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FCC Test Report

Applicant : Anker Innovations Limited

Address Room 1318-19, Hollywood Plaza, 610 Nathan

Road, Mongkok, Kowloon, Hong Kong

Product Name : SmartTrack Card E30

Report Date : Feb. 27, 2024

Shenzhen Anbotek Con Anbotek



ce Laboratory Limited









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TEST REPORT

Anker Innovations Limited Applicant

Anker Innovations Limited Manufacturer

Product Name SmartTrack Card E30

Test Model No. T87B1

: N/A Reference Model No.

Trade Mark eufy SECURITY

Input: 5V=220mA Rating(s)

Capacity: Lithium-ion: DC 3.85V, 220mAh

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:	Jan. 22, 2024
Date of Test:	Jan. 22, 2024 to Feb. 20, 2024
Anbotek Anbotek Anbotek Anbotek	Choose and Andorse And
Prepared By:	Stella Zhu
Anbotek Anbotek Anbotek Anbotek Anbotek	(Stella Zhu)
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Approved & Authorized Signer:	Anboy Anboy An
	(Edward Pan)





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Revision History

	Report Version	Description	Issued Date			
	Anbore ROO gootek Ant	Original Issue.	Feb. 27, 2024			
(6)	Anbotek Anbotek	Anbotek Anbotek Anbotek	K abotek Anbotek Ant			
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1. General Information

1.1. Client Information

Applicant	1:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Manufacturer	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

1.2. Description of Device (EUT)

Not Nobel		All Sign And All Sign And Sign
Product Name	:	SmartTrack Card E30
Test Model No.	:	T87B1Anbott Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Reference Model No.	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	eufy SECURITY
Test Power Supply	:	DC 5V from Adapter input AC 120V/60Hz; DC 3.85V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification	•	
Operation Frequency	:	2402MHz~2480MHz
Number of Channel	:	40 Dorotek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK Anbotek Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)		2.37dBi Anbotek Anbotek Anbotek Anbotek Anbotek

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.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J

1.4. Operation channel list

Operation Band:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Orek	2402	And 10 tok	2422	20	2442	30	2462
1 botek	2404	11	2424	21	2444	31, ^{100,160}	2464
2 2 abo	2406	12	2426	22 Anbo	2446	rek 32 Anbo	2466
3	2408	13	2428	23 An	2448	botel 33	2468
4	2410	nbo 14	2430	24	2450	34	2470
Anbo 5	2412	Anbotto	2432	25	2452	35	2472
And Grek	2414	16	2434	26	2454	36	2474
7	2416	17. ^{nb}	2436	× 27 _{Anboh}	2456	ek 37 _{Mab} o	2476
8 And	2418	18 And	2438	otell 28 An	2458	38 N	2478
9 AT	2420	19 P	2440	29	2460	39	2480

1.5. Description of Test Modes

7	Pretest Modes	Descriptions
	ek abote TM1 Anboten	Keep the EUT works in continuously transmitting mode (BLE 1M)
0	TM2 Anborer	Keep the EUT works in continuously transmitting mode (BLE 2M)





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1.6. Measurement Uncertainty

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

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.

1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	tek Mup Jek	ibotek P Ar
Conducted Emission at AC power line	Mode1,2	Anbot P
Occupied Bandwidth	Mode1,2	An Prek
Maximum Conducted Output Power	Mode1,2	Robotek
Power Spectral Density	Mode1,2	ek P Anbot
Emissions in non-restricted frequency bands	Mode1,2	potek P An
Band edge emissions (Radiated)	Mode1,2	_{anbot} ₽
Emissions in frequency bands (below 1GHz)	Mode1,2	Np Pek
Emissions in frequency bands (above 1GHz)	Mode1,2	Photek
Note: P: Pass N: N/A, not applicable	ek Anbotek Anbot	otek Anboti





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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.
- 2. 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.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
- 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.





