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FCC Test Report

Applicant : Shenzhen jueying Technology Co., Ltd.

1207, Floor 12, Block B, Chinto

Address : Science&Technology Building, Minzhi Street,

Longhua, Shenzhen, 518109, China

Product Name : LED light

Report Date : Jan. 10, 2024

Shenzhen Anbotek Compliance Laboratory Limited







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TEST REPORT

Shenzhen jueying Technology Co., Ltd. Applicant

Manufacturer Shenzhen jueying Technology Co., Ltd.

Product Name LED light

WE-9 Test Model No.

Reference Model No. : VL-600T

VILTROX Trade Mark

Input: 5V--2A (with DC 3.7V, 3300mAh battery inside) Rating(s)

47 CFR Part 15.247

Test Standard(s) ANSI C63.10-2020

KDB 558074 D01 15.247 Meas Guidance v05r02

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. 14, 2	2023	
Date of Test:			Dec. 14 ~ 27	7, 2023	
Aupotek Aupotek			Nian Xiu	. Chen	
Prepared By:	rode yes	ar Anbo	r. Hek	Anbore Ans	194
otek Anbotek Ar			(Nianxiu C		
			Bolward	pan	
Approved & Authorized	Signer:			Vu.	k abotek
Anbotek Anbor	ek spojek	Anbois	(Edward I	Pan)	iek abot







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Revision History

	Report Version	Description	Issued Date
	Anbore R00 potek Ant	Original Issue.	Jan. 10, 2024
3	Anbotek Anbotek	Anbotek Anbotek Anbotek	K Anbotek Anbotek Ant
/0	ore Ambotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anboter





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1. General Information

1.1. Client Information

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Applicant	:	Shenzhen jueying Technology Co., Ltd.
Address	:	1207, Floor 12, Block B, Chinto Science&Technology Building, Minzhi Street , Longhua, Shenzhen, 518109, China
Manufacturer	:	Shenzhen jueying Technology Co., Ltd.
Address	:	1207, Floor 12, Block B, Chinto Science&Technology Building, Minzhi Street , Longhua, Shenzhen, 518109, China
Factory	:	Shenzhen jueying Technology Co., Ltd.
Address	:	1207, Floor 12, Block B, Chinto Science&Technology Building, Minzhi Street , Longhua, Shenzhen, 518109, China

1.2. Description of Device (EUT)

:	LED light hotek Anbotek Anbotek Anbotek Anbotek
:	WE-9 Ambotek Ambotek Ambotek Ambotek Ambotek
:	VL-600T (Note: All samples are the same except the model number and appearance color, so we prepare "WE-9" for test only.)
:	VILTROX Anbotek
:	AC 120V/60Hz for Adapter/DC 3.7V Battery inside
:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
:	N/A potek Anbotek Anbotek Anbotek Anbotek
:	2402MHz to 2480MHz
:	40 k Anbotek Anbotek Anbotek
:	GFSK Anbotek Anbotek Anbotek
:	PCB Antenna
	-1.52 dBirek Anbort Anbort Anbort Anbort Anbort
	: : : : : : : : : : : : : : : : : : : :

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.

1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
k Aupo, lek an upot	ek Anbore, And hore	k Anboiek Anbo.	rek Anborek Anb







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1.4. Operation channel list

Operation Band:

-0.5	-0-	No.		17/1.		~0~	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
tek O anb	2402	10	otek 2422 Mood	20	2442 And	otek 30 Anb	2462
botek1	2404	. 11	2424	21	2444	nbote 31	2464
2	2406	12	2426	Anbore 22	2446	32	2466
3 dek	2408	Anba 13	2428	23	2448	33	2468
4 hotel	2410	14	2430	24	2450	34,00te	2470
5 5 5 C	2412	15	2432	25 Anbo	2452	rek 35 Anbe	2472
6	10010 2414 And	16	2434	otek 26 Ar	2454	100tel 36 N	2474
7	2416	nbote 17	2436	nbo*27	2456	37	2476
Anbo 8 tek	2418	Ant 18	2438	28	2458	38	2478
Ang otek	2420	19	2440	29	2460	39,000 Kel	2480

1.5. Description of Test Modes

Pretest Modes			Descriptions
hospotek	TM1	Aupor Polek	Keep the EUT in continuously transmitting mode with GFSK modulation.

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.8dB nbotek Anbot Ambot
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.









