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FCC Test Report

Applicant : Boompods EU Sp. z o.o

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

Product Name : Noise Canceling True Wireless Earbuds

Report Date : Apr. 11, 2024

Shenzhen Anbotek Con Anbotek



ce Laboratory Limited







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TEST REPORT

Applicant Boompods EU Sp. z o.o

Manufacturer Dongguan Linyar Technologg Co., Ltd.

Noise Canceling True Wireless Earbuds **Product Name**

ECHOBUDS ANC Test Model No.

Reference Model No. EANCBK, EANCWT

BOOMPODS Trade Mark

Case Input: 5V-300mA

Single Earphone Input: 5V-40mA Rating(s)

Case Capacity: Lithium-ion: DC 3.7V, 300mAh

Single Earphone Capacity: Lithium-ion: DC 3.7V, 40mAh

47 CFR Part 15.247

KDB 558074 D01 15.247 Meas Guidance v05r02 Test Standard(s)

ANSI C63.10-2020

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with 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:	Mar. 19, 2024
Date of Test:	Mar. 19, 2024 to Mar. 29, 2024
	Ella Islang
Prepared By:	botek Anbotek Anbotek Anbotek
Anborek Anborek Anborek Anborek	(Ella Liang)
	Idward pan
Approved & Authorized Signer:	DOCOCOCA POR MANAGEMENT
	(Edward Pan)





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Revision History

	Report Version	Description	Issued Date
	Anborte R00 potek An	Original Issue.	Apr. 11, 2024
37	Anbotek Anbotek	Anbotek Anbotek Anbotek	k anbotek Anbotek Ant
10	or Alpotek Anbotek	Anbotek Anbotek Anbot	tiek Anbotek Anbotes





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1. General Information

1.1. Client Information

A 17 P	V-	No. No. No. No. No.
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
Factory	:	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)

ak hope A		tek vapo k Pose vu
Product Name	:	Noise Canceling True Wireless Earbuds
Test Model No.	:	ECHOBUDS ANC
Reference Model No.	i	EANCBK, EANCWT (Note: EANCBK(Echobuds ANC black color) EANCWT(Echobuds ANC white color) All samples are the same except the model number and color, so we prepare "ECHOBUDS ANC" for test only.)
Trade Mark	:	BOOMPODS
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 nbotek Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40° Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK Anborek Anborek Anborek Anborek
Antenna Type	:	Ceramic Antenna
Antenna Gain(Peak)	:	1.7dBinbotek Anbotek Anbotek Anbotek Anbotek Anbotek
V.C		A COL DAY

Remark:

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







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1.3. Auxiliary Equipment Used During Test

Title		Manufacturer		Model No.			Serial No.				
D.	botek /	Aupoter	Ann	Anbotek	Vupo,	A D.	botek	Anbore	1	AUG	otel

1.4. Description of Test Modes

70	Pretest Modes	Descriptions
	inbotek AnTM1	Keep the EUT works in continuously transmitting mode (BLE 1M)
	mborek TM2	Keep the EUT works in continuously transmitting mode (BLE 2M)

1.5. Measurement Uncertainty

Uncertainty
3.8dB Anbotek Anb
925Hz
0.76dB
0.76dBrek Anborek Anborek
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB
Horizontal: 3.92dB; Vertical: 4.52dB

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence

level using a coverage factor of k=2.







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1.6. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Anbotek / Anbote	Ann Potek
Conducted Emission at AC power line	Mode1,2	P
Occupied Bandwidth	Mode1,2	P P
Maximum Conducted Output Power	Mode1,2	P
Power Spectral Density	Mode1,2	nbo Pk
Emissions in non-restricted frequency bands	Mode1,2	Anb Prek
Band edge emissions (Radiated)	Mode1,2	P
Emissions in frequency bands (below 1GHz)	Mode1,2	P ^{Ant}
Emissions in frequency bands (above 1GHz)	Mode1,2	P
Note: P: Pass N: N/A pet applicable	Anbotek Anbotek A	upotek

N: N/A, not applicable





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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

