

FCC Test Report

Applicant : Shenzhen Kingstar Industrial Co., Ltd.

Address

Room 211, Min Le technology Building Meiban Road, LongHua District, Shenzhen, China.

Product Name : Gaming Speaker

Report Date : Oct. 27, 2023



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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FCC ID: 2AO47-S501B

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Anbotek Product Safety

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	TEST RE	PORT	k Anbotek
Applicant	: Shenzhen Kingstar Industria	I Co., Ltd.	
Manufacturer	: Shenzhen Kingstar Industria	I Co., Ltd.	
Product Name	: Gaming Speaker		
Test Model No.	: MI-S501B		
Reference Model N	o. : N/A Andreak Andr		
Trade Mark	tek : N/A tek Anu hotek A		
Rating(s)	: Input: 5V1A		
Test Standard(s)	: 47 CFR Part 15.247		

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt:

Sept. 21, 2023

Date of Test:

Sept. 21, 2023 to Oct. 08, 2023

Stella Zhu

(Stella Zhu)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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Prepared By:



Revision History

Report Ve	rsion		Description		Issued Date			
R00	abotek Ant	otek f	Original Issue.	Inbotek	Anbote	Oct. 27,	2023	Anboter
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Anbc

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1. General Information

1.1. Client Information

Applicant	:	Shenzhen Kingstar Industrial Co., Ltd.
Address	:	Room 211, Min Le technology Building Meiban Road, LongHua District, Shenzhen, China.
Manufacturer	:	Shenzhen Kingstar Industrial Co., Ltd.
Address	:	Room 211, Min Le technology Building Meiban Road, LongHua District, Shenzhen, China.
Factory	:	Shenzhen Kingstar Industrial Co., Ltd.
Address	:	Room 211, Min Le technology Building Meiban Road, LongHua District, Shenzhen, China.

1.2. Description of Device (EUT)

Product Name	:	Gaming Speaker
Test Model No.	:	MI-S501B
Reference Model No.	:	N/A botek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	N/A hotek Anbotek Anbotek Anbotek Anbotek Anbote An
Test Power Supply	:	AC 120V, 60Hz for adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A tek potek Anboren Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	-0.58 dBi hotek Anborek Anborek Anborek Anborek
		ation are provided by customer. eatures 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.
HUAWEI Mobile	HUAWEI	JAT-AL00	TMENW19925001206
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J

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1.4. Description of Test Modes

Pretest Modes	Descriptions			
Anborek TM1nboren Ar	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.			
Anbole TM2 Anbo	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.			
otek Anbole And Anbolek	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.			
TM4.ek Anbot	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.			
Anboutek TM5 potek An	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.			
Anbotek TM6 Anbotek	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.			

1.5. Measurement Uncertainty

Parameter	Uncertainty				
Conducted emissions (AMN 150kHz~30MHz)	3.4dBorek Anborek Anborek Anborek				
Occupied Bandwidth	925Hz				
Conducted Output Power	0.76dB				
Conducted Spurious Emission	1.24dB				
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB				
Radiated emissions (Below 30MHz)	3.53dB				
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB				
The measurement uncertainty and decision risk e This uncertainty represents an expanded uncerta confidence level using a coverage factor of k=2.					

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1.6. Test Summary

Test Modes	Status
An abotek / Anboten	P
Mode1,2,3	PAND
Mode1,2,3	P
Mode1,2,3	nbot P.
Mode4,5,6	Anbon P
Mode4,5,6	P٩
Mode4,5,6	Punbe
Mode1,2,3,4,5,6	P Ar
Mode1,2,3	^{bote} P
Mode1,2,3	AnborP
Mode1,2,3	P.A
	/ Mode1,2,3 Mode1,2,3 Mode1,2,3 Mode4,5,6 Mode4,5,6 Mode4,5,6 Mode1,2,3,4,5,6 Mode1,2,3 Mode1,2,3

N: N/A, not applicable

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1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.:184111

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. 184111.

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.518128

1.8. 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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1.9. Test Equipment List

Conducted Emission at AC power line

00	, pri	note. Ano	.0	4	p. v	in Oter
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
× 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2022-10-23	2023-10-22
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	2022-10-13	2023-10-12
4	Software Name EZ-EMC	Farad Technology	ANB-03A	rek N/A Anbo	rek /Anborek	ek Anboi
	- 00°	Put v	der DUD.		et abor	b., .

