

Address

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FCC Test Report

Shenzhen Qianyan Technology LTD **Applicant**

No. 3301, Block C, Section 1, Chuangzhi

Yuncheng Building, Liuxian Avenue, Xili

Community, Xili Street, Nanshan District,

Shenzhen, 518000, China

Product Name : Christmas Tree Lights

Report Date Jul. 22, 2024



_aboratory Limited







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TEST REPORT

Shenzhen Qianyan Technology LTD Applicant

Manufacturer Shenzhen Qianyan Technology LTD

Product Name Christmas Tree Lights

Model No. H6800

Trade Mark : Govee

Rating(s) Input: 5V=5A

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:	May 21, 2024	
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Date of Test:	1ay 21, 2024 ~ Jul. 10, 2024	
	Ella Liang	
Prepared By:	Anborek Anborek An	
otek Aupor K Potek Aupore, Aup	(Ella Liang)	Anbotek
Anbotek Anbotek Anbotek Anbotek Anbotek Anbo	Bolward pan	Anbotek hotek
Approved & Authorized Signer:	Anborre Anborr	And
	(Edward Pan)	



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Revision History

	Report Version	Description	Issued Date			
	Anbore R00 potek An	Original Issue.	Jul. 22, 2024			
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1. General Information

1.1. Client Information

Applicant	:	Shenzhen Qianyan Technology LTD
Address	:	No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen, 518000, China
Manufacturer	:	Shenzhen Qianyan Technology LTD
Address	:	No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen, 518000, China

1.2. Description of Device (EUT)

Pr.	6	is view of the state of the sta
Product Name	:	Christmas Tree Lights
Model No.	:	H6800
Trade Mark	:	Govee
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	Manufacturer: Dongguan Rico Electronic Co.,Ltd Model: RKPO-UL0505000IP44-4 Input: 100-240V~, 50/60Hz, 0.9A Output: 5V= 5000mA 25W
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Anborek Anborek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	3.77dBi 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.	
	Anbores / Anbores	Ant stek/ subotek	Anbor A All botek	Anboret And	

1.4. Operation channel list

Operation Band:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anboio	2402	10	2422	20.04	2442	And 30 tek	2462
Antorek	2404	1,30tek	2424	21 _{botek}	2444	31	2464
2,nboke	2406	12 _{nb} ote	2426	22	2446	32	2466 Above
ek 3 Anbo	2408	otek 13 Anb	2428	23	otek 2448 Anbo	33	2468
botek 4 A	2410	, e14	2430	24	2450	34	2470
Napot 5	2412	15	2432	25	2452	Anh 35	2472
6 tek	2414	16	2434	26	2454	36	2474
7 _{nbořek}	2416	17 000	2436	27	2456	37	2476
ek 8 Anbo	2418	18	2438	28	2458 And of	38 🗥	2478
otek 9 Ar	2420 Andre	19	1001 2440 Ant	29 Ani	2460	o ^{dek} 39 M	2480

1.5. Description of Test Modes

	Pretest Modes	Descriptions
4	Anbotek TM1 ^{Anbo} obotek	Keep the EUT in continuously transmitting mode with GFSK modulation.



Hotline



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1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
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	ootek Anbotek Anbo	P P
Conducted Emission at AC power line	Mode1	P
Occupied Bandwidth	Mode1	Prek Prek
Maximum Conducted Output Power	Mode1	Photo
Power Spectral Density	Mode1	P P
Emissions in non-restricted frequency bands	Mode1	P
Band edge emissions (Radiated)	Mode1	P
Emissions in frequency bands (below 1GHz)	Mode1	Anbo Pok
Emissions in frequency bands (above 1GHz)	Mode1	Anba P
Note: P: Pass N: N/A, not applicable	k Anbotek Anbotek	ik Aup.

Shenzhen Anbotek Compliance Laboratory Limited





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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	Aupo	k hotel	Anbore	Andrek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
. 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
30t	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Alooiek	Anborek
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density

Emis	sions in non-restricte	d frequency bands	r. vok	boro	V.	-otek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 An	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A nbox	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	102150	2024-05-06	2025-05-05
An4ote	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
5,00	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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400-003-0500



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0,00	And	stek rupo.	N. Ok	pote.	AUS	iek
	edge emissions (Ra sions in frequency ba		Auporg	Anbotek	Aupotek	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 0.0	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
nbote 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Aupolok
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
₹e ¹ 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

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	2024-01-23	2025-01-22
. 2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
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 nbor	N/A door	y Aupon	k Anbotek





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2. Antenna requirement

Test Requirement:

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

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is 3.77dBi. It complies with the standard requirement.





