

Report No .: 18220WC40060101 FCC ID: 2A36Q-TAGRE Page 1 of 32

FCC Test Report

Applicant Boompods EU Sp. z o.o

: ul. Barbary 16 Granica 05-806 Komorów Poland Address

Product Name **BOOMTAG recharge**

: Apr. 17, 2024 **Report Date**



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. E	missions in frequency bands (abov	/e 1GHz)	Ans Lot	6K	oct ^{ok} Ash	27

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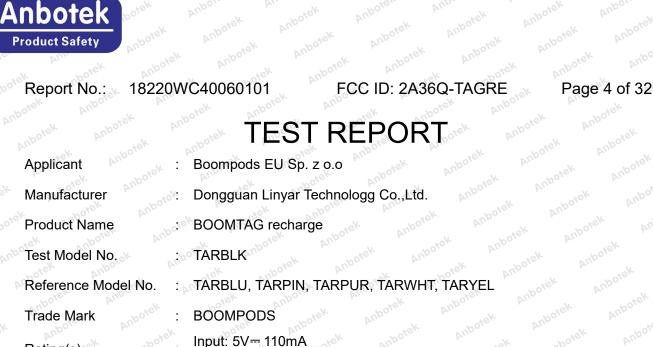


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Rating(s)

Test Standard(s)

Battery Capacity: DC 3.7V, 130mAh 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:

Prepared By:

Mar. 27, 2024

Mar. 27, 2024 to Apr. 09, 2024

Ella sian

(Ella Liang)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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Revision History

Report Ver		Description		Issued Date				
R00	abotek Ant	otek	Original Issue.	Anbotek	Anbote.	Apr. 17	, 2024	Anbote
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1. General Information

1.1. Client Information

Applicant	:	Boompods EU Sp. z o.o
Address	:	ul. Barbary 16 Granica 05-806 Komorów Poland
Manufacturer	:	Dongguan Linyar Technologg Co.,Ltd.
Address	:	The third floor, building 2, No.4 Xitou East Road, Houjie Town, Dongguan, China

1.2. Description of Device (EUT)

Product Name	:	BOOMTAG recharge
Test Model No.	:	TARBLK
Reference Model No.	:	TARBLU, TARPIN, TARPUR, TARWHT, TARYEL (Note: All samples are the same except the model number and appearance color, so we prepare "TARBLK" for test only.)
Trade Mark	:	BOOMPODS
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz; DC 3.7V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A hpotek Anbolek Anbolek Anbolek Anbolek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 upotek Anbore And Anborek Anborek Anborek Anborek Motorek
Modulation Type	:	GFSK And
Antenna Type	:	FPC Antenna
Antenna Gain(Peak)	:	0.55dBi Andrek Andrek Andrek Andrek
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

. User's Manual.

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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
pri sek aboter	And	Anbor An ek	aboten Anb

1.4. Description of Test Modes

Pretest Modes	Descriptions
nbotek AnTM1 Antopot	Keep the EUT works in continuously transmitting mode (BLE 1M)
TM2	Keep the EUT works in continuously transmitting mode (BLE 2M)

1.5. Measurement Uncertainty

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

level using a coverage factor of k=2.

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1.6. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Annobotek / Anboter	AntPotek
Conducted Emission at AC power line	Mode1,2	P
Occupied Bandwidth	Mode1,2	PAR
Maximum Conducted Output Power	Mode1,2	P.,
Power Spectral Density	Mode1,2	Pek
Emissions in non-restricted frequency bands	Mode1,2	Anbo P
Band edge emissions (Radiated)	Mode1,2	P
Emissions in frequency bands (below 1GHz)	Mode1,2	PAND
Emissions in frequency bands (above 1GHz)	Mode1,2	PAR
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek A	Anbotek

Anbote

Ank

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Anbo

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



Anbo

Anbotek



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1.7. 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.