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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Wholek / Wholes	Anb Potek
Conducted Emission at AC power line	Mode1	P
Occupied Bandwidth	Mode1	PARTS
Maximum Conducted Output Power	Mode1	or Pu
Power Spectral Density	Mode1	inpo, b
Emissions in non-restricted frequency bands	Mode1	Anb Prek
Band edge emissions (Radiated)	Mode1	P P
Emissions in frequency bands (below 1GHz)	Mode1	PARTE
Emissions in frequency bands (above 1GHz)	Mode1	P And
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek A	Anbotek

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.





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1.9. Disclaimer

- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 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.
- 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

Emis	sions in non-restricte	a trequency bands	- Yek	700,0	- K	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
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

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400-003-0500



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018	And	otek pupo.	N. ak	-boye.	VU _P	ysio
	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
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	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 **PCB Antenna** which permanently attached, and the best case gain of the antenna is **-1.52 dBi**. It complies with the standard requirement.





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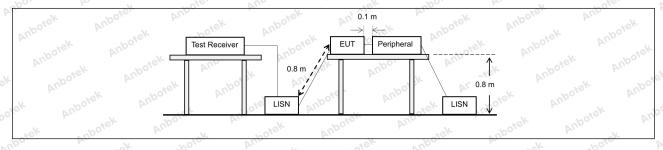
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the result back onto the AC power line on are band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage tha ny frequency or frequencie t exceed the limits in the f	nnected to the at is conducted es, within the following table, as				
shotek Anbore	Frequency of emission (MHz)	Conducted limit (dBµV)					
Ans sek społek	Anbore Anbore	Quasi-peak	Average				
Anbor Arr	0.15-0.5	66 to 56*	56 to 46*				
Test Limit:	0.5-5 tek nbote Am	56 Borel An	46				
Ant both	5-30 And State of Sta	60	50 reh				
k Wuporg Wu.	*Decreases with the logarithm of the frequency.						
Test Method:	ANSI C63.10-2020 section 6.2	Projek Auporen	Ans				
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un						

3.1. EUT Operation

Operating Envi	ronment:	Aupo.	horek	Aupole	And	Anborek	Anborr
Test mode:	1: TX mode	Pr.	EUT in contin	nuously trans	mitting mode v	vith GFSK	Anbo

3.2. Test Setup





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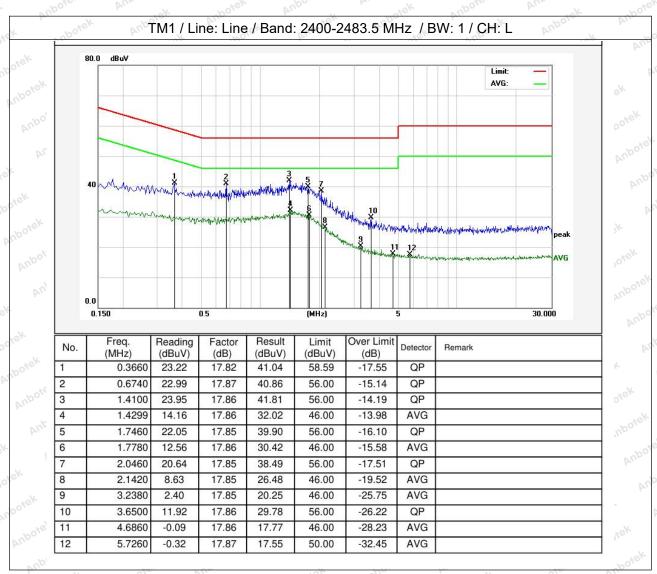
400-003-0500