- 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

Cond	ucted Emission at A	C power line				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
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	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2024-01-17	2025-01-16
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	tek /Anbotek	ek abotek

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density

Emis	sions in non-restricte	d frequency bands	-lek	2007	<i>V</i>	- Loter
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 _{An} t	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
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
An 40 te	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
5.nb	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

Hotline

www.anbotek.com.cn

400-003-0500



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ote.	And	stek rupo.	N. Ok	pote.	AUS	iek
	edge emissions (Ra sions in frequency ba		Anbore	Anboick	Aupotek	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 00	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
nboto. 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Anborek
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
re ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emis	sions in frequency ba	ands (below 1GHz)	Anbore	Andhotek	Anboiek	Anbo
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
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Antotel	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	y Aupon	k Anbotek







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2. Antenna requirement

Test Requirement:

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

2.1. Conclusion

The antenna is a Ceramic Antenna which permanently attached, and the best case gain of the antenna is 1.7dBi. It complies with the standard requirement.





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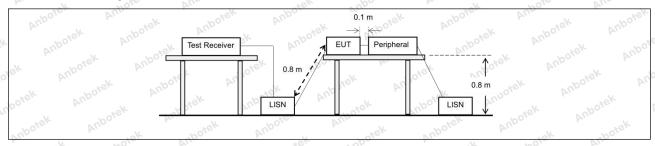
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Exce section, for an intentional radiator public utility (AC) power line, the back onto the AC power line on a band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohm (LISN).	r that is designed to be cor radio frequency voltage tha ny frequency or frequencie ot exceed the limits in the f	nnected to the at is conducted es, within the following table, as			
boick Anbor	Frequency of emission (MHz)	Conducted limit (dBµV)				
Yu. Spotek	Anbon Anbon	Quasi-peak	Average			
Aupor Air.	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5	56, botek Ar	46			
Vu. Vek Jpo	5-30 And San	60	50 And			
Aupor K Air	*Decreases with the logarithm of	the frequency.				
Test Method:	ANSI C63.10-2020 section 6.2	h. Anboies	And			
Procedure:	Refer to ANSI C63.10-2020 sectiline conducted emissions from ur					

3.1. EUT Operation

Operating Envir	onment:	Aupo,	γ _γ • γ _γ	otek	Aupole	AUR	rick	Anboiek	Anbo.
Vupo stek		de(BLE 1M): Keep th	e EUT w	orks in o	continuou	sly trans	mitting mo	de (BLE
Test mode:	1M) 2: TX mod	de(BLE 2M): Keep th	e EUT w	orks in o	continuou	sly trans	mittina ma	de (BLE
Motek Anbore	2M)	hotek	Inbote	AUD.	*ek	anbotek	Aupo		hotek