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1.10. Test Equipment List

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 Pupotek

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density
Emissions in non-restrict

Emissions in non-restricted frequency bands

Emissions in non-restricted frequency bands		a trequency bands	- Yek	700,0	- K	- role,	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1 _{An} l	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	
An4ore	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22	
5nb	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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0,00	And	otek pupo.	N. ak	-boye.	VU _P	ysio
	edge emissions (Ra sions in frequency ba		Auporgoiek	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
nbote 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
re ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emiss	Emissions in frequency bands (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					
Andorel	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11					
5,00	EMI Test Software EZ-EMC	SHURPLE	N/A nbor	N/A.cbott	Nupon pole	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 **PCB antenna** which permanently attached, and the best case gain of the antenna is **2.37 dBi**. It complies with the standard requirement.





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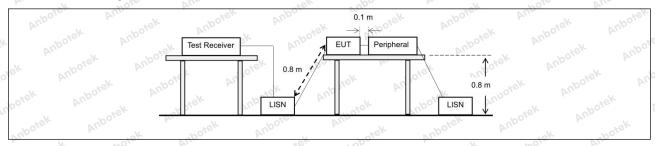
3. Conducted Emission at AC power line

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 ohms (LISN).	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. sek spolek	Anbor Anbor	Quasi-peak	Average	
Aupor Air.	0.15-0.5	66 to 56*	56 to 46*	
Test Limit:	0.5-5	56 NOTE AT	46	
Vu. Vol	5-30 And San	60	50 ren And	
Aupor K Air	*Decreases with the logarithm of	the frequency.		
Test Method:	ANSI C63.10-2020 section 6.2	Anborek Anbore	Ann	
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from ur			

3.1. EUT Operation

Operating Envir	onment:	Aupo.	bi. poiek	Anbote.	Aug Clek	Anborek	Anbo.
Aups stek		e(BLE 1M):	Keep the EU	IT works in o	continuously tra	nsmitting mod	le (BLE
Test mode:	1M) 2: TX mod	e(BLE 2M):	Keep the EL	IT works in o	continuously tra	nsmitting mod	le (BLE
Vpotek Vupo,	2M)	otek Ar	pore, An		anbotek An	0, 0 by	hotek

