

 Report No.:
 18220WC30258601
 FCC ID: 2BDY9-399RG
 Page 1 of 28

FCC Test Report

Applicant : MKETech Electronics

Address 2000 South Grove Avenue, Suite 109, Ontario, California, United States

Product Name : WIRELESS MOUSE

Report Date : May 20, 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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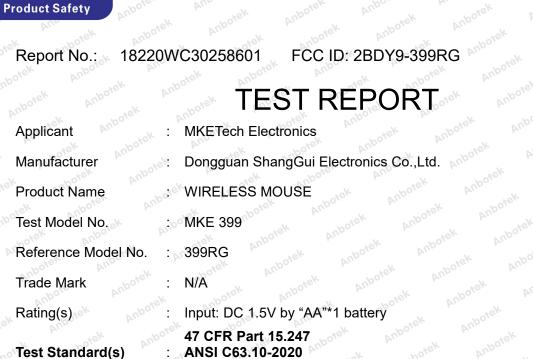


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KDB 558074 D01 15.247 Meas Guidance v05r02

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

Date of Receipt:

Date of Test:

Anbotek

Dec. 05, 2023 to Dec. 19, 2023

Dec. 05, 2023

Ella Jang

(Ella Liang)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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Prepared By:



Revision History

Report Ve	Description			Issued Date				
R00	abotek Ant	otek (Original Issue.	Inbotek	Anbots.	May 20,	2024	Anbotek
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1. General Information

1.1. Client Information

Applicant	:	MKETech Electronics
Address	:	2000 South Grove Avenue, Suite 109, Ontario, California, United States
Manufacturer	:	Dongguan ShangGui Electronics Co.,Ltd.
Address	:	Room 101, No.7, Yincheng 7nd Road, Xiabian Village, Chang'an Town, Dongguan City, GuangDong Province, China
Factory	:	Dongguan ShangGui Electronics Co.,Ltd.
Address	:	Room 101, No.7, Yincheng 7nd Road, Xiabian Village, Chang'an Town, Dongguan City, GuangDong Province, China

1.2. Description of Device (EUT)

Product Name	:	WIRELESS MOUSE
Test Model No.	:	MKE 399
Reference Model No.	:	399RG (Note: All samples are the same except the model number, so we prepare "MKE 399" for test only.)
Trade Mark	:	N/A Anbotek Anbotek Anbotek Anbotek Anbo
Test Power Supply	:	DC 1.5V battery
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/Aotek Anborek Anborek Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	2405~2470MHz
Number of Channel	:	8 Anbo He Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK And at Andrew Andrew Andrew Andrew
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	4.43dBi
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

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1.3. Auxiliary Equipment Used During Test

Title Manufacturer		Model No.	Serial No.	
Acer Computer	And acer Moodel	N19W3	2020AJ3862	

1.4. Operation channel list

	Operation Band:	ok botak Anbo	An atek	nboten Anot
0,	Channel	Frequency (MHz)	Channel	Frequency (MHz)
4	too otek 0 hubotek	2405 and	Anboten 4 Anbo	2440 1001 at
	Anbotek 1 Anbotek	Anton 2413 aboret	Anboten 5 Anbo	2450
~	And anbote	2422 Augusta	Anbore 6 And	2460
3	Ant 3 ek Anb	2430	ek Anboyen Ano	2470

1.5. Description of Test Modes

Pretest Modes		Descriptions	
	And hotek TM100tek And	Keep the EUT in continuously transmitting mode	Anburgter

1.6. Measurement Uncertainty

Uncertainty
3.4dB
925Hz
0.76dB
0.76dB
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB
Horizontal: 3.92dB; Vertical: 4.52dB

level using a coverage factor of k=2.

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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboten	AnuPotek
Conducted Emission at AC power line	Anbotek Anboten	Z
Occupied Bandwidth	Mode1	PAR
Maximum Conducted Output Power	Mode1	P AN
Power Spectral Density	Mode1	Pk
Emissions in non-restricted frequency bands	Mode 1 offer	Anbor P ek
Band edge emissions (Radiated)	Mode1 Andore	P
Emissions in frequency bands (below 1GHz)	Mode1	PAND
Emissions in frequency bands (above 1GHz)	Mode1	P An
Note: P: Pass	Anbotek Anbotek A	nboter-

Anbote

ANK

Anbotek

Anbo

N: N/A, not applicable

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1.8. Description of Test Facility

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

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited. 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
 - 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
 - 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

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1.10. Test Equipment List

Conducted Emission at AC power line

00	· P. V	note. And	.0	4	pr. V	NOTE:
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
y 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2023-10-12	2024-10-11
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11
4 4	Software Name EZ-EMC	Farad Technology	ANB-03A	rek N/A Anbo	rek /Anbotek	ek Anbor
	Not Not	P.	yer vup		Pode Mar	be.

