

Address

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FCC Test Report

Applicant : Brightway Innovation Intelligent Technology

(Suzhou) Co., Ltd.

BuildingA2,ShangjinwanHeadquartersEconomic

ParkNo. 2288, WuzhongAvenue,

WuzhongEconomicDevelopmenZone, Suzhou

Jiangsu, China

Product Name : Bluetooth Module

Report Date : Feb. 29, 2024

Shenzhen Anbotek Product Safety

Approved **







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TEST REPORT

Applicant : Brightway Innovation Intelligent Technology (Suzhou) Co., Ltd.

Manufacturer : Brightway Innovation Intelligent Technology (Suzhou) Co., Ltd.

Product Name : Bluetooth Module

Test Model No. : RB8762-35A1

Reference Model No. : N/A

Trade Mark : N/A

Rating(s) : Input: DC 3V

Test Standard(s) : 47 CFR Part 15.247

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:	Oct. 19, 2023	
	unbo tek Anbotek Anbote A	
Date of Test:	Oct. 19, 2023 to Nov. 03, 2023	
	Tu Tu Hong	
Prepared By:	tok bosek Aupon O M.	iek pr
	(TuTu Hong)	
	Idward pan	
Approved & Authorized Signer:	Anboten Anboten	PUD.
	(Edward Pan)	





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Revision History

	Report Version	Description	Issued Date		
	Anbore R00 aborek An	Original Issue.	Feb. 21, 2024		
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1. General Information

1.1. Client Information

- A 17"					
Applicant	: Brightway Innovation Intelligent Technology (Suzhou) Co., Ltd.	~ote			
Address	BuildingA2,ShangjinwanHeadquartersEconomicParkNo. 2288, : WuzhongAvenue, WuzhongEconomicDevelopmenZone, Suzhou Jiangs China	/uzhongAvenue, WuzhongEconomicDevelopmenZone, Suzhou Jiangsu,			
Manufacturer	: Brightway Innovation Intelligent Technology (Suzhou) Co., Ltd.	ightway Innovation Intelligent Technology (Suzhou) Co., Ltd.			
Address	BuildingA2,ShangjinwanHeadquartersEconomicParkNo. 2288, : WuzhongAvenue, WuzhongEconomicDevelopmenZone, Suzhou Jiangs China	su,			
Factory	: Iton Technology Corp.	Tupote			
Address	Room 1302, Block A, Building 4, Tianan Cyber Park, Huangge North Ro Longgang District, Shenzhen, Guangdong, China	oad,			

1.2. Description of Device (EUT)

700, VIII		The way the state of the state
Product Name	:	Bluetooth Module
Test Model No.	:	RB8762-35A1
Reference Model No.	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 3.3V by USB to TTL Serial board
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A hotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 k Anbotek Anbotek Anbotek
Modulation Type	:	GFSK ^k Anbotek Anbotek Anbotek
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	1.22 dBistek Anbotek Anbotek Anbotek Anbotek
= 187	Ļ	And tek Moor Ar.

Romark:

- (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.
CH340 USB TO TTL UART	Mercury electronics technologies	MCS-71 Pro	Aupoter, Vupote
Acer Computer	acer	N19W3	2020AJ3862
Acer Computer Adapter	Lite-On Technology Corporation	PA-1650-58	KP06503020

1.4. Operation channel list

	~0,	12.7					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0,000	2402	10 mbon	2422	ek 20 _{Anb} ot	2442	[%] 30	2462
1 Aupo	2404	otek 11 Anb	2424	otek 21	2444 And	31	2464
botek 2 An	2406	bote12	2426	22	2446	32	2466
nbot3	2408	1,3	2428	23	2448	Anb 33	2468
4 rek	2410	14 jek	2430	24	2450	34	2470
5 boiek	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26 Anbox	2454	ek 36 Anbo	2474
7 Ans	2416 mbg	tek 17 Anbi	2436	otek 27 Ant	2456	37 N	2476
poter 8 An	2418	botel 18 A	2438	28	2458	38	2478
Anbore 9	2420	19	2440	29	2460	And 39 k	2480

1.5. Description of Test Modes

Pretest Modes		Descriptions		
TM1 Anborek		Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)		
'n,	TM2	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)		



Hotline



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1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz noone Andorek Andorek
Conducted Output Power	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.