3.2. Test Setup





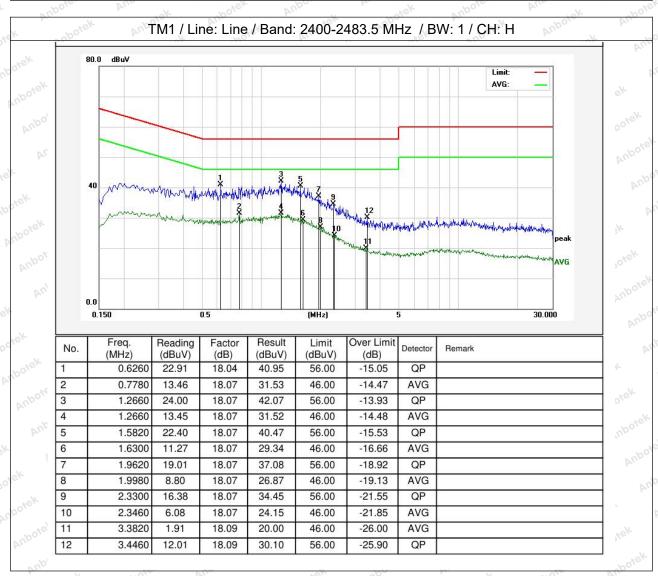
Hotline



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3.3. Test Data

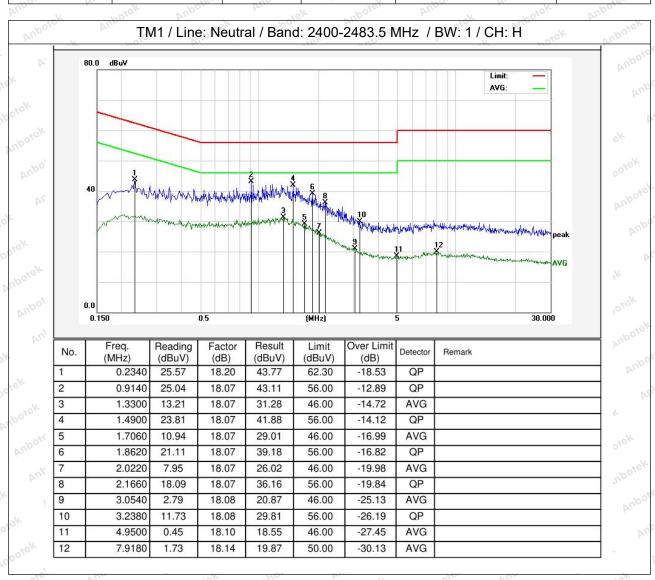
Temperature:	20.5 °C	Humidity:	39 %	Atmospheric Pressure:	101 kPa
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Temperature: 20.5 °C Humidity: 39 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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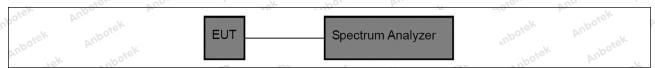
4. Occupied Bandwidth

47 CFR 15.247(a)(2)
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.
ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
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.
11.8.2 Option 2 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 ≥ 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

4.1. EUT Operation

Operating Envir	ronment:	V.U.	k anbot	Sk Wul	.ek	spojek	Anbore
Test mode:	1: TX mode(BL 1M) 2: TX mode(BL 2M)	ntek anb			abotek		V

4.2. Test Setup



4.3. Test Data

Temperature:	25.2 °C	Humidity:	46 %	Atmospheric Pres	ssure: 101 kPa	

Please Refer to Appendix for Details.









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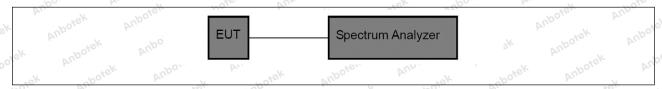
5. Maximum Conducted Output Power

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

×	Operating Envir	onment:	abořek.	Anbore	Ans	Aupotek	Aupo	12
0,0	Test mode:	-1M) Note	Anbo	"K 20,	works in conti	P ₂ U ₂	ek anbor	Sk. Vi

5.2. Test Setup



5.3. Test Data

Temperature:	25.2 °C	Humidity:	46 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





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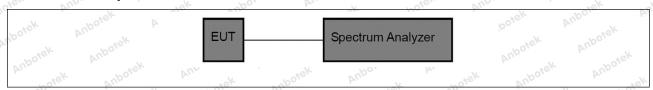
6. Power Spectral Density

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	onment:	Anbotek	Anbu	nbotek	Anbore	r Potek
Test mode:	1: TX mode(BLE 1M) 2: TX mode(BLE 2M)	D.I.			ok 10	otek Anbora

6.2. Test Setup



6.3. Test Data

Trainially. To the trainially.	Temperature:	25.2 °C	Humidity:	46 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



Hotline



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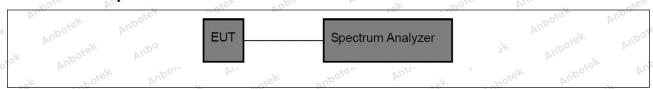
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
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

Opera	ting Envir	onment:	abotek	Anbore.	And	otek	Anboick	Vupo.	EK 200
Test m	Anbotek node: hotel	1M) 20016	e(BLE 1M): k	. W. 101			500	iel vie	ootek.

7.2. Test Setup



7.3. Test Data

Temperature:	25.2 °C	Humidity: 46 %	% Atmospheric Pr	essure: 101 kPa

Please Refer to Appendix for Details.