3.2. Test Setup





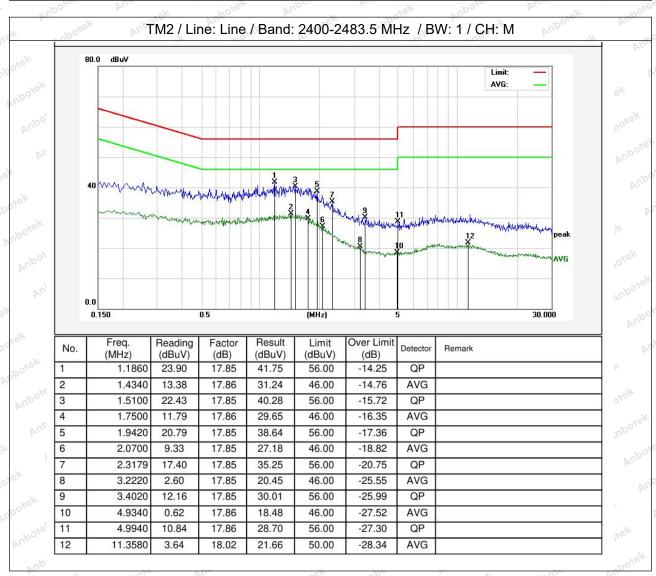
Hotline



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3.3. Test Data

Temperature: 21.4 ° C	Humidity:	52 %	Atmospheric Pressure: 101 kPa
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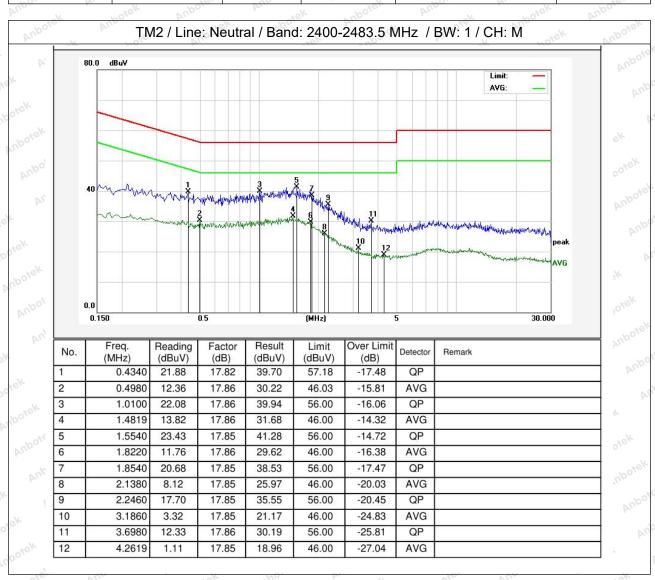






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Temperature: 21.4 ° C Humidity: 52 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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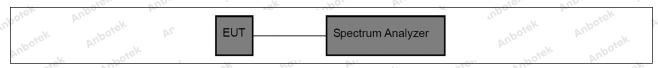
4. Occupied Bandwidth

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
nbotek 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. b) Set the VBW ≥ [3 × RBW].
Anbotek Anb	c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time.
potek Anbotek	f) Allow the trace to stabilize. 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
Procedure:	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.
ek 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 ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function.
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 ≥ 6 dB.

4.1. EUT Operation

Operating Environment:		And	Anbote	Anb.	· ek	aboiek	Aupore	\.
Test mode:	1: TX mode(BL 1M) 2: TX mode(BL	otek Anbo			abotek	Aupo	V	
Anboren	2M)	nbotek Ar	.ok	hotek	Anboile	ARTON	g mede (~upot

4.2. Test Setup



4.3. Test Data

Temperature:	24.3 °C	Ang Hi	umidity:	49 %	Anbo	Atmosphe	eric Press	ure:	101 kPa	

Please Refer to Appendix for Details.









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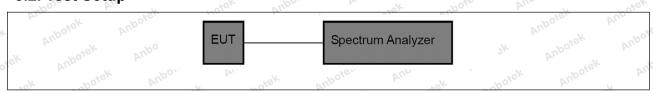
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Anbotek	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 Envi	ronment:	Ar. abotek	Anbote	Aug	Anbotek	Aupo,	
Test mode:	1M)	Anbo	- NO	works in cont	bru.	ek anbo	ien. Vi

5.2. Test Setup



5.3. Test Data

Temperature: 24.3 °C	Humidity: 49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





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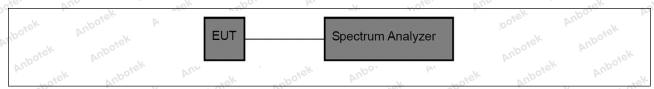
6. Power Spectral Density

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	ronment:	Anbotek	Aupo	nbotek	Aupore	Air. hotek
Test mode:	1: TX mode(BLE 1M) 2: TX mode(BLE 2M)	, All.			ok not	ek Anbore

6.2. Test Setup



6.3. Test Data

Temperature:	24.3 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
16. I 105		NO	DAY.	740.	1.

Please Refer to Appendix for Details.