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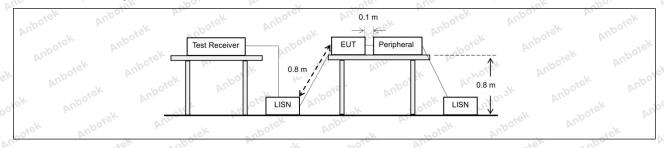
3. Conducted Emission at AC power line

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			
hotek Anboy	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	Anboies.	Ann			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from ur					

3.1. EUT Operation

Operating Envi	ronment:	Aupor	kii bojek	Aupole	Ann	upotek	Vupo.
Test mode:	1: TX mode modulation	1.	EUT in continu	uously transr	mitting mode w	ith GFSK	ok Anbo

3.2. Test Setup





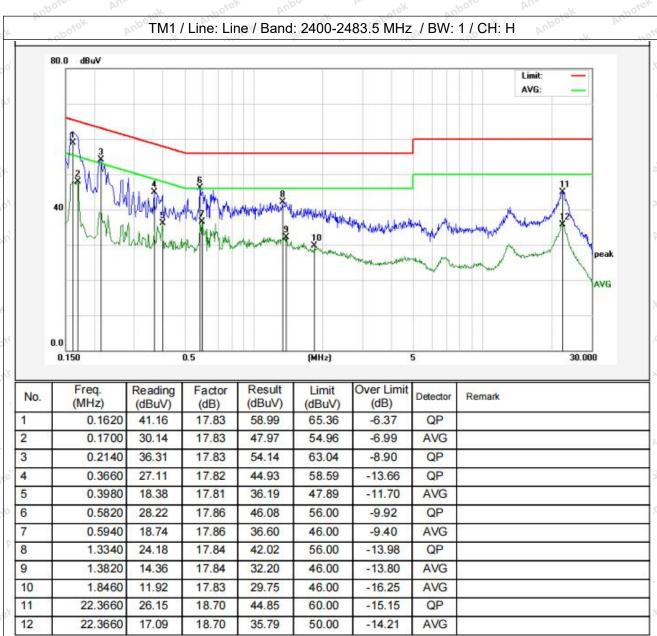
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3.3. Test Data

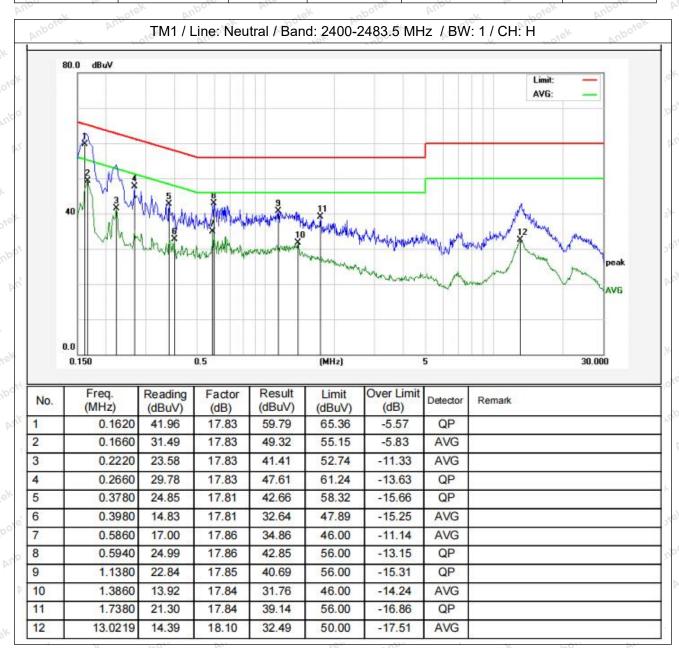
Temperature: 24.9 ° C	Humidity:	53 %	Atmospheric Pressure:	101 kPa
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Temperature: 24.9 ° C Humidity: 53 % Atmospheric Pressure: 101 kPa







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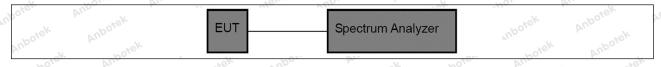
4. Occupied Bandwidth