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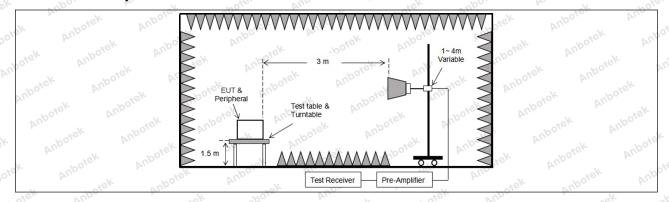
8. Band edge emissions (Radiated)

Pur K Potek	D-f t- 47 OFD 45 047(-1)		
Taboren And		In addition, radiated emissions	
Test Requirement:		d in § 15.205(a), must also comp	
Vupo, V.	radiated emission limits spe	ecified in § 15.209(a)(see § 15.2	05(c)).
k bojek Anbo.	Frequency (MHz)	Field strength	Measurement
And	otek Anbo	(microvolts/meter)	distance
stek upote An	ok botek Anbi	otek anbore	(meters)
o siek	0.009-0.490	2400/F(kHz)	300 Moore
aborek Anbo	0.490-1.705	24000/F(kHz)	30 50 tek
atek apoten	1.705-30.0	30° , , , , , , , , , , , , , , , , , , ,	30 And
Anbo. A. Stek	30-88	100 **	3 ek
aborek Anbe	88-216	150 **	3
All tek	216-960	200 **	3boten And
Anbo, A.	Above 960	500	3 rek no
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi	ons from
Due VIII.		ng under this section shall not b	
hotek Anbo.	frequency bands 54-72 MH	z, 76-88 MHz, 174-216 MHz or	470-806 MHz.
ur spotek		hese frequency bands is permitt	ed under other
Auport All	sections of this part, e.g., §		tek aboten
hotek Anbo.		e, the tighter limit applies at the b	
And		in the above table are based on	
Anbore And		peak detector except for the freq	
k sotek anb		above 1000 MHz. Radiated emis	
Ver Aug.		ed on measurements employing	an average
dek appore. A	detector.	oo, k. stek supote.	Vur.
Test Method:	ANSI C63.10-2020 section	6.10° knb	
resulvieurou.	KDB 558074 D01 15.247 N	leas Guidance v05r02	ok hotek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	Dote. Yur.

8.1. EUT Operation

31	Operating Envir	onment:	Anbotek .	Aupo,	K Vin	boick	Aupoter.	VUP.	ek vu
'n	Test mode:	1: TX mode(BLE 1M) 2: TX mode(BLE 2M)	And				- bu	ntek na	poter

8.2. Test Setup





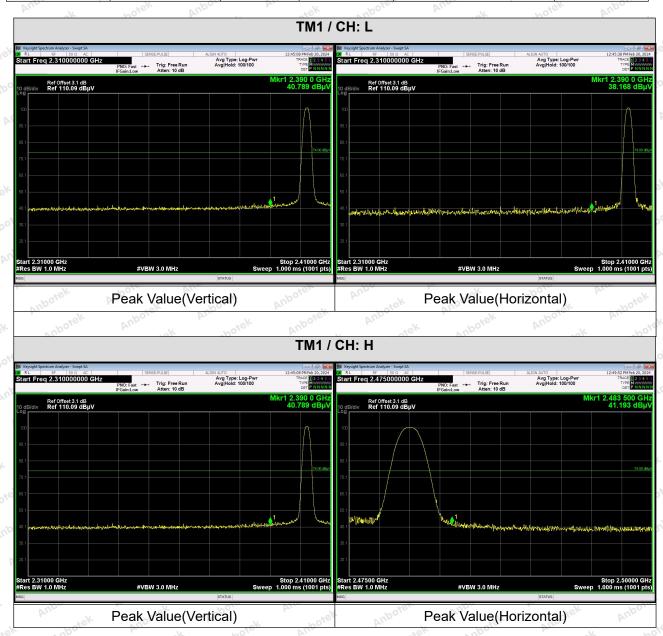




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8.3. Test Data

Temperature: 25.2 °C Humidity: 46 % 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)