Hotline



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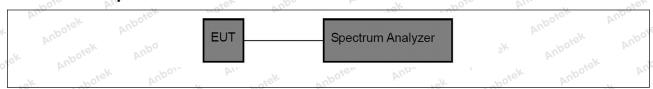
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anbotek Anbotek Anbotek Anbotek Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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	ronment:	p spotek	Aupoto	Vunn Vunn	k Anbore	k Vupo.	*ek *po
Test mode:	1M) 2001°	e(BLE 1M): K e(BLE 2M): K	. W.		Jose Ame	*e/	Spojek, Ar

7.2. Test Setup



7.3. Test Data

Temperature:	24.3 °C	Humidity: 49	% Atmosp	heric Pressure: 10	1 kPa

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 Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
O. Pr. Otek	0.009-0.490	2400/F(kHz)	300 Mboto
botek Anbo	0.490-1.705	24000/F(kHz)	30
All aboten	1.705-30.0	30	30
Anbo, Air	30-88	100 **	3,ek nbore
sbotek Anbo	88-216	150 **	3
Arm rek abore	216-960	200 **	3 poter And
Anbor	Above 960	500	3 rek and
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	frequency bands 54-72 MH However, operation within to sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-page 110–490 kHz and a section with the section of the emission limits of the emission limits shown employing a CISPR quasi-page 110–490 kHz and a section of the emission limits of the emission limits shown employing a CISPR quasi-page 110–490 kHz and a section of the emission of the emission limits of the emission of the emissio	ing under this section shall not be 2, 76-88 MHz, 174-216 MHz or othese frequency bands is permitt § 15.231 and 15.241. In the tighter limit applies at the being the above table are based on beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. red under other pand edges. measurements uency bands 9– ssion limits in
hotek Pupo	Pir	The poster August	· · · · · · · · · · · · · · · · · · ·
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anbo
Procedure:	ANSI C63.10-2020 section	6.10.5.2	or Arr.

8.1. EUT Operation

Operating Envir	onment:	Aupoier	Anbe	b ^c	otek Ant	ore Am	riek an
Test mode:	1: TX mode(BLE 1M)	And			upo,	arek -	Vupote.
Anbore HIOUE. Anbo	2: TX mode(BLE 2M)	2M): Keep	the EUT v	vorks in co	ontinuously	transmitting	mode (BLE