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.
Anbotek Anbote	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.
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
	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.
ak Anbotek Anbo	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:	siek	Anbotek	Anbo.	k polek	Anbore	Aug
Test mode:	1: TX mode: I modulation.	Keep the	EUT in cor	ntinuously tr	ansmitting mod	de with GFSK	Anbote Anbote

4.2. Test Setup



4.3. Test Data

Temperature:	25.3° C	Humidity:	48 %	Atmospheric Pi	ressure: 101 kPa









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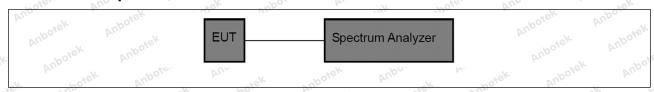
5. Maximum Conducted Output Power

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

5.1. EUT Operation

Operating Envi	ronment:	Anborek	Aupo.	botek	Anboies	Ans	k anbo
Test mode:	1: TX mode: modulation.	Keep the El	JT in continu	ously transm	nitting mode	with GFSK	otek Ar

5.2. Test Setup



5.3. Test Data

Tem	perature: 25.3°	° C Humidity	y: 48 %	Atmospheric Pressure:	101 kPa
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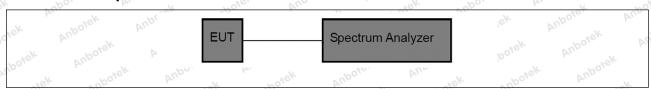
6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission

6.1. EUT Operation

Operating Envi	onment:	abotek	Anbore.	Arra	orek.	Anborek	Aupo.	ek abojek
Test mode:	1: TX mo modulat	. ~0,	p the EUT in	continu	ously t	ransmitting n	node with (GFSK Anbotek

6.2. Test Setup



6.3. Test Data

K	Temperature:	25.3° C	Humidity: 48 %	6 Anbe	Atmospheric Pressure:	101 kPa	<





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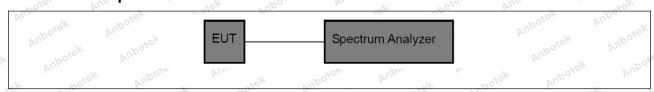
7. Emissions in non-restricted frequency bands

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

N	Operating Environment:		Anborek	Anbo	abotek	Anbore	Y VIII	otek	anbo
,0	Test mode:	1: TX mode: modulation.	Keep the El	JT in continu	ously transm	nitting mode	with GFSk	Kanbolek	Þ.

7.2. Test Setup



7.3. Test Data

71.	Temperature:	25.3°	Cups **	Humidity:	48 %	Atmospheric Pressure:	101 kPa





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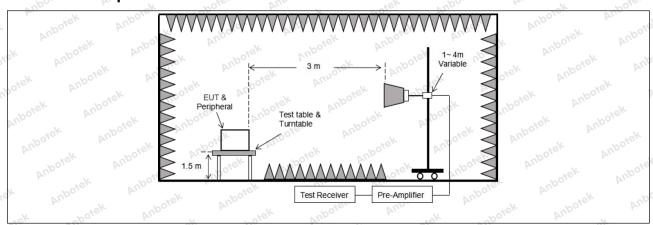
8. Band edge emissions (Radiated)

		10k	
Test Requirement:		, In addition, radiated emissions d in § 15.205(a), must also comp	
Anbore		ecified in § 15.209(a)(see § 15.2	
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 Mbor
abotek Anbo	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3,ek abore
	88-216	150 **	3
	216-960	200 **	3 boten And
	Above 960	500 horek Anbo	3 rek ab
nbotek Anbotek	frequency bands 54-72 MH However, operation within to sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-190 kHz, 110–490 kHz and a	ing under this section shall not be 1z, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. In the tighter limit applies at the being the above table are based on beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. ted under other pand edges. measurements quency bands 9– ssion limits in
too, by	ANSI C63.10-2020 section	6 10 Anbor Ar	ek vupoter
Test Method:	KDB 558074 D01 15.247 N		otek Anbotek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	notek Anbotek

8.1. EUT Operation

o'l	Operating Envir	onment:	Aupore.	Vu. Potek	Anbotek	Anbo	nboiek	An
7	Test mode:	1: TX mode: K modulation.	eep the EUT	in continuous	ly transmittin	ng mode with (GFSK MANAGEMENT	~

