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FCC Test Report

Applicant Boompods EU Sp. z o.o

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

Product Name BOOMCARD

: Dec. 19, 2023 **Report Date**



ce Laboratory Limited









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TEST REPORT

Applicant : Boompods EU Sp. z o.o

Manufacturer : Dongguan Linyar Technologg Co.,Ltd.

Product Name : BOOMCARD

Test Model No. : BOOMCARD

Reference Model No. : TACARD

Trade Mark : BOOMPODS

Rating(s) : Input: DC 3V, 540mAh

47 CFR Part 15.247

Test Standard(s) : 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:	Dec. 04, 2023
Ando Otek Anbotek Anbore All Joseph	Anboren Anborek Anborek Anbore
Date of Test:	Dec. 04, 2023 to Dec. 13, 2023
Anbotek Anbotek Anbotek Anbotek Anbotek	Stella Zhu
Prepared By:	Modek J Wodek
	(Stella Zhu)
	Bolward pan
Approved & Authorized Signer:	By Bull By Wall Augo, W.
All abotek And	(Edward Pan)







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Revision History

	Report Version	Description	Issued Date
	Anbore ROO nborek An	Original Issue.	Dec. 19, 2023
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1. General Information

1.1. Client Information

A (1)	V	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)

- 'K NO. N		The state of the s
Product Name	:	BOOMCARD
Test Model No.	:	BOOMCARD
Reference Model No.	:	TACARD (Note: All samples are the same except the model number and appearance color, so we prepare "BOOMCARD" for test only.)
Trade Mark	:	BOOMPODS
Test Power Supply	:	DC 3V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A stek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Anbore An botek Anborek Anborek An
Modulation Type		GFSK Anborek Anborek Anborek
Antenna Type		Ceramic Antenna
Antenna Gain(Peak)		4.3dBi*** Anborek Anborek Anborek Anborek
D = =		

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.	
	Anboren Anboren	And stek upotek	Anbo. A All botek	Anbote. And	







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1.4. Operation channel list

Operation Band:

, and	V.	~~~~~	D11.	20%		V.
Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
2402	10 bot	2422	20	2442, botte	30	2462
2404	stek 11	2424 M	21	2444	31 And	2464
2406	12	2426	22	2446	nb ⁰¹⁸ 32	2466
2408	13	2428	Anbo 23	2448	33	2468
2410	And 14 tek	2430	24	2450	34	2470
2412	15	2432	25	2452	35 botto	2472
2414 nbote	16	2434 Antoot	26 And	2454	rek 36 Ambi	2474
pote 2416 And	17	2436	27 An	2456	,bote 37	2476
2418	18	2438	28	2458	38	2478
2420	Anboto	2440	29	2460	39	2480
	Frequency (MHz) 2402 2404 2406 2408 2410 2412 2414 2416 2418	Frequency (MHz) Channel 2402 10 2404 11 2406 12 2408 13 2410 14 2412 15 2414 16 2416 17 2418 18	Frequency (MHz) Channel Frequency (MHz) 2402 10 2422 2404 11 2424 2406 12 2426 2408 13 2428 2410 14 2430 2412 15 2432 2414 16 2434 2416 17 2436 2418 18 2438	Frequency (MHz) Channel Frequency (MHz) Channel 2402 10 2422 20 2404 11 2424 21 2406 12 2426 22 2408 13 2428 23 2410 14 2430 24 2412 15 2432 25 2414 16 2434 26 2416 17 2436 27 2418 18 2438 28	Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) 2402 10 2422 20 2442 2404 11 2424 21 2444 2406 12 2426 22 2446 2408 13 2428 23 2448 2410 14 2430 24 2450 2412 15 2432 25 2452 2414 16 2434 26 2454 2416 17 2436 27 2456 2418 18 2438 28 2458	Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) Channel 2402 10 2422 20 2442 30 2404 11 2424 21 2444 31 2406 12 2426 22 2446 32 2408 13 2428 23 2448 33 2410 14 2430 24 2450 34 2412 15 2432 25 2452 35 2414 16 2434 26 2454 36 2416 17 2436 27 2456 37 2418 18 2438 28 2458 38

1.5. Description of Test Modes

Pretest Modes	Descriptions
botek AnoTM1 Anoo	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)
Anborek TM2	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Anbottek Anbottek Anbottek Anbottek
Occupied Bandwidth	925Hz Arborek Arborek Ar
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 Anbotek Anbotek
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

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

level using a coverage factor of k=2.