Occupied Bandwidth Maximum Conducted Output Power Channel Separation Number of Hopping Frequencies Dwell Time Emissions in non-restricted frequency bands

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	MXG RF Vector Signal Generator	Agilent	N5182A	MY481806 56	2022-10-13	2023-10-12
2	Power Meter	Agilent	N1914A	MY500011 02	2022-10-26	2023-10-25
3	DC Power Supply	IVYTECH	IV3605	1804D360 510	2022-10-22	2023-10-21
Anbo 4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
5	Oscilloscope	Tektronix	MDO3012	C020298	2022-10-19	2023-10-18

	edge emissions (Ra sions in frequency ba		Anbotek	Anboten	Anbotek	Anbotek Anb
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Anbo	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2022-10-23	2023-10-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2022-10-13	2023-10-12
× 3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
o [.] °4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anboren P	Nobotek A
nb5tek	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2022-10-23	2023-10-22
6 ⁶⁰⁰	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
7 20	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

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Emis	sions in frequency ba	ands (below 1GHz)	Anbort	An-botek	Anboten	Anbe
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2022-10-23	2023-10-22
2	Pre-amplifier	SONOMA	oote ^k 310N Anto	186860	2022-10-23	2023-10-22
_{) (} 0/3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
nb 4ek	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anboten	Ano

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2. Antenna requirement

hotek Anbo	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
And k sotek	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
An. stek anbot	of an antenna that uses a unique coupling to the intentional radiator shall be
K Anbo, An	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 -0.58 dBi . It complies with the standard requirement.

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3. Conducted Emission at AC power line

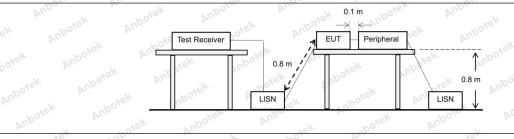
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that by frequency or frequencies t exceed the limits in the for	nected to the at is conducted s, within the ollowing table, as		
botek Anbor	Frequency of emission (MHz)	Conducted limit (dBµV)	A solet		
	Anbo k sotek Anbore	Quasi-peak	Average		
Anbor An.	0.15-0.5	66 to 56*	56 to 46*		
Test Limit:	0.5-5 det moore Mile	56	46		
	5-30	60 MM	50 ren And		
Anbore Ar	*Decreases with the logarithm of the frequency.				
Test Method:	ANSI C63.10-2020 section 6.2	and anbore.	Ancotek		
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un				

3.1. EUT Operation

Operating Environment:

1000	
part of	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
tek nbote	hopping) with GFSK modulation.
Test mode	2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode
Test mode:	(non-hopping) with $\pi/4$ DQPSK modulation.
ek ab	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Anbor	hopping) with 8DPSK modulation.

3.2. Test Setup



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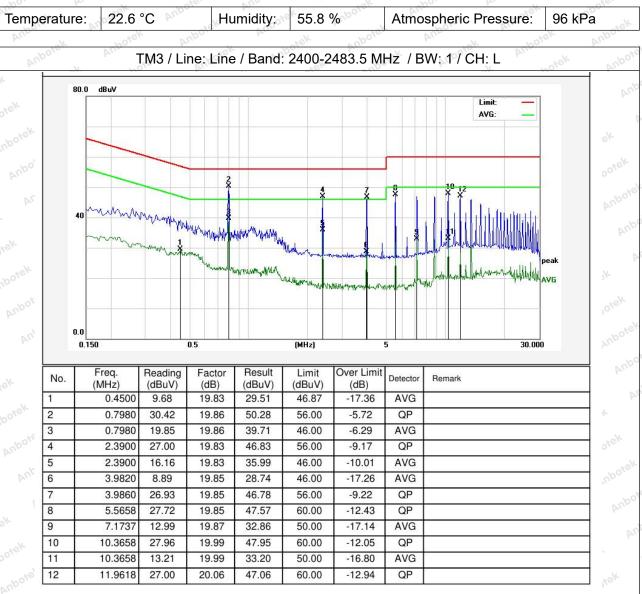
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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3.3. Test Data