8.2. Test Setup





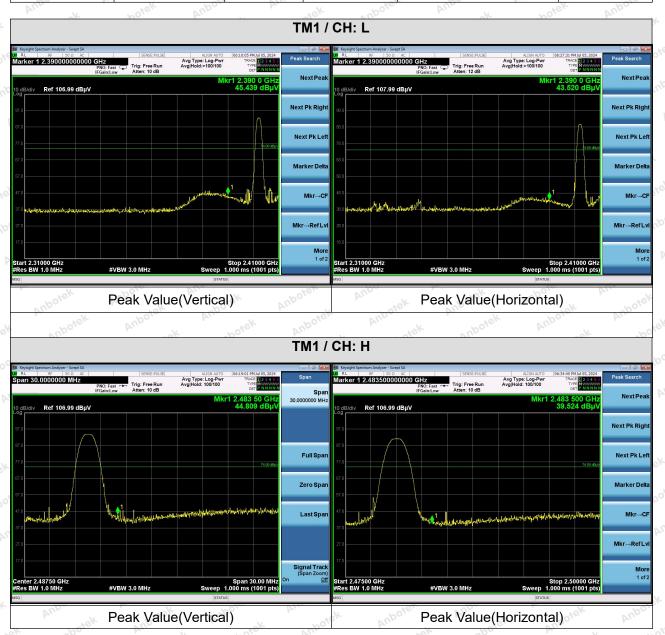




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8.3. Test Data

Temperature: 25.3° C Humidity: 48 % Atmospheric Pressure: 101 kPa



Remark: 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)

" Joseph Programme of the Programme of t	70, V	10 VD	10 MO1				
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)				
	0.009-0.490	2400/F(kHz)	300 Mboro				
abovek Anbo	0.490-1.705	24000/F(kHz)	30 Ste ^V				
	1.705-30.0	30°, kek	30				
	30-88	100 **	3,ek Anbore				
	88-216	150 **	3 , , ,				
	216-960	200 **	3 boter And				
	Above 960	500 More Andre	3 rek ho				
	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average						
Pole VII.	detector.	analek Anbore An	ak aboter				
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		otek Anbotek				
Procedure:	ANSI C63.10-2020 section	6.6.4 Notek Ambore Am	rek anboiek				
	by. 748/2	No.	**************************************				

9.1. EUT Operation

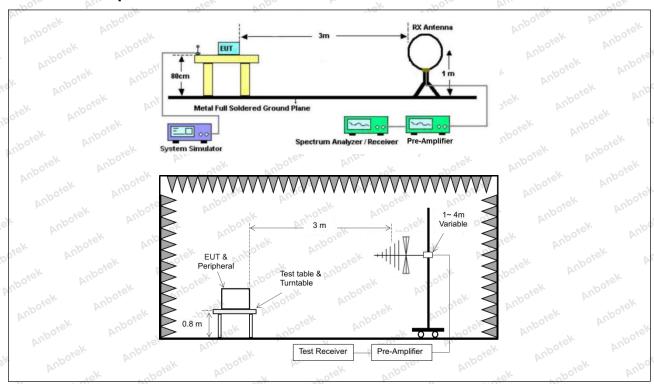
Operating	Environment:					abotek	Ank
Test mode	1: TX mode: K modulation.	eep the EUT in	continuously	r transmitting	g mode with G	FSK Anbotek	K