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1.7. Test Summary

200 VIII VIII	70°	. 010
Test Items	Test Modes	Status
Antenna requirement	Anbotek / Anbote	Ann Potek
Conducted Emission at AC power line	Anbotek / Anbotes	N
Occupied Bandwidth	Mode1,2	P P
Maximum Conducted Output Power	Mode1,2	P
Power Spectral Density	Mode1,2	rupo, br
Emissions in non-restricted frequency bands	Mode1,2	And P rek
Band edge emissions (Radiated)	Mode1,2	P P
Emissions in frequency bands (below 1GHz)	Mode1,2	P ^{Ant}
Emissions in frequency bands (above 1GHz)	Mode1,2	P An
Note: P: Pass N: N/A not applicable	Anbotek Anbotek A	upotek .

N: N/A, not applicable





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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

- The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- The test report is invalid if there is any evidence and/or falsification.
- The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
- 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.
- 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

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	2023-10-12	2024-10-11
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	tek /Anbotek	ek apotek

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density
Emissions in non-restricted frequency bands

450		- 104-1-11-11-104-111-1				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
140	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A nbo	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
An4ote	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
5,00	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

Hotline

www.anbotek.com.cn

400-003-0500



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	edge emissions (Ra sions in frequency ba		Aupo, polek	Anbotek	Aupoter.	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 00	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
nbole 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Aupolek
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
e ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emiss	sions in frequency ba	ands (below 1GHz)				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
. 2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Anistel	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 No	y Aupo	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 4.3dBi. It complies with the standard requirement.





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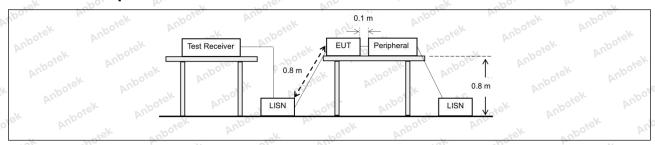
3. Conducted Emission at AC power line

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 ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms	that is designed to be con adio frequency voltage tha ny frequency or frequencie t exceed the limits in the f	nected to the at is conducted as, within the ollowing table, as
o h spoiek	(LISN).	Can duated limit (dD:\/)	Anbore
Aupore All.	Frequency of emission (MHz)	Conducted limit (dBµV)	Averego
sotek Anbo.	W. The Work William	Quasi-peak	Average
Test Limit:	0.15-0.5	66 to 56*	56 to 46*
rest Littit.	0.5-5 dek nabote Ame	56 hotel An	46
Ans above	5-30 And San	60	50 And
Anbore Air	*Decreases with the logarithm of t	he frequency.	
Test Method:	ANSI C63.10-2020 section 6.2	Anbores.	Aug Otek
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unline conducted emissions from the conducted emission		

3.1. EUT Operation

	Operating Enviror	nment:	Anbo.	Pr. Polek	Vupo _{ie} ,	And	Anborek	Aupor
160	Test mode: /	aborek	Anbore	P.II.	Anborek	Anbe	abotek	Aupo

3.2. Test Setup



3.3. Test Data

Not applicable for equipment operated with DC power supply.



