

 Report No.:
 182512C400301101
 FCC ID: 2AAPKDC1614
 Page 1 of 41

FCC Test Report

Applicant

Shenzhen Kingsun Enterprises Co., Ltd.

Address

25/F, CEC Information Building, Xinwen Rd., Shenzhen, Guangdong, China

Product Name

4-IN-1 BT SPEAKER LIGHT WITH WHITE NOISE MACHINE CLOCK

Report Date

: Jul. 10, 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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	TES	T REPORT	
Applicant	: Shenzhen Kingsur	n Enterprises Co., Ltd.	
Manufacturer	: Shenzhen Kingsur	n Enterprises Co., Ltd.	
Product Name	: 4-IN-1 BT SPEAKE	ER LIGHT WITH WHITE NOISE MA	CHINE CLOCK
Model No.	: SM-62682, DC-16 ⁴	14 Anbotek Anbotek Anbo	ek Anborek An
Trade Mark	* : N/A And		
Rating(s)	: Input: 5V- 0.8A(w	vith DC 3.7V, 1200mAh battery inside	e), botek Anbore
Test Standard(s)			Anbotek Anbot

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:

Jun. 25, 2024

Tu Tu Hon

(TuTu Hong)

Bolward pon

(Edward Pan)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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Hotline 400-003-0500 www.anbotek.com.cn



Jun. 25, 2024 to Jul. 03, 2024

Prepared By:



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Revision History

Report Vers	sion		Description			Issued	I Date	
Anbore R00	botek Ant	otek	Original Issue.	Inbotek	Anbote.	Jul. 10	, 2024	Anbote
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or An Anbotek	Anboten	Anbrubote	k Anbotek	Anbor	atek A'	Anbotek	Anboten	at pr

Anbc

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1. General Information

1.1. Client Information

Applicant	:	Shenzhen Kingsun Enterprises Co., Ltd.
Address	:	25/F, CEC Information Building, Xinwen Rd., Shenzhen, Guangdong, China
Manufacturer	:	Shenzhen Kingsun Enterprises Co., Ltd.
Address	:	25/F, CEC Information Building, Xinwen Rd., Shenzhen, Guangdong, China
Factory	:	Shenzhen Kingsun Enterprises Co., Ltd.
Address	:	25/F, CEC Information Building, Xinwen Rd., Shenzhen, Guangdong, China

1.2. Description of Device (EUT)

Product Name	:	4-IN-1 BT SPEAKER LIGHT WITH WHITE NOISE MACHINE CLOCK
Model No.	:	SM-62682, DC-1614 (Note: All samples are the same except the model number, so we prepare "SM-62682" for test only.)
Trade Mark	:	N/A sotek Anborek Anborek Anborek Anborek Anborek
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 botek Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 And aborek Anboren Andrek Anborek Anborek Anborek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	1.9 dBi
		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.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
At abotek Anboten	And otek unbotek	Anbor An abotek	Anboren And

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1.4. Operation channel list

Operation Band:

Operation L	and.	M. W	mote.	DUP	×0 ^K	000	M. K.
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 _{Anbote}	2402	20 00	2422	40	2442 00te	60	2462
tek 1 Anb	2403	10K 21	o ^{tek} 2423 ph ^{oo}	41	2443 And	oter 61 And	2463
botek2	2404 AM	22	2424	42	2444	62	2464
3	2405	23	2425	Anbold3	2445	63	2465
4 dotek	2406	Anno 24	2426	44	2446	64	2466
5 botek	2407	25	2427	45	2447	65,0010	2467
e ^k 6 000	2408 ⁰⁰¹⁶	26	2428	46 Anbo	2448	ret 66 prob	2468
	2409	27	2429	potek 47 An	2449	67	2469
8	2410	28	2430	48	2450	68	2470
Anbo 9 tek	2411	29	2431	49	2451	69	2471
Anbo 10 dek	2412	30	2432	50 ^{oten}	2452	70 ote	2472
11	2413	31 ^{nbore}	2433	K 51 Anbor	2453	ek 71 nbo	2473
12 And	2414	32 And	2434	ote ^k 52 Ant	2454	, ex 72	pote ^k 2474 Ant
13 AT	2415	100 ¹⁰ 33	2435	53	2455	73	2475
Anbototi	2416	34	2436	54	2456	74	2476
An15	2417	35	2437	55	2457	75 otek	2477
16	2418	36 bote	2438	56 note	2458	76	2478
17Anbor	2419	e ^k 37 pn ^{bo}	2439	tek 57 unb	2459 Moon	77	ote ^x 2479 pm ^b
otek 18 Ant	2420	oo ^{tek} 38 M	2440	58	2460	78	2480
nb ^{ote} 19	2421	39	2441	59	2461	Aupor-	Pr. abotek
10.		Par C	197	NUD-			- P

