,2 Mode1,2	P P P P P P P P
Mode1,2	PAnnek P
Alte	N <sup>botek</sup> P
Mode1,2	nbon P.
D.V.	-sek
Mode1,2	Anbo Potek
Mode1,2	P
Mode1,2	Pano
Mode1,2	PAR
	Mode1,2 Mode1,2

Anbote

Ank

N: N/A, not applicable

Anbo

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Anbo

Anbotek



#### FCC ID: 2AOKB-T8D02

#### 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. 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.

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#### 1.10. Test Equipment List

>C``					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
Software Name EZ-EMC	Farad Technology	ANB-03A	N/A notek	Alootek	Anbor
EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
	L.I.S.N. Artificial Mains Network Three Phase V- type Artificial Power Network Software Name EZ-EMC	L.I.S.N. Artificial Mains NetworkRohde & SchwarzThree Phase V- type Artificial Power NetworkCYBERTEKSoftware Name EZ-EMCFarad Technology	L.I.S.N. Artificial Mains NetworkRohde & SchwarzENV216Three Phase V- type Artificial Power NetworkCYBERTEKEM5040DTSoftware Name EZ-EMCFarad TechnologyANB-03A	L.I.S.N. Artificial Mains NetworkRohde & SchwarzENV216100055Three Phase V- type Artificial Power NetworkCYBERTEKEM5040DTE215040D T001Software Name EZ-EMCFarad TechnologyANB-03AN/A	L.I.S.N. Artificial Mains NetworkRohde & SchwarzENV2161000552024-01-18Three Phase V- type Artificial Power NetworkCYBERTEKEM5040DTE215040D T0012024-01-17Software Name EZ-EMCFarad TechnologyANB-03AN/A/

Occupied Bandwidth	Anbo	br.
Maximum Conducted Output F	ower sole	
Power Spectral Density		

E nda

Emis	sions in non-restricte	d frequency bands	Mark	00'	Pr.	hove.
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 <sub>Ant</sub>	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/Aphbol	2023-10-16	2024-10-15
<sub>e</sub> 2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
oo <sup>t</sup> 3 <sup>r</sup>	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
An4ote	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
5.00	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6 🖻	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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		Anboro	Ano	Anbotek	Anbo
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24
	sions in frequency ba Equipment EMI Test Receiver EMI Preamplifier Double Ridged Horn Antenna EMI Test Software EZ-EMC Horn Antenna Spectrum Analyzer	EMI Test ReceiverRohde & SchwarzEMI PreamplifierSKET ElectronicDouble Ridged Horn AntennaSCHWARZBECKEMI Test Software EZ-EMCSHURPLEHorn AntennaA-INFOSpectrum AnalyzerRohde & Schwarz	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.EMI Test ReceiverRohde & SchwarzESR26EMI PreamplifierSKET ElectronicLNPA- 0118G-45Double Ridged Horn AntennaSCHWARZBECKBBHA 9120DEMI Test Software EZ-EMCSHURPLEN/AHorn AntennaA-INFOLB-180400- KFSpectrum AnalyzerRohde & SchwarzFSV40-NAmplifierTalent MicrowaveTLLA18G40	Sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.EMI Test ReceiverRohde & SchwarzESR26101481EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 002Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D02555EMI Test Software EZ-EMCSHURPLEN/AN/AHorn AntennaA-INFOLB-180400- KF8Spectrum AnalyzerRohde & SchwarzFSV40-N101792AmplifierTalent MicrowayeTLLA18G40 2302280223022802	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.Last Cal.EMI Test ReceiverRohde & SchwarzESR261014812024-01-23EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 0022024-01-17Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D025552022-10-16EMI Test Software EZ-EMCSHURPLEN/AN/A/Horn AntennaA-INFOLB-180400- KFJ21106062 

Emissions in frequency bands (below 1GHz)

- 00	biene in nequency be					
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Antore	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5.00	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A N/A	Anbore Anbore	k Anbotek

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# 2. Antenna requirement

hotek Anbo.	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
An stek anbot	of an antenna that uses a unique coupling to the intentional radiator shall be
anbo A	considered sufficient to comply with the provisions of this section.

# 2.1. Conclusion

The antenna is a FPC Antenna which permanently attached, and the best case gain of the antenna is 1.75dBi . It complies with the standard requirement.

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# 3. Conducted Emission at AC power line

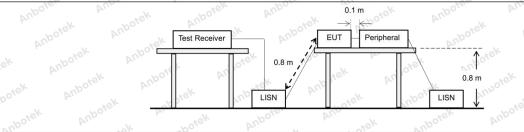
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie of exceed the limits in the f	nected to the at is conducted s, within the ollowing table, as
botek Anbore	Frequency of emission (MHz)	Conducted limit (dBµV)	All atek
	Anbo K sotek Anbore	Quasi-peak	Average
Anbore An.	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 tek proofe And	56 horek An	46
	5-30	60	50 ten And
	*Decreases with the logarithm of t	the frequency.	hi. wotek and
Test Method:	ANSI C63.10-2020 section 6.2	botek Anbote.	Annatek
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un		

# 3.1. EUT Operation

#### **Operating Environment:**

Operating Env	vironment:						
Test mode:	1M)	to the	otek Ant			Anbore.	ng mode (BLE
abotek Anbo	2M)	botek	Anbore	An-	Anbotek	Anbo	Anbotek

