

Report No.: 18220WC40054701 FCC ID: 2BF4V-TZ8258-27A1 Page 1 of 30

FCC Test Report

Applicant

: Iton Technology Corp.

Address

Room 1302, Block A, Building 4, Tianan Cyber : Park, Huangge North Road, Longgang District, Shenzhen, China

Product Name : Zigbee module

Report Date : Apr. 28, 2024



Shenzhen Anbotek

Shenzhen Anbotek Compliance Laboratory Limited

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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TEST REPORT

Applicant	:	Iton Technology Corp.
Manufacturer	4	Iton Technology Corp.
Product Name	ore ^V	Zigbee module
Test Model No.	, n'o c	TZ8258-27A1
Reference Model No.	: P	TZ8258-27B1, TZ8656-27A1, TZ8656-27B1
Trade Mark	:	N/A tek Anbotek Anbotek Anbotek Anbotek
Rating(s)	:	Input: DC 3.3V
Test Standard(s)		47 CFR Part 15.247 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:

Date of Test:

Prepared By:

Mar. 26, 2024

Mar. 27, 2024 to Apr. 19, 2024

Ella Jang

(Ella Liang)

Idward par

(Edward Pan)

Approved & Authorized Signer:

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Revision History

Report Version	Description	Issued Date
Anbote R00 notek An	Original Issue.	Apr. 28, 2024
Anbor Anborek Anborek	Anbotek Anbotek Anbotek	Anboi Antotek Anbotek Anb
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1. General Information

1.1. Client Information

Applicant	:	Iton Technology Corp.
Address	:	Room 1302, Block A, Building 4,Tianan Cyber Park, Huangge North Road, Longgang District, Shenzhen, China
Manufacturer	:	Iton Technology Corp.
Address	:	Room 1302, Block A, Building 4,Tianan Cyber Park, Huangge North Road, Longgang District, Shenzhen, China
Factory	:	Iton Technology Corp.
Address	:	Room 1302, Block A, Building 4,Tianan Cyber Park, Huangge North Road, Longgang District, Shenzhen, China

1.2. Description of Device (EUT)

:	Zigbee module
:	TZ8258-27A1
:	TZ8258-27B1, TZ8656-27A1, TZ8656-27B1 (Note: All samples are the same except the model number, so we prepare "TZ8258-27A1" for test only.)
:	N/A Anbore Ann tootek Anborek Anborek Anborek Anborek An
:	DC 3.3V via Debug board
:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
:	N/Aotek Anborek Anborek Anborek Anborek Anborek
:	2405MHz to 2480MHz
:	16 Anbo tek unbotek Anbore Ant thotek Anborek
:	O-QPSK
:	Shrapnel Antenna
	2.26dBi

User's Manual

Shenzhen Anbotek Compliance Laboratory Limited

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1.3. Auxiliary Equipment Used During Test

Description	Rating(s)			
MacBook Air	Model: A1466 Input: 14.85V/3.05A CMIIT ID:C02HXB48DRVC	Anbotek	Anbotek	Antotek

1.4. Operation channel list

Operation Band:

Å	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
	Anoptek	2405	15 tek	2425	19 tek	2445	23	2465
y.	12, botek	2410	16 bote	2430	20	2450 o ^{nex}	24 ^{nb01}	2470
0	ek 13 Anto	2415	17 Db	o ^{re*} 2435 m ^{oor}	21	ote* 2455 pr/10°	25 Anbr	2475
	otek14 M	2420 M	18	2440	22	2460	26	2480

1.5. Description of Test Modes

Pretest Modes Descriptions		
TM1 Anborek	Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	

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

level using a coverage factor of k=2.