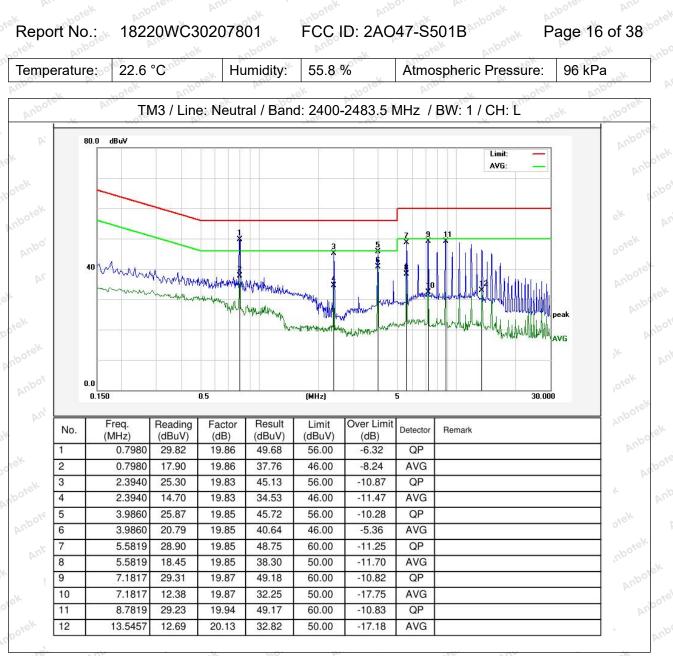


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Note:Only record the worst data in the report.

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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.215(c)
Test Limit:	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.
Test Method:	ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurements, use the procedure in 6.9.3. Frequency hopping shall be disabled for this test.
Anborek Anborek Anborek	The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth: a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal
tek Anbotek Anbo nbotek Anbotek A Anbotek Anbotek	from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2. d) Step a) through step c) might require iteration to adjust within the
Procedure:	 specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and
potek Anbotek Ar Anbotek Anbotek	report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are
Anboitek Anbotek Anbotek Anbotek Anbotek	placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing spectral plot(s) of
potek Anbotek An Anbotek Anbotek	the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

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18220WC30207801 Report No .:

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4.1. EUT Operation

And	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
Test mode:	 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
0. W.	hopping) with 8DPSK modulation.

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4.2. Test Setup

		EUT		Spectrur	n Analyzer	
		An		potek	Anbu.	<i>b.</i> ,
Data	Anbotek	Anbor	otek	Anbotek	Anboten	k Vi

4.3. Test Data

Temperature: 2	25.3 °C	Humidity:	48.6 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.

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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: ex	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
Test Method:	ANSI C63.10-2020, section 7.8.5
Anbotek Anbotek Anbotek Anbotek Anbotek	This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer settings:
And Anbotek Ant	 a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured.
Anbotek Anbotek	 c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
Procedure:	f) Trace: Max-hold. g) Allow trace to stabilize.
	\vec{h}) Use the marker-to-peak function to set the marker to the peak of the emission.
	i) The indicated level is the peak output power, after any corrections for external attenuators and cables.
	j) A spectral plot of the test results and setup description shall be included in the test report.
	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum
Ant otek anb	analyzer.

5.1. EUT Operation

Operating Envir	ronment:					
Test mode:	1: TX-GFSK (Nor hopping) with GF 2: TX-π/4-DQPS (non-hopping) wi 3: TX-8DPSK (No hopping) with 8D	SK modulation. K (Non-Hopping h π/4 DQPSK n on-Hopping): Ke): Keep the I nodulation. ep the EUT	EUT in continu	iously trans	mitting mode

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5.2. Test Setup

Anbotek		EUT	Spect	rum Analyzer	P.		Anbotek	
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			10.					

5.3. Test Data

Temperature:	25.3 °C	eK	Humidity:	48.6 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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Anbotek Product Safety

Report No.: 18220WC30207801

FCC ID: 2AO47-S501B

6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit:	Refer to 47 CFR 15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
Test Method:	ANSI C63.10-2020, section 7.8.2
Procedure:	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: Wide enough to capture the peaks of two adjacent channels. b) RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel. c) Video (or average) bandwidth (VBW) ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate
Anbotek Anbotek	regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.

6.1. EUT Operation

Operating Envi	onmentek Anborek Anborek Anborek Anborek Anborek Anborek
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

6.2. Test Setup

ntek ntotek	Anbore Ant	EUT	ti. tat	Spectrum Ana	alyzer	otek Ar	botek Anb
nbot		hotek	Anbor	Alt	anboten		Andhotek
6.3	. Test Data	Ambotek	Anboten	Anbo	Anbotek	Anborek	Anbotek

Temperature:	25.3 °C	Humidity:	48.6 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.3
Procedure:	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen. b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. It might prove necessary to break the span up into subranges to show clearly
Anbotek Anbotek	all of the hopping frequencies. Compliance of an EUT with the appropriate regulatory limit shall be determined for the number of hopping channels. A spectral plot of the data shall be included in the test report.