#### 3.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

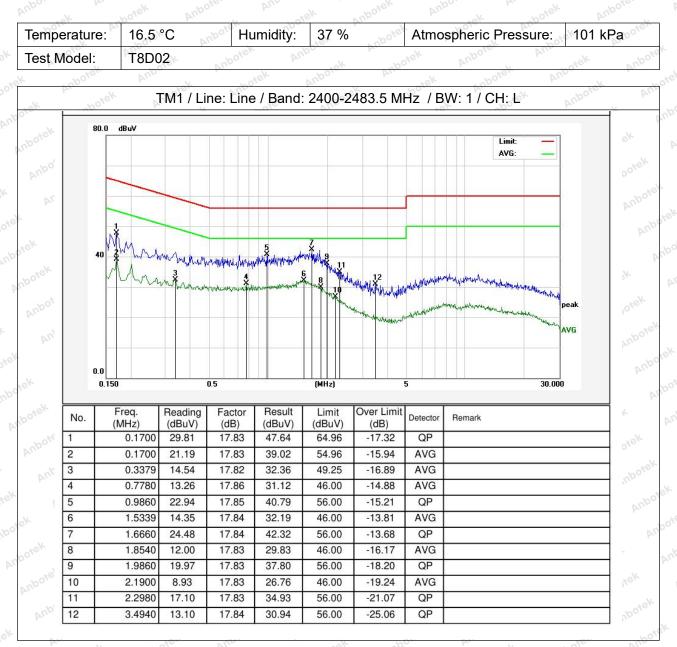
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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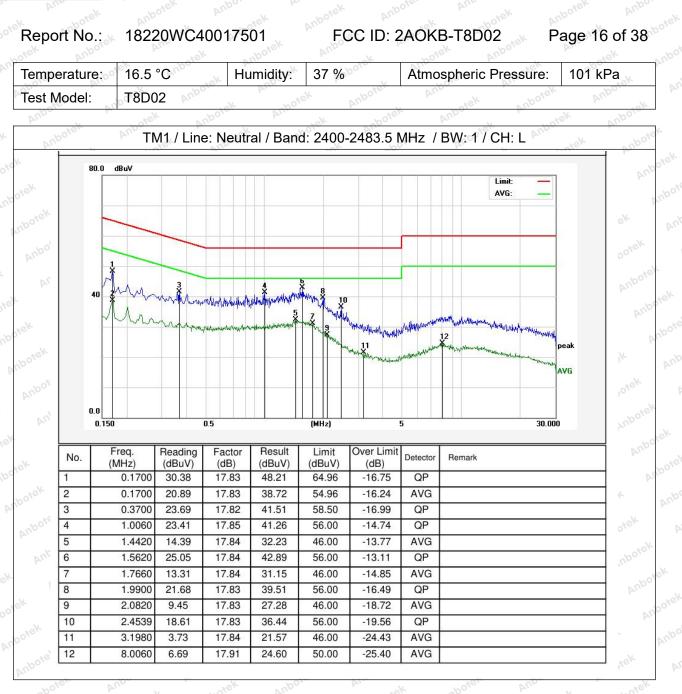
#### 3.3. Test Data



#### Shenzhen Anbotek Compliance Laboratory Limited

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#### Note:Only record the worst data in the report.