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9.2. Test Setup





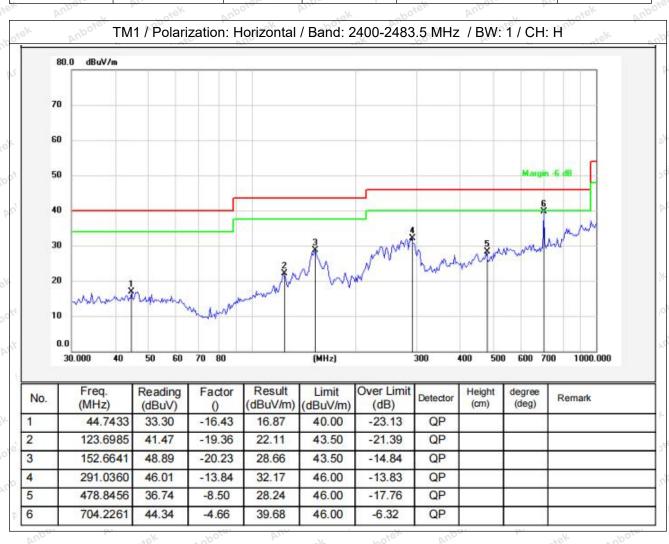


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9.3. Test Data

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

Temperature:	23.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa

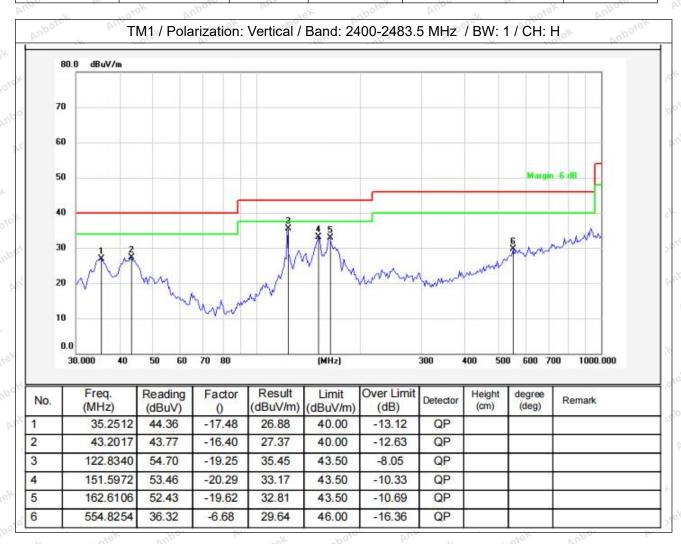






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Temperature: 23.2 °C Humidity: 52 % Atmospheric Pressure: 101 kPa







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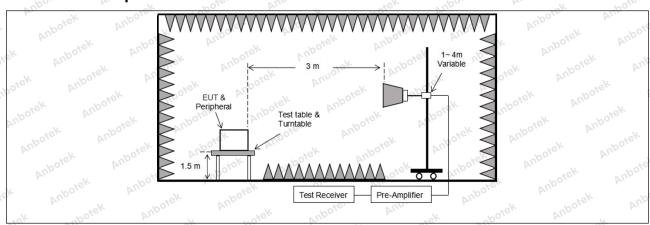
10. Emissions in frequency bands (above 1GHz)

700 N	POLE VILLE	- AGL VIDO	-k 5070
Test Requirement:	in § 15.205(a), must also co	ons which fall in the restricted ba omply with the radiated emission	
And And	in § 15.209(a)(see § 15.205	ō(c)).`	in sk shote
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
O. M. Siek	0.009-0.490	2400/F(kHz)	300 000
abotek Anbo	0.490-1.705	24000/F(kHz)	30 STONE
all abotek	1.705-30.0	30	30
Vupo, Vick	30-88	100 **	3,ek nbote
shorek Anbo	88-216	150 **	3
Arm rek abore	216-960	200 **	3 poten And
Yupo, Ai	Above 960	500 And	3 rek mb
Test Limit: of the Anti- nbotek Anti- Anti	intentional radiators operatifrequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-p 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissing under this section shall not be 2, 76-88 MHz, 174-216 MHz or these frequency bands is permitt § 15.231 and 15.241. 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	e located in the 470-806 MHz. ted under other pand edges. measurements uency bands 9—ssion limits in
Votek	ANSI C63.10-2020 section	6.6.4	sk Aupo,
Test Method:	KDB 558074 D01 15.247 M		otek Anbotek
Procedure:	ANSI C63.10-2020 section	6.6.4 Anbore An	otek Anbotek

10.1. EUT Operation

oʻ	Operating Environment:		Vupore.	Vu.,	Anboiek	Aupo	Sporek	PU
,c	Test mode:	1: TX mode: K modulation.	eep the EUT	in continuous	ly transmittir	ng mode with	GFSK	V