Hotline

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400-003-0500



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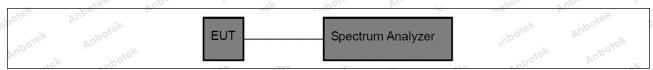
4. Occupied Bandwidth

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	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]. c) Detector = peak. d) Trace mode = max-hold. 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 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.
sek Aupotek Aupo	11.8.2 Option 2
potek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW \geq 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation 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 Enviro	onment:	VUL	orek	anbotek	Aupo.	49.	abotek	Anbore	J.
Test mode:	1: TX mode(BLI continuously tra 2: TX mode(BLI continuously tra	ansmitting E 2M): K	g mode eep the	(BLE 1M) EUT conne		abotek			nbotek nbotek

4.2. Test Setup



4.3. Test Data

Temperature:	25.4 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa









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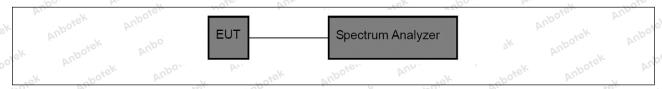
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek 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

	The second secon							
	Operating Envir	onment:	nboiek	Anbore	Vi. Potek	Anboren	Aupo	2000
1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) Test mode: Test mode:							r bi	
	Poter Vun		e(BLE 2M): Ke ly transmitting	•		power line	and works in	stek .

5.2. Test Setup



5.3. Test Data

Temperature:	25.4 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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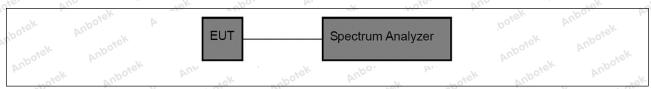
6. Power Spectral Density

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	Anbo	anbotek.	Aupore	Aug Polek
Test mode:	1: TX mode(BLE continuously trans 2: TX mode(BLE continuously trans	smitting mod 2M): Keep th	le (BLE 1M) ne EUT connec	Anbe		

6.2. Test Setup



6.3. Test Data

Temperature:	25.4 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
16, I 400	· · · · · · · · · · · · · · · · · · ·	NO	Par.	710.	





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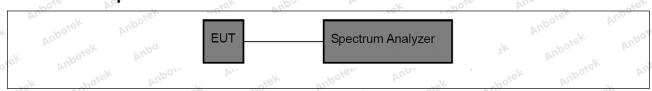
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: Anborek	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:	Annaboiek	Anbotok	Aupo	Anbotek	Auporg	Δ//·
,o,	Test mode:	continuous 2: TX mode	e(BLE 1M): Ke ly transmitting e(BLE 2M): Ke ly transmitting	mode (BLE ep the EUT	1M) connect to A	An		otek Er

7.2. Test Setup



7.3. Test Data

Temperature:	25.4 °C	Humidity: 48 %	Atmospheric Pressure:	101 kPa







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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 Mboro
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 shown employing a CISPR quasi-page 110–490 kHz and a section with the section of the emission limits shown employing a CISPR quasi-page 110–490 kHz and a section of the emission of	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

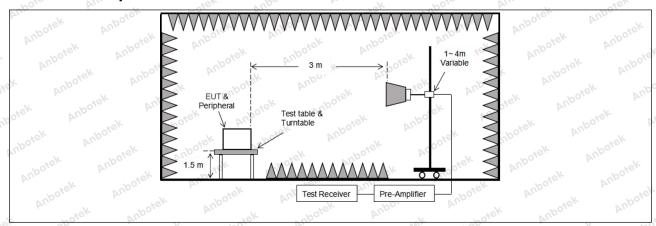
300	Operating Envir	onment:	Anbotek	Aupo	-hotel	k Aupon	Arra	rek no
P ₁	ret mode:	1: TX mode(BLE continuously tran 2: TX mode(BLE continuously tran	smitting m 2M): Keep	ode (BLE 11 the EUT co	M) onnect to A	O		