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empe	rature: 16	.5 °C	H	umidity:	37 %	At	mosphe	eric Pressure:	101 kPa
est Mo	odel: T8	D03	00 <sup>10</sup>	- Prin	No Me	boten	AUP	ek sootek	Anbore
AUPOIL		stek	nboten	Aups	. ek	botek	Aupor	<u> </u>	tek anboier
nb	oter And	TM1 /	Line: Lir	ne / Band	1: 2400-24	483.5 MHz	z / BW:	1 / CH: L	walk wold
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					and the second s	T of the dynamics of the	and the particular	- Mariana	Peak
	0.0					and a second s	and a second	- Alexandra	peak drightymenseuron AVG
			0.5		(MHz)	and a second s	S		Peak
	0.0 0.150 Freq.	Reading	0.5 Factor	Result	(MHz)	Over Limit	5	and provide and	peak drightymenseuron AVG
No.	0.0 0.150 Freq. (MHz)	Reading (dBuV)	0.5 Factor (dB)	Result (dBuV)	(MHz)	Over Limit (dB)	5 Detector	Remark	peak drightymenseuron AVG
No.	0.0 0.150 Freq. (MHz) 0.2220	Reading (dBuV) 15.83	Pactor (dB) 17.82	Result (dBuV) 33.65	(MHz) (MHz) Limit (dBuV) 52.74	Over Limit (dB) -19.09	5 Detector AVG	and provide and	peak drightymenseuron AVG
No.	0.0 0.150 Freq. (MHz) 0.2220 0.4420	Reading (dBuV) 15.83 12.59	0.5 Factor (dB) 17.82 17.83	Result (dBuV) 33.65 30.42	(MHz) (MHz) Limit (dBuV) 52.74 47.02	Over Limit (dB) -19.09 -16.60	5 Detector AVG AVG	and provide and	peak drightymenseuron AVG
No. 1 2	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780	Reading (dBuV) 15.83	Factor (dB) 17.82	Result (dBuV) 33.65	(MHz) (MHz) Limit (dBuV) 52.74	Over Limit (dB) -19.09	5 Detector AVG	and provide and	peak drightymenseuron AVG
No. 1 2 3	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140	Reading (dBuV) 15.83 12.59 12.75 12.86	5 Factor (dB) 17.82 17.83 17.87 17.86	Result (dBuV) 33.65 30.42 30.62 30.72	(MHz) (MHz) 52.74 47.02 46.00 46.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28	5 Detector AVG AVG AVG AVG	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87	0.5 Factor (dB) 17.82 17.83 17.87 17.86 17.86	Result (dBuV) 33.65 30.42 30.62 30.72 40.73	(MHz) (MHz) Limit (dBuV) 52.74 47.02 46.00 46.00 56.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27	Detector AVG AVG AVG AVG QP	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5 6	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460 1.5420	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87 11.33	0.5 Factor (dB) 17.82 17.83 17.87 17.86 17.86 17.86 17.85	Result (dBuV) 33.65 30.42 30.62 30.72 40.73 29.18	(MHz) (MHz) Limit (dBuV) 52.74 47.02 46.00 46.00 56.00 46.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27 -16.82	Detector AVG AVG AVG AVG AVG AVG AVG	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5 6 7	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460 1.5420 1.6180	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87 11.33 21.38	5 Factor (dB) 17.82 17.83 17.87 17.86 17.86 17.85 17.85	Result (dBuV) 33.65 30.42 30.62 30.72 40.73 29.18 39.23	(MHz) (MHz) Limit (dBuV) 52.74 47.02 46.00 46.00 56.00 46.00 56.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27 -16.82 -16.77	5 Detector AVG AVG AVG AVG QP AVG QP	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5 6 7 8	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460 1.5420 1.6180 1.8420	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87 11.33 21.38 9.29	0.5 Factor (dB) 17.82 17.83 17.87 17.86 17.86 17.85 17.85 17.85	Result (dBuV) 33.65 30.42 30.62 30.72 40.73 29.18 39.23 27.14	(MHz) (MHz) Limit (dBuV) 52.74 47.02 46.00 46.00 56.00 46.00 56.00 46.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27 -16.82 -16.77 -18.86	5 Detector AVG AVG AVG AVG QP AVG QP AVG	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5 6 7 8 9	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460 1.5420 1.6180 1.8420 2.0100	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87 11.33 21.38 9.29 18.84	5.5 Factor (dB) 17.82 17.83 17.87 17.86 17.86 17.85 17.85 17.85 17.85	Result (dBuV) 33.65 30.42 30.62 30.72 40.73 29.18 39.23 27.14 36.69	(MHz) (MHz) (MHz) (MHz) 52.74 47.02 46.00 46.00 56.00 46.00 56.00 46.00 56.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27 -16.82 -15.77 -18.86 -19.31	Detector AVG AVG AVG AVG AVG QP AVG QP AVG QP	and provide and	peak drightymenseuron AVG
No. 1 2 3 4 5 6 7 8	0.0 0.150 Freq. (MHz) 0.2220 0.4420 0.7780 1.1140 1.1460 1.5420 1.6180 1.8420	Reading (dBuV) 15.83 12.59 12.75 12.86 22.87 11.33 21.38 9.29	0.5 Factor (dB) 17.82 17.83 17.87 17.86 17.86 17.85 17.85 17.85	Result (dBuV) 33.65 30.42 30.62 30.72 40.73 29.18 39.23 27.14	(MHz) (MHz) Limit (dBuV) 52.74 47.02 46.00 46.00 56.00 46.00 56.00 46.00	Over Limit (dB) -19.09 -16.60 -15.38 -15.28 -15.27 -16.82 -16.77 -18.86	5 Detector AVG AVG AVG AVG QP AVG QP AVG	and provide and	peak drightymenseuron AVG

