

 Report No.:
 18220WC40068301
 FCC ID: 2AU45-R-WME01
 Page 1 of 38

# FCC Test Report

Applicant : Foshan SD Technology Co., Ltd.

Address 501-502, building 8, zhifuyuan industrial city, Xingtan town, Shunde District, Foshan, China

Product Name : Head and Eye Massager

Report Date : Apr. 25, 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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	Antoren TEST	T REPORT	
Applicant	: Foshan SD Techno	blogy Co., Ltd.	
Manufacturer	: Foshan SD Techno	blogy Co., Ltd.	
Product Name	: Head and Eye Mas	ssager - house hubble	
Test Model No.	: R-WME01	And Anbotek Anbotek Anbo	
Reference Mode	No. : N/A		
Trade Mark	nootek : N/A	otek Anbotek Anbor An	
Rating(s)	: Input: 5V- 2A (wi	th DC 3.7V, 1500mAh battery insid	e) Anborek Anbore
Test Standard(s			

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:

Apr. 02, 2024

Apr. 03, 2024 to Apr. 15, 2024

Nian Xiu Chen

(Nianxiu Chen)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

#### Shenzhen Anbotek Compliance Laboratory Limited

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Anbotek Anbot

And

Prepared By:



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## **Revision History**

Report Version	Description	Issued Date		
Anbore R00 notek An	Original Issue.	Apr. 25, 2024		
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# 1. General Information

## 1.1. Client Information

Applicant	:	Foshan SD Technology Co., Ltd.
Address	:	501-502, building 8, zhifuyuan industrial city, Xingtan town, Shunde District, Foshan, China
Manufacturer	:	Foshan SD Technology Co., Ltd.
Address	:	501-502, building 8, zhifuyuan industrial city, Xingtan town, Shunde District, Foshan, China
Factory	:	Foshan SD Technology Co., Ltd.
Address	:	501-502, building 8, zhifuyuan industrial city, Xingtan town, Shunde District, Foshan, China

# 1.2. Description of Device (EUT)

Nor NOV	_	ak ho, bi, ak
Product Name	:	Head and Eye Massager
Test Model No.	:	R-WME01
Reference Model No.	:	N/A hotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	N/A hotek Anbotek Anbotek Anbotek Anbote Ant
Test Power Supply	:	AC 120V/60Hz for Adapter; DC 3.7V Battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A tek potek Anboret Anboret Anboret Anboret Anboret
RF Specification		
Operation Frequency	-	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbotek Anbotek Anbotek Anbotek Anbo
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	2.6dBi
		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	Title Manufacturer		Serial No.	
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J	

## 1.4. Description of Test Modes

Pretest Modes	Descriptions
And Ant Ant Ant Antonio	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
Anbole TM2	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.
Anborek TM3 Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
Anter Antort TM4 Anboren	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
hotek AnTM5 Anton	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.
TM6	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

## 1.5. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
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 uncertain level using a coverage factor of k=2.	valuated according to AB/WI-RF-F-032. inty expressed at approximately the 95% confidence

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## 1.6. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Annotek / Anboten	AntPotek
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PART
Maximum Conducted Output Power	Mode1,2,3	P
Channel Separation	Mode4,5,6	nbo. Pek
Number of Hopping Frequencies	Mode4,5,6	Anbe P tek
Dwell Time	Mode4,5,6	P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	Panu
Band edge emissions (Radiated)	Mode1,2,3	PAR
Emissions in frequency bands (below 1GHz)	Mode1,2,3	NDOL P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	AnborP

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.: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.