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	And Joseph Ar	botek P Ar	
Conducted Emission at AC power line	Mode1,2	Anbotek	
Occupied Bandwidth	Mode1,2	AUDIER	
Maximum Conducted Output Power	Mode1,2	B/poyer	
Power Spectral Density	Mode1,2	ek P Anbos	
Emissions in non-restricted frequency bands	Mode1,2	ootek P An	
Band edge emissions (Radiated)	Mode1,2	Anbotek P	
Emissions in frequency bands (below 1GHz)	Mode1,2	Ant Prok	
Emissions in frequency bands (above 1GHz)	Mode1,2	Rootek	
Note: P: Pass N: N/A, not applicable	Aupotek Aupot	otek Aupote	





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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.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
- 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

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





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1.10. Test Equipment List

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 abotek

Occupied Bandwidth
Maximum Conducted Output Power
Power Spectral Density
Emissions in non-restricted frequency bands

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 _{Anb}	DC Power Supply	IVYTECH AND THE	IV3605	1804D360 510	2023-10-20	2024-10-19
2	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
3	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
4	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
Anbore	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

	edge emissions (Ra sions in frequency ba		abotek An	otek Ant	otek Anb	otek Anbote
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 2 n	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
4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	inbotek / Anbo	otek / Ans
×5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
nb6tek	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
17.bo	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24





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Emis	sions in frequency ba	ands (below 1GHz)	Anborok	Augotek	Anborek	Aupor Olek
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	o ^{tel} 310N And	186860	2023-10-12	2024-10-11
8	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
64ek	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Pupoter.	Augustr
A.5°°	Loop Antenna	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11





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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 **1.22 dBi**. It complies with the standard requirement.





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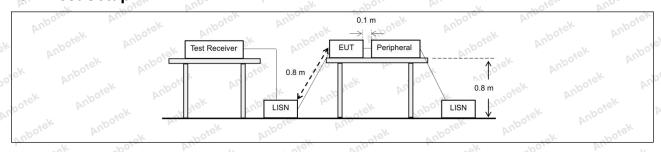
3. Conducted Emission at AC power line

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			
botek Anbor	Frequency of emission (MHz)	Conducted limit (dBµV)				
rue sek abotek	Anbo k hotek Anbort	Quasi-peak	Average			
Aupor Air	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 And Andrews	56 NOTE AT	46			
Ans abote	5-30 And 5	60	50 And			
k Aupora VIII.	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	Potek Anbore	And			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from ur					

3.1. EUT Operation

Operating Envir	onment:	Aupor	boiek .	Aupole.	Vun Viek	nbotek	Aupor
Test mode:			Keep the EUT ng mode (BLE		AC power lin	e and works in	sk Aupo
hotek Anbote	V -	·	Keep the EUT ng mode (BLE		AC power lin	e and works in	otek bi