7.1. EUT Operation

Operating Envir	ronment:
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

7.2. Test Setup

c/	potek	Anbotek A	EUT .		Spectrum Ana	alyzer	otek Ar	Anbotek An
	Anbor	Anbotek	Ano	-botek	Anbor	A'''	Anbotek	Anboten
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7.3. Test Data

Temperature:	25.3 °C	Humidity:	48.6 %	VUp.	Atmosp	heric F	Pressure:	101 kPa	711-
Please Refer to	Appendix for E	Details.	-otek	2	upo.	b.	×e×-	abotet	VU,

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8. Dwell Time

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Test Requirement:	47 CFR 15.247(a)(1)(iii)	And	botek	Anbois	An
Test Limit:	Refer to 47 CFR 2483.5 MHz band occupancy on any period of 0.4 seco employed. Freque transmissions on 15 channels are u	l shall use y channel s onds multip ency hoppin a particula	at least 15 o shall not be lied by the r ng systems	channels. Th greater thar number of h may avoid o	ne average ti n 0.4 seconds opping chan or suppress	me of s within a nels
Test Method:	ANSI C63.10-202	0, section	7.8.4	Anbotek	Anbor	An
ek Anbotek Anb	The dwell time per transmission to the a single transmiss transmission. If the dwell time is mean the last transmiss The time of occup over an observation determine the time measure both the transmits on a spectral The EUT shall has	e end of the sion per ho be device he sured from ion. bancy is the on period s e of occupa dwell time ecific chant	e last trans p then the c as a multipl the start of the start of the start of the start of pecified in t ancy the sp per hop an nel in a give	mission for t dwell time is e transmissi the first tran that the devi the regulato ectrum anal d the numb en period.	that hop. If the the duration ions per hop nsmission to ice dwells on ry requireme yzer will be o er of times th	e device has of that then the the end of a channel nt. To configured to e device
Procedure:	requirements sha number of channe the number of chan based on the min dwell times per ch for 1, 3 or 5 times dwell time with the	II be made els enabled annels thar imum numl nannel (exa slots) then	with the min I. If the dwe In compliance ber of chann ample Bluete measureme	nimum and Il time per c e with the re nels. If the d ooth devices ents can be	with the max hannel does equirements levice suppo s can dwell o	imum not vary with may be ts different n a channel
	stek unboten		de He			
	Use the following hop:	spectrum a	analyzer set	ttings to det	ermine the d	well time per
Ant Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek otek Anbotek Anbotek notek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 a) Span: Zero spatial b) RBW shall be sightly shall be sightly longer c) Sweep time: Selast transmission be slightly longer 1/hopping rate) slightly longer at video trig the transmission is to reduce the chain channel. e) Detector function f) Trace: Clear-wr g) Place markers 	≤ channel s e T is the e et so that th for the hop than the ho nould achie gger, where is clearly of nce of trigg on: Peak. ite, single s	spacing and expected transferred transfere	where poss nsmission ti he first trans captured. S od per chann vith a trigger he trigger lev the system	sible RBW sh me per hop. mission and setting the sw hel (hopping delay, so that rel might nee hops on an	end of the reep time to period = at the start of d adjustment adjacent
K Anbotek Anbot	V -	ite, single s at the start	of the first			

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two markers.

To determine the number of hops on a channel in the regulatory observation period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep time.

The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel divided by the spectrum analyzer sweep time multiplied by the regulatory observation period. For example, if three hops are counted with an analyzer sweep time of 500 ms and the regulatory observation period is 10 s, then the number of hops in that ten seconds is 3 / 0.5 × 10, or 60 hops.

The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

8.1. EUT Operation

Operating Environment:

tek Anbotek	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
Test mode:	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

8.2. Test Setup

	EUT	Spectrum	Analyzer	
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8.3. Test Data

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Temperature:	25.3 °C	Ans	Humidity:	48.6 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek 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 7.8.7
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	7.8.7.1 General considerations To demonstrate compliance with the relative out-of-band emissions requirements conducted spurious emissions shall be measured for the transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers. Frequency hopping shall be disabled for this test with the exception of measurements at the allocated band-edges which shall be repeated with hopping enabled.
tek Anbore Ann Ibotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.
ek nbotek Anbo	The limit is based on the highest in-band level across all channels measured
Procedure:	using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the
Anbotek Anbotek	highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.
ek Anbore. Ant	When conducted measurements cannot be made (for example a device with
ootek Anbotek An Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek K Anbotek Anbotek	integrated, non-removable antenna) radiated measurements shall be used. The reference level for determining the limit shall be established by maximizing the field strength from the highest power channel and measuring using the resolution and video bandwidth settings and peak detector as described above. The field strength limit for spurious emissions outside of restricted-bands shall then be set at the required offset (typically 20 dB) below the highest in-band level. Radiated measurements will follow the standards measurement procedures described in Clause 6 with the exception that the resolution bandwidth shall be 100 kHz, video bandwidth
otek Anbore An	

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300 kHz, and a coupled sweep time with a peak detector. Note that use of wider measurement bandwidths are acceptable for measuring the spurious emissions provided that the peak detector is used and that the measured value of spurious emissions are compared to the highest in-band level measured with the 100 kHz / 300 kHz bandwidth settings to determine compliance.