Test Requirement:	restricted bands, as defin radiated emission limits s	pecified in § 15.209(a)(see § 15	.205(c)).
ek Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	64 300 Mporto
Joseph Ande	0.490-1.705	24000/F(kHz)	30 Sotel
	1.705-30.0	30	30
	30-88	100 **	3,ek Anbo
	88-216	150 **	AT 3
	216-960	200 **	3 bote, An
	Above 960	500 sorter ambou	3
Test Limit:	intentional radiators opera frequency bands 54-72 M	paragraph (g), fundamental emis ating under this section shall not Hz, 76-88 MHz, 174-216 MHz o	be located in the or 470-806 MHz.
Test Limit: Anbotek Anbotek	intentional radiators opera frequency 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	paragraph (g), fundamental emis ating under this section shall not Hz, 76-88 MHz, 174-216 MHz on these frequency bands is perm	be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in
Test Method:	intentional radiators opera frequency 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 base	paragraph (g), fundamental emistating under this section shall not Hz, 76-88 MHz, 174-216 MHz on these frequency bands is perming \$\frac{8}{3}\$ 15.231 and 15.241. If the tighter limit applies at the in the above table are based of the interpretation in the above table are based of the free above 1000 MHz. Radiated emisted on measurements employing 16.6.4	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

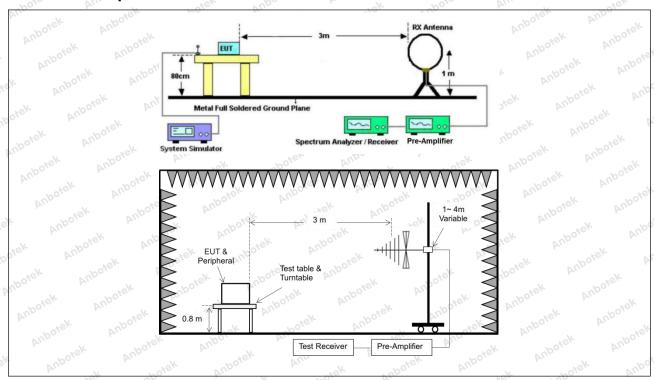
oie	Operating Envir	onment:	Anbotek	Anbe	F	notek A	upore Ar	siek vi
o'n,	Test mode:	1: TX mode(BLE 1M)	1M): Keep	the EUT v	works in	continuousl	y transmitting	mode (BLE
9	inbounde.	2: TX mode(BLE 2M)	2M): Keep	the EUT v	works in	continuousl	y transmitting	mode (BLE