3.2. Test Setup



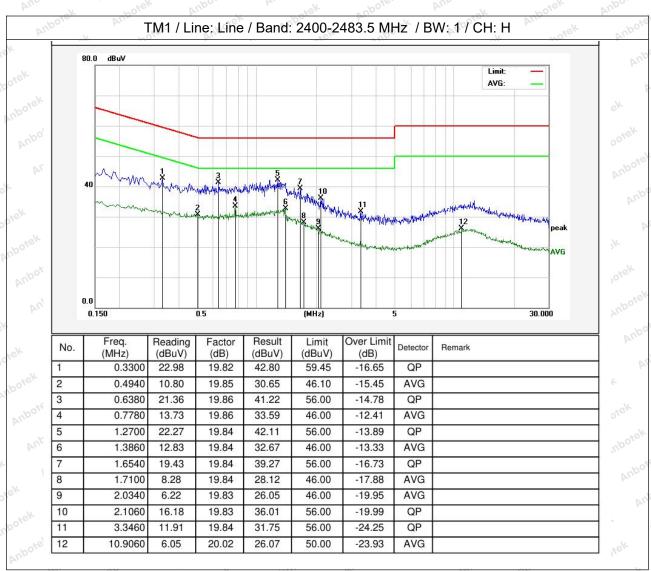




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3.3. Test Data

Temperature: 23.9 °C Humidity: 55.3 % Atmospheric Pressure: 101 kPa

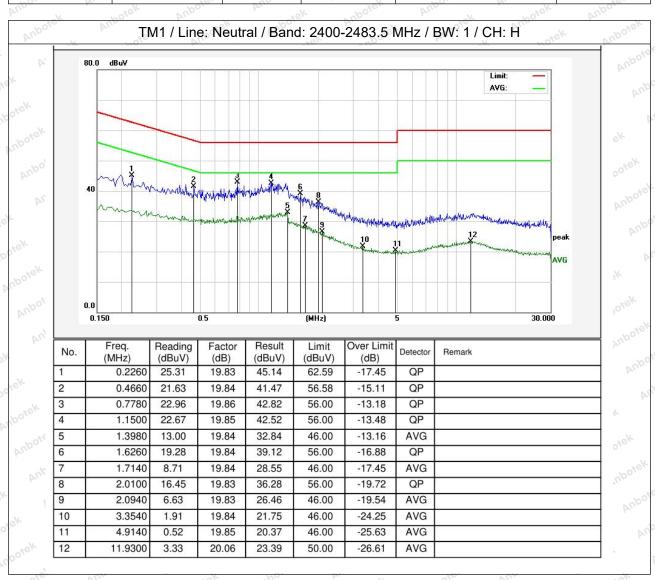






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Temperature: 23.9 °C Humidity: 55.3 % Atmospheric Pressure: 101 kPa



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
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]. c) Detector = peak. d) Trace mode = max-hold.
botek Anbotek	e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize.
Procedure:	g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value.
	11.8.2 Option 2
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotel	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 fundamental emission that might be ≥ 6 dB.

4.1. EUT Operation

Operating Envi	ronment:	Aur	Anbotek	Aupo,	r.	hotek	Anbore	Andarek
Test mode:		ode(BLE 1M): ously transmitt			ct to AC	power lir	ne and works	in Anbore
Anbo		ode(BLE 2M): ously transmitt			ct to AC	power lir	ne and works	in Ant

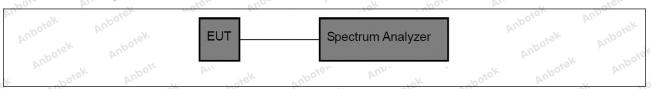






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4.2. Test Setup



4.3. Test Data

Temperature:	25.6 °C	Humidity:	48.5 %	Atmospheric Pressure:	101 kPa
. 240.b a . 2412.b 44	=0.0		10.0 /	, m	10.111





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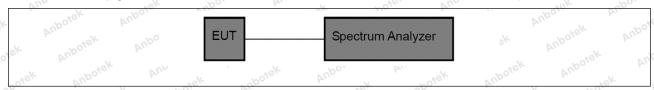
5. Maximum Conducted Output Power

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 Envir	onment:	Anboiek	Anboro	An Hotek	Anboren	Vupp Ofek	, npo
Test made work		(BLE 1M): Ke y transmitting		connect to AC 1M)	power line	and works in	ijek bi
Test mode:	- O.C CO	(BLE 2M): Ke y transmitting		connect to AC 2M)	power line	and works in	hotek

5.2. Test Setup



5.3. Test Data

Temperature:	25.6 °C	Humidity:	48.5 %	Atmospheric Pressure:	101 kPa
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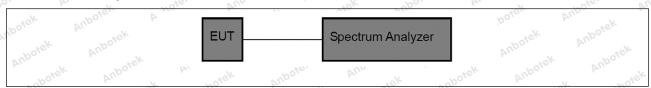
6. Power Spectral Density

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 Envi	ronment:	Anbore.	Aug	Anbotek	Aupo.	, , , , , , , , , , , , , , , , , , ,	botek
Test mode:	1: TX mode(BLE continuously trans	1 12/1		t to AC powe	er line and w	vorks in	Anbotek
And hotek	2: TX mode(BLE continuously trans	, ,		t to AC powe	er line and w	vorks in	