7.8.7.2 Band-edges

Compliance with a relative limit at the band-edges (e.g., -20 dBc) shall be made on the lowest and on the highest channels with frequency hopping disabled and repeated with frequency hopping enabled. For the latter test the hopping sequence shall include the lowest and highest channels.

For measurements with the hopping disabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of the allocated band-edge.

For measurements with the hopping enabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of both of the allocated band-edges. This could require separate spectral plots for each band-edge.

9.1. EUT Operation

Operating Envir	onment:
oten Anbou	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
botek Anbo.	hopping) with GFSK modulation.
and anotek Anbr	2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.
An-	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non- hopping) with 8DPSK modulation.
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
anboten k	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode
nbotek Anboten	(hopping) with $\pi/4$ DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

9.2. Test Setup

4 otel		Anbot	EUT	Spectrum	Analyzer		botek Anbot
nb	9.3. Test Data	a Anborek	Anbotek ak Anbotek	Anborek	Anbotek	Anbotek Anbotek	Anbotok F
P	Temperature:	25.3 °C	Humidity:	48.6 %	Atmospheri	c Pressure:	101 kPa

Please Refer to Appendix for Details.

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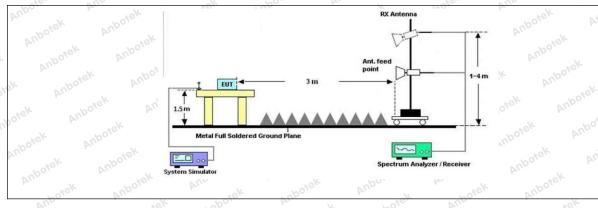
10. Band edge emissions (Radiated)

Frequency (MHz)Field strength (microvolts/meter)Measurement distance (meters)0.009-0.4902400/F(kHz)3000.490-1.70524000/F(kHz)301.705-30.0303030-88100 **388-216150 **3216-960200 **3Above 9605003** 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., 25 45 024 end 45 024	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
Image: Non-Structure0.490-1.70524000/F(kHz)301.705-30.030303030-88100 **388-216150 **3216-960200 **3Above 9605003** 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.,	k Anbotek Anbot	Frequency (MHz)		distance
Test Limit:1.705-30.0303030-88100 **388-216150 **3216-960200 **3Above 9605003** 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.,	o. A. otek	0.009-0.490	2400/F(kHz)	300 Moore
30-88100 **388-216150 **3216-960200 **3Above 9605003** 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.,	aboten Anbo	0.490-1.705	24000/F(kHz)	30 Jotek
Test Limit:88-216150 **3216-960200 **3Above 9605003** 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.,	All atek Anboren	1.705-30.0		30 And
Test Limit: 216-960 200 ** 3 Above 960 500 3 ** 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.,	Anbo	30-88		3 et noore
210-900 200 3 Above 960 500 3 ** 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.,	T. Hoten Anbe	88-216	150 ** Notes A	3
** 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.,	Test Limit:	216-960	200 **	3 boten And
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.,	Anbor	Above 960	500 hotek Anbo	3 dek onb
98 15.231 and 15.241.	otek Anbotek Anto nbotek Anbotek A Anbotek Anbotek Anbotek	intentional radiators operati frequency bands 54-72 MH However, operation within t	ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or	e located in the 470-806 MHz.
Test Method: ANSI C63.10-2020 section 6.10	Test Method:	ANSI C63.10-2020 section	6.10 Anbor Att spotek	Anbore, Anb
Procedure: ANSI C63.10-2020 section 6.10.5.2	Procedure:	ANSI C63.10-2020 section	6.10.5.2	Anboten Anb

10.1. EUT Operation

Operating Env	(ironment: And a hotek And A
Test mode:	 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