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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboten	AntPotek
Conducted Emission at AC power line	Anbotek Anbote	N
Occupied Bandwidth	Mode1	PAR
Maximum Conducted Output Power	Mode1	Prive Prive
Power Spectral Density	Mode1	Pk
Emissions in non-restricted frequency bands	Mode1	Anbor Potek
Band edge emissions (Radiated)	Mode1 Mode1	P
Emissions in frequency bands (below 1GHz)	Mode1	PAND
Emissions in frequency bands (above 1GHz)	Mode1	P An
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek A	Anbotek k

Anbote

Ank

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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

- 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.
- 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

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
10.2 ^{28K}	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
P3bot	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	iek / Anbotek	Anyoten
4 ^{A0}	EMI Test Receiver	Rohde & Schwarz	ote ^x ESPI3	100926	2023-10-12	2024-10-11

Emiss Occu	r Spectral Density sions in non-restricte pied Bandwidth num Conducted Out	botek Anbor	Anbotek Anbotek	Anbotek Anbotek	Anbor An Anborek	Anbotek Ant Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
An ^b 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	ooteKN/A An	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
Ano 4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
5	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
Jo.	abore And	V sotek	anbo	r	boto	Aun

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	edge emissions (Ra sions in frequency ba		Anbotek	Anbo.	Anbotek	Anbote.
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	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
nbc3ek	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
A400t	EMI Test Software EZ-EMC	SHURPLE	N/A	N/Asster	Agbor	Anbotek
5An	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
7.K	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emis	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
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Anbo 4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5	EMI Test Software EZ-EMC	SHURPLE	N/A Anbo	N/A M	potek / Anbote	tek Andrek

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2. Antenna requirement

	And sek abotek	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to	
	Anbore Ant	ensure that no antenna other than that furnished by the responsible party	
	Test Requirement:	shall be used with the device. The use of a permanently attached antenna or	
66	Anbo	of an antenna that uses a unique coupling to the intentional radiator shall be	
	otek unboten Ant	considered sufficient to comply with the provisions of this section.	
0	0. k. K		

2.1. Conclusion

The antenna is a Shrapnel Antenna which permanently attached, and the best case gain of the antenna is 2.26dBi. It complies with the standard requirement.

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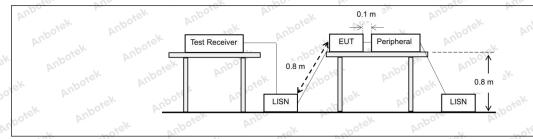
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 μ H/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie t exceed the limits in the f	nected to the at is conducted es, within the ollowing table, as			
and aboten	Frequency of emission (MHz)	Conducted limit (dBµV)	And And			
Anbo, And Alek	Anboter And ok ab	Quasi-peak	Average			
- botek Anbo	0.15-0.5 M	66 to 56*	56 to 46*			
Test Limit:	0.5-5	56	46			
Anbor Ar	5-30 porte Anti-	60 tel Anto	50			
stek Anbotek Anb	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	And tek anbotek	Anbor A			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unl		od for ac power-			

3.1. EUT Operation

Ĩ	Operating Env	ironment:			ek abote				
Test mode:	1: TX mode:	Keep the E	UT works i	n continuousl	ly transmittir	ng mode v	vith O-QPS	SK	
1	iest mode.	modulation.							

3.2. Test Setup



3.3. Test Data

Not applicable.

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botek Α **Product Safety**

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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 2405-2480 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 Anbotek Anbotek 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].
stek Anbotek Anb	 c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time.
Anbotek Anbotek	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
Procedure:	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.
botek Anbotek A	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
Anbotek Anbotek	functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW \ge 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function.
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

Test mode: 1: TX mode: Keep the EUT works in continuously transmitting mode with O-QPSK modulation.	Operating En	vironment:	ek Aupo,	A.	hotek	Anboten	Ano	Anbotek
	Test mode:		eep the EUT	works in	continuo	usly transmi	tting mode with	O-QPSK

4.2. Test Setup

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Jotek Anboter		EUT	Spectrum A	nalyzer		
4.3. Test Dat	tootek A	Anboiter Anbo	hek Anboten	Anbotek Anbotek	Anbotek	Anbore ak Anb
Temperature:	25.5 °C	Humidity:	47 %	Atmospheric F	Pressure:	101 kPa
Please Refer to	Appendix f	or Details.	Anbotek A			
		aboratory Limited				D.1.