#### 1.8. 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

200	·	Day Dur	20	100	No. V	
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
3 of	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Avootek	Anbor
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
1	tool you	Pu.	yer nor		ich sho	en been

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

- T		a noquoney banao	1× ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	by.		<u>N</u>	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1 e <sup>y</sup>	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	pote <sup>k</sup> N/A An	2023-10-16	2024-10-15	
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19	
Ant3ote	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25	
4.nb	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	

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		Anbotan	Ano	Anbotek	Anbo, potek
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24
	sions in frequency ba Equipment EMI Test Receiver EMI Preamplifier Double Ridged Horn Antenna EMI Test Software EZ-EMC Horn Antenna Spectrum Analyzer	EMI Test ReceiverRohde & SchwarzEMI PreamplifierSKET ElectronicDouble Ridged Horn AntennaSCHWARZBECKEMI Test Software EZ-EMCSHURPLEHorn AntennaA-INFOSpectrum AnalyzerRohde & Schwarz	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.EMI Test ReceiverRohde & SchwarzESR26EMI PreamplifierSKET ElectronicLNPA- 0118G-45Double Ridged Horn AntennaSCHWARZBECKBBHA 9120DEMI Test Software EZ-EMCSHURPLEN/AHorn AntennaA-INFOLB-180400- KFSpectrum AnalyzerRohde & SchwarzFSV40-NAmplifierTalent MicrowaveTLLA18G40	Sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.EMI Test ReceiverRohde & SchwarzESR26101481EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 002Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D02555EMI Test Software EZ-EMCSHURPLEN/AN/AHorn AntennaA-INFOLB-180400- KF8Spectrum AnalyzerRohde & SchwarzFSV40-N101792AmplifierTalent MicrowayeTLLA18G40 2302280223022802	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.Last Cal.EMI Test ReceiverRohde & SchwarzESR261014812024-01-23EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 0022024-01-17Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D025552022-10-16EMI Test Software EZ-EMCSHURPLEN/AN/A/Horn AntennaA-INFOLB-180400- KFJ21106062 

Emissions in frequency bands (below 1GHz)

- 100	biolic in inequelley be					
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
Antote	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A NO	Anbos	k Anbotek

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## 2. Antenna requirement

hotek Anbo.	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
Ano	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
Anotek	of an antenna that uses a unique coupling to the intentional radiator shall be
an Aupo	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 2.6dBi. It complies with the standard requirement.

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## 3. Conducted Emission at AC power line

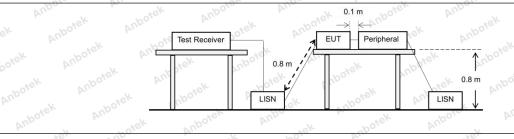
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie of exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as		
abotek Anbois	Frequency of emission (MHz)	Conducted limit (dBµV)	A solek		
	Anbo k hotek Anbor	Quasi-peak	Average		
Anbois An.	0.15-0.5	66 to 56*	56 to 46*		
Test Limit:	0.5-5 tek photo And	56 poten An	46		
	5-30	60	50 ten And		
	*Decreases with the logarithm of the frequency.				
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anbote.	And		
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un				

## 3.1. EUT Operation

## **Operating Environment:**

4	
And	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
tek nbore.	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.
lek ab	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Anbore An	hopping) with 8DPSK modulation.

## 3.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

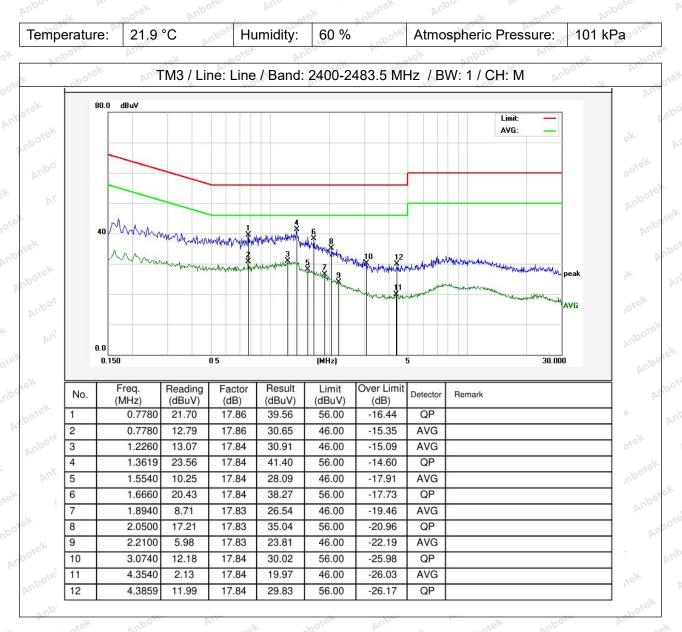
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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## 3.3. Test Data