10.2. Test Setup



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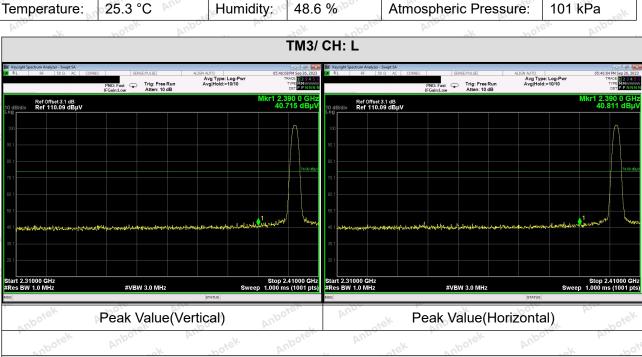
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com



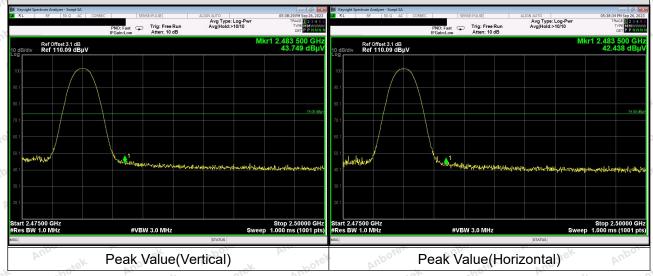


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10.3. Test Data



TM3 / CH: H



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Average:						Anbo
Test Mode	Peak Value (dBuV/m)	DCCF	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
TM3 / CH: L	40.715	-2.23	38.482	54.00	Vertical	Pass
	40.811	-2.23	38.578	54.00	Horizontal	Pass
	43.749	-2.26	41.493	54.00	Vertical	otek Pass noo
TM3 / CH: H	42.438	-2.26	40.182	54.00	Horizontal	Pass

Remark:

1. During the test, pre-scan all modes, the report only record the worse case mode.

- 1. DCCF=20log(Duty Cycle)
- 2. Average Value=Peak Value+DCCF

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11. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	In addition, radiated emissions in § 15.205(a), must also comp cified in § 15.209(a)(see § 15.20	ly with the wood
Anbotek Anbot	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)	300 300 300 300 300 500 500 500 500 500
Anbotek Anboten	1.705-30.0 30-88	30 100 **	30 And 3 of Andorek
Test Limit:	88-216 216-960	150 ** 200 **	3 3 0010 MIC
Anbotek Anb		500 ragraph (g), fundamental emissi ng under this section shall not b	
nbotek Anbotek Anbotek Anbotek	frequency bands 54-72 MH	z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	470-806 MHz.
Test Method:	ANSI C63.10-2020 section	6.6.4 mborek Anborek	Anbotek Anbote
Procedure:	ANSI C63.10-2020 section	6.6.4 Martin Andrew	Anbotek Anbo

11.1. EUT Operation

Test mode:1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode hopping) with GFSK modulation. 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting in (non-hopping) with π/4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode					Pur				/ironment:	erating Env
hopping) with 8DPSK modulation.	mode	smitting	ously trans	continu	he EUT in n.	ion. bing): Keep SK modulat : Keep the	K modulat (Non-Hop π/4 DQP -Hopping	i) with GF /4-DQPSI pping) wit DPSK (No	hopping 2: TX-π (non-ho 3: TX-8	t mode:

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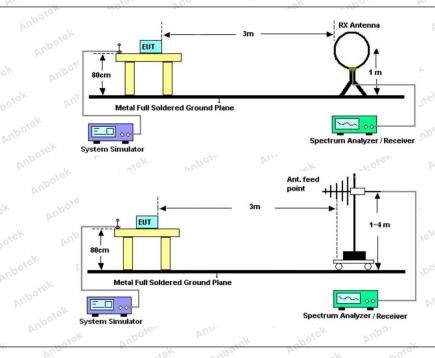
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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11.2. Test Setup