1.8. 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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1.9. Test Equipment List

Conducted Emission at AC power line

~00	·	Pole Pur	~ C	100	No. 14	1-0 ⁴⁰
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
к 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3 of	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Arootek	Anbor
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
100	N NOT	P.C.	464 ND		-K 50	Pu

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

Emis	sions in non-restricte	d frequency bands	, ek	boro	Ann	- wotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 _{Ant}	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/Aphbo	2023-10-16	2024-10-15
_e 2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
oo' 3 '	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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1	Emissions in frequency bands (a	above 1GHz)
	Band edge emissions (Radiated	Anbe

Band	edge emissions (Ra	diated)	A. Sotek	Anbore.	Ans	abotek
ltem	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	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
n ^{boten} 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Ano	Anbotek
4000 5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
^{رولا} 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Anbr

Emissions in frequency bands (below 1GHz)

- 100	biolic in inequelley 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.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A not	ek Anbo	k Anbotek

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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
An otek unbot	of an antenna that uses a unique coupling to the intentional radiator shall be
Anbo K	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 0.55dBi. It complies with the standard requirement.

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3. Conducted Emission at AC power line

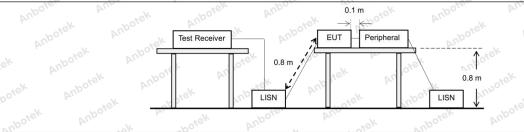
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie of exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as			
botek Anbort	Frequency of emission (MHz)	Conducted limit (dBµV)	A. sotek			
All boten	Anbo k hotek Anboic	Quasi-peak	Average			
Anbor An	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 tek prote And	56 botek M	46			
	5-30	60	50 ten And			
	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anbote.	And			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un					
3.1. EUT Operation	Anbotek Anbone And	stek Anbotek Anbo	otek Anbotek			

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



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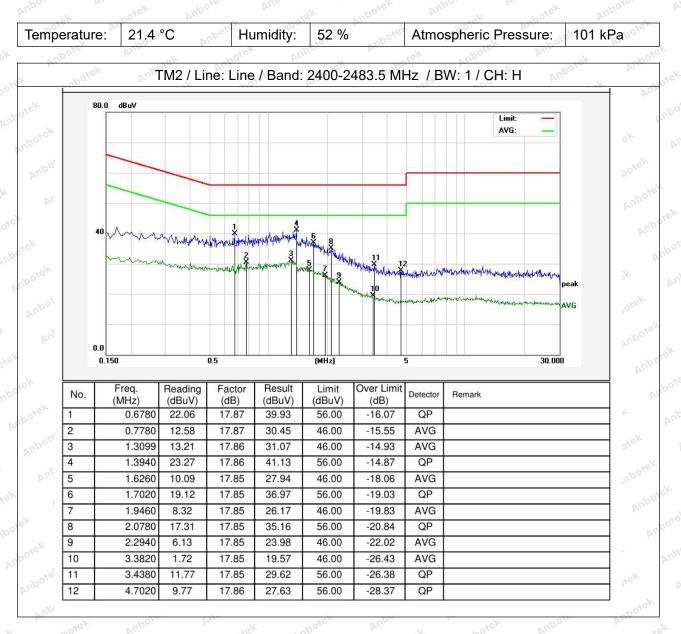
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3.3. Test Data

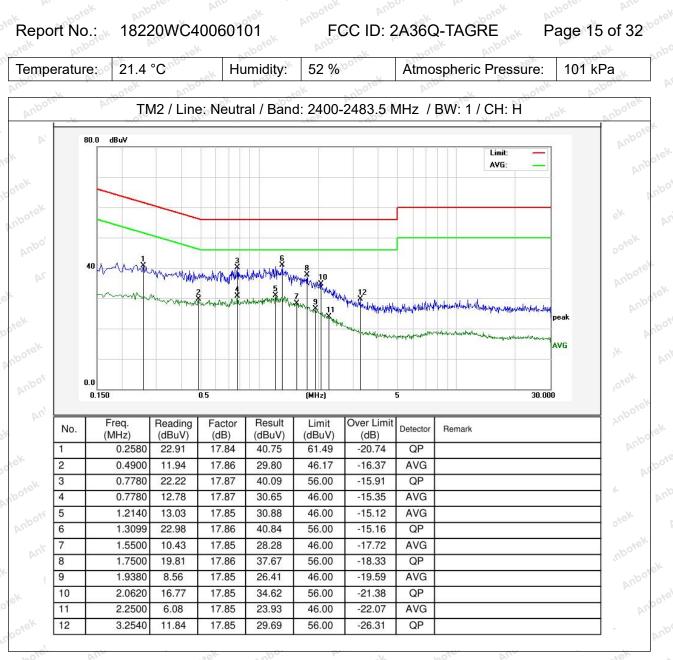


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Note:Only record the worst data in the report.