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empei	rature: 16	6.5 °C	, Hi	umidity:	37 %	At	mosphe	eric Pressure	e:   101	kPa
est Mo	odel: T8	3D03	0°.	P	sk ar	boter.	AUD	ek abo	lok .	Anbor
PUPOI		dek	Anboter	Aupa	. ek	obotek	Aupor	μ	otek	Anboten
ab	oter Aup	TM1 / L	ine: Neu	itral / Bar	nd: 2400-2	2483.5 MH	lz / BW	/: 1 / CH: L	100	50
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			илалирания 1.5	and here and	(MHz)	10 X		and the spectrum and many	South State of State	
	0.150		1.5		(MHz)	10 	12 5 5	an del Provension (a construction de la constructio		AVG
	0.150 Freq.	Reading	1.5 Factor	Result	(MHz)	Over Limit	12 5 5	Remark	1	AVG
a	0.150		1.5		(MHz)	10 	12 5 5	Remark	30.	AVG
No.	0.0 0.150 Freq. (MHz)	Reading (dBuV)	1.5 Factor (dB)	Result (dBuV)	(MHz)	Over Limit (dB)	12 Sector	Remark	30.	AVG
0 No. 1	0.150 Freq. (MHz) 0.1499	Reading (dBuV) 27.72	Factor (dB) 17.82	Result (dBuV) 45.54	(MHz) Limit (dBuV) 66.00	Over Limit (dB) -20.46	12 Sector Production 5 Detector QP	Remark	30.	AVG
No. 1 2	0.0 0.150 Freq. (MHz) 0.1499 1.3180	Reading (dBuV) 27.72 13.27	Factor (dB) 17.82 17.86	Result (dBuV) 45.54 31.13	(MHz) (MHz) Limit (dBuV) 66.00 46.00	Over Limit (dB) -20.46 -14.87	12 5 Detector QP AVG	Remark	30.	AVG
No. 1 2 3 4	0.150 Freq. (MHz) 0.1499 1.3180 1.3860 1.6460	Reading (dBuV) 27.72 13.27 23.31 10.88	Factor (dB) 17.82 17.86 17.86 17.85	Result (dBuV) 45.54 31.13 41.17 28.73	(MHz) Limit (dBuV) 66.00 46.00 56.00 46.00	Over Limit (dB) -20.46 -14.87 -14.83 -17.27	12 Detector QP AVG QV AVG	Remark	30.	AVG
No. 1 2 3 4 5	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72	Factor (dB) 17.82 17.86 17.86 17.85 17.86	Result (dBuV) 45.54 31.13 41.17 28.73 37.58	(MHz) (MHz) Limit (dBuV) 66.00 46.00 56.00 46.00 56.00	Over Limit (dB) -20.46 -14.87 -14.83 -17.27 -18.42	Detector QP AVG QP AVG QP	Remark	30.	AVG
No. 1 2 3 4 5 6	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540 1.9660	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72 8.55	Factor (dB) 17.82 17.86 17.86 17.85 17.86 17.85	Result (dBuV) 45.54 31.13 41.17 28.73 37.58 26.40	(MHz) (MHz) Limit (dBuV) 66.00 46.00 56.00 46.00 56.00 46.00	Over Limit (dB) -20.46 -14.87 -14.83 -17.27 -18.42 -19.60	12 Detector QP AVG QP AVG QP AVG	Remark	30.	AVG
No. 1 2 3 4 5 6 7	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540 1.9660 2.0940	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72 8.55 16.82	Factor (dB) 17.82 17.86 17.86 17.85 17.85 17.85	Result (dBuV) 45.54 31.13 41.17 28.73 37.58 26.40 34.67	(MHz) Limit (dBuV) 66.00 46.00 56.00 46.00 56.00 46.00 56.00	Over Limit (dB) -20.46 -14.87 -14.83 -17.27 -18.42 -19.60 -21.33	5 Detector QP AVG QP AVG QP AVG QP	Remark	30.	AVG
No. 1 2 3 4 5 6 7 8	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540 1.9660 2.0940 2.3980	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72 8.55 16.82 6.22	Factor (dB) 17.82 17.86 17.86 17.85 17.85 17.85 17.85 17.85	Result (dBuV) 45.54 31.13 41.17 28.73 37.58 26.40 34.67 24.07	(MHz) (MHz) (MHz) (MHz) (MHz) (GBuV) 66.00 46.00 56.00 46.00 56.00 46.00 56.00 46.00	10           Over Limit (dB)           -20.46           -14.87           -14.83           -17.27           -18.42           -19.60           -21.33           -21.93	Detector QP AVG QP AVG QP AVG QP AVG QP AVG	Remark	30.	AVG
No. 1 2 3 4 5 6 7 8 9	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540 1.9660 2.0940 2.3980 3.2540	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72 8.55 16.82 6.22 12.23	Factor (dB) 17.82 17.86 17.86 17.85 17.85 17.85 17.85 17.85 17.85	Result (dBuV) 45.54 31.13 41.17 28.73 37.58 26.40 34.67 24.07 30.08	(MHz) (MHz) Limit (dBuV) 66.00 46.00 56.00 46.00 56.00 46.00 56.00 46.00 56.00	U           Over Limit (dB)           -20.46           -14.83           -17.27           -18.42           -19.60           -21.33           -25.92	Detector QP AVG QP AVG QP AVG QP AVG QP AVG QP	Remark	30.	AVG
No. 1 2 3 4 5 6 7 8	Freq. (MHz) 0.1499 1.3180 1.3860 1.6460 1.7540 1.9660 2.0940 2.3980	Reading (dBuV) 27.72 13.27 23.31 10.88 19.72 8.55 16.82 6.22	Factor (dB) 17.82 17.86 17.86 17.85 17.85 17.85 17.85 17.85	Result (dBuV) 45.54 31.13 41.17 28.73 37.58 26.40 34.67 24.07	(MHz) (MHz) (MHz) (MHz) (MHz) (GBuV) 66.00 46.00 56.00 46.00 56.00 46.00 56.00 46.00	10           Over Limit (dB)           -20.46           -14.87           -14.83           -17.27           -18.42           -19.60           -21.33           -21.93	Detector QP AVG QP AVG QP AVG QP AVG QP AVG	Remark	30.	AVG

Note:Only record the worst data in the report.

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# Report No.: 18220WC40017501

FCC ID: 2AOKB-T8D02

# 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
Knbotek Anbor 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>
Ante Anbotek Anbote	b) Set the VBW ≥ [3 × RBW]. c) Detector = peak.
otek Anbotek Anb	<ul> <li>d) Trace mode = max-hold.</li> <li>e) Sweep = No faster than coupled (auto) time.</li> <li>f) Allow the trace to stabilize.</li> </ul>
Procedure:	g) Measure the maximum width of the emission by placing two markers, one 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 Anbo	11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be
Anbotek Anbotek A	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
Anbotek Anbotek Anbotek Anbotek	function. 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

Operating Envi	ronment:			Aupo	rek.	abotek	Anbore	N.
Test mode:	1: TX mode(BL 1M) 2: TX mode(BL 2M)	Hek n	nbote		botek	Aupor		

# 4.2. Test Setup

EUT	Sp	ectrum Analy	/zer
boter	T	otek	nb

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#### 4.3. Test Data

Temperature:	25.3 °C	Hum	nidity: 48 %	Anbore	Atmospheric Pre	ssure:	101 kPa
And		Anbo	k.	abote	And		
Please Refer to	Appendix	for Details.					