Maxir Powe	pied Bandwidth num Conducted Out r Spectral Density sions in non-restricte	ote. And .ok	Anbotek A Anbotek	Anbotek Anbotek	Anbotek An Anbotek	hotek Anbon Anbotek An
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
An. 1Anb	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/Am ^{bo}	2023-10-16	2024-10-15
_≫ 2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
,o^\3 ^{≮-}	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
Ani4ote	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
5.00	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6 🖻	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

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	edge emissions (Ra sions in frequency ba		Anboren	Anbotek	Anbotek	Anborek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11
¹⁰ 3	3 Double Ridged Horn Antenna SCHWARZBECK		BBHA 9120D	02555	2022-10-16	2025-10-15
nboten 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
40bc	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	6 Spectrum Analyzer Rohde & Schwarz		FSV40-N	101792	2023-05-26	2024-05-25
e ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24
19.	Aport Att	V Soft	AND	Yo.	100	No. V

Emissions in frequency bands (below 1GHz)

- NOT	ererie					
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Antore	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5.00	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A N/A	Anbo	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
And k botek	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
Ar. 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 4.43 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 to public utility (AC) power line, the radiated back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	hat is designed to be con idio frequency voltage that y frequency or frequencie exceed the limits in the fo	nected to the it is conducted s, within the blowing table, as				
abotek Anbol	Frequency of emission (MHz)	Conducted limit (dBµV)	k sotek				
All aboter	And k botek Anbor	Quasi-peak	Average				
Anbor An	0.15-0.5	66 to 56*	56 to 46*				
Test Limit:	0.5-5	56 hotek An	46				
Ant tek soft	5-30 × 10	60	50 ten And				
Anbore An	*Decreases with the logarithm of the frequency.						
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anboten	Ant otek				
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unli						

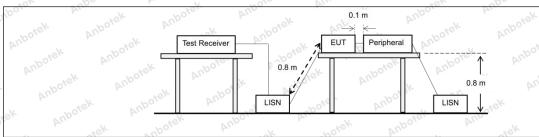
3.1. EUT Operation

Operating Environment:

1

Test mode:

3.2. Test Setup



3.3. Test Data

Not applicable for equipment operated with DC power supply.

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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. b) Set the V(R)($1 > 12 \times RR)(1)$
Anbotek Anbotek Anbotek	 b) Set the VBW ≥ [3 × RBW]. c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time.
Procedure:	f) Allow the trace to stabilize. g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value.
Anbor An tek Anbotek Anbo botek Anbotek A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW \ge 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be \ge 6 dB.

4.1. EUT Operation

Operating Envi	ronment:	Ann	Anbotek	Anbo	botek	Anbore
Test mode:	1: TM1: Keep the	e EUT in contin	uously tran	smitting mode	Ar. hotek	Anboten

4.2. Test Setup

of ek		Anbot			Sp	ectrum A	Analyzer			Anbo
4.3.	Test Data	ek A'	Anbotek	An- Anbotek	ek ente	otek nbotek	Anbu. Anbotek	Anbotek Anbotek	Anbotek Anbote	3K
Tem	perature:	26 °C	Anbote	Humidity:	44 %	Anbotel	Atmosphe	eric Pressure:	101 kPa	obotek

Please Refer to Appendix for Details.

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5. Maximum Conducted Output Power

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

5.1. EUT Operation

Operating Envi	ronment:	n. nbotek	Anbore	Ann hotek	Anbotek	Anbourstek	a oboke
Test mode:	1: TM1: Kee	ep the EUT in	continuously	transmitting	mode	Anbo	

5.2. Test Setup

		EUT .	Spectrum An	nalyzer	
1	h. abotek	-K hotel	b.,.	tek nbot	

5.3. Test Data

Temperature:	26 °C	Humidity:	44 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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6. Power Spectral Density

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

6.1. EUT Operation

Operating Environment:

Test mode: 1: TM1: Keep the EUT in continuously transmitting mode

6.2. Test Setup

EUT		Spectrum Analyzer		
	×07-	- 0 ²⁻	Ŧ	N

6.3. Test Data

Temperature: 26 °C	Humidity: 44 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



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7. Emissions in non-restricted frequency bands

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

7.1. EUT Operation

Operating Envi	ironment:	abotek	Anbore	And	Anbotek	Anbo	
Test mode:	1: TM1: Kee	p the EUT in	n continuous	y transmitting	mode mode	Anbo.	Pr.
- Pri	k hote	VUN		er abo		K NOTO	24

7.2. Test Setup

		E	EUT		Spectrum A	Analyzer	P	
X			-otek	Anbor	Þ.1	*ek	aboten	

7.3. Test Data

lo.				10.		- 10
 Temperature:	26 °C	Humidity:	44 %	Atmospheric Pressure:	101 kPa	
	Yer VUD	Ye.	. YOO'	P	NUD	

Please Refer to Appendix for Details.