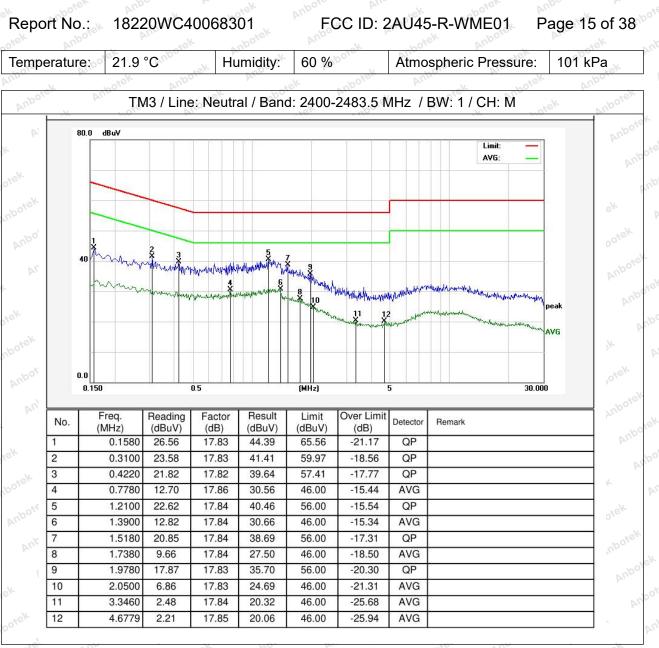


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Note: Only record the worst data in the report.

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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. KDB 558074 D01 15.247 Meas Guidance v05r02
hotek Anbotek Anb	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
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	frequency. The frequency span for the spectrum analyzer shall be between 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
tek Anbotek Anbo Nootek Anbotek A	otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal 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
Procedure:	<ul> <li>4.1.6.2.</li> <li>d) Step a) through step c) might require iteration to adjust within the specified range.</li> <li>e) Video averaging is not permitted. Where practical, a sample detection and</li> </ul>
ek Anbotek Anbo	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 report the measured bandwidth.
Anbotek Anbotek Anbotek Anbotek	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
Anborek Anbor ek Anborek Anbor	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.
Jotek Anbo, An Anbotek Anbotek	h) The occupied bandwidth shall be reported by providing spectral plot(s) of 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).

## 4.1. EUT Operation

#### Operating Environment:

Test mode: 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-

#### Shenzhen Anbotek Compliance Laboratory Limited

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# Report No.: 18220WC40068301 FCC ID: 2AU45-R-WME01 Page 17 of 38 hopping) with GFSK modulation.

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.

## 4.2. Test Setup

. No.					D. V.	V
0010		EUT		Spectrum Analyzer		nboten p
botek	Anbo			opectrum Analyzer		Antek
Ann		т <u>V</u> .		D//		Anbo
Anbore	Al.	abo <sup>ter</sup>	Ano	notek Anbore	Pr.	aboter.

## 4.3. Test Data

Tem	perature:	25.5 °C	Humidity:	47 %	 Atmospheric Pressure:	101 kPa	Anbo

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: Anboret	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 KDB 558074 D01 15.247 Meas Guidance v05r02
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: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured.
Procedure:	<ul> <li>c) VBW ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> </ul>
	<ul> <li>g) Allow trace to stabilize.</li> <li>h) Use the marker-to-peak function to set the marker to the peak of the emission.</li> </ul>
	<ul><li>i) The indicated level is the peak output power, after any corrections for external attenuators and cables.</li><li>j) A spectral plot of the test results and setup description shall be included in the test report.</li></ul>
	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
AUR	analyzer.