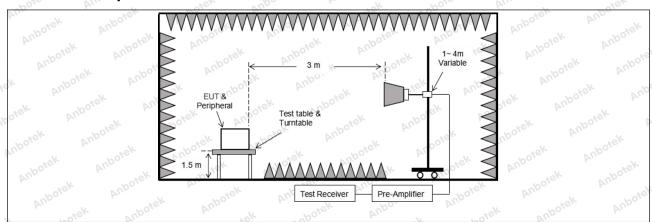


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8.2. Test Setup



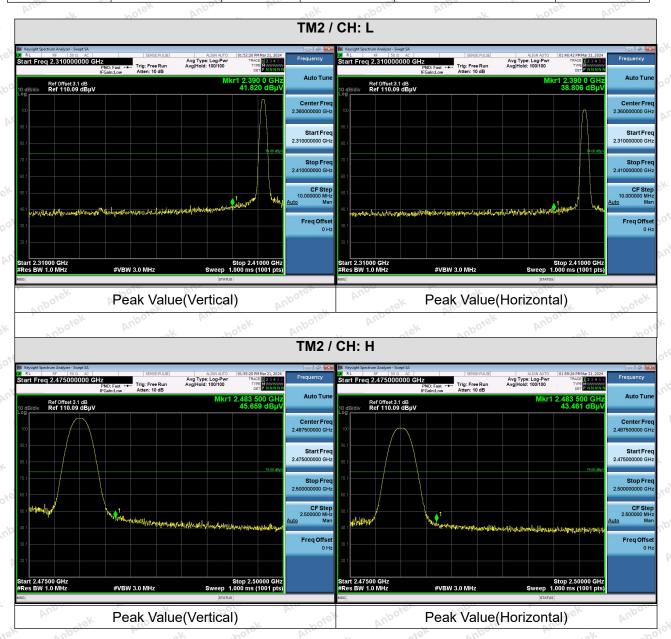




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8.3. Test Data

Temperature: 24.3 °C Humidity: 49 % Atmospheric Pressure: 101 kPa



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 defin radiated emission limits s	pecified in § 15.209(a)(see § 15	
ek Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 Mport
ofer Ande	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30° Ack	30
	30-88	100 **	3 ok noon
anboren Anbe	88-216	150 **	AT 3
	216-960	200 **	3 pore An
	Above 960	500 Solek Andrew	3
Test Limit: Arbotek Ar	intentional radiators opera frequency bands 54-72 M	paragraph (g), fundamental emis ating under this section shall not IHz, 76-88 MHz, 174-216 MHz o	be located in the or 470-806 MHz.
Test Limit; otek Anbotek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table abo The emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table about the emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and these three bands are bar	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm §§ 15.231 and 15.241. IVE, the tighter limit applies at the in the above table are based of i-peak detector except for the fred above 1000 MHz. Radiated emsed on measurements employing in 6.6.4	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in

9.1. EUT Operation

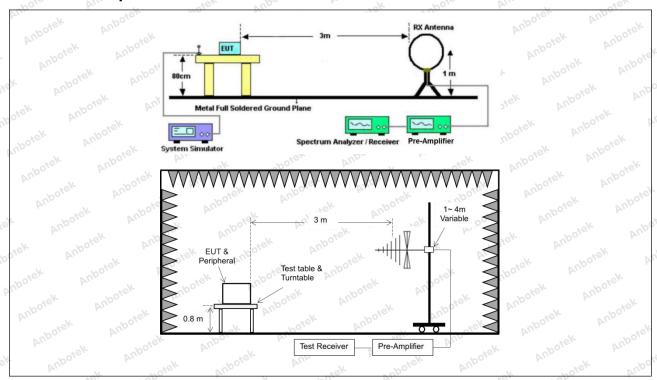
oie	Operating Envir	onment:	Anbotek	Anbe	F	notek A	upore Ar	siek vi
o'n,	Test mode:	1: TX mode(BLE 1M)	1M): Keep	the EUT v	works in	continuousl	y transmitting	mode (BLE
9	inbounde.	2: TX mode(BLE 2M)	2M): Keep	the EUT v	works in	continuousl	y transmitting	mode (BLE





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9.2. Test Setup





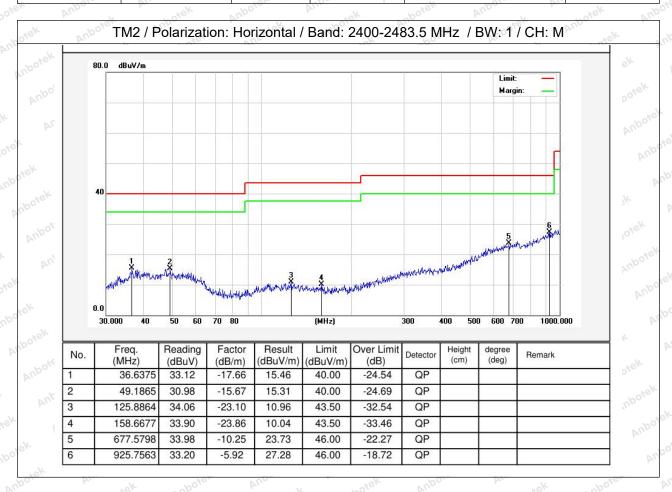


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9.3. Test Data

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

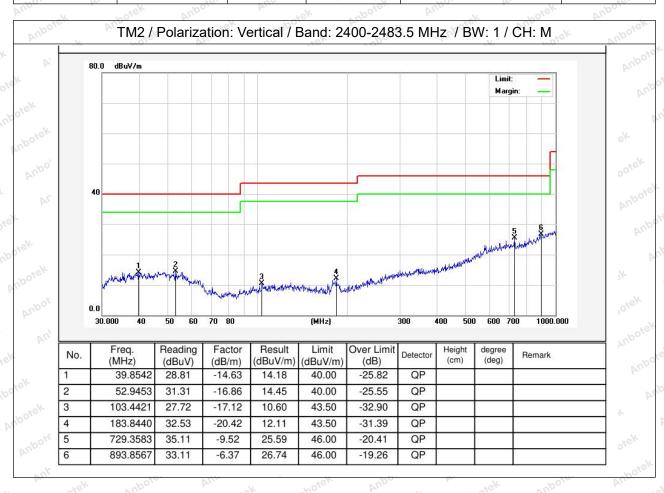
Temperature:	23.5 °C	DUP	Humidity:	55%	Atmo	spheric Pres	ssure:	101 kPa