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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	 11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
Anbotek Anbotek	 b) Set the VBW ≥ [3 × RBW]. c) Detector = peak. d) Trace mode = max-hold.
obotek Anbotek	e) Sweep = No faster than coupled (auto) time.f) Allow the trace to stabilize.g) Measure the maximum width of the emission by placing two markers, one
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 Anbo	11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be
Anbotek Anbotek	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

Operating Envir	onment: Anbore	PUP -0	rek anb	otek Ant	ov.	h. abotek	Anbore	
Test mode:	1: TX mode(BL 1M) 2: TX mode(BL 2M)	otek an	pote P		abotek	Aupo	v	Not

4.2. Test Setup

4.3. Test Dat	a bokek	Anbotel	Anbox	otek Anboth	anboren Anbo	rek Anbote
emperature:	25.3 °C	Pup	Humidity:	48 %	Atmospheric Pressure:	101 kPa

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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	h. hotek	Anbore		tek nor
tek Anbotek	1: TX mode(BLE 1M)	1M): Keep	o the EUT v	vorks in con	tinuously tr	ansmitting r	node (BLE
Test mode:	2: TX mode(BLE 2M)	: 2M): Keep	o the EUT v	vorks in con	itinuously tr	ansmitting r	node (BLE
5.2. Test Set	uptek Anboter	Anbu	.tek	nbotek	Anbore	All hotek	Anboren

5.2. Test Setup

EUT	Spectrum Analyzer

5.3. Test Data

Temperature:	25.3 °C	And	lumidity:	48 %	Atmospheric Pressure	e: 101 kPa
00-	10.	200	N.	N. John	No. VUL	Let 19

Please Refer to Appendix for Details.

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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

	Operating Envir	onment:	Anbote	Ann	Nex	anbotek	Anbo	N.	botek
þ.	Test mode:	1: TX mode(BLE 1M) 2: TX mode(BLE	Alle			Anbe	6	Lotek	Anboit
	Anb	2. TA mode(BLE 2M)	zivi). Keep		AURSI	rcontinuousiy	y u ansin	Anbore Child	

6.2. Test Setup

		EUT		Spectrum Ana	alyzer	
nburget	Anbotek	Ann	abotek	Anbo.	A".	

6.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmosph	eric Pressure:	101 kPa	Þ.,

Please Refer to Appendix for Details.

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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 Test 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 ¹⁶ . AN	abotek	Anbotek	Anbo	Anbotek

7.2. Test Setup

EUT	 Spectru	m Analyzer		
b	LO ^{ter}	Anb-	¥ .	

7.3. Test Data

Temperature:	25.3 °C	AUDO	Humidity:	48 % M ^{bone}	Atmospheric Pressure:	101 kPa
OUP	10.	~V00.	1×.	V	e. Vur	ak abo

Please Refer to Appendix for Details.

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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
K Anbotek Anbor	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
ok hotek	0.009-0.490	2400/F(kHz)	300 Mbore
nboten And	0.490-1.705	24000/F(kHz)	30
wotek Anbore	1.705-30.0	30 ^{°°}	30 An
Anbo	30-88	100 **	3rek Anbore
anboten Ano	88-216	150 **	3
A. anbote	216-960	200 **	3 bote And
Test Limit:	Above 960	500 Miles Andre	3 otek onb
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbotek Anbotek Anbotek	frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a	ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emise of on measurements employing	470-806 MHz. aed under other band edges. measurements uency bands 9– sion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anboten
101	10.	WV' P	10 Miles

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

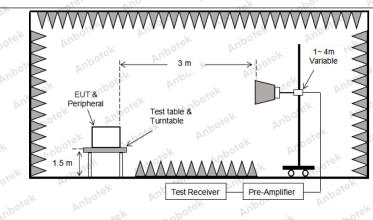
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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8.2. Test Setup



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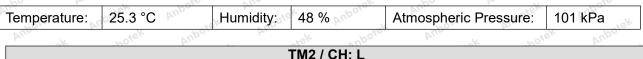