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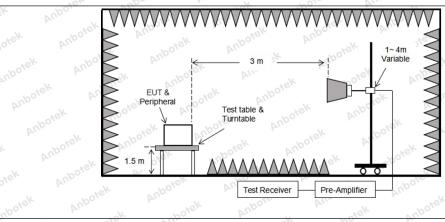
8. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	In addition, radiated emissions I in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the woo
tek Anbotek Anbon	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 30
Anbotek Anboten	1.705-30.0 30-88	30 100 **	30 M
Anbotek Anbot	88-216 216-960	150 ** 200 **	3 Anotet Anopted
Anbore Ant	Above 960	500 motel Antonio	3 hotek phb
Test Limit: oren Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek 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	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 Anbore
Procedure:	ANSI C63.10-2020 section	6.10.5.2 population prot	Sou Annabotek

8.1. EUT Operation

Operating Environment: Test mode: 1: TM1: Keep the EUT in continuously transmitting mode

8.2. Test Setup



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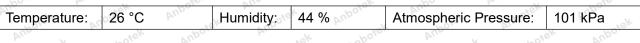
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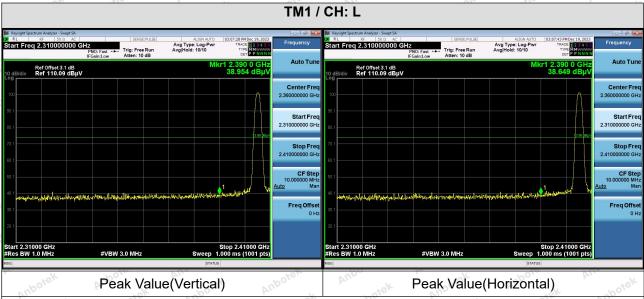


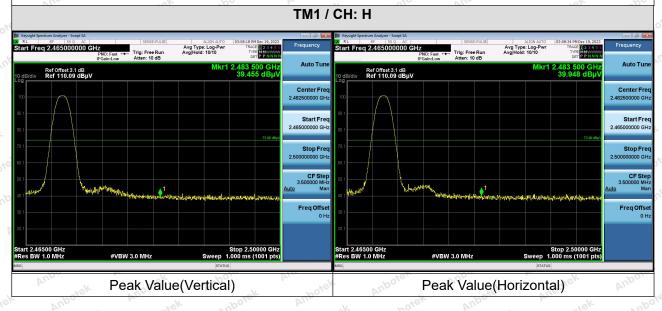


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8.3. Test Data







Note: When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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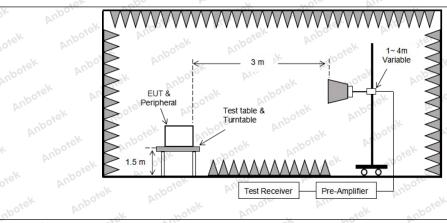
9. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $\overline{b}(c)$.	
stek Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anbotek 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 ** 150 **	30 3 3
Anboin Anborek Anbore	88-216 216-960 Above 960	150 ** 200 ** 500	3 of Anna
Test Limit: Ster Andorek	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-p	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	e located in the 470-806 MHz. aed under other band edges. measurements uency bands 9–
tek Anboten Anb		d on measurements employing	
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		at Anbote.
Procedure:	ANSI C63.10-2020 section	6.6.4	201 An. Abotek

9.1. EUT Operation

Operating Environment: Test mode: 1: TM1: Keep the EUT in continuously transmitting mode

9.2. Test Setup



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9.3. Test Data

Temperature:	26 °C	AUPC	Humidity:	44 % Anbor	Atmospheric Pressure:	101 kPa
202		No.	by.		604	