1.5. Description of Test Modes

Pretest Modes	Descriptions			
TM1 Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.			
TM2 Anbore	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.			
TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.			
Anbotek TM4 ^{nbotek}	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.			
ek Anbote TM5 Andotek	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.			

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1botek

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TM6

Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

1.6. Measurement Uncertainty

Anbote

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Anborek Anbor ek Anbor
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: Horizontal: 4.46dB; Vertical: 5.04dB; 6G-18GHz: Horizontal: 4.46dB; Vertical: 5.04dB
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 uncertai level using a coverage factor of k=2.	valuated according to AB/WI-RF-F-032. nty expressed at approximately the 95% confidence

Anbo

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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboten	AntPotek
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PAN
Maximum Conducted Output Power	Mode1,2,3	P, P
Channel Separation	Mode4,5,6	Pek
Number of Hopping Frequencies	Mode4,5,6	Anb P
Dwell Time	Mode4,5,6	P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	PAND
Band edge emissions (Radiated)	Mode1,2,3	PAN
Emissions in frequency bands (below 1GHz)	Mode1,2,3	nbore P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Anbor P
Note: Jek potek Anbore Anbore Anbore Anbore	Anto tek nbotek	Aupor

P: Pass

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		poter Ans				
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	Anboth
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
	when work	Put	ter up	· · · · · ·	where the	Put Put

Dwell	Time vote	k Anbo
Emiss	sions in non-restricte	d frequency bands
Occu	pied Bandwidth	ore Ann ok
Maxir	num Conducted Out	put Power
Chan	nel Separation	not note
Numb	per of Hopping Frequ	iencies
Item	Equipment	Manufacturer
		Provide State Stat

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A M	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
An3ote	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
4. ^{nb}	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
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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	edge emissions (Ra sions in frequency ba		Anbo.	Anbotek	Anbote.	And
ltem	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
nb4 ^{ek}	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
P5	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	2555	2022-10-16	2025-10-15
6	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
, _e %7	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek/ An	porte Ant
10°8 [%]	MXA Spectrum Analysis	Agilent	N9020A	MY511700 37	2023-10-12	2024-10-11
A.9 ote	MXG RF Vector Signal Generator	Agilent More	N5182A	MY481806 56	2023-10-12	2024-10-11
10 ^{nk}	DC Power Supply	Anbotek Anbo	TPR-6420D	374470	2023-10-20	2024-10-19
"11	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
^{00tek} 12	Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	167336	2024-02-04	2025-02-03
13	High-Pass Filter	CDKMV	ZHPF- BM1100- 4730	B2015094 550	2023-10-20	2024-10-19
_w 14	High-Pass Filter	CDKMV	ZHPF-M3.5- 18G-3834	13070065 23	2023-10-20	2024-10-19

Emis	sions in frequency b	ands (below 1GHz)	Anbotek	Anbore	And	Anbotek A
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Aupo	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2 P	Pre-amplifier	SONOMA	310N M	186860	2024-01-17	2025-01-16
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5 Anbo	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Albotek	Anborek

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2. Antenna requirement

hotek Anbo.	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
And	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 unbot	of an antenna that uses a unique coupling to the intentional radiator shall be
an Anbor h	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 **1.9 dBi**. It complies with the standard requirement.