# 5.1. EUT Operation

Operating Envi	ronment: Anbol K Anbole Anbole And tek sobolek
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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## 5.2. Test Setup

	Anbotek		EUT	Spec	trum Analyzer	P.c.		Anbotek	
o <sup>*</sup>	ek Anbotek	Anborc	Annotek	Anboter	Ano-	Anbotek	Anboten	And	

### 5.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
AV.	N NO.	Pr.		A OV	NO.

Please Refer to Appendix for Details.

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## 6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: Anborek Anborek	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 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure: Anborek Procedure: Anborek Anborek Anborek Anborek	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>a) Span: Wide enough to capture the peaks of two adjacent channels.</li> <li>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.</li> <li>c) Video (or average) bandwidth (VBW) ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow the trace to stabilize.</li> </ul>
botek Anbotek A Anbotek Anbotek Anbotek Anbotek	Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.

## 6.1. EUT Operation

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

## 6.2. Test Setup

potek Anbotek An	EUT	Spectrum Analyzer	otek Anborec An
6.3. Test Data	And Anbotek Anbote	Anborn Anborel	Anboret Anbriek

Temperature:25.5 °CHumidity:47 %Atmospheric Pressure:10	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: Anborek Anborek Anborek Anborek Anborek	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 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>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.</li> <li>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.</li> <li>c) VBW ≥ RBW.</li> </ul>
Procedure:	<ul> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow the trace to stabilize.</li> </ul>
Anbotek Anbotek Anbotek Anbotek	It might prove necessary to break the span up into subranges to show clearly 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 Envi	ronment often Anborek Anborek Anborek Anborek A
Test mode:	<ul> <li>4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.</li> <li>5: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π/4 DQPSK modulation.</li> <li>6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.</li> </ul>

7.2. Test Setup

7.3. Test Dat	ta botek	Anbotek Anbot	otek Anbotek	Anboren Anbo	K Anbotek
Temperature:	25.5 °C	Humidity:	47 % A	tmospheric Pressure:	101 kPa

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## 8. Dwell Time

Alex Mark	- bore	Aun	- KOK	np0.	h.	boro
Test Requirement:	47 CFR 15	.247(a)(1)(iii)				
Test Limit: http://www.anborek	2483.5 MH occupancy period of 0 employed. transmission	z band shall on any chan .4 seconds m Frequency he	(a)(1)(iii), Fequuse at least 15 nel shall not be ultiplied by the opping system cular hopping	o channels. The greater than e number of h s may avoid	he average ti n 0.4 seconds lopping chan or suppress	me of s within a nels
Test Method:		10-2020, sec 74 D01 15.24	tion 7.8.4 7 Meas Guida	nce v05r02	Anbo,	Anbotek
	transmissio a single tra transmissio	on to the end insmission pe on. If the devi	on a channel is of the last tran r hop then the ce has a multij	smission for dwell time is ple transmiss	that hop. If th the duration ions per hop	e device has of that then the
	the last tra	nsmission.	from the start o			
	over an ob determine measure b	servation per the time of oc oth the dwell	s the total time od specified ir cupancy the s time per hop a hannel in a giv	n the regulato pectrum anal and the numb	ory requireme lyzer will be c	nt. To configured to
	The EUT s requirement number of	hall have its h nts shall be m channels ena	nopping function ade with the n bled. If the dw	on enabled. C ninimum and vell time per c	with the max hannel does	imum not vary witl
Procedure:	based on t dwell times for 1, 3 or s	he minimum i s per channel 5 time slots) t	than complian number of cha (example Blue hen measuren num number c	nnels. If the c etooth device nents can be	levice suppoi s can dwell o	ts different n a channel
	Use the fol hop:	lowing spectr	um analyzer s	ettings to det	ermine the d	well time pe
	b) RBW sh	all be ≤ chan	tered on a hop nel spacing an he expected tr	d where pos	sible RBW sh	ould be
	c) Sweep t last transm	ime: Set so the	hat the start of hop are clearl	the first trans y captured. S	mission and Setting the sw	eep time to
	1/hopping d) Use a vi	rate) should a deo trigger, w	ne hopping per achieve this. /here possible ly observed. T	with a trigger	r delay, so tha	at the start o
	to reduce t channel.		triggering whe			
Anbotek Anbol	f) Trace: C	lear-write, sin		t transmissio	n on the char	nnel and at