10.2. Test Setup









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10.3. Test Data

Temperature: 23.2 °C Humidity: 52 % Atmospheric Pressure	sure: 101 kl	Pa 🔣
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Vur ok	hotek Anb		atek anboti	Ans.	rk 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	29.07	15.27	44.34	74.00	-29.66	Vertical
7206.00	29.03	18.09	47.12	74.00	-26.88	Vertical
9608.00	30.09	23.76	53.85	74.00	-20.15	Vertical
12010.00	Aupole * A	iek .	abotek Anb	74.00	otek Anbote	Vertical
14412.00	"Upo*sk	Anbo	Polsk b	74.00	otek ont	Vertical Vertical
4804.00	28.69	15.27	43.96	74.00	-30.04	Horizontal
7206.00	29.78	18.09	47.87	74.00	-26.13	Horizontal
9608.00	28.38	23.76	52.14	74.00	-21.86	Horizontal
12010.00	otek * Vupo	-V	ick Aupote	74.00	s abotek	Horizontal
14412.00	notek* An	bose Vill	tek ab	74.00	ak hore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.34	15.27	32.61	54.00	-21.39	Vertical
7206.00	18.08	18.09	36.17	54.00	-17.83	Vertical
9608.00	19.56	23.76	43.32	54.00	-10.68	Vertical
12010.00	NO 1/2×	Aupote, Au	ek	54.00	- N	Vertical
14412.00	Ant *	opotek	Aupo.	54.00	ipole. And	Vertical
4804.00	17.02	15.27	32.29	54.00	-21.71	Horizontal
7206.00	18.81	18.09	36.90	54.00	-17.10	Horizontal
9608.00	17.89	23.76	41.65	54.00	-12.35	Horizontal
12010.00	rek *	otek Wipo.	N NO	54.00	YUB-	Horizontal
14412.00	4 ×	otek ant	Oto And	54.00	ek Aupo	Horizontal



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				hotek	Anbor	rek
			ГМ1 / СН: М			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.62	15.42	44.04	74.00	-29.96	Vertical
7320.00	29.00	18.02	47.02	74.00	-26.98	Vertical
9760.00	29.59	23.80	53.39	74.00	-20.61	Vertical
12200.00	ek * nbotek	Anbor	hotek	74.00	And	Vertical
14640.00	*	ick Aupole	Pun Vie	74.00	Vupo	Vertical
4880.00	28.50	15.42	43.92	74.00	-30.08	Horizontal
7320.00	29.65	18.02	47.67	74.00	-26.33	Horizontal
9760.00	28.10	23.80	51.90	74.00	-22.10	Horizontal
12200.00	* otek	Anboie	And	74.00	YUpo, ok	Horizontal
14640.00	PUT.	nbotek	Aupo.	74.00	Anboid	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	17.43	15.42	32.85	54.00	-21.15	Vertical
7320.00	17.94	18.02	35.96	54.00	-18.04	Vertical
9760.00	19.41	23.80	43.21	54.00	-10.79	Vertical
12200.00	k *upo,	All Siek	anbotek	54.00	boiek	Vertical
14640.00	otek * Anboti	And	ek abotek	54.00	Riv Lotek	Vertical
4880.00	17.13	15.42	32.55	54.00	-21.45	Horizontal
7320.00	19.16	18.02	37.18	54.00	-16.82	Horizontal
9760.00	18.19	23.80	41.99	54.00	12.01 And	Horizontal
12200.00	Anbotek	Aup. *ek	botek	54.00	wotek D	Horizontal
14640.00	* botek	Anbo	D. C. C.	54.00	And	Horizontal



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Arr.	- TEN	"Upo	- No.	hore	Dil.	Her
		•	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.75	15.58	44.33	74.00	-29.67	Vertical
7440.00	29.16	17.93	47.09	74.00	-26.91	Vertical
9920.00	30.29	23.83	54.12	74.00	-19.88	Vertical
12400.00	* Stell	anbotes	Vup.	74.00	Aupo,	Vertical
14880.00	* Vue	iek upotel	. Aupo,	74.00	Anbotet	Vertical
4960.00	28.64	15.58	44.22	74.00	-29.78	Horizontal
7440.00	29.86	17.93	47.79	74.00	-26.21	Horizontal
9920.00	28.48	23.83	52.31	74.00	-21.69	Horizontal
12400.00	Anb * *ek	abotek	Aupo	74.00	Anbotes Ant	Horizontal
14880.00	N/400x	Projek	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	18.55	15.58	34.13	54.00	-19.87	Vertical
7440.00	19.21	17.93	37.14	54.00	-16.86	Vertical
9920.00	20.06	23.83	43.89	54.00	-10.11	Vertical
12400.00	k * hotek	Anbo	Polek	54.00	And	Vertical
14880.00	* * *	sk Aupolo	Aug	54.00	Vupp	Vertical
4960.00	18.31	15.58	33.89	54.00	-20.11	Horizontal
7440.00	19.96	17.93	37.89 M	54.00	-16.11	Horizontal
9920.00	18.34	23.83	42.17	54.00	+11.83	Horizontal
12400.00	* hotek	Aupole	Ann	54.00	100. by	Horizontal
14880.00	Aux * * * * * * * * * * * * * * * * * * *	Spotek	Aupo	54.00	Aupore A	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.







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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 -----