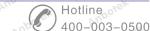


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Temperature: 23.5 °C Humidity: 55 % Atmospheric Pressure: 101 kPa



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 ba omply with the radiated emission 5(c)).`	
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
aborek Ando	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30° kek	30
	30-88	100 **	3,ek nbore
	88-216	150 **	3
	216-960	200 **	3 boier And
	Above 960	500 horek Ambo	3 364 01
	intentional radiators operat frequency bands 54-72 MH However, operation within the 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	aragraph (g), fundamental emissing under this section shall not be lz, 76-88 MHz, 174-216 MHz or these frequency bands is permitted in the tighter limit applies at the bein the above table are based on peak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	e located in the 470-806 MHz. ted under other band edges. measurements uency bands 9—ssion limits in
pore, but	ANSI C63.10-2020 section	6 6 A A A A A A A A A A A A A A A A A A	ok hotek
Test Method:	KDB 558074 D01 15.247 N	· Uh	Ans botek
Procedure:	ANSI C63.10-2020 section	6.6.4	DO. 71.

10.1. EUT Operation

Operating Envir	onment:	Aupoier	Anbe	b ^c	otek Ant	ore Am	riek an
Test mode:	1: TX mode(BLE 1M)	And			upo,	arek -	Vupote.
Anbore HIOUE. Anbo	2: TX mode(BLE 2M)	2M): Keep	the EUT v	vorks in co	ontinuously	transmitting	mode (BLE

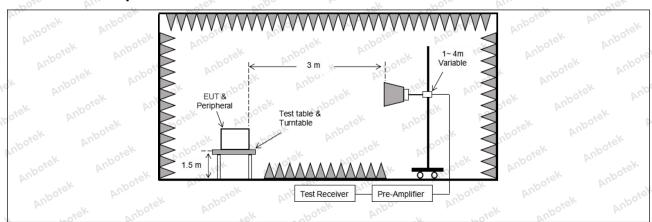


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10.2. Test Setup







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10.3. Test Data

b	///	100	100	1,010	VII.	- 20	
1	Temperature:	24 3 °C	Humidity: 8	49 %	Atmospheric Pressure:	101 kPa	
ı	Tomporataro.	- 1.0 O		10 70	, tarresprioris i recearc.	101111	20.

Vu.	hotek Anb		atek anbott	Ans.	k hotek	Anbo.
			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	28.44	15.27	43.71	74.00	-30.29	Vertical
7206.00	28.51	18.09	46.60	74.00	-27.40	Vertical
9608.00	29.35	23.76	53.11	74.00	-20.89	Vertical
12010.00	Aupote, * V	iek .	Spotek Anb	74.00	otek Anbote	Vertical
14412.00	VUPO*SK	Aupo	Polek b	74.00	otek onk	Vertical
4804.00	28.11	15.27	43.38	74.00	-30.62	Horizontal
7206.00	29.02	18.09	47.11	74.00	-26.89	Horizontal
9608.00	28.11	23.76	51.87	74.00	-22.13	Horizontal
12010.00	otek * Anbo	V. 20	lek Aupote	74.00	· nbotek	Horizontal
14412.00	hotek* Ar	DOJE, VILL	dek ab	74.00	or hore	Horizontal
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	polarization
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	•
4804.00	16.71	15.27	31.98	54.00	-22.02	Vertical
7206.00	17.56	18.09	35.65	54.00	-18.35	Vertical
9608.00	18.82	23.76	42.58	54.00	-11.42	Vertical
12010.00	* Nbotok	Vupo, VK	Motek Pt	54.00	arek nipe	Vertical
14412.00	Al" * tek	Aupoje.	Yur.	54.00	100, N.	Vertical
4804.00	16.44	15.27	31.71	54.00	-22.29	Horizontal
7206.00	18.05	18.09	36.14	54.00	-17.86	Horizontal
9608.00	17.62	23.76	41.38	54.00	-12.62	Horizontal
12010.00	dek *	otek Anbo.	L. Not	54.00	Vu.,	Horizontal
14412.00	4 ×	sotek ant	or And	54.00	er Anbo	Horizontal