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the end of the last transmission. The dwell time per hop is the time between these 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  $3 / 0.5 \times 10$ , 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 Envir	onment:
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

## 8.2. Test Setup

er ek		EUT		 Spectrum Ana	alyzer	
Anbotek	Anbotek	unboten.	Anb	 r botek	Anbor	

#### 8.3. Test Data

10°	~ ^ O V	A An	0°	
Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure: 101 kPa
ak bor	b.,	N. S. C.	00V	

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## 9. 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 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 7.8.7 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbote Anbotek Anbote	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.
otek Anbotek A Anbotek 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.
Procedure: potek	The limit is based on the highest in-band level across all channels measured 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 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.
	When conducted measurements cannot be made (for example a device with 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

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exception that the resolution bandwidth shall be 100 kHz, video bandwidth 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 Envi	ronment:
Anbotek Anbote	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non- hopping) with GFSK modulation.
Anboten Anb	2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation.
Test mode:	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
ek node.	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
potek Anbotek	5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation.
Anbotek Anbo	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

### 9.2. Test Setup

	Anbotek	Anbot	EUT		Spectrum	Analyzer	
			oten Anb	r	~otek	Anbor	

### 9.3. Test Data

				X 100.			
	Temperature:	25.5 °C	Anbore	Humidity:	47 %	Atmospheric Pressure:	101 kPa
_	10°	. D.v.		. AV	· · · · · · · · · · · · · · · · · · ·	V 10' D''	- 1

Please Refer to Appendix for Details.

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## 10. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the wo
Anbotek Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Inbotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30
Anbotek Anbotek	1.705-30.0 30-88	30 100 ** 450 **	30 3 3
Anboi Anbotek Anbote	88-216 216-960 Above 960	150 ** 200 ** 500	3 often Antonia
Test Limit: oren Anborek	intentional radiators operati 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 these three bands are base detector.	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 ed on measurements employing	e located in the 470-806 MHz. red under other band edges. measurements uency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anborek
Procedure:	ANSI C63.10-2020 section	6.10.5.2 M	port Ann potel

## 10.1. EUT Operation

Operating Envir	ronment:
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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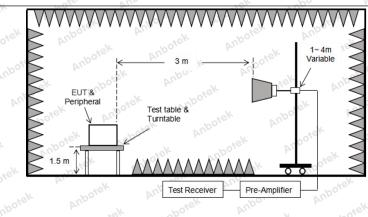
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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## 10.2. Test Setup



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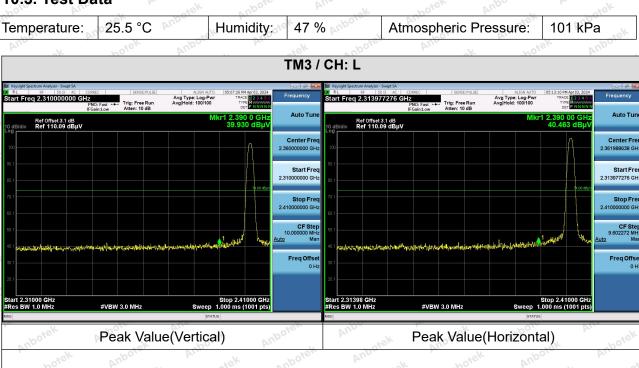
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com