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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Anborek Anborek Anborek Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2405-2480 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:	And otek	Anbotek	Anbois	A. botek	Anboren An	100
Test mode:	1: TX mode: I modulation.	Keep the EUT	works in co	ntinuously tra	ansmitting mod	le with O-QPSK	Þ
5.2. Test Set	up Anbo.	tek nbot	sk Anbot	e. Ant	otek Anbot	ek Anbo	

5.2. Test Setup

EUT		ctrum Ana	alyzer
-	 	h.,	

5.3. Test Data

Tomporatura	25 5 %	Humiditu	17 0/000		Atmoonhorio Dr	and trai	101 kDo
Temperature.	25.5 C		47 %	-dyek	Aumospheric Pr	essure:	тоткра

Please Refer to Appendix for Details.

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6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit: Dotek	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 En	vironment:	hotek	Anbore	Anthotek	Anbotek	Anbo
Test mode:	1: TX mode: Kee	p the EUT work	s in continu	ously transmittin	ig mode wit	h O-QPSK
100	modulation.			ek abo		

6.2. Test Setup

,o ^x	ek.	Anboren	And	EUT	Spect	rum Analyz	zer	je
Þų			h.,	×6K	An	, ,	hotek	

6.3. Test Data

Temperature: 25.5 °C Humidity: 47 % Atmospheric Pressure: 101 kPa	Temperature: 25.5 °C. Humidity: 47.% Atmospheric Pressure: 101 kPa
---	--

Please Refer to Appendix for Details.

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Anb

7. Emissions in non-restricted frequency bands

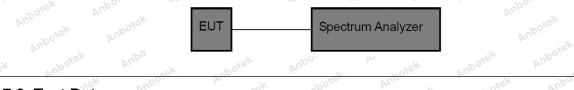
Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anborek Anborek Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio 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

Operating Envir	ronment:	And	nbotek	Anbo	<i>K b</i>	botek	Anbote	p.r
Test mode:	1: TX mode: K	eep the EUT	works in c	ontinuously	transmi	tting mod	e with O-Q	PSK
lest mode.	modulation.							

Anbc

7.2. Test Setup



7.3. Test Data

Temperature:	25.5 °C	hotek	Humidity:	47 %	dek	Atmospheric Pr	essure:	101 kPa

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 § 15.20	ly with the
otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
nboten And	0.009-0.490	2400/F(kHz)	300
hotek Anbore	0.490-1.705	24000/F(kHz)	30
And k botek	1.705-30.0	30 poter And	30 ^K Anbor
Anborer And	30-88	100 **	3
h anbore	88-216	150 **	3 bore Ann
And	216-960	200 ** And And	3 Jotek Anb
Test Limit:	Above 960	500 Not and a set	3 Ant
nbotek Anbe r Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbotek botek Anbotek Anb	frequency 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- 90 kHz, 110–490 kHz and a	ing under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emised on measurements employing	470-806 MHz. ed under other and edges. measurements uency bands 9– sion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		potek Anbotek
Procedure:	ANSI C63.10-2020 section	An Fronte	at abo

8.1. EUT Operation

Operating Envi	ronment:							
Test mode:	1: TX mode:	Keep the EUT	works in cor	ntinuously tr	ansmitti	ng mode	with O-QF	PSK
Test mode.	modulation.	otek unbor	Ann	. As	botek	Anbo	r.	Net

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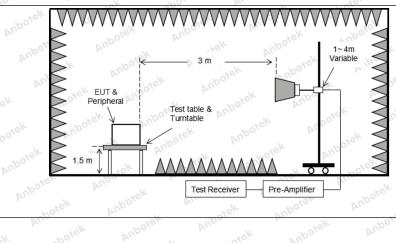