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# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit: Anborek Anborek Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek	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 Envir	onment:	abotek	Anbo		hotek	Anbore		N9.	000
ek nbotek	1: TX mode(BLE	E 1M): Ke	ep the EUT	ˈworks i	in contir	nuously tra	ansmitting	mode (E	3LE
Test mode:	1M) 1001								
Test mode.	2: TX mode(BLE	E 2M): Ke	ep the EUT	works i	in contir	nuously tra	ansmitting	mode (E	3LE
and the	2M)								

#### 5.2. Test Setup



#### 5.3. Test Data

Temperature:	25.3 °C	And	lumidity:	48 %	Atmospheric Pressure	e: 101 kPa
000	10.	200	h.	N. John	No. VUL	Let 19

Please Refer to Appendix for Details.

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#### Report No.: 18220WC40017501

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# 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

Test mode:       1: TX mode(BLE 1M): Keep the EUT works in continuously transmitting mode (BLE 1M)         2: TX mode(BLE 2M): Keep the EUT works in continuously transmitting mode (BLE 2M): Keep the EUT works in continuously transmitting mode (BLE 2M)	9	Operating Envir	onment:	Anbote.	Ant	-Yek	obotek	Anbo	ek h.	botek
	1	Fest mode:	1M) Anbore	PIL			Anbe	V	hotek	Anbor

# 6.2. Test Setup

		EUT _		Spectrum Ana	alyzer	
nb- otek	Anbotek	Ann	abotek	Anbo.	A" - wotek	

# 6.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pre	essure: 101 kPa	Pur

Please Refer to Appendix for Details.

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<u>Anbotek</u> **Product Safety** 

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# 7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: Anborek Anborek Motek 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 Envir	onment:						
tek Anbotek	1: TX mode(BLE 1M)	E 1M): Kee	ep the EUT	works in c	ontinuously	transmitting i	mode (BLE
Test mode:	2: TX mode(BLE 2M)	E 2M): Kee	ep the EUT	works in c	ontinuously	transmitting i	mode (BLE
7.2. Test Set	N notek	Anbe	20 <sup>16</sup> . AN	abotek	Anbotek	Anbo	Anbotek

# 7.2. Test Setup

EUT	Spectru	m Analyze	r	
b	hoter	Anb-	τ.	

#### 7.3. Test Data

Temperature:	25.3 °C	Anbo	Humidity:	48 % phon	Atmospheric Pre	ssure: 101 kPa	Yor.
OUP	No.	~V00.	12.	N	de. PUP	de Hou	0.

Please Refer to Appendix for Details.

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# FCC ID: 2AOKB-T8D02

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# 8. Band edge emissions (Radiated)

Test Requirement:	radiated emission limits specified in § 15.209(a)(see § 15.205(c)).								
Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)						
	0.009-0.490	2400/F(kHz)	300 Moore						
nboten And	0.490-1.705	24000/F(kHz)	30						
	1.705-30.0	30	30						
	30-88	100 **	3 rek Anbore						
aboten Anbe	88-216	150 ** poter P	3						
	216-960	200 ** 0	3 boter Ant						
Anbo	Above 960	500 poter Ando	3 jet n						
	frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown	ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on	470-806 MHz. ted under other pand edges.						
	90 kHz, 110–490 kHz and a	beak detector except for the frec above 1000 MHz. Radiated emis ed on measurements employing	uency bands 9– ssion limits in						
Test Method:	90 kHz, 110–490 kHz and a these three bands are base	above 1000 MHz. Radiated emis ed on measurements employing 6.10	uency bands 9– ssion limits in						

# 8.1. EUT Operation

Operating Envir	onment:	nbotek	Anbo.	K Pri	Hotek	Anboten	Ant	otek N
hotek Anboten	1: TX mode(BLE	1M): Keep	the EUT	works in	continuo	ously trans	mitting m	ode (BLE
Test mode:	1M) 2: TX mode(BLE	2M): Keep	the EUT	works in	continuo	ously trans	mitting m	ode (BLE
And	2M)	ak ni	otek p	nboter	And	dek.	nbotek	Anbo.

#### Shenzhen Anbotek Compliance Laboratory Limited

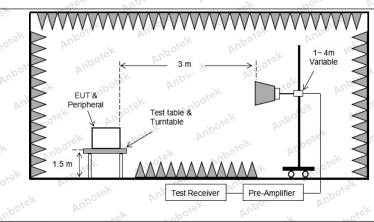
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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# 8.2. Test Setup



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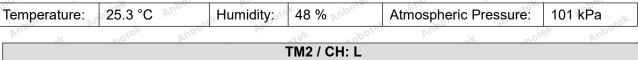
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com