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			ГМ2 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	27.99	15.42	43.41	74.00	-30.59	Vertical
7320.00	28.48	18.02	46.50	74.00	-27.50	Vertical
9760.00	28.85	23.80	52.65	74.00	-21.35	Vertical
12200.00	ek * spotek	Aupor	h worek	74.00	Ans	Vertical
14640.00	*	lek Wupose	Pun de	74.00	Aupo	Vertical
4880.00	27.92	15.42	43.34	74.00	-30.66	Horizontal
7320.00	28.89	18.02	46.91	74.00	-27.09	Horizontal
9760.00	27.83	23.80	51.63	74.00	-22.37	Horizontal
12200.00	*otek	Vupoje.	Aug	74.00	YUPOT PET	Horizontal
14640.00	Art rek	anbotek	Aupo	74.00	Aupoter	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	16.80	15.42	32.22	54.00	-21.78	Vertical
7320.00	17.42	18.02	35.44	54.00	-18.56	Vertical
9760.00	18.67	23.80	42.47	54.00	-11.53	Vertical
12200.00	k *upor	An Siek	anbotek	54.00	borek	Vertical
14640.00	otek * Anbot	And	sk spojek	54.00	bu. Poick	Vertical
4880.00	16.55	15.42	31.97	54.00	-22.03	Horizontal
7320.00	18.40	18.02	36.42	54.00	-17.58	Horizontal
9760.00	17.92	23.80	41.72	54.00	-12.28	Horizontal
12200.00	Anb*otek	Anbo	abotek	54.00	"otek "	Horizontal
14640.00	* "otek	Aupor	Ar.	54.00	VUP.	Horizontal





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en Aug	riek	"upo,	Dir.	hoter	AUD	atek .
		٦	ГМ2 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.12	15.58	43.70	74.00	-30.30	Vertical
7440.00	28.64	17.93	46.57	74.00	-27.43	Vertical
9920.00	29.55	23.83	53.38	74.00	-20.62	Vertical
12400.00	* Cotek	anbore.	And	74.00	Anbo.	Vertical
14880.00	* Vup	iek upotel	Aupo.	74.00	Anbore.	Vertical
4960.00	28.06	15.58	43.64	74.00	-30.36	Horizontal
7440.00	29.10	17.93	47.03	74.00	-26.97	Horizontal
9920.00	28.21	23.83	52.04	74.00	-21.96	Horizontal
12400.00	AUD * "SK	abotek	Aupo,	74.00	Anbores An	Horizontal
14880.00	V.Apo.	hotek	Anbores	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	17.92	15.58	33.50	54.00	-20.50	Vertical
7440.00	18.69	17.93	36.62	54.00	17.38 AND	Vertical
9920.00	19.32	23.83	43.15	54.00	-10.85	Vertical N
12400.00	k * spojek	Aupor	hotek	54.00	Aug	Vertical
14880.00	* * %01	k Auporon	Aug	54.00	Aupo	Vertical
4960.00	17.73	15.58	33.31	54.00	-20.69	Horizontal
7440.00	19.20	17.93	37.13 Ando	54.00	-16.87	Horizontal
9920.00	18.07	23.83	41.90	54.00 And	-12.10	Horizontal
12400.00	* tek	Anbores	Vur.	54.00	100. V.	Horizontal
14880.00	An*	anbotek	Aupo,	54.00	Anboie A	Horizontal

Remark:

- 1. Result =Reading + Factor
- "*" 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.







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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 -----