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8.2. Test Setup

PUp,



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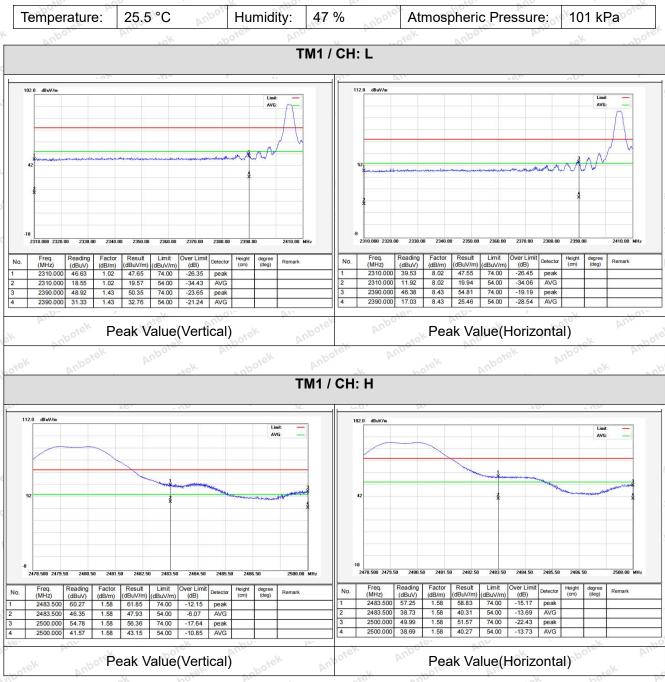
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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8.3. Test Data



Remark:

1. 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)

Procedure:	ANSI C63.10-2020 section	6.6.4 (100)	Anboten Anb
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Jotek Anborek
botek Anboten	these three bands are base detector.	ed on measurements employing	an average
		above 1000 MHz. Radiated emis	
		in the above table are based on peak detector except for the freq	
		e, the tighter limit applies at the b	and edges.
Anbor Antotek	However, operation within sections of this part, e.g., §	these frequency bands is permitt	ed under other
hboten Anbotek		ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or 4	
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi	ons from
	216-960 Above 960	200 **	3 Andrek Andre
	88-216	150 **	3 bote Ane
abotek Anbo	30-88	100 **	3
	1.705-30.0	30	30
	0.009-0.490	2400/F(kHz) 24000/F(kHz)	300 30
otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
K Anbotek Anbo	radiated emission limits sp	ecified in § 15.209(a)(see § 15.2	05(c)).`
Test Requirement:		, In addition, radiated emissions d in § 15.205(a), must also comp	

9.1. EUT Operation

Operating Envi	onment:				nbotek		
Test mode:	1: TX mode:	Keep the EU	T works in co	ontinuously tran	smitting mode	e with O-QPSk	<
lest mode.	modulation.	otek unbo	Ant	Yode Hay	anbo Anbo	h' ate	3/4

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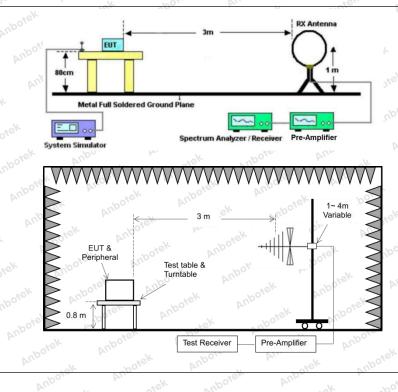




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9.2. Test Setup



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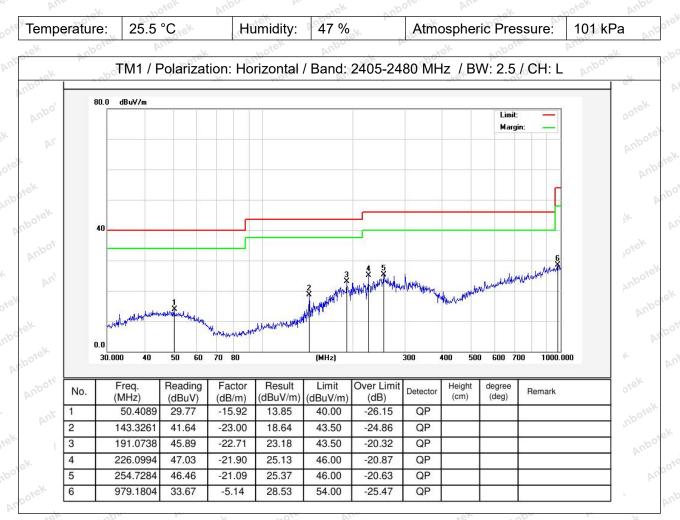