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8.2. Test Setup



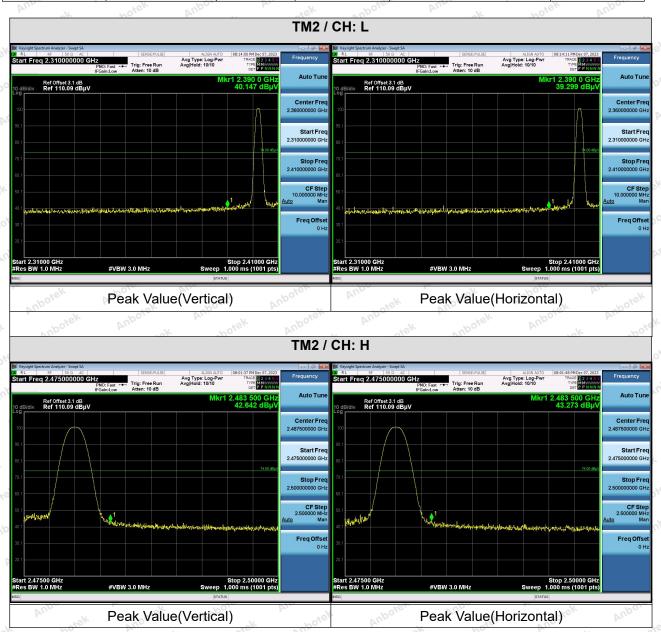




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8.3. Test Data

Temperature: 25.4 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



Note: 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)

Anbotek Anbotek		In addition, radiated emissions	
Test Requirement:		d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o. A. Stek	0.009-0.490	2400/F(kHz)	300 , 1001
abotek Anbo	0.490-1.705	24000/F(kHz)	30 50 tel
iek abojek	1.705-30.0	30° , , , , , , , , , , , , , , , , , , ,	30
Anbo. A. Siek	30-88	100 **	3,ek note
Spotek Aupo	88-216	150 **	3
All. abote	216-960	200 **	3 boten And
Aupo, W.	Above 960	500	3 rek on
Anbotek 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, 110-490 kHz and a section of the se	ng under this section shall not be z, 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 beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. ed under other and edges. measurements uency bands 9– sion limits in
Pose Bulga	16K 700, by	O O 18/4 Applete	k kojek
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Se Vup
Procedure:	ANSI C63.10-2020 section	6.6.4 An	

9.1. EUT Operation

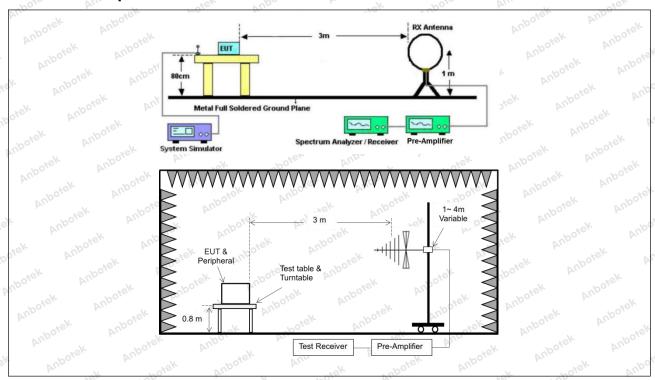
300	Operating Envir	onment:	Anbotek	Aupo	-hotel	k Aupon	Arra	rek no
P ₁	ret mode:	1: TX mode(BLE continuously tran 2: TX mode(BLE continuously tran	smitting m 2M): Keep	ode (BLE 11 the EUT co	M) onnect to A	O		