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3.3. Test Data

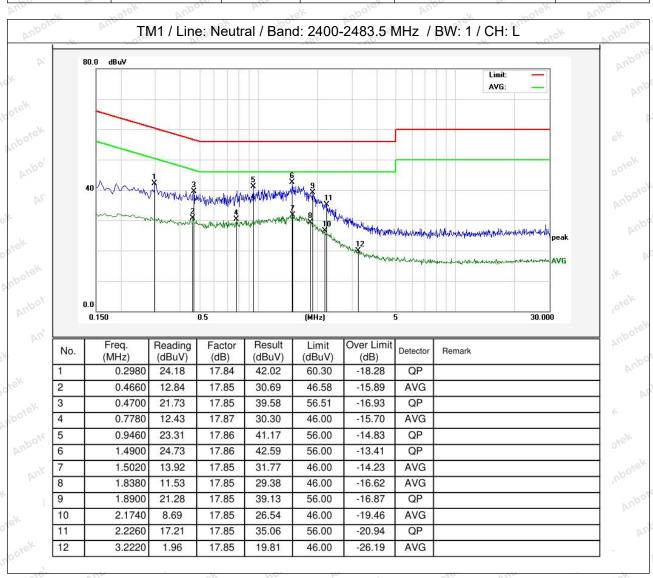
Temperature: 21.4 °C	Humidity: 52 %	Atmospheric Pressure: 101 kPa
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Temperature: 21.4 °C Humidity: 52 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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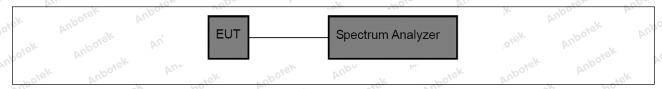
4. Occupied Bandwidth

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 Env	ironment:	Vun Viek	anbotek	Aupo, "ek	abotek.	Anbore.
Test mode:	1: TX mode: Ke modulation.	ep the EUT in c	ontinuously	transmitting n	node with GFS	K Anbotes

4.2. Test Setup



4.3. Test Data

Temperature:	25.3 °C	Humidity:	44 %	Atmospheric Pressure:	101 kPa	

Please Refer to Appendix for Details.









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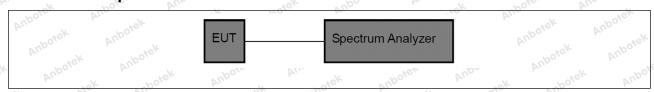
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

5.1. EUT Operation

Operating Envi	ronment:	abotek	Aupore	Dir.	hotek	Aupoter	Anbe	rek	200
Test mode:	1: TX mode: modulation.	Keep the E	UT in continu	uously	transmit	ting mode	with GFSh	K hoiek	V.

5.2. Test Setup



5.3. Test Data

Temperature:	25.3 °C	Humidity:	44 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.



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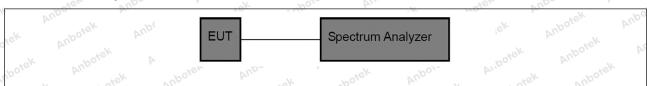
6. Power Spectral Density

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 Envi	ronment:	rek.	Anbotek	Anba	abotek	Anboro	. bojek
Test mode:	1: TX mode:	Keep	the EUT in	continuously	transmitting	mode with G	FSK MAN
Tost mode.	modulation.					· · · · · ·	

6.2. Test Setup



6.3. Test Data

Temperatur	e: 25.3 °C	Humidity:	44 %	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.





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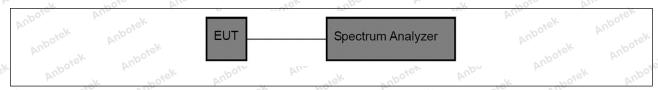
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anbotek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

7.1. EUT Operation

Operating Envi	ronment:	aboiek	Vupoter K	Vur	otek	Anborek	Vupo.	*ek	200
Test mode:	1: TX mode:	Keep the El	JT in continu	ously tra	ansmitt	ing mode w	ith GFSK	ζο, ΄΄	24
Tool mode.	modulation.								D.S

7.2. Test Setup



7.3. Test Data

Please Refer to Appendix for Details.



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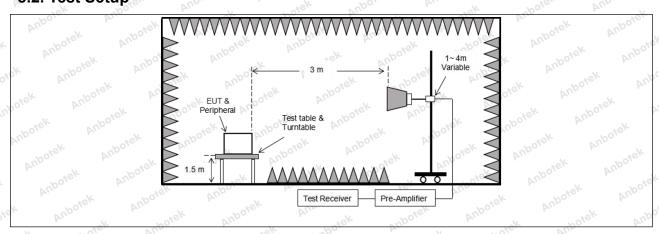
8. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the
otek Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o projek	0.009-0.490	2400/F(kHz)	300 0000
aborek Anbo	0.490-1.705	24000/F(kHz)	30
Ar. Anboter	1.705-30.0	30	30
Anbo. K. isotek	30-88	100 **	3,ek nbore
aboren Anbe	88-216	150 **	3
Ar. Stek Anbore	216-960	200 **	3 pore And
Test Limit:	Above 960	500 And	3 dek no
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	frequency bands 54-72 MH However, operation within a 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	ing under this section shall not be lz, 76-88 MHz, 174-216 MHz or these frequency bands is permitted in the tighter limit applies at the bein the above table are based on beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. sed under other and edges. measurements uency bands 9– ssion limits in
Poler Fup	P.	C 10ek anbotek Anbe	-k hotek
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		an Anu botek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	or Arr.