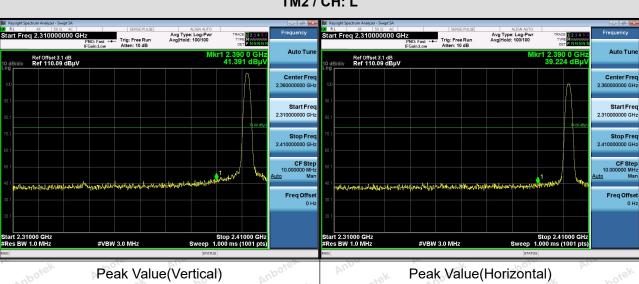


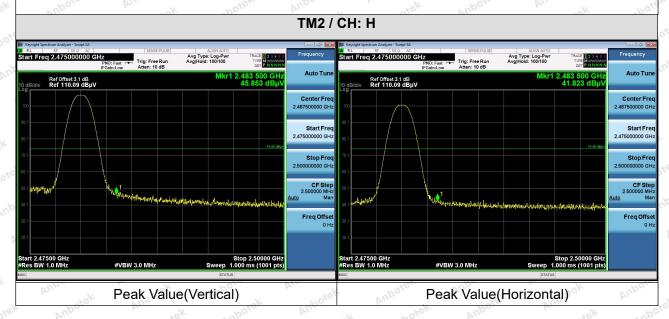
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8.3. Test Data







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 in § 15.205(a), must also comp cified in § 15.209(a)(see § 15.2	ly with the woo
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
k hotek	0.009-0.490	2400/F(kHz)	300 Linbord
nboten And	0.490-1.705	24000/F(kHz)	30 Josef
and tek Anbore.	1.705-30.0	30° http://www.atek	30
Anbo	30-88	100 **	3tek Anbore
Anboten And	88-216	150 **	3
A. Anbote	216-960	200 **	3 boten Ant
Test Limit:	Above 960	500 Andrew Andrew	3 notek Anb
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbotek tek Anbotek Anbotek	intentional radiators operati frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emis ed on measurements employing	e located in the 470-806 MHz. ed under other and edges. measurements uency bands 9– sion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anbote.
Procedure:	ANSI C63.10-2020 section	6.6.4 tek nbotek Ant	or An hotek

9.1. EUT Operation

Operating Envir	onment:	Anbotek	Anbo	k pri	botek	Anboter	Ann	stek N
hotek Anboten	1: TX mode(BLE	E 1M): Kee	p the EUT	works in	continuc	ously trans	mitting m	ode (BLE
Test mode:	1M) 2: TX mode(BLE	E 2M): Kee	p the EUT	works in	continuo	ously trans	mitting m	ode (BLE
And	2M)	. pri	hotek p	nboter	AUP	dek.	nbotek	Anbor

Shenzhen Anbotek Compliance Laboratory Limited

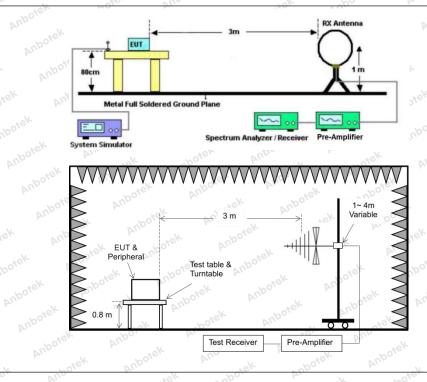
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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9.2. Test Setup



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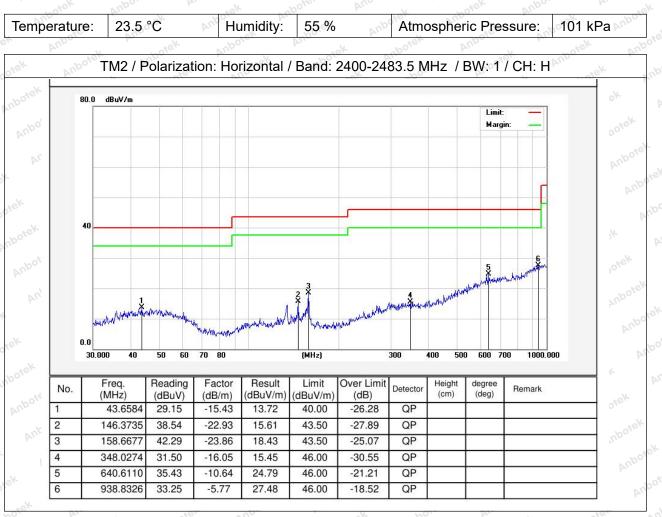