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9.2. Test Setup





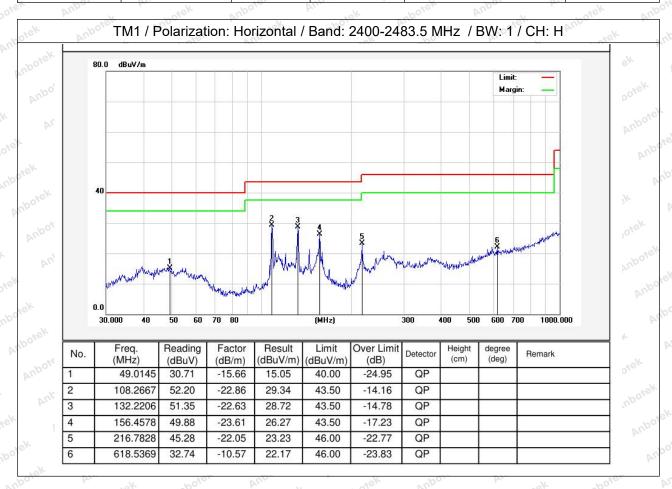


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9.3. Test Data

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

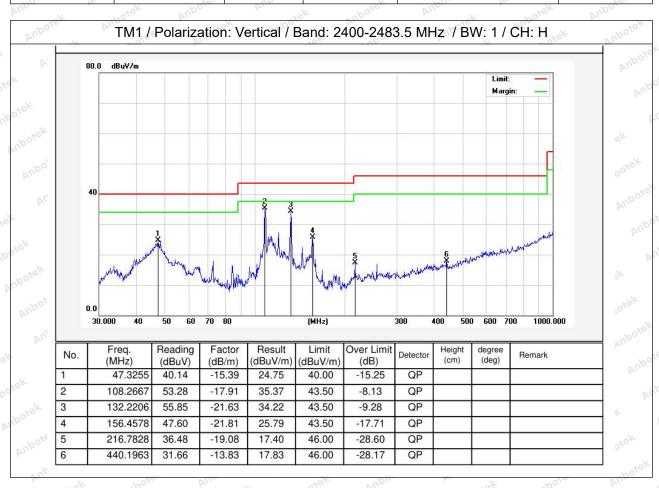
Temperature:	25.2 °C	Vupo.	Humidity:	46%	npo,	Atmospheric Pressure:	101 kPa
20	1 OV -		Vc	V.G.	1000	_ XO _ X	\V -





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Temperature: 25.2 °C Humidity: 46 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.









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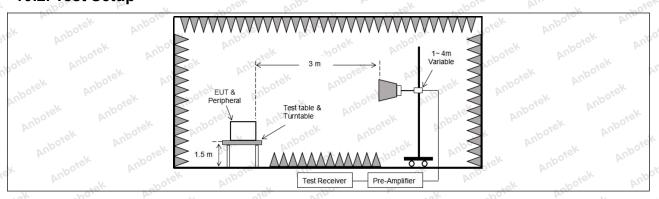
10. Emissions in frequency bands (above 1GHz)

Pupp.		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 Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)					
o. br.	0.009-0.490	2400/F(kHz)	300					
aborek Ando	0.490-1.705	24000/F(kHz)	30 Stek					
All aboten	1.705-30.0	30	30					
Anbo, Air	30-88	100 **	3,ek anbore					
sbotek Anbo	88-216	150 **	3					
Arm rek abore	216-960	200 **	3 boten And					
Anbor	Above 960	500 Market Ambo	3 rek on					
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat 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-190 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 permittly 15.231 and 15.241. The tighter limit applies at the bein the above table are based on beak detector except for the frequency 1000 MHz. Radiated emisted on measurements employing	e located in the 470-806 MHz. ted under other pand edges. measurements uency bands 9—ssion limits in					
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

31	Operating Envir	onment:	anbotek	Vupo,	K Br.	boick	Aupoter	Vu _p	sk vo
'n	Test mode:	1: TX mode(BLE 1M) 2: TX mode(BLE 2M)	Ano				, b.,	atek ant	poter

10.2. Test Setup









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10.3. Test Data

Temperature: 25.2 °C	Humidity: 46 %	Atmospheric Pressure:	101 kPa
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Vu.	hotek Anb		stek anboti	Ans.	r hotek	Anbo.
			TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	43.08	15.27	58.35	74.00	-15.65	Vertical
7206.00	39.45	18.09	57.54	74.00	-16.46	Vertical
9608.00	30.71	23.76	54.47	74.00	-19.53	Vertical
12010.00	Anboie * A	iek .	abotek Anb	74.00	otek Anbote	Vertical
14412.00	VUPO*SIK	Aupo	Potek b	74.00	otek onk	Vertical
4804.00	49.37	15.27	64.64	74.00	-9.36	Horizontal
7206.00	39.78	18.09	57.87	74.00	-16.13	Horizontal
9608.00	28.60	23.76	52.36	74.00	-21.64	Horizontal
12010.00	otek * Anbo	V. No.	iek Aupote	74.00	s abotek	Horizontal
14412.00	hotek* An	DOJE VILL	tek ab	74.00	ok hote	Horizontal
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	polarization
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4804.00	31.32	15.27	46.59	54.00	-7.41	Vertical
7206.00	22.89	18.09	40.98	54.00	-13.02	Vertical
9608.00	20.18	23.76	43.94	54.00	-10.06	Vertical
12010.00	bote*	Aupore Ai	iek og	54.00		Vertical
14412.00	All *	*upoter	Aup	54.00	ipo, Air	Vertical
4804.00	28.07	15.27	43.34	54.00	-10.66	Horizontal
7206.00	19.45	18.09	37.54	54.00	-16.46	Horizontal
9608.00	18.11 hote	23.76	41.87	54.00	-12.13	Horizontal
12010.00	rek *	otek Yupo,	No.	54.00	And	Horizontal
14412.00	Vpo. *	otek ant	oto And	54.00	ek Aupo	Horizontal