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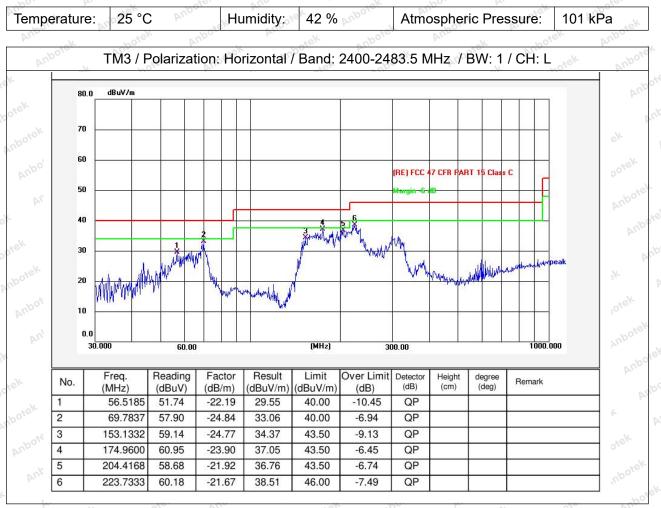
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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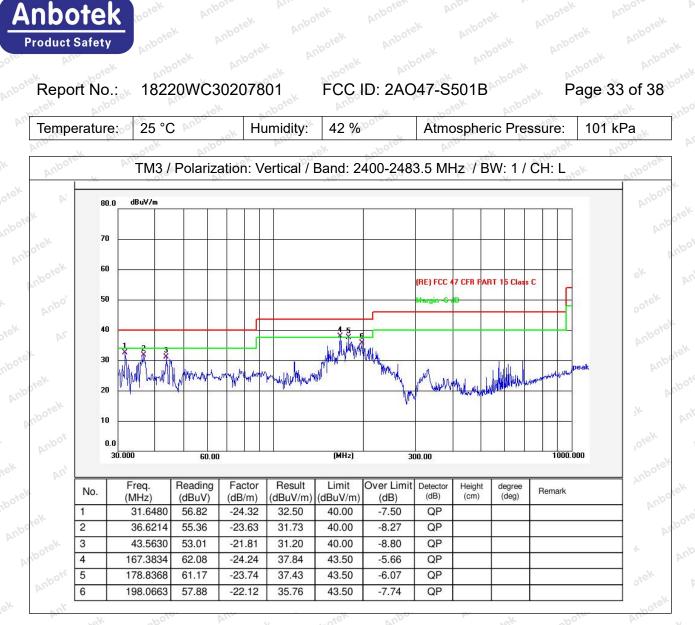
11.3. Test Data



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Note:Only record the worst data in the report.

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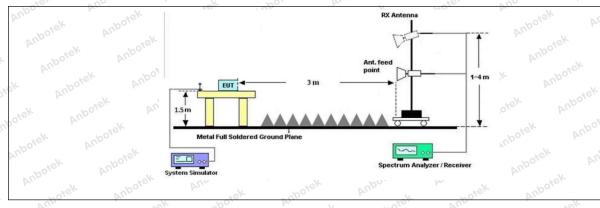
12. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $\delta(c)$.	
otek unbotek Anbon	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
k sotek	0.009-0.490	2400/F(kHz)	300 000
nboten Ano	0.490-1.705	24000/F(kHz)	30 otek
A. otek Anbote	1.705-30.0	30° At atek popo	30
Anbo k hotek	30-88	100 **	3 tek Anbore
T. toboten Anbe	88-216	150 **	3
Test Limit:	216-960	200 **	3 boten And
Anbo, A.	Above 960	500 hotek Anbo	3 stek nb
nbotek Anbotek Anb Anbotek Anbotek A Anbotek Anbotek	intentional radiators operati frequency bands 54-72 MH	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section	6.6.4 model and a model	Anborek Anbor
Procedure:	ANSI C63.10-2020 section	6.6.4 Antonia Anto Anto	Anbotek Anbo

12.1. EUT Operation

Operating Env	ironment: And a hore And
Test mode:	 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

12.2. Test Setup



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12.3. Test Data

Temperature:	25.3 °C	Humidity:	48.6 %	Atmospheric Pressure:	101 kPa
And	-ok	100. P.	V SON	Ant	ek abo

	TM3 / CH: L								
Peak value:									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4804.00	28.61	15.27	43.88	74.00	-30.12	Vertical			
7206.00	29.53	18.09	47.62	74.00	-26.38	Vertical			
9608.00	30.84	23.76	54.60	74.00	-19.40	Vertical			
12010.00	Anbote * Ar	in the second	abotek Anb	74.00	otek Anbott	Vertical			
14412.00	Anbo*sk	Anbo	-botek P	74.00	atek ant	Vertical			
4804.00	28.86	15.27	44.13	74.00	-29.87	Horizontal			
7206.00	30.23	18.09	48.32	74.00	-25.68	Horizontal			
9608.00	28.85	23.76	52.61	74.00	-21.39	Horizontal			
12010.00	potek * Anbo	h.	rek Anbore	74.00	s nbotek	Horizontal			
14412.00	botek* An	pore Ann	atek anbr	74.00	at abote	Horizontal			