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9.3. Test Data

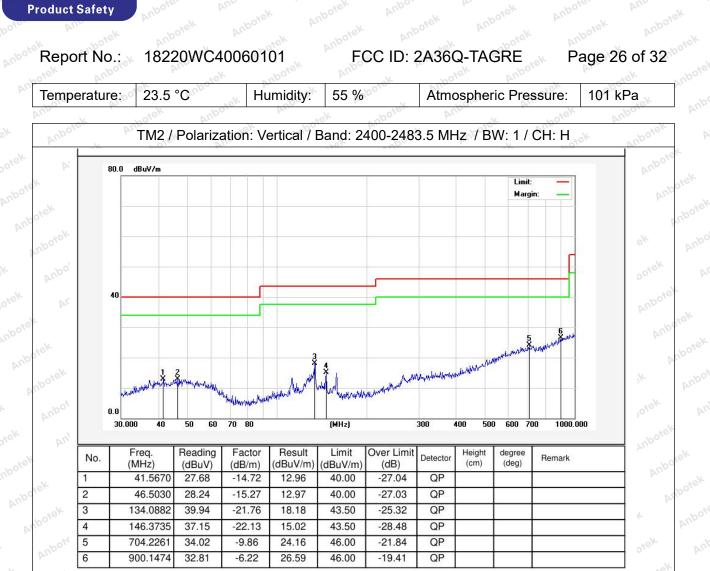
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note:Only record the worst data in the report.

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10. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $\overline{b}(c)$.	
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
b hotek	0.009-0.490	2400/F(kHz)	300 000
nborer Ant	0.490-1.705	24000/F(kHz)	30
sotek Anbore	1.705-30.0	30 100 100 100 100 100 100 100 100 100 1	30 And
And k hotek	30-88	100 **	3rek Anbore
Anbote. Ant	88-216	150 **	3
s sotek Anbor	216-960	200 **	3 bote And
Another	Above 960	500 Anboten Anbo	3 potek pribr
Test Limit: Anborek	intentional radiators operati frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissi ing under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emise of on measurements employing	e located in the 470-806 MHz. ed under other band edges. measurements uency bands 9– sion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		ek Anboic
Procedure:	ANSI C63.10-2020 section	6.6.4 Ant	por Arr

10.1. EUT Operation

Operating Envir	onment:	Anbotek	Anbo	k pri	botek	Anboter	Ann	stek N
hotek Anboten	1: TX mode(BLE	E 1M): Kee	p the EUT	works in	continuc	ously trans	mitting m	ode (BLE
Test mode:	1M) 2: TX mode(BLE	E 2M): Kee	p the EUT	works in	continuo	ously trans	mitting m	ode (BLE
And	2M)	. pri	hotek p	nboter	AUP	dek.	nbotek	Anbor

Shenzhen Anbotek Compliance Laboratory Limited

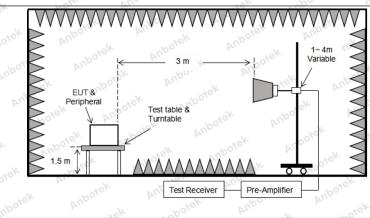
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.2. Test Setup



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10.3. Test Data

TU.S. Test Data					
Temperature: 25	3°C And	Humidity:	48 %	Atmospheric Pressure:	101 kPa
NUP	well abo	No.		AUD.	ek bot

	TM2 / CH: L								
Peak value:									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4804.00	28.36	15.27	43.63	74.00	-30.37	Vertical			
7206.00	28.44	18.09	46.53	74.00	-27.47	Vertical			
9608.00	29.26	23.76	53.02	74.00	-20.98	Vertical			
12010.00	Anbote * Ar	the stek	hotek Anb	74.00	otek Anbott	Vertical			
14412.00	Anbo*ek	Anbo	-botek P	74.00	atek ant	Vertical			
4804.00	28.04	15.27	43.31	74.00	-30.69	Horizontal			
7206.00	28.93	18.09	47.02	74.00	-26.98	Horizontal			
9608.00	28.07	23.76	51.83	74.00	-22.17	Horizontal			
12010.00	potek * Anbo	at ho	rek Anbote.	74.00	L nbotek	Horizontal			
14412.00	botek* An	pore Arr	atek anbo	74.00	et pote	Horizontal			