		-	TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4810.00	29.51	15.27	44.78	74.00	-29.22	Vertical
7215.00	31.34	18.09	49.43	74.00	-24.57	Vertical
9620.00	32.59	23.76	56.35	74.00	-17.65	Vertical
12025.00	Anbote * Ar	n sek	botek Anb	74.00	otek Anboti	Vertical
14430.00	anbo*ek	Anbo	botek P	74.00	atek ant	Vertical
4810.00	30.02	15.27	45.29	74.00	-28.71	Horizontal
7215.00	31.84	18.09	49.93	74.00	-24.07	Horizontal
9620.00	30.29	23.76	54.05	74.00	-19.95	Horizontal
12025.00	potek * Anbo	ok no	rek Anbote	74.00	hotek	Horizontal
14430.00	-botek * An	pote Ant	stek anbc	74.00	ak pote	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4810.00	18.89	15.27	34.16	54.00	-19.84	Vertical
7215.00	20.37	18.09	38.46	54.00	-15.54	Vertical
9620.00	21.61	23.76	45.37	54.00	-8.63	Vertical
12025.00	notet.	Anboten An	wek of	54.00 × 54	-k vi	Vertical **
14430.00	And * tek	abotek	Anbor	54.00	boten Ann	Vertical
4810.00	18.37	15.27	33.64	54.00	-20.36	Horizontal
7215.00	20.90	18.09	38.99	54.00	-15.01	Horizontal
9620.00	19.60	23.76	43.36	54.00	-10.64	Horizontal
12025.00	tek *	otek Anbor	ak hot	54.00	And	Horizontal
14430.00	AUPO *	botek Ant	ofe. And	54.00 NO	ek Anbo	Horizontal
		110-	19.	07 P	N	15 DI.

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otek Anbore	Ant	nbotek	Anbo	hotek	Anbore A	otek N
		-	TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4860.00	29.53	15.42	44.95	74.00	-29.05	Vertical
7290.00	31.19	18.02	49.21	74.00	-24.79	Vertical
9720.00	31.60	23.80	55.40	74.00	-18.60	Vertical
12150.00	ek * nbotek	Anbo.	, hotek	74.00	Ann	Vertical
14580.00	*	rek Anbore	Aur	74.00	Anberrak	Vertical
4860.00	29.72	15.42	45.14	74.00	-28.86	Horizontal
7290.00	31.83	18.02	49.85	74.00	-24.15 pot	Horizontal
9720.00	29.99	23.80	53.79	74.00 ^{Ant}	-20.21	Horizontal
12150.00	* otek	Anbote	And	74.00	upo. A.	Horizontal
14580.00	AT atek	Anbotek	Anbor	74.00	Anboten	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4860.00	18.62	15.42	34.04	54.00	-19.96	Vertical
7290.00	20.47	18.02	38.49	54.00	-15.51 AM	Vertical
9720.00	21.47	23.80	45.27	54.00	-8.73	Vertical
12150.00	* *nbore	All	Anboten	54.00	abotek	Vertical
14580.00	otek * Anbot	And	ek spotek	54.00	A. hotek	Vertical
4860.00	18.28	15.42 ¹⁰⁰	33.70	54.00	-20.30	Horizontal
7290.00	20.46	18.02	38.48	54.00	-15.52	Horizontal
9720.00	20.11	23.80	43.91	54.00	10.09 pm	Horizontal
12150.00	Antoren	And	abotek	54.00	wotek p	Horizontal
14580.00	* * notek	Anbor	hotek	54.00	And	Horizontal

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		-	ГМ1 / СН: Н				
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization	
4940.00	29.80	15.58	45.38	74.00	-28.62 m ^o	Vertical	
7410.00	31.20	17.93	49.13	74.00	-24.87	Vertical	
9880.00	32.15	23.83	55.98	74.00	-18.02	Vertical	
12350.00	* wotek	Anboten	Anb	74.00	Anbore	Vertical	
14820.00	* And	ek nbotel	Anbor	74.00	Anboten	Vertical	
4940.00	29.79 M	15.58	45.37	74.00	-28.63	Horizontal	
7410.00	31.86	17.93	49.79	74.00	-24.21	Horizontal	
9880.00	30.67	23.83	54.50	74.00	-19.50	Horizontal	
12350.00	And * * ek	abotek	Anbor	74.00	Inboten Ant	Horizontal	
14820.00	Pit*00	p	Anboten	74.00	abotek	Horizontal	
Average value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization	
4940.00	19.74	15.58	35.32	54.00	-18.68	Vertical	
7410.00	21.48	17.93	39.41	54.00	-14.59 M	Vertical	
9880.00	22.02	23.83	45.85	54.00	-8.15	Vertical N	
12350.00	* * nbotek	Anbo	hotek	54.00	And	Vertical	
14820.00	* *	sk Auport	And	54.00	Anbo	Vertical	
4940.00	19.72	15.58 NO	35.30	54.00	-18.70	Horizontal	
7410.00	21.83 Ant	17.93	o ^{te^k 39.76 pr^{b0}}	54.00	-14.24 o ^{ve}	Horizontal	
9880.00	20.01	23.83	43.84	54.00 ^{MNV}	-10.16	Horizontal	
12350.00	* tek	Anbote	Annotek	54.00	lou pr	Horizontal	
14820.00	Ant *	hotek	Anbu	54.00	Anbore A	Horizontal	