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9.3. Test Data

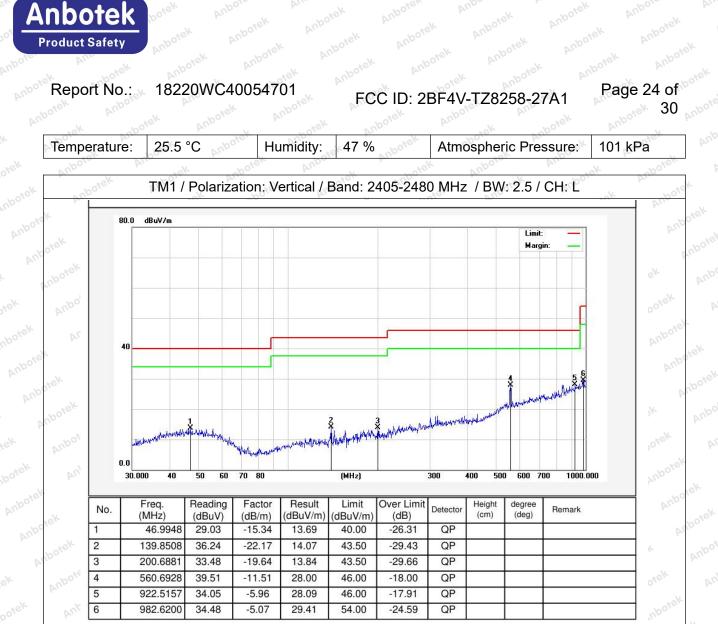
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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10. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted ba omply with the radiated emission 5(c)) `	
otek Anborek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anboten Anbo	0.009-0.490	2400/F(kHz) 24000/F(kHz)	300
Anbois Annotek	1.705-30.0 30-88	30 100 **	30 Anbore
Anbo Anbotek Anbote	88-216 216-960	150 ** 200 **	3
ntek Anbotek Anb	Above 960	500	3 Antonia
Test Limit: hpotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat frequency 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- 90 kHz, 110–490 kHz and a	e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emis	e located in the 470-806 MHz. ted under other pand edges. measurements uency bands 9– ssion limits in
hotek Anbo' A	detector.	ed on measurements employing	an average
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		
Procedure:	ANSI C63.10-2020 section	6.6.4 mbore And	Anbotek Anbo

10.1. EUT Operation

Operating Env	ronment:				abotek		
Test mode:	1: TX mode: k	Keep the EUT w	orks in cont	tinuously transr	nitting mode	with O-QPSK	
Test mode. And	modulation.	rek anbore	Ann	et boter	Anbo	r otel	6

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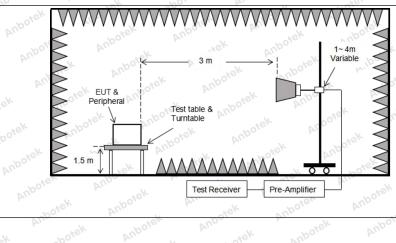
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10.2. Test Setup

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10.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric	Pressure:	101 kPa
Anbor	Yes.	aboten Ant	<u> </u>	otek Anbor	bu.	ek abot
			TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarizatior
4810.00	28.10	15.27	43.37	74.00	-30.63	Vertical
7215.00	29.66	18.09	47.75	74.00	-26.25	Vertical
9620.00	30.60	23.76	54.36	74.00		Vertical
12025.00	abottek	Aupor	-otek p	74.00	ek a	o [,] √ Vertical √
14430.00	Ar. * tek	Anboten	Ann	74.00	who. A.	Vertical
4810.00	28.57	15.27	43.84	74.00	-30.16	Horizontal
7215.00	29.89	18.09	47.98	74.00	-26.02	Horizontal
9620.00	29.18	23.76	52.94	74.00	-21.06	Horizontal
12025.00	wotek*	poten Anbo	of you	74.00	p.i.	Horizontal
14430.00	And *	abotek Al	100. K.	74.00	And And	Horizontal
Average value:	:					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4810.00	17.48 http://www.	15.27	32.75	54.00	-21.25	Vertical
7215.00	18.69	18.09	36.78	54.00	-17.22	Vertical
9620.00	19.62	23.76	43.38	54.00	-10.62	Vertical
12025.00	Anbo *	wotek	Anbore An	54.00	botek Aup	Vertical