8.1. EUT Operation

Operating Envir	onment:	upotek	Anbor	hoiek .	Anbore	AUP	ciek nik
Test mode:	1: TX mode: k	€eep the EU	Γ in continuoι	usly transmittir	ng mode witl	h GFSK	.ak
100	modulation.				8"		2007

8.2. Test Setup





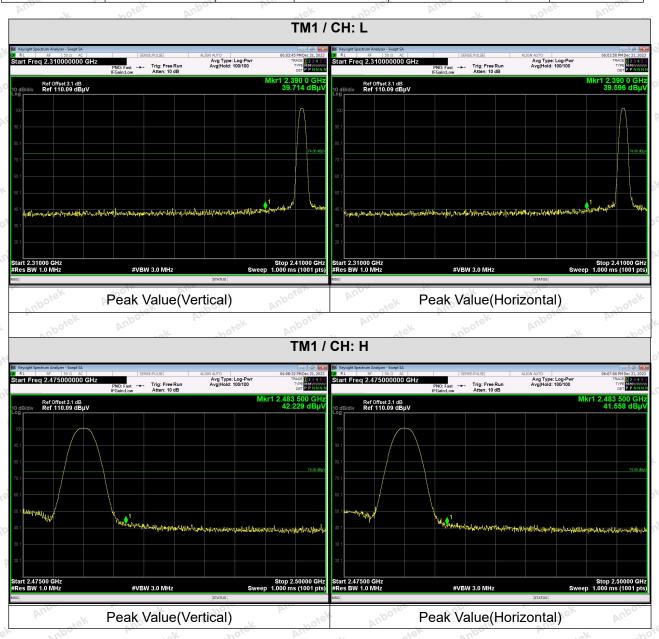




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8.3. Test Data

Temperature: 25.3 °C Humidity: 44 % 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 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 Vupotek Vupot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
nbotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300
Aupotek Aupotei	1.705-30.0 30-88	30 100 **	30
k abotek Anbote	88-216 216-960 Above 960	150 ** 200 ** 500	3 And And 3
Test Limit:	** Except as provided in pa intentional radiators operati	ragraph (g), fundamental emissi ng under this section shall not b	ons from e located in the
upotek Aupotek		z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241.	
Anbotek Anboten	In the emission table above The emission limits shown	e, the tighter limit applies at the b in the above table are based on beak detector except for the freq	measurements
tek Vupotek Vupe	90 kHz, 110–490 kHz and a	above 1000 MHz. Radiated emised on measurements employing	sion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		sk Aupotek
Procedure:	ANSI C63.10-2020 section	6.6.4 MARK MARKET MARKET	ore. Ann borek

9.1. EUT Operation

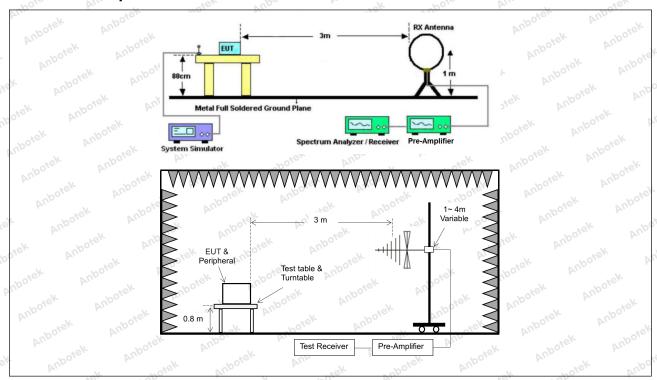
,o¹	Operating Envir	onment:	Anboten	Anbe	botek	Anbore	bu.	rek	NO.
	Test mode:	1: TX mode: K	eep the EUT	in continuo	usly transmit	ting mode w	vith GFSK	Wp. rek	
70	0	modulation.	D1.	V	ien Aup	*	rek_	popor	1