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	16.63	15.27	31.90	54.00	-22.10	Vertical
7206.00	17.49 ¹⁰⁰	18.09	35.58	54.00	-18.42	Vertical
9608.00	18.73	23.76	42.49	54.00	-11.51 or	Vertical
12010.00	notet	Anboten An	sek of	o ^{vek} 54.00 M ^{bc}	-k vi	Vertical o
14412.00	And *	abotek	Anbolinek	54.00	bote. And	Vertical
4804.00	16.37	15.27	31.64	54.00	-22.36	Horizontal
7206.00	17.96	18.09	36.05	54.00	-17.95	Horizontal
9608.00	17.58,001	23.76	41.34	54.00	-12.66	Horizontal
12010.00	stek *	otek Anbo.	ak hot	54.00	Ann	Horizontal
14412.00	nbo * pr	botek Ant	ote Ans	54.00	ek Aupo	Horizontal
		100 m	19.	9 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	N	No Dun

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		•	TM2 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	27.91	15.42	43.33	74.00	-30.67	Vertical
7320.00	28.41	18.02	46.43	74.00	-27.57	Vertical
9760.00	28.76	23.80	52.56	74.00	-21.44	Vertical
12200.00	ek * nbotel	Anbo	h hotek	74.00	Ann	Vertical
14640.00	*	rek Anbore	And	74.00	Anbo	Vertical
4880.00	27.85	15.42	43.27	74.00	-30.73	Horizontal
7320.00	28.80	18.02	46.82	74.00	-27.18	Horizontal
9760.00	27.79	23.80	51.59	74.00	-22.41	Horizontal
12200.00	* * votek	Anbote	And	74.00	Inpo. N.	Horizontal
14640.00	Art otek	Anbotek	Anbor	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	16.72	15.42	32.14	54.00	-21.86	Vertical
7320.00	17.35	18.02	35.37	54.00	-18.63	Vertical
9760.00	18.58	23.80	42.38	54.00	-11.62	Vertical
12200.00	tek Anbor	All	anboten	54.00	abotek	Vertical
14640.00	otek * Anbot	Ano	ek obotek	54.00	A. hotek	Vertical
4880.00	16.48	o ^{10^K} 15.42	31.90	54.00	-22.10	Horizontal
7320.00	18.31	18.02	36.33	54.00	-17.67	Horizontal
9760.00	17.88	23.80	41.68	54.00	0010-12.32 MD	Horizontal
12200.00	Antoren	And	abotek	54.00	hotek D	Horizontal
12N AV		1 - C -	EN [®]	1000	~~~	

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14640.00

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54.00



Horizontal

Anbotek Product Safety

		•	TM2 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.04	15.58	43.62	74.00	-30.38 m ^{ol}	Vertical
7440.00	28.57	17.93	46.50	74.00	-27.50	Vertical
9920.00	29.46	23.83	53.29	74.00	-20.71	Vertical
12400.00	* wotek	Anboter	And	74.00	Anbor	Vertical
14880.00	* And	rek nbote	Anbor	74.00	Anbore	Vertical
4960.00	27.99 M	15.58	43.57	74.00	-30.43	Horizontal
7440.00	29.01	17.93	46.94	74.00	-27.06	Horizontal
9920.00	28.17	23.83	52.00	74.00	-22.00	Horizontal
12400.00	And *	abotek	Anboi	74.00	Inboten Ant	Horizontal
14880.00	AIX OC.	h. hotek	Anbore	74.00	Anboiek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	17.84	15.58	33.42	54.00	-20.58	Vertical
7440.00	18.62	17.93	36.55	54.00	-17.45 M	Vertical
9920.00	19.23	23.83	43.06	54.00	-10.94	No Vertical
12400.00	* * nbotek	Anbo	hotek	54.00	And	Vertical
14880.00	* soot	ak Aupore	And	54.00	Anbo	Vertical
4960.00	17.66	15.58 no ^o	33.24	54.00	-20.76	Horizontal
7440.00	mbot 19.11 Ant	17.93	o ^{tek} 37.04 ph ^{b0}	54.00	-16.96	Horizontal
9920.00	18.03	23.83	41.86	54.00 ^{MM}	-12.14	Horizontal

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Remark:

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.

54.00

54.00

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

* .0

*

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Horizontal

Horizontal



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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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