6.2. Test Setup



6.3. Test Data

_2c C V	. 10	-\-	70, N		(P)	\neg
Temperature:	25.6 °C	Humidity:	48.5 %	Atmospheric Pressure:	101 kPa	





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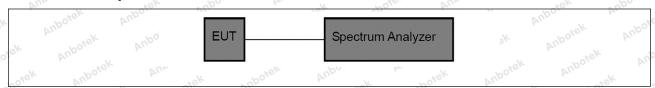
7. Emissions in non-restricted frequency bands

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

1/4	Operating Envir	onment:	Anboien	Aup. *ek	Spotek	Anboro	VII.	anbo
,d ^N	Anbores	1: TX mode(E continuously				power line a	and works in	, A.
×10°	Test mode:	2: TX mode(E	•	• V		power line a	and works in	riek
	hotek Anbe	continuously	transmitting	mode (BLE	2M)			198

7.2. Test Setup



7.3. Test Data

Temperature:	25.6 °C	Herode	umidity: 48.5	% A	Atmospheric P	ressure:	101 kPa	ootek







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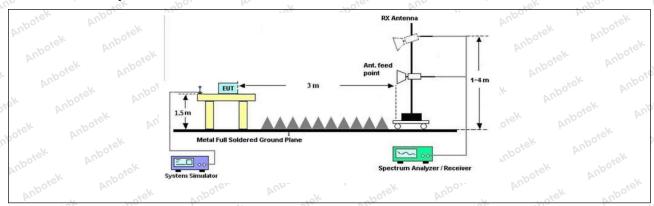
8. Band edge emissions (Radiated)

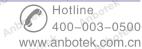
Test Requirement:	restricted bands, as define), In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the
k Aupotek Aupo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o. V.	0.009-0.490	2400/F(kHz)	300 00000
abotek Anbo	0.490-1.705	24000/F(kHz)	30 Stell
The stek	1.705-30.0	30° Arek 100°	30
Aupo. W. W.	30-88	100 **	3 ek nobore
- botek Anbo	88-216	150 **	3
Test Limit:	216-960	200 **	3 boten And
Aupo, by	Above 960	500 horek Anbo	3 yek onb
upotek Aupotek Vipotek Aupotek Vipotek Aupotek Vipotek Aupotek	intentional radiators operations frequency bands 54-72 MH	aragraph (g), fundamental emissi ting under this section shall not b dz, 76-88 MHz, 174-216 MHz or these frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		Anbotek Anbo
Procedure:	ANSI C63.10-2020 section	6.10.5.2	Projek V

8.1. EUT Operation

Operating Envi	ronment:	Anbotek	Anbo	ek spotel	Anbe	Y VIII	Lotek .	Aupotek
Test mode:	continuou 2: TX mo	ıslỳ transn de(BLE 2N	nitting mod /I)։ Keep th	ne EUT conne de (BLE 1M) ne EUT conne de (BLE 2M)). V			VUr.

8.2. Test Setup





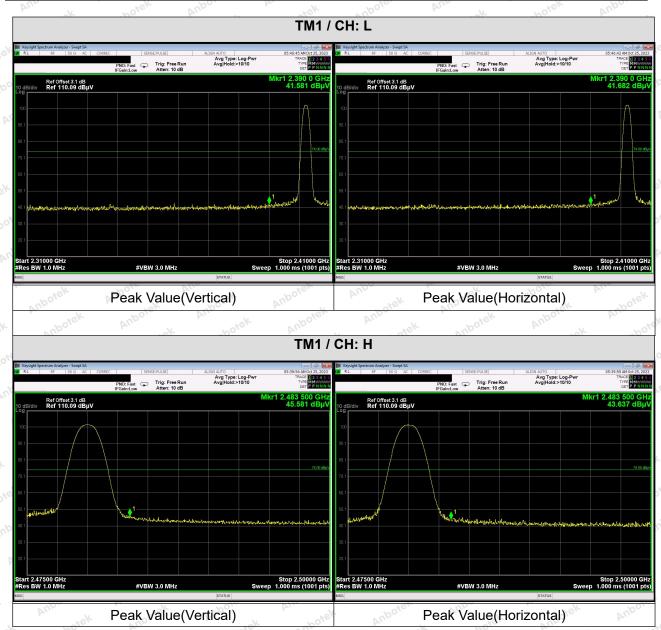




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8.3. Test Data

Temperature: 25.6 °C Humidity: 48.5 % Atmospheric Pressure: 101 kPa







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Average:

Test Mode	Peak Value (dBuV/m)	Correction factor	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
TMANACLL	41.581	-7.04	34.536	54.00	Vertical	Pass
TM1 / CH: L	41.682	-7.04	34.637	54.00	Horizontal	Pass
TM4 / CUL U.	45.581	-7.04	38.536	54.00	Vertical	otel Pass
TM1 / CH: H	43.637	-7.04	36.592	54.00	Horizontal	Pass

Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case(BLE_1M) mode.
- 1. Correction factor=20log(Duty Cycle)
- 2. Average Value=Peak Value+Correction factor





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9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o. W. upotek	0.009-0.490	2400/F(kHz)	300
Tupose Vi.	0.490-1.705 1.705-30.0	24000/F(kHz) 30	30
Anbor K Ar.	30-88	100 **	3 ok nobote
To the orient And	88-216	150 **	3 , , ,
Test Limit:	216-960	200 **	3bote And
Aupo, W.	Above 960	500 Morell Ambou	3 rek no
nbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat frequency bands 54-72 MH	ragraph (g), fundamental emissi ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or these frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anborek Anbo
Procedure:	ANSI C63.10-2020 section	6.6.4 Anbotek Anbotek	Projek W

9.1. EUT Operation

Operating Envi	ronment:	stek Anbo	tek abotek	Anbore	An-	Anbotek
Test mode:	continuously t 2: TX mode(B	ransmitting mo	ode (BLE 1M) the EUT connec		er line and works	Arra