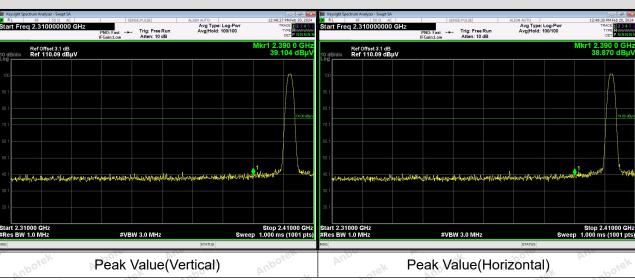




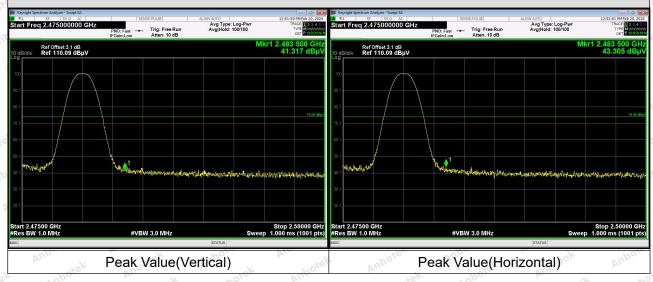
#### FCC ID: 2AOKB-T8D02 Pag

#### 8.3. Test Data









#### Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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# 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 § 15.2	ly with the woo							
Anbotek Anbon	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)							
unbotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30							
Anbotek Anbore	1.705-30.0 30-88	30 100 ** 450 **	30							
Anboite Anbotek	88-216 216-960 Above 960	150 ** 200 ** 500	3							
Test Limit: Drek Anborek Anbor	Above 9605003Limit:** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except 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.									
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anbore							
Procedure:	ANSI C63.10-2020 section	6.6.4 Ant	orek unbotek							

# 9.1. EUT Operation

Operating Envir	onment:	Anbotek	Anbo.	ek.	botek	Anboten	And	stek M
hotek Anboter	1: TX mode(BLE	1M): Keep	the EUT	works in	continuo	usly transr	nitting mo	ode (BLE
Test mode:	1M) 2: TX mode(BLE	2M): Keep	the EUT	works in	continuo	usly transr	nitting mo	ode (BLE
Ann	2M) And	ak n	otek	Anbore	Ans	495 M	botek-	Anbo

#### Shenzhen Anbotek Compliance Laboratory Limited

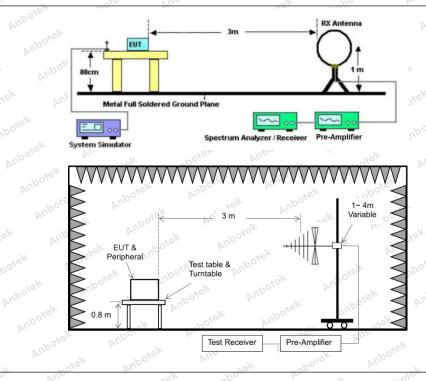
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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# 9.2. Test Setup



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#### 9.3. Test Data

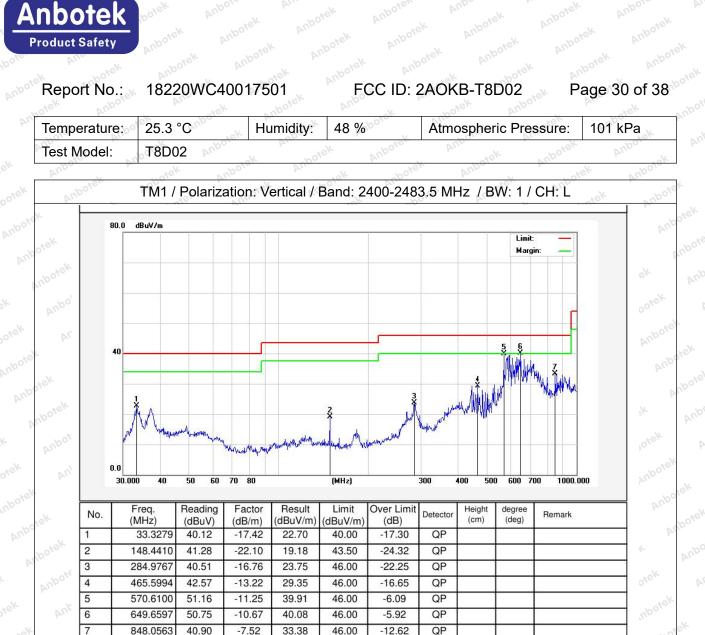
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

mpe	eratur	e: 25.3	°C	Pur Hr	umidity:	48 %	Ant	Atm	ospheri	c Pre	ssure:	101 k	Pa 🔊
st M	odel:	T8D0	)2 . <sup>tok</sup>										
	anb	o" P	,nr		boten	AUPL	No	~ ~~^*	ek	Aupo,		Prin	×8
.eX	ř.		Polariza	tion: Ho	rizontal	/ Band:	2400-24	83.5 N	/Hz⊳/ B	W: 1	/ CH: L	Aupo,	
1	P	10.		10 <sup>1</sup>	- 00010	·			~0 <sup>1</sup> 0				.ex
100'	8	0.0 dBuV/m											-05
										Limit: Marg	8		0~
24		-								mary			Ina
													her.
											Г		
16							2						×
	4	40								3			
<sup>70</sup>										× AS	4 5 6 X X		,010
			-				/			had M	MANA		Ĺ
VU,							J.	Manutuple	W. NY MA	. <b>.</b> .			Ant
		rA.					1	Alm.	de side la	2 			
		July 15 minutes	hundrender		H. Provinter de	a la caraci	have						
				many provide and	And a second second	unantheterelarit-sine							
Y-	0	.0 30.000 40	50 60	70 80		(MHz)		300	400 500	600 7	00 1000.0	100	6
		50.000 40	50 00	70 00		(MIIZ)		500	400 500	000 7	00 1000.0	,00	Ι.
o <sup>xe</sup>	No.	Freq.	Reading	Factor	Result	Limit	Over Limit	Detector	Height (cm)	degree (deg)	Remark		ove
nt	1	(MHz) 282.9852	(dBuV) 54.66	(dB/m) -18.64	(dBuV/m) 36.02	(dBuV/m) 46.00	(dB) -9.98	QP	(cm)	(deg)			-
	2	578.6699	47.57	-11.06	36.51	46.00	-9.49	QP					,00
	3	687.1507	50.52	-10.11	40.41	46.00	-5.59	QP					
ł	4	716.6820	45.07	-9.69	35.38	46.00	-10.62	QP					
	5	793.3960	43.70	-8.38	35.32	46.00	-10.68	QP					t
~ g	6	890.7278	41.78	-6.46	35.32	46.00	-10.68	QP	<b>⊢</b> − †		-		