32.19

37.04

42.25

ek Anbotek Anbotek

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P.U/A

16.92

18.95

18.49

*

*

15.27

18.09

23.76

14430.00

4810.00

7215.00

9620.00

12025.00

14430.00

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-21.81

-16.96

-11.75



Vertical

Horizontal

Horizontal

Horizontal

Horizontal

Horizontal

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TM1 / CH: M

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.12	15.42	43.54	74.00	-30.46	Vertical
7323.00	29.51	18.02	47.53	74.00	-26.47	Vertical
9764.00	29.61	23.80	53.41	74.00	-20.59	Vertical
12205.00	* Pro-	tek Anbotet	Anbo	74.00	Anbore	Vertical
14646.00	ooter * Aup	ek ab	tek Anbor	74.00	k Anboter	Vertical
4882.00	28.27	15.42	43.69	74.00	-30.31	Horizontal
7323.00	29.88	18.02	47.90	74.00	-26.10	Horizontal
9764.00	28.88	23.80	52.68	74.00	-21.32	Horizontal
12205.00	AQ ⁰	abotek	Anbore	74.00	anboten	Horizontal
14646.00	*Anbors	Annatek	Anboren	74.00	botek	Horizontal

Average value:

Freque (MHz	-	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.	00	17.21	15.42	32.63	54.00	-21.37	Vertical
7323.	00 dek	18.79	18.02	36.81	54.00	-17.19	Vertical
9764.	00 00	19.48	23.80	43.28	54.00	-10.72	Vertical
12205	.00	tek * nbot	sk Aupo	ok botek	54.00	Ant	Vertical
14646	⁰ n4 00.	*	otek Anbot	Ant	54.00	Anbo	Vertical
4882.	00	16.83	15.42	32.25 M	54.00	-21.75	Horizontal
7323.	00	18.51	18.02	36.53	54.00	17.47	Horizontal
9764.	00 ex	19.00	23.80	42.80	54.00	-11.20	Horizontal
o ^{ven} 12205	.00	* botek	Anbore	Annotek	54.00	Anbo	Horizontal
14646	.00\00\	*n. de	K Anbotek	Anbo	54.00	Anbore	Horizontal

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		٦	ГM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.39	15.58	43.97	74.00	-30.03	ov ^e Vertical voo
7440.00	29.52	17.93	47.45	74.00	-26.55	Vertical
9920.00	30.16	23.83	53.99	74.00	-20.01	Vertical
12400.00	er * Aupo	at sotel	Anboro	74.00	Anboter	Vertical
14880.00	ootek * Anbo	PIL.	tek Anbore	74.00	k spotek	Vertical
4960.00	28.34	15.58 And	43.92	74.00	-30.08	Horizontal
7440.00	29.91	17.93	47.84	74.00	-26.16	Horizontal
9920.00	29.56	23.83	53.39	74.00	-20.61	Horizontal
12400.00	Artorer	Am	Anbotek	74.00	abotek	Horizontal
14880.00	* * Anbotek	AUP	abotek	74.00	Air	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.33	15.58	33.91	54.00	-20.09	Vertical
7440.00	19.80	17.93	37.73	54.00	-16.27	Vertical
9920.00	20.03	23.83	43.86	54.00	-10.14	Vertical
12400.00	*	anboter	Anbe	54.00	Anbore	Vertical
14880.00	oter * Ano	ek spot	ek Anbor	54.00	Anboten	Vertical
4960.00	18.27	15.58	33.85 M ⁰⁰	54.00	-20.15	Horizontal
7440.00	19.88	17.93	37.81	54.00 M	-16.19	Horizontal
9920.00	18.90	23.83	42.73	54.00	-11.27 AM	Horizontal
12400.00	Pup.	abotek	Anbor	54.00	Anboten A	Horizontal
14880.00	¥upor.	k hotek	Anboten	54.00	abotek	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.

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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 ---

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