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9.2. Test Setup





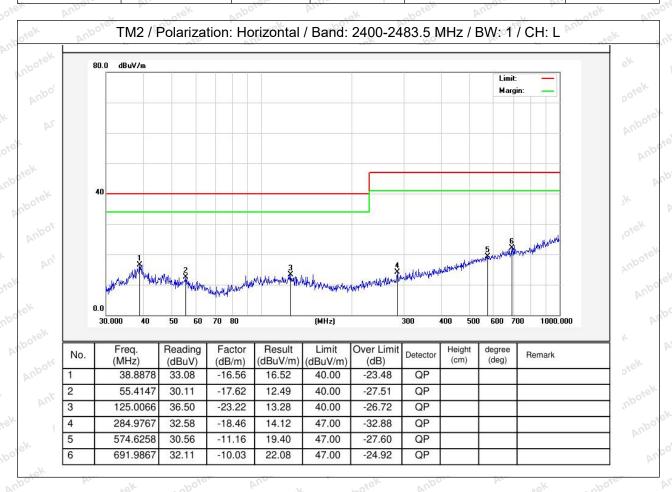


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9.3. Test Data

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

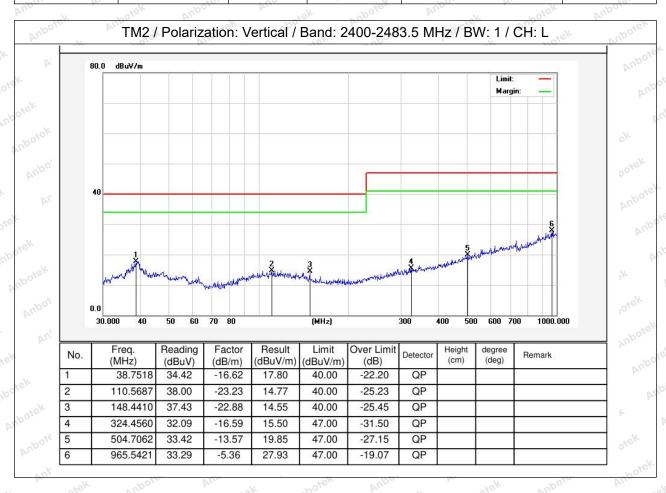
Temperature:	25.4 °C	Vupo.	Humidity:	48 %	Atmo	spheric Pres	sure:	101 kPa





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Temperature: 25.4 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.



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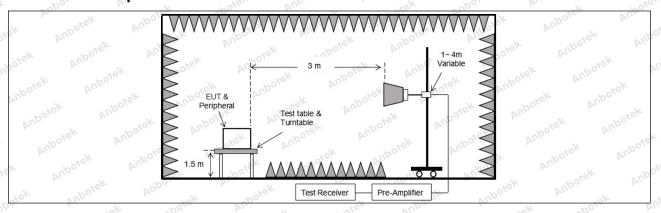
10. Emissions in frequency bands (above 1GHz)

hotek Anbotek		ons which fall in the restricted ba					
Test Requirement:	in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).						
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)				
o. W. Stek	0.009-0.490	2400/F(kHz)	300 000				
aborek Ando	0.490-1.705	24000/F(kHz)	30 50 tok				
The sek aporen	1.705-30.0	30 Rev 100	30				
Anbo, Air	30-88	100 **	3,ek anbore				
sbotek Anbo	88-216	150 **	3				
All rok abore	216-960	200 **	3 boter And				
Anbor	Above 960	500 Market Ambo	3 rek on				
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	** 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	· Up.	ek Aupotek				
Procedure:	ANSI C63.10-2020 section	6.6.4	port. K hotel				

10.1. EUT Operation

o'i	Operating Envir	onment: Anborek Anborek Anborek Anborek
10	Test mode:	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

10.2. Test Setup



Shenzhen Anbotek Compliance Laboratory Limited







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Test Data

Temperature: 25.4 °C Humidity: 48 % Atmospheric Pressure: 101 kPa

Aupole, Mun	20. 40.	otek Aupo.	by.	sk upoje.	Ans	hotek	
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	29.36	15.27	44.63	74.00	-29.37	Vertical	
7206.00	29.27	18.09	47.36	74.00	-26.64	Vertical	
9608.00	30.43	23.76	54.19	74.00	-19.81	Vertical	
12010.00	hotek*	bote, Aug	de Asia	74.00	ok hote	Vertical	
14412.00	Ans *ek	upotek A	Upo.	74.00	O. Pur	Vertical	
4804.00	28.95	15.27	44.22	74.00	-29.78	Horizontal	
7206.00	30.13	18.09	48.22	74.00	-25.78	Horizontal	
9608.00	28.50	23.76	52.26	74.00	-21.74	Horizontal	
12010.00	*ek *	ek Aupo,	ok hotel	74.00	And	Horizontal	
14412.00	*	otek Anbo	And	74.00	Aupo.	Horizontal	
Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4804.00	17.63	15.27	32.90	54.00	-21.10	Vertical	
7206.00	18.32	18.09	36.41	54.00	-17.59	Vertical	
9608.00	19.90	23.76 mbo	43.66	54.00	-10.34	Vertical	
12010.00	*Upo, *	sotek an	poter Ans	54.00	lek Vupor	Vertical	
14412.00	Anbor*	Yun Yun	"Upotek Vi	54.00	hotek Anbe	Vertical	
4804.00	17.28	15.27	32.55	54.00	-21.45	Horizontal	
7206.00	19.16	18.09	37.25	54.00	-16.75	Horizontal	
9608.00	18.01	23.76	41.77	54.00	-12.23	Horizontal	
12010.00	* VUB	tek abote	N Aupor	54.00	Anbores	Horizontal	
14412.00	obotek * Anb	O	otek Anbot	54.00	ek subotek	Horizontal	