Remark:

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

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10. Emissions in frequency bands (below 1GHz)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).					
Anbotek Anbor Anbotek Anto	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
sotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 100 100 100 100 100 100 100 100 100			
not otek Anbotek	1.705-30.0	30	30			
Anbo stek anbotek	30-88 88-216	100 ** 150 **	3			
Anbo. Ar bote	216-960	200 **	3 botek Anto			
Anbore Ant	Above 960	500 Jotek Anbor	3 tek no			
Test Limit: Anborek	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9– 90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.					
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anborek			
Procedure:	ANSI C63.10-2020 section	6.6.4 Month Ann	poit An hotek			

10.1. EUT Operation

Operating Environment:

Test mode: 1: TM1: Keep the EUT in continuously transmitting mode

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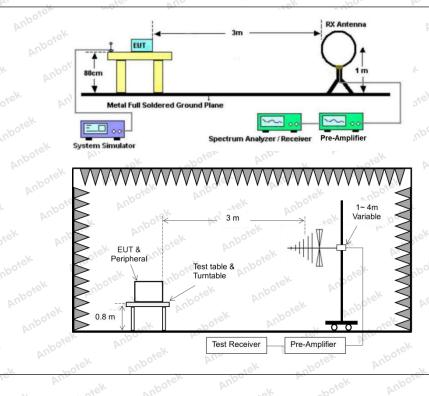
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.2. Test Setup



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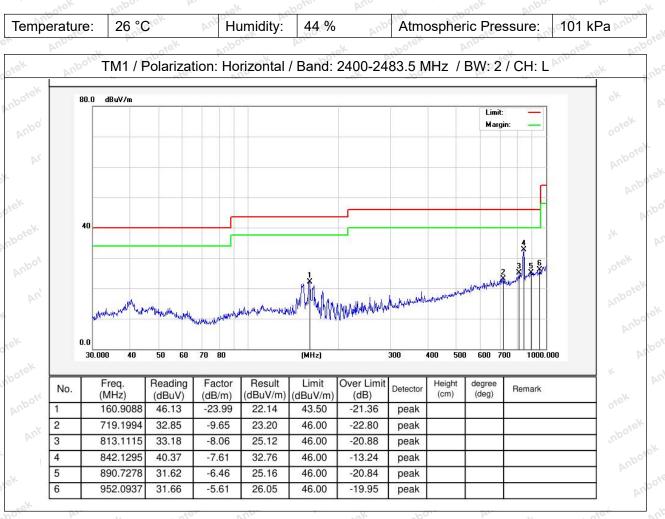




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10.3. Test Data

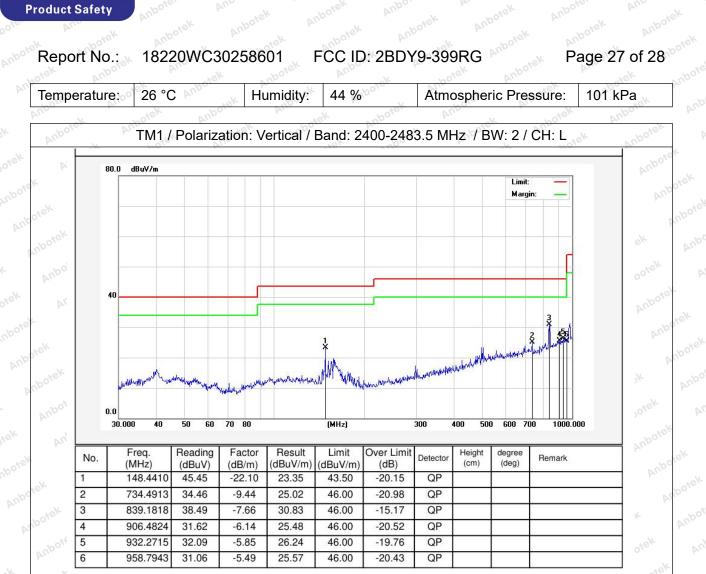
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note: Only record the worst data 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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