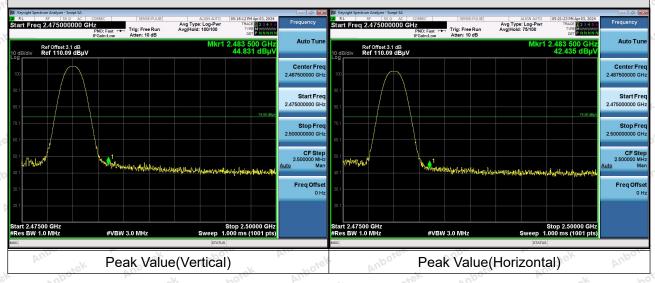


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## 10.3. Test Data



#### TM3 / CH: H



#### Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. 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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## 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 § 15.2	ly with the woo
k Anbotek Anbot otek Anbotek Ant	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
k hotek	0.009-0.490	2400/F(kHz)	300 mbole
nboten And	0.490-1.705	24000/F(kHz)	30 John March
Ar stek unboter	1.705-30.0	30° All atek nobo	30
Anbo	30-88	100 **	3 tek noore
aboten Anbe	88-216	150 **	3
Ar. stek unbote	216-960	200 **	3 boten Ant
Test Limit:	Above 960	500 poter Anbo	3 stek onb
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbo	intentional radiators operati 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	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 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 emis ed on measurements employing	e located in the 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		ek Anbote.
Procedure:	ANSI C63.10-2020 section	6.6.4	por An

## 11.1. EUT Operation

Operating Envir	ronment: And
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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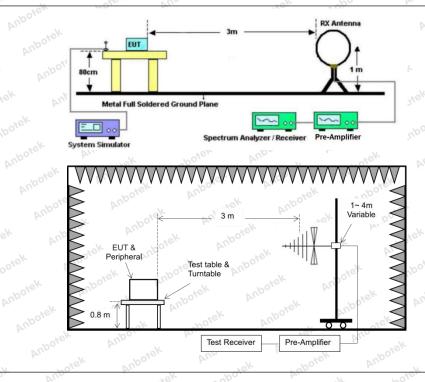
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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## 11.2. Test Setup



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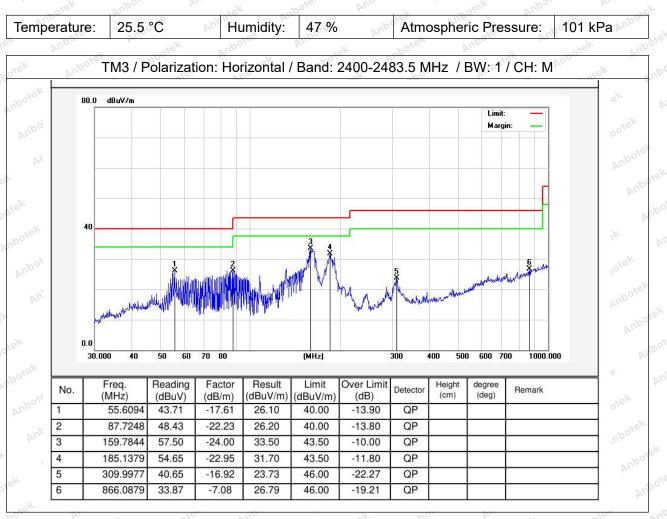