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9.2. Test Setup





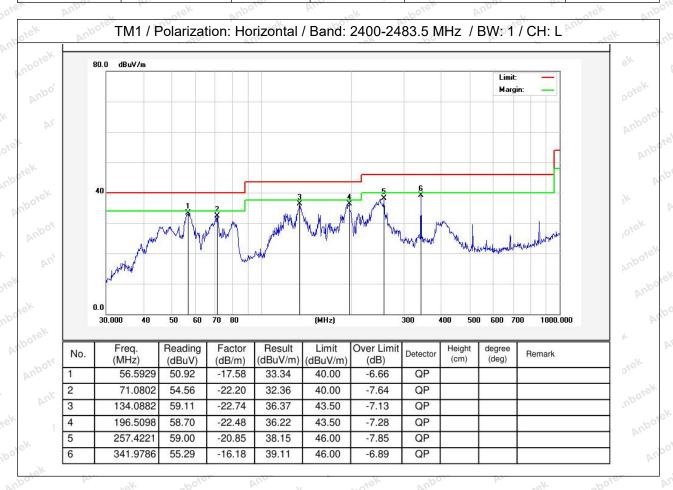


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9.3. Test Data

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

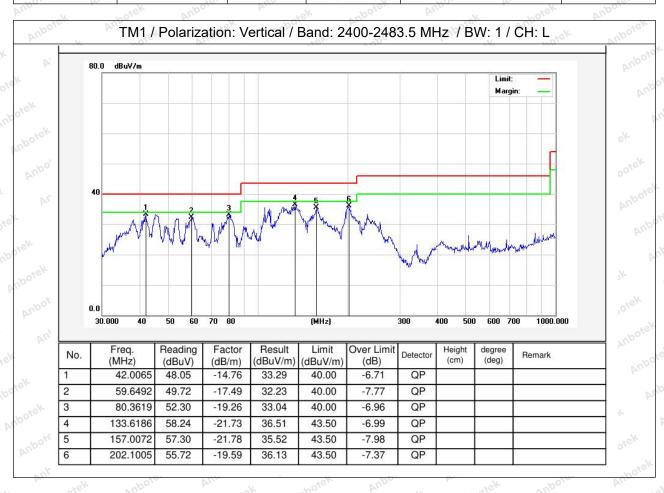
Temperature:	24.8 °C	Anl	Humidity:	49 %	Atmospheric Pressure:	101 kPa
Tomporatare.				10,-70	, tarresprisire i assessi si	p-101 Ki Gi





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Temperature: 24.8 °C Humidity: 49 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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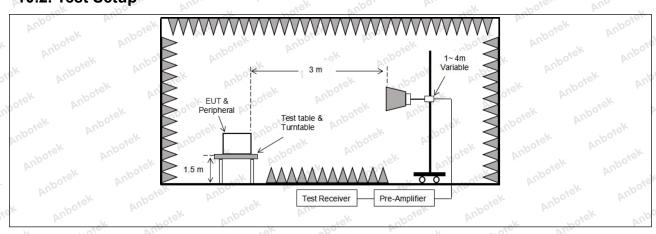
10. Emissions in frequency bands (above 1GHz)

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. by	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

	Operating Envir	onment:	Anbotek	Anbo	-poiek	Aupote	Ans	atek.	~0k
0,0	Test mode:	1: TX mode: k	(eep the EU	Γ in continuo	usly transmitti	ing mode wit	h GFSK	0.K	
		modulation.							1

10.2. Test Setup









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10.3. Test Data

Temperature: 24.8 °C Humidity: 49 %	Atmospheric Pressure:	101 kPa
-------------------------------------	-----------------------	---------