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			ГM2 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.91	15.42	44.33	74.00	-29.67	Vertical
7320.00	29.24	18.02	47.26	74.00	-26.74	Vertical
9760.00	29.93	23.80	53.73	74.00	-20.27	Vertical
12200.00	ek * spotek	Aupor	h hotek	74.00	And	Vertical
14640.00	*	lek Wupose	Pun de	74.00	Aupo	Vertical
4880.00	28.76	15.42	44.18	74.00	-29.82	Horizontal
7320.00	30.00	18.02	48.02	74.00	-25.98	Horizontal
9760.00	28.22	23.80	52.02	74.00	-21.98	Horizontal
12200.00	*otek	Vupoje.	Aug	74.00	YUpor bu	Horizontal
14640.00	Ant siek	, upotek	Aupo	74.00	Aupore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	17.72	15.42	33.14	54.00	-20.86	Vertical °
7320.00	18.18	18.02	36.20	54.00	-17.80	Vertical
9760.00	19.75	23.80	43.55	54.00	-10.45	Vertical
12200.00	k *upor	An Siek	anbotek	54.00	boiek	Vertical
14640.00	otek * Anbot	And	sk spojek	54.00	pi, poiek	Vertical
4880.00	17.39	15.42	32.81	54.00	-21.19	Horizontal
7320.00	19.51	18.02	37.53	54.00	-16.47	Horizontal
9760.00	18.31	23.80	42.11	54.00	11.89 And	Horizontal
12200.00	Anb*otek	Aup	abotek	54.00	wotek D	Horizontal
14640.00	* "otek	Aupor	A. tek	54.00	VUD.	Horizontal



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Se AUD	, rek	, upo,	Di.	-hoter	And	arek.
		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	29.04	15.58	44.62	74.00	oke ^k -29.38, kb ^o	Vertical
7440.00	29.40	17.93	47.33	74.00	-26.67	Vertical
9920.00	30.63	23.83	54.46	74.00	-19.54	Vertical
12400.00	* P*	anbore.	And	74.00	Anbo.	Vertical
14880.00	* Vup	iek upołek	Aupo.	74.00	Anbore	Vertical
4960.00	28.90	15.58	44.48	74.00	-29.52	Horizontal
7440.00	30.21	17.93	48.14	74.00	-25.86	Horizontal
9920.00	28.60	23.83	52.43	74.00	-21.57	Horizontal
12400.00	AUD * * * * * * * * * * * * * * * * * * *	abotek	Aupo,	74.00	Anbore, An	Horizontal
14880.00	V.Apo,	Notek Notek	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	18.84	15.58	34.42	54.00	-19.58	Vertical
7440.00	19.45	17.93	37.38	54.00	3001-16.62 M	Vertical
9920.00	20.40	23.83	44.23	54.00	-9.77	Vertical
12400.00	k * spojek	Aupor	hotek	54.00	Aug	Vertical
14880.00	* * *	sk Vupoje.	Aug	54.00	Vupo,	Vertical
4960.00	18.57	15.58 NO	34.15	54.00	-19.85	Horizontal
7440.00	20.31	17.93	38.24	54.00	-15.76	Horizontal
9920.00	18.46	23.83	42.29	54.00 And	±11.71	Horizontal
12400.00	* tek	Anbores	Aur Stek	54.00	100. br.	Horizontal
14880.00	An*	anbotek	Aupo	54.00	Anbore	Horizontal

Remark:

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







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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 -----