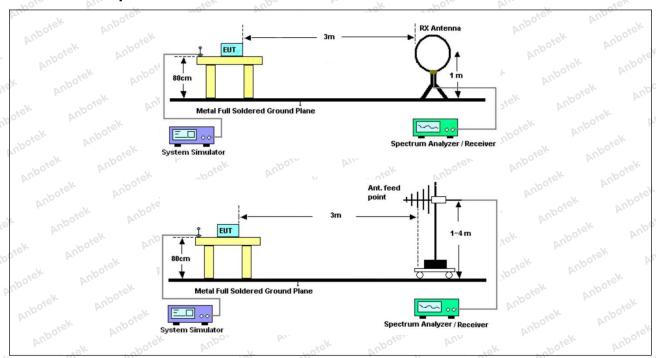






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9.2. Test Setup



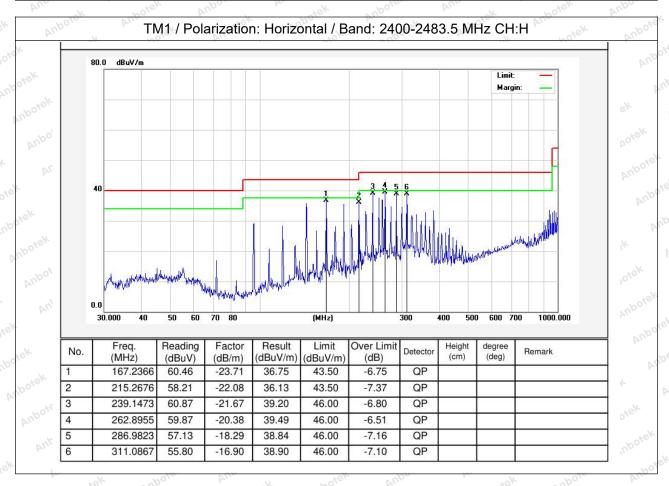




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9.3. Test Data

Temperature: 25.6 °C Humidity: 48.5 % Atmospheric Pressure: 101 kPa

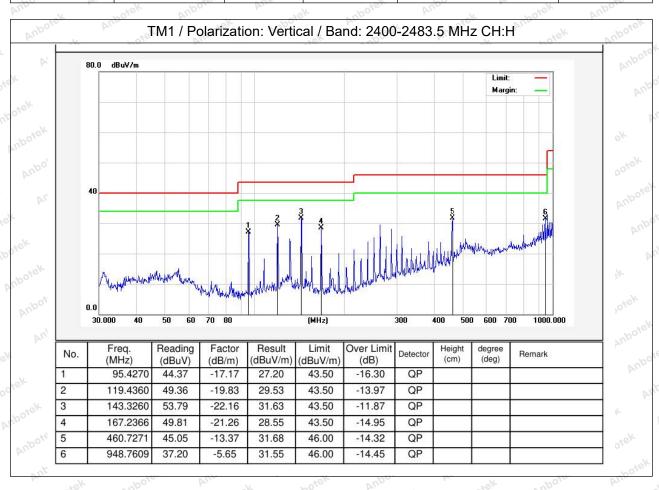






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25.6 °C Atmospheric Pressure: Temperature: Humidity: 48.5 % 101 kPa



Note: Only record the worst data in the report.









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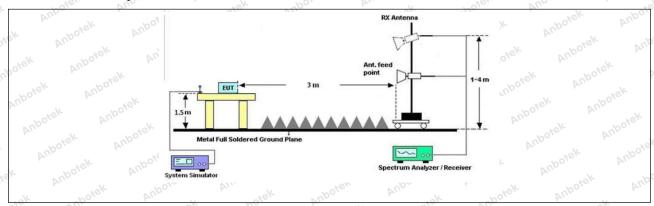
10. Emissions in frequency bands (above 1GHz)

1070	in § 15.209(a)(see § 15.20	701	AUR
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
abotek Anbo.	0.009-0.490	2400/F(kHz)	300
Arm rek abor	0.490-1.705	24000/F(kHz)	30 tel
Aupo, A.	1.705-30.0	30 hotek Anbo	30
lek shotek An	30-88	100 **	3 Anbo
Toot Limit:	88-216	150 **	3 boter
Test Limit:	216-960	200 **	3 A
ur spotek	Above 960	500	e3 Anbo
Anbotek Anbotek Anbotek Anbotek Anbotek Anbote	intentional radiators opera frequency bands 54-72 Mł	aragraph (g), fundamental emissiting under this section shall not blaz, 76-88 MHz, 174-216 MHz or these frequency bands is permit	e located in the 470-806 MHz.
iek spotek	707	DOCA AND LOK SONEK	Pupo,
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 I	46.	
	11DD 00001 + D01 10.2+111	VICAS Caldanoc VOOIOZ	

10.1. EUT Operation

Operating Envi	ronment:	Andorsek	Anborek	Vupo.	A. abotek	Anbore.	And
Test mode:	continuously 2: TX mode(I	transmitting BLE 2M): Kee	ep the EUT co mode (BLE 1N ep the EUT co mode (BLE 2N	/I) nnect to AC	W. William		igh An

10.2. Test Setup



Shenzhen Anbotek Compliance Laboratory Limited







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10.3. Test Data

Temperature: 25.6 °C	Humidity: 48.5 %	Atmospheric Pressure:	101 kPa
----------------------	------------------	-----------------------	---------