br.	Poter Vup.	- 5	tek upor	by.	ok hoter	Anti	
TM1 / CH: L							
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4804.00	28.45	15.27	43.72	74.00	-30.28	Vertical	
7206.00	28.51	18.09	46.60	74.00	-27.40	Vertical	
9608.00	29.36	23.76	53.12	74.00	-20.88	Vertical	
12010.00	Anbore * Ar	49:	aboiek Anb	74.00	otek Anbott	Vertical	
14412.00	"Upo*sk	Aupo	hojek b	74.00	rick on	Vertical	
4804.00	28.11	15.27	43.38	74.00	-30.62	Horizontal	
7206.00	29.03	18.09	47.12	74.00	-26.88	Horizontal	
9608.00	28.11	23.76	51.87	74.00	-22.13	Horizontal	
12010.00	otek * Yupo.	<i>b</i> .	iek Vupoje,	74.00	botek	Horizontal	
14412.00	woick* An	poter Amb	rek no	74.00	ak hote	Horizontal	
Average value:	Dooding	Factor	Result	Limit	Over Limit		
Frequency (MHz)	Reading (dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	polarization	
4804.00	16.72	15.27	31.99	54.00	-22.01	Vertical	
7206.00	17.56	18.09	35.65	54.00	-18.35	Vertical	
9608.00	18.83	23.76	42.59	54.00	-11.41	Vertical	
12010.00	to Otok	Aupoter, Au	e/k	54.00	- A Pro-	Vertical	
14412.00	And *	anbotek	Aupo. K	54.00	pore Ans	Vertical	
4804.00	16.44	15.27	31.71	54.00	-22.29	Horizontal	
7206.00	18.06	18.09	36.15	54.00	-17.85	Horizontal	
9608.00	17.62	23.76	41.38	54.00	-12.62	Horizontal	
12010.00	***	otek Aupor	- K 1-04	54.00	Aug. "ek	Horizontal	
14412.00	Vpo. *	ingtek ant	ofer And	54.00	ek Aupor	Horizontal	





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				botek	Anbor	
			TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.00	15.42	43.42	74.00	-30.58	Vertical
7320.00	28.48	18.02	46.50	74.00	-27.50	Vertical
9760.00	28.86	23.80	52.66	74.00	-21.34	Vertical
12200.00	ek * nbotek	Anbo.	k hojek	74.00	And	Vertical
14640.00	* *	ick Aupote	Aug	74.00	Aupo	Vertical
4880.00	27.92	15.42 M	43.34	74.00	-30.66	Horizontal
7320.00	28.90	18.02	46.92	74.00	-27.08	Horizontal
9760.00	27.83	23.80	51.63	74.00	-22.37	Horizontal
12200.00	* otek	Anbore	And	74.00	YUPO, OK	Horizontal
14640.00	Ant.	Anbotek	Vupo,	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	16.81	15.42	32.23	54.00	-21.77	Vertical
7320.00	17.42	18.02	35.44	54.00	-18.56	Vertical
9760.00	18.68	23.80	42.48	54.00	-11.52	Vertical
12200.00	k *upor	Dr. Siek	Aupotek	54.00	boiek	Vertical
14640.00	otek * Anboti	AND	ek spojek	54.00	Principle K	Vertical
4880.00	16.55	15.42	31.97	54.00	-22.03	Horizontal
7320.00	18.41	18.02	36.43	54.00	-17.57	Horizontal
9760.00	17.92	23.80	41.72	54.00	12.28 M	Horizontal
12200.00	Anb***	Anbo	abotek	54.00	work a	Horizontal
14640.00	* botek	Anbo.	N. Olek	54.00	And	Horizontal





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		•	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.13	15.58	43.71	74.00	-30.29	Vertical
7440.00	28.64	17.93	46.57	74.00	-27.43	Vertical
9920.00	29.56	23.83	53.39	74.00	-20.61	Vertical
12400.00	* * otek	anbotes	Anb	74.00	Aupor	Vertical
14880.00	* Vue	sek "potel	Anbo.	74.00	Aupole	Vertical
4960.00	28.06	15.58	43.64	74.00	-30.36	Horizontal
7440.00	29.11	17.93	47.04	74.00	-26.96	Horizontal
9920.00	28.21	23.83	52.04	74.00	-21.96	Horizontal
12400.00	Anb *	abotek	Aupo, k	74.00	Anbores Ant	Horizonta
14880.00	M. Do.	P. Potek	Anbores	74.00	anbotek	Horizonta
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4960.00	17.93	15.58	33.51	54.00	-20.49	Vertical
7440.00	18.69	17.93	36.62	54.00	-17.38	Vertical
9920.00	19.33	23.83	43.16	54.00	-10.84	Vertical
12400.00	* * hotek	Anbo.	Potek	54.00	Ans	Vertical
14880.00	* * *	arbore Anbore	Andrek	54.00	Aupo	Vertical
4960.00	17.73	15.58	33.31	54.00	-20.69	Horizonta
7440.00	19.21	17.93	37.14 M	54.00	-16.86	Horizonta
9920.00	18.07	23.83	41.90	54.00	-12.10	Horizonta
12400.00	* totek	Anbores	Ann	54.00	100. by	Horizonta
14880 00	An*	hotell	Anbo	54 00	Anbore A	Horizonta

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.







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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 -----