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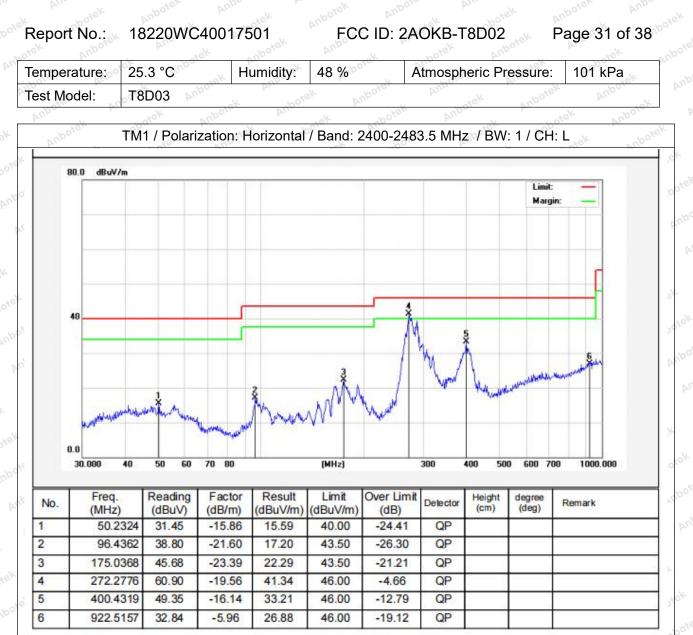
Note:Only record the worst data in the report.

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Page 32 of 38 25.3 °C Temperature: Humidity: 48 % Atmospheric Pressure: 101 kPa Test Model: T8D03 TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 1 / CH: L 80.0 dBuV/m Linit Margin 40 0.0 300 30.000 40 50 60 70 80 (MHz) 400 500 600 700 1000.000 Result Limit Over Limit Reading Factor Freq. Height degree No. Detector Remark (dB/m) (MHz) (dBuV) (dBuV/m) (dBuV/m) (dB) (cm) (deg) QP 41.7129 37.07 -14.73 22.34 40.00 -17.66 1 127.6645 -26.27 QP 2 38.34 -21.11 17.23 43.50 -21.36 3 165.4866 44.03 22.67 43.50 -20.83 QP 4 278.0668 53.13 -16.99 36.14 46.00 -9.86 QP 5 404,6665 43.18 -14.3728.81 46.00 -17.19QP 6 935.5463 32.56 -5.81 26.75 46.00 -19.25QP

Note:Only record the worst data in the report.

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

Test Requirement:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).									
Anbotek Anbot otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)							
, wotek	0.009-0.490	2400/F(kHz)	300 000							
aboten Anbe	0.490-1.705	24000/F(kHz)	30 otek							
atek unboter	1.705-30.0	30° All atek mbo	30							
Anbo	30-88	100 **	3 lek unbore							
aboten Anbe	88-216	150 **	1°3							
Ar. stek unbote	216-960	200 **	3 boten And							
Anbo	Above 960	500 poter Andre	3 tek onb							
Test Limit: Anborek horek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	<ul> <li>** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except 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.</li> </ul>									
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anbore							
Procedure:	ANSI C63.10-2020 section	6.6.4 ek hotek Ant								
ATT NOTET	And	apor An	voter And							

# 10.1. EUT Operation

Operating Envir	onment:	nbotek	Anbo	k bri	botek	Anboter	Ans	stek M
hotek Anboten	1: TX mode(BLE	: 1M): Kee	p the EUT	works in	i continuc	ously trans	mitting m	ode (BLE
Test mode:	1M) 2: TX mode(BLE	: 2M): Kee	p the EUT	works in	continuo	ously trans	mitting m	ode (BLE
Ann	2M)	- K	otek p	nbore.	Ann	dek.	nbotek	Anbo

#### Shenzhen Anbotek Compliance Laboratory Limited

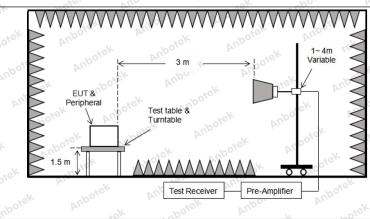
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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#### 10.2. Test Setup



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#### Report No.: 18220WC40017501