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.99	15.27	33.26	54.00	-20.74	Vertical
7206.00	18.56	18.09	36.65	54.00	-17.35	Vertical
9608.00	19.86	23.76	43.62	54.00	-10.38	Vertical
12010.00	n	Anboten An	sek s	54.00 M ⁰⁰	- pr	Vertical o
14412.00	Ant * tek	nbotek	Anbo, Ar	54.00	bote. And	Vertical
4804.00	17.21	15.27	32.48	54.00	-21.52	Horizontal
7206.00	19.29	18.09	37.38	54.00	-16.62	Horizontal
9608.00	18.16	23.76	41.92	54.00	-12.08	Horizontal
12010.00	* *	otek Anbo.	K NOT	54.00	And	Horizontal
14412.00	nbo *	botek Ant	ore And	54.00	ek Anbo	Horizontal
		100 million	19.	9 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	N	No. No.

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Report No.: 18220WC30207801 FCC ID: 2AO47-S501B Pa TM3 / CH: M Peak value: Frequency Reading Factor Result Limit Line Over Limit (dBuV/m) (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB)

(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	polarization
4882.00	28.63	15.42	44.05	74.00	-29.95	Vertical
7323.00	29.38	18.02	47.40	74.00	-26.60	Vertical
9764.00	29.85	23.80	53.65	74.00	-20.35	Vertical
12205.00	ek * nbotek	Anbo.	A. hotek	74.00	And	Vertical
14646.00	*	rek Anbore	Ann	74.00	Anbo	Vertical
4882.00	28.56	15.42	43.98	74.00	-30.02	Horizontal
7323.00	30.22	18.02	48.24	74.00	-25.76	Horizontal
9764.00	28.55	23.80	52.35	74.00	-21.65	Horizontal
12205.00	* otek	Anbote	Ant	74.00	inbo. A.	Horizontal
14646.00	AT* otek	Anbotek	Anbo	74.00	Anbort	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.72	15.42	33.14	54.00	-20.86	Vertical Vertical
7323.00	18.66	18.02	36.68	54.00	-17.32 AM	Vertical
9764.00	19.72	23.80	43.52	54.00	-10.48	Vertical
12205.00	ek *nbors	Ant	abotek	54.00	~otek	Vertical
14646.00	tek * abot	ek Anbo.	K hotek	54.00	And	Vertical
4882.00	17.12	otek 15.42 mo	32.54	54.00	-21.46	Horizontal
7323.00	18.85	18.02	36.87 M	54.00	-17.13 ⁰⁰¹⁰	Horizontal
9764.00	18.67	23.80	42.47	54.00	-11.53	Horizontal
12205.00	*otek	Anbor	An hotek	54.00	in tek	Horizontal
14646.00	k hotek	Anboten	Ann	54.00	Anbo, P	Horizontal

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- P		AND	TM3 / CH: H	- <u>h</u> 015	Anbotek Pag	
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarizatior
4960.00	28.90	15.58	44.48	74.00	-29.52	Vertical
7440.00	29.39	17.93	47.32	74.00	-26.68	Vertical
9920.00	30.40	23.83	54.23	74.00	-19.77	Vertical
12400.00	P* stek	Anbotet	Anbe	74.00	Anbore	Vertical
14880.00	* Aup	ek spotel	Aupor	74.00	Anboten	Vertical
4960.00	28.63	15.58	44.21 001°	74.00	-29.79	Horizontal
7440.00	30.25	17.93	48.18	74.00	-25.82	Horizontal
9920.00	29.23	23.83	53.06	74.00	-20.94	Horizontal
12400.00	Anor*	abotek	Anbore	74.00	inboter Ant	Horizontal
14880.00	Ar*bor	A	Anborek	74.00	abotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.84	15.58	34.42	54.00	-19.58	Vertical
7440.00	19.67	17.93	37.60	54.00	-16.40	Vertical
9920.00	20.27	23.83	44.10	54.00	-9.90	Vertical
12400.00	* * nbotek	Anbo	hotek	54.00	And	Vertical
14880.00	* 50%	sk Anboro	Antek	54.00	Anbo	Vertical
4960.00	18.56	15.58	34.14	54.00	-19.86	Horizonta
7440.00	20.22 Ant	17.93	o ^{tek} 38.15 ph ⁰⁰	54.00	-15.8500 ¹⁰	Horizonta
9920.00	18.57	23.83	42.40	54.00 ^{MM}	-11.60	Horizonta
12400.00	* tek	Anbote	Americk	54.00	100 M	Horizonta
14880.00	A * *	aboten	Anbor	54.00	Anbor	Horizontal

Remark:

- 1. Result =Reading + Factor
- 2. "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

3. Only the worst case is recorded in the report.

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APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report ----

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