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#### 11.3. Test Data

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

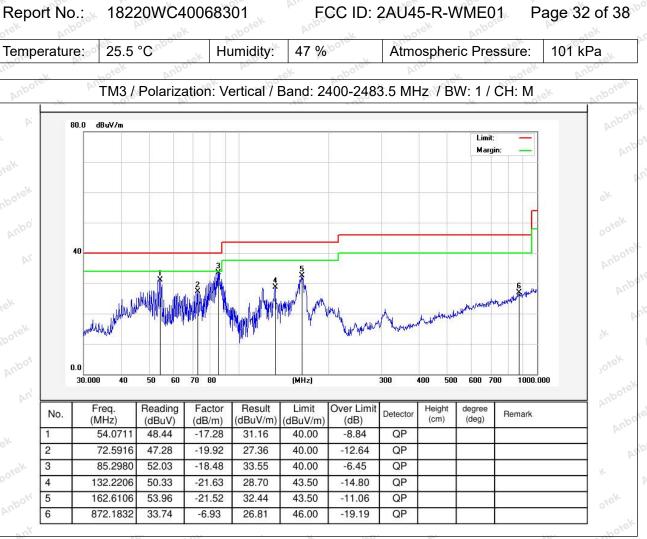


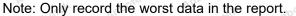
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## 12. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $\overline{b}(c)$ .	
Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
e hand the hand	0.009-0.490	2400/F(kHz)	300 mbore
aboten Anbe	0.490-1.705	24000/F(kHz)	30 John
arek unboter	1.705-30.0	30° All atek mbo	30 And
Anbo k hotek	30-88	100 **	3 ok noore
aboten Anbo	88-216	150 **	3
Ar. stek unbote	216-960	200 **	3 boter Ant
Ando	Above 960	500 poter Andre	3 dek onb
Test Limit: oren Anboren Anbor	intentional radiators operati 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	ragraph (g), fundamental emissi ing under this section shall not b z, 76-88 MHz, 174-216 MHz or 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 emis ed on measurements employing	e located in the 470-806 MHz. aed under other band edges. measurements uency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anborek
Procedure:	ANSI C63.10-2020 section	6.6.4	por Ann

## 12.1. EUT Operation

Operating Envi	ronment: tek Anborek Anborek Anborek Anborek Anborek
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

#### Shenzhen Anbotek Compliance Laboratory Limited

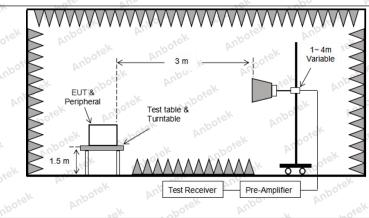
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## 12.2. Test Setup



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## 12.3. Test Data

Temperature:	25.5 °C	00. 	Humidity:	47 % Anbore	Atmospheric Pressure:	101 kPa
000	- et	. VO.	by.	10.1	NUN NUN	ak 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	28.55	15.27	43.82	74.00	-30.18	Vertical			
7206.00	29.48	18.09	47.57	74.00	-26.43	Vertical			
9608.00	30.77	23.76	54.53	74.00	-19.47	Vertical			
12010.00	Anbote * Ar	io-	botek Anb	74.00	otek Anbott	Vertical			
14412.00	anbo*sk	Anbo	hotek P	74.00	stek ont	Vertical			
4804.00	28.81	15.27	44.08	74.00	-29.92	Horizontal			
7206.00	30.16	18.09	48.25	74.00	-25.75	Horizontal			
9608.00	28.83	23.76	52.59	74.00	-21.41	Horizontal			
12010.00	potek * Anbo	ak ho	rek Anbote	74.00	L nbotek	Horizontal			
14412.00	-botek* An	pote Ann	atek anbo	74.00 <sup>100</sup>	alt pote	Horizontal			

#### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.93	15.27	33.20	54.00	-20.80	Vertical
7206.00	18.51 18.51	18.09	36.60	54.00	-17.40	Vertical
9608.00	19.79	23.76	43.55	54.00	-10.45	Vertical
12010.00	notet.	Anboten An	-sek	54.00 M <sup>00</sup>	-k vi	Vertical **
14412.00	And *	abotek	Anbo	54.00	bote. And	Vertical
4804.00	17.16	15.27	32.43	54.00	-21.57	Horizontal
7206.00	19.22	18.09	37.31	54.00	-16.69	Horizontal
9608.00	18.14	23.76	41.90	54.00	-12.10	Horizontal
12010.00	sek *	otek Anbo.	ak not	54.00	Ann	Horizontal
14412.00	hoo *	hotek Ant	Jote And	54.00	ek Anbo.	Horizontal
		111-	70.	07		10 010