	Po, b,		TM1/CU.L	·	-K - H ₀ ,	No.	
TM1 / CH: L							
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4804.00	27.25	15.27	42.52	74.00	-31.48	Vertical	
7206.00	27.52	18.09	45.61	74.00	-28.39	Vertical	
9608.00	27.96	23.76	51.72	74.00	-22.28	Vertical	
12010.00	Anbore * Ar	19 × 19 ×	abotek Anb	74.00	otek Anbott	Vertical	
14412.00	VUPO*SK	Anbo	hotek P	74.00	siek sok	Vertical	
4804.00	27.02	15.27	42.29	74.00	-31.71	Horizontal	
7206.00	27.60	18.09	45.69	74.00	-28.31	Horizontal	
9608.00	27.60	23.76	51.36	74.00	-22.64	Horizontal	
12010.00	otek * Anbo	7K 100	iek Aupore	74.00	- nbotek	Horizontal	
14412.00	hotek* An	DOJE ATT	riek anbo	74.00	ok hotel	Horizontal	
Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4804.00	15.52	15.27	30.79	54.00	-23.21	Vertical	
7206.00	16.57	18.09	34.66	54.00	-19.34	Vertical	
9608.00	17.43	23.76	41.19	54.00	-12.81	Vertical	
12010.00	in Otek	Aupoter Au	*E*	54.00	Ne pos	Vertical	
14412.00	And *	abotek	Aupo, K	54.00	potes And	Vertical	
4804.00	15.35	15.27	30.62	54.00	-23.38	Horizontal	
7206.00	16.63	18.09	34.72	54.00	-19.28	Horizontal	
9608.00	rek 17.11 nbote	23.76	40.87	54.00	-13.13	Horizontal	
12010.00	* * *	otek Aupor	-K 204	54.00	VUR.	Horizontal	
14412.00	Vpo. *	ingtek ant	ote. 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 (dBuV/m)	Over Limit (dB)	polarization
4880.00	26.80	15.42	42.22	74.00	-31.78×no	Vertical
7320.00	27.49	18.02	45.51	74.00	-28.49	Vertical
9760.00	27.46	23.80	51.26	74.00	-22.74	Vertical
12200.00	ek * nbotek	Aupor	hotek	74.00	And	Vertical
14640.00	* * *	tek Aupole	Pur Vie	74.00	Aupo	Vertical
4880.00	26.83	15.42	42.25	74.00	-31.75	Horizontal
7320.00	27.47	18.02	45.49	74.00	-28.51 co ⁴⁴	Horizontal
9760.00	27.32	23.80	51.12	74.00	-22.88	Horizontal
12200.00	* * oiek	Anbore	And	74.00	YUPO. Pr.	Horizontal
14640.00	A.T. Stek	Anbotek	Aupo	74.00	Anbois	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	15.61	15.42	31.03	54.00	-22.97	Vertical
7320.00	16.43	18.02	34.45	54.00	-19.55	Vertical
9760.00	17.28	23.80	41.08	54.00	-12.92	Vertical
12200.00	k *upor	N Wiek	anboter	54.00	aborek	Vertical
14640.00	otek * Anbote	And	ek sbotek	54.00	bu. Potek	Vertical
4880.00	15.46	15.42	30.88	54.00	-23.12	Horizontal
7320.00	16.98	18.02	35.00	54.00	-19.00	Horizontal
9760.00	17.41	23.80	41.21	54.00	-12.79	Horizontal
12200.00	Anbotek	Anbo	abořek	54.00	"Otek D	Horizontal
14640.00	* wiek	VUPO.	A	54.00	VUP.	Horizontal





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Ler AUD	- stek	"upo,	N. OK	-hote.	VUD.	rek.
		1	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	26.93	15.58	42.51	74.00	-31.49	Vertical
7440.00	27.65	17.93	45.58	74.00	-28.42	Vertical
9920.00	28.16	23.83	51.99	74.00	-22.01	Vertical
12400.00	* work	Aupoter	And	74.00	Aupo,	Vertical
14880.00	* And	rek "Upotel	Aupo.	74.00	Aupore.	Vertical
4960.00	26.97	15.58	42.55	74.00	-31.45	Horizontal
7440.00	27.68	17.93	45.61	74.00	-28.39	Horizontal
9920.00	27.70	23.83	51.53	74.00	-22.47	Horizontal
12400.00	Anb * *ek	abotek	Aupo,	74.00	Aupote, Au	Horizontal
14880.00	W.*po	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	16.73	15.58	32.31	54.00	-21.69	Vertical
7440.00	17.70	17.93	35.63	54.00	18.37 M	Vertical
9920.00	17.93	23.83	41.76	54.00	-12.24	Vertical N
12400.00	k * potek	Anbo	hotek	54.00	And	Vertical
14880.00	* * * *	sk Vupove	Aur	54.00	Vupo.	Vertical
4960.00	16.64	15.58	32.22	54.00	-21.78	Horizontal
7440.00	17.78 An	17.93	otek 35.71 Anbo	54.00	-18.29	Horizontal
9920.00	17.56	23.83	41.39	54.00	-12.61	Horizontal
12400.00	* tek	Aupotes	Aur	54.00	Ipo. by	Horizontal
14880 00	bu*	hotell	Anbo	54 00	Aupore P	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 -----