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			ГМ1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	43.08	15.42	58.50	74.00	-15.50 · · · · · · · · · · · · · · · · · · ·	Vertical
7320.00	29.44	18.02	47.46	74.00	-26.54	Vertical
9760.00	30.21	23.80	54.01	74.00	-19.99	Vertical
12200.00	ek * spojek	Anborr	but hotek	74.00	And	Vertical
14640.00	* * *	tek Wipose	Pun Vie	74.00	Aupo	Vertical
4880.00	46.15	15.42	61.57	74.00	-12.43	Horizontal
7320.00	30.29	18.02	48.31	74.00	-25.69	Horizontal
9760.00	28.32	23.80	52.12	74.00	-21.88	Horizontal
12200.00	* otek	Aupole.	Aug	74.00	YUpor bu	Horizontal
14640.00	AT*	nbotek	Anbo	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	26.45	15.42	41.87	54.00	-12.13	Vertical
7320.00	18.38	18.02	36.40	54.00	-17.60	Vertical
9760.00	20.03	23.80	43.83	54.00	-10.17	Vertical
12200.00	k *upor	N. Siek	anbotek	54.00	boiek	Vertical
14640.00	otek * Anboti	Anb	ek spojek	54.00	pi, poiek	Vertical
4880.00	28.42	15.42	43.84	54.00	-10.16	Horizontal
7320.00	19.80	18.02 A	37.82	54.00	-16.18	Horizontal
9760.00	18.41	23.80	42.21	54.00	11.79 And	Horizontal
12200.00	Anbotek	Anbo	abořek	54.00	work a	Horizontal
14640.00	* ~ ~ ~ ~ ~	VUPO.	Zi.	54.00	VUD.	Horizontal



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en Aug	riek	anbore	DI.	hoter	VUD.	niek .
		٦	ГМ1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	43.27	15.58	58.85	74.00	-15.15 NO	Vertical
7440.00	35.19	17.93	53.12	74.00	-20.88	Vertical
9920.00	30.91	23.83	54.74	74.00	-19.26	Vertical
12400.00	* ~ ~otek	anbore.	Anti-	74.00	Aupo,	Vertical
14880.00	* Vup	iek upołek	Anbo	74.00	Aupore.	Vertical
4960.00	45.15	15.58	60.73	74.00	-13.27	Horizontal
7440.00	30.50	17.93	48.43	74.00	-25.57	Horizontal
9920.00	28.70	23.83	52.53	74.00	-21.47	Horizontal
12400.00	Anb * * ek	abotek	Aupo, k	74.00	Anbote, An	Horizontal
14880.00	W. Apo.	hotek	Anbores	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	26.23	15.58	41.81	54.00	-12.19	Vertical
7440.00	19.65	17.93	37.58	54.00	16.42 M	Vertical
9920.00	20.68	23.83	44.51	54.00	-9.49	Vertical
12400.00	* * sboick	Aupor	hotek	54.00	Aug	Vertical
14880.00	* * "0"	sk Aupotor	And	54.00	Vupo,	Vertical
4960.00	26.52	15.58	42.10	54.00	-11.90	Horizontal
7440.00	20.60	17.93	38.53 M	54.00	-15.47	Horizontal
9920.00	18.56	23.83	42.39	54.00	-11.61	Horizontal
12400.00	* tek	Anbores	Vur.	54.00	po, by	Horizontal
14880.00	An*	* Upotek	Anbo	54.00	Aupole	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 -----