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		1	ГМ3 / СН: М			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.57	15.42	43.99	74.00	o <sup>ten</sup> -30.01	Vertical
7323.00	29.33	18.02	47.35	74.00	-26.65	Vertical
9764.00	29.78	23.80	53.58	74.00	-20.42	Vertical
12205.00	ek * abotek	Anbor	protek	74.00	Ano	Vertical
14646.00	* *	tek Anbore	Ann	74.00	Anbo	Vertical
4882.00	28.51	15.42	43.93	74.00	-30.07	Horizontal
7323.00	30.15	18.02	48.17	74.00	-25.83	Horizontal
9764.00	28.53	23.80	52.33	74.00	-21.67	Horizontal
12205.00	* orek	Anboten	Ann	74.00	nbor pr.	Horizontal
14646.00	Ant stok	nbotek	Anbo	74.00	Anboren	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.66	15.42	33.08	54.00	-20.92	Vertical
7323.00	18.61	18.02	36.63	54.00	-17.37 And	Vertical
9764.00	19.65	23.80	43.45	54.00	-10.55	Vertical
12205.00	k Anbore	Ann	Anboten	54.00	abotek.	Vertical
14646.00	stek * Anbot	Anbr	ek abotek	54.00	Americk	Vertical
4882.00	17.07	otek 15.42 http://	32.49	54.00 <sup>00100</sup>	-21.51	Horizontal
7323.00	18.78	18.02	36.80	54.00	-17.20	Horizontal
9764.00	18.65	23.80	42.45	54.00	one -11.55 prof	Horizontal
12205.00	antortek	Anbo	abotek	54.00	- otek a	Horizontal
14646.00	* botek	Anbort	A	54.00	AND	Horizontal

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botek **Product Safety** 

		-	ГМ3 / СН: Н			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.84	15.58	44.42	74.00	-29.58	Vertical
7440.00	29.34	17.93	47.27	74.00	-26.73	Vertical
9920.00	30.33	23.83	54.16	74.00	-19.84	Vertical
12400.00	A. wotek	Anboten	Anu	74.00	Anbor	Vertical
14880.00	* And	ek nootel	Anbo	74.00	Anbore	Vertical
4960.00	28.58 MO	15.58	44.16	74.00	-29.84	Horizontal
7440.00	30.18	17.93	48.11	74.00	-25.89	Horizontal
9920.00	29.21	23.83	53.04	74.00	-20.96	Horizontal
12400.00	Anu *	abotek	Anbo. P	74.00	inbote. An	Horizontal
14880.00	Arthore	hinotek	Anbore	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	18.78	15.58	34.36	54.00	-19.64	Vertical
7440.00	19.62	17.93	37.55	54.00	-16.45 M	Vertical
9920.00	20.20	23.83	44.03	54.00	-9.97	Vertical N
12400.00	K *nbotek	Anbo	hotek	54.00	And	Vertical
14880.00	* toot	k Anboro	Antotek	54.00	And	Vertical
4960.00	18.51	15.58	34.09	54.00	-19.91	Horizontal

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Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.78	15.58	34.36	54.00	-19.64	Vertical
7440.00	19.62	17.93	37.55	54.00	-16.45	Vertical
9920.00	20.20	23.83	44.03	54.00	-9.97	Vertical Vertical
12400.00	K * nbotek	Anbo	hotek	54.00	And	Vertical
14880.00	* * *	sk Auporo	And	54.00	Anbo	Vertical
4960.00	18.51	15.58 NO	34.09	54.00	-19.91	Horizontal
7440.00	20.15	17.93	38.08 × <sup>000</sup>	54.00	-15.92	Horizontal
9920.00	18.55	23.83	42.38	54.00 <sup>MN</sup>	-11.62	Horizontal
12400.00	* tek	Anbore	Annotek	54.00	100 M	Horizontal
14880.00	All*	Anbotek	And	54.00	Anbort	Horizontal

#### Remark:

- 1. Result =Reading + Factor
- "\*" means the test results were attenuated more than 20dB below the permissible limits, so the 2. results don't record in the report.
- Only the worst case is recorded in the report. 3.

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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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