FCC ID: 2AOKB-T8D02

#### 10.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
20V	Y. As	0. P.		60b	ek bo.

		-	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	28.88	15.27	44.15	74.00	-29.85	Vertical
7206.00	28.87	18.09	46.96	74.00	-27.04	Vertical
9608.00	29.87	23.76	53.63	74.00	-20.37	Vertical
12010.00	Anbote * Ar	n sek	hotek Anb	74.00	otek Anboti	Vertical
14412.00	Anbo*ek	Anbo	hotek A	74.00	atek ant	Vertical
4804.00	28.51	15.27	43.78	74.00	-30.22	Horizontal
7206.00	29.55	18.09	47.64	74.00	-26.36	Horizontal
9608.00	28.29	23.76	52.05	74.00	-21.95	Horizontal
12010.00	potek * Anbo	ak ho	rek Anbore.	74.00	t nbotek	Horizontal
14412.00	botek* An	pore Ant	otek anbo	74.00	at soote	Horizontal

#### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.15	15.27	32.42	54.00	-21.58	Vertical
7206.00	17.92	18.09	36.01	54.00	-17.99	Vertical
9608.00	19.34	23.76	43.10	54.00	-10.90	Vertical
12010.00	woter.	Anboten An	erek an	54.00 × 54	-k ve	Vertical *
14412.00	And *	nbotek	Anbo. A.	54.00	bote. Ans	Vertical
4804.00	16.84	15.27	32.11	54.00	-21.89	Horizontal
7206.00	18.58	18.09	36.67	54.00	-17.33	Horizontal
9608.00	17.80	23.76	41.56	54.00	-12.44	Horizontal
12010.00	* Har	otek Anbo.	A NOT	54.00	And	Horizontal
14412.00	hoo *	botek Ant	ote And	54.00	ek Anbo	Horizontal
		111.	10.	0~ <u>~</u>	V	10 0112

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otek Anbore	Am	anboten	And	botek	Anbors	etek v
		-	TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.43	15.42	43.85	74.00	-30.15 <sup>10</sup>	Vertical
7320.00	38.84	18.02	56.86	74.00	-17.14	Vertical
9760.00	29.37	23.80	53.17	74.00	-20.83	Vertical
12200.00	ek * nboiek	Anbo	h notek	74.00	Ann	Vertical
14640.00	*	rek Anbore	Ans	74.00	Anbo	Vertical
4880.00	28.32	15.42	43.74	74.00	-30.26	Horizontal
7320.00	35.42	18.02	53.44	74.00	-20.56	Horizontal
9760.00	28.01	23.80	51.81	100 <sup>10</sup> 74.00 An	-22.19	Horizontal
12200.00	* * tek	Anbote	Ann	74.00	Nupo. W.	Horizontal
14640.00	A.*	Anbotek	Anbo	74.00	Anbore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	17.24	15.42	32.66	54.00	-21.34	Vertical
7320.00	21.78	18.02	39.80	54.00	-14.20	Vertical
9760.00	19.19	23.80	42.99	54.00	-11.01	Vertical
12200.00	rek Anbor	All	anboten	54.00	abotek	Vertical
14640.00	Lotek * Anbot	Ano	ek sbotek	54.00	A	Vertical
4880.00	16.95	o <sup>tek</sup> 15.42	32.37	54.00	-21.63	Horizontal
7320.00	18.93	18.02	36.95	54.00	-17.05	Horizontal
9760.00	18.10	23.80	41.90	54.00	0010 - 12.10 M	Horizontal
12200.00	Antoten	And	abotek	54.00	hotek (	Horizontal
AV.		1	LINY	10 C 2 Y		

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#### Shenzhen Anbotek Compliance Laboratory Limited

14640.00

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

54.00



Horizontal

		•	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	28.56	15.58	44.14	74.00	-29.86	Vertical
7440.00	39.00	17.93	56.93	74.00	-17.07	Vertical
9920.00	30.07	23.83	53.90	74.00	-20.10	Vertical
12400.00	A* wotek	Anborer	And	74.00	Anbor	Vertical
14880.00	* And	ek nootel	Anbo	74.00	Anbote	Vertical
4960.00	28.46 MO	15.58	44.04	74.00	-29.96	Horizontal
7440.00	35.63	17.93	53.56	74.00	-20.44	Horizontal
9920.00	28.39	23.83	52.22	74.00	-21.78	Horizontal
12400.00	Anu *	hotek	Anbo, P	74.00	inbote. Ant	Horizontal
14880.00	Ar*Do.	hotek	Anbore	74.00	nbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4960.00	18.36	15.58	33.94	54.00	-20.06	Vertical
7440.00	22.05	17.93	39.98	54.00	-14.02	Vertical
9920.00	19.84	23.83	43.67	54.00	-10.33	Vertical
12400.00	k * potek	Anbo	hotek	54.00	Ann	Vertical
14880.00	* toot	anboro	Annatok	54.00	And	Vertical
4960.00	18.13	15.58 no <sup>ot</sup>	33.71	54.00 oter	-20.29	Horizonta
7440.00	19.73 M	17.93	37.66	54.00	-16.34	Horizontal

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#### Remark:

9920.00

12400.00

14880.00

- 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.

42.08

54.00

54.00

54.00

-11.92

3. Only the worst case is recorded in the report.

18.25

\*

\* .0

23.83

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Horizontal

Horizontal

Horizontal



# Report No.: 18220WC40017501 FCC ID: 2AOKB-T8D02 Page 38 of 38

# **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 ----

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