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3. Conducted Emission at AC power line

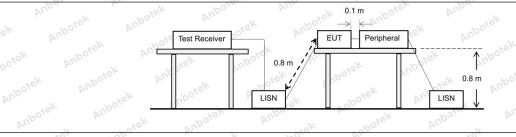
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency 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 t	the frequency.	pr. botek and
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



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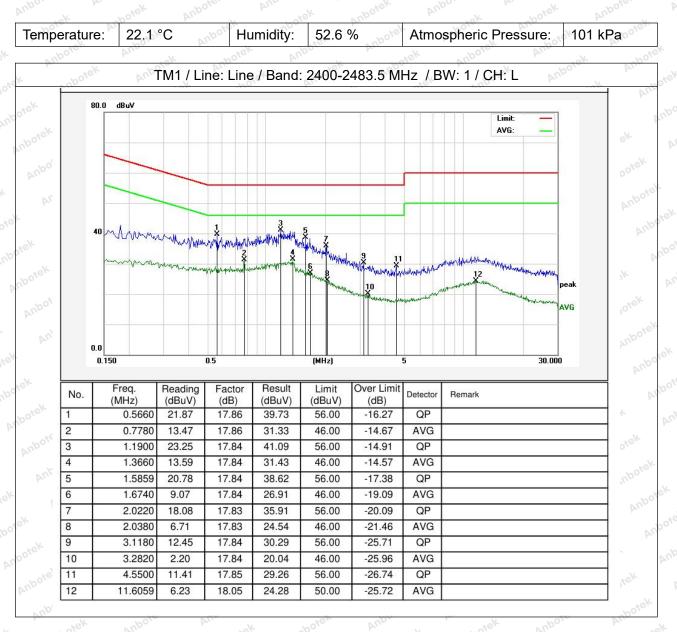
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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3.3. Test Data

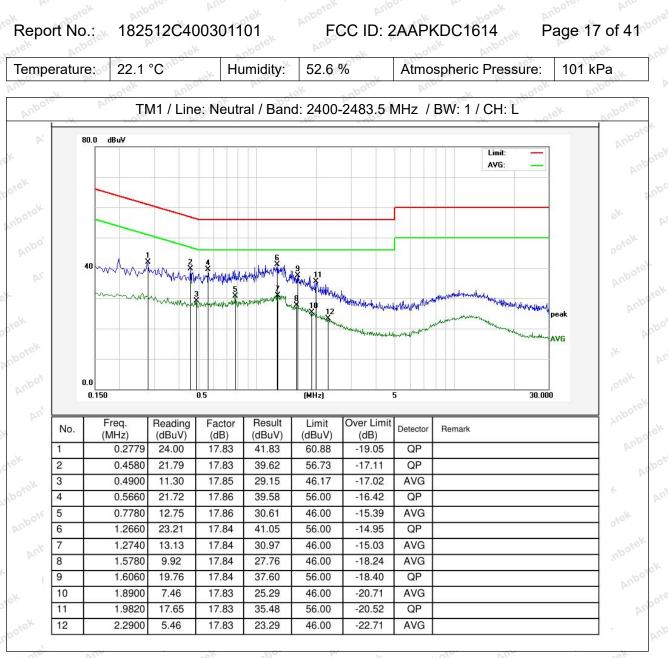


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Note: Only record the worst data in the report.

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4. Occupied Bandwidth

47 CFR 15.247(a)(1)
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.
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
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 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 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 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 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 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 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:

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Anb





Report No.:182512C400301101FCC ID: 2AAPKDC1614Page 19 of 41Test 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.

4.2. Test Setup

Anborek	EUT	[Spectrum A	Analyzer	
	An-	abotek	Anb		hote

4.3. Test Data

Temperature: 25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa	10 ¹
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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:	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. 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.
tek Anbotek Anb	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.
Anbotek Anbotek	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied
ek Anbotek Anbo	bandwidth of the unlicensed wireless device, rather than a spectrum 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- 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.

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5.2. Test Setup

~	Anbotek		EUT	Spec	ctrum Analyzer	PL		Anbotek	
, e	K anbotek	Anborc	AI.	Anboter	And	Anbotek	Anbotek	Anbor	

5.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
- AV	.V. 100'	[24]	_26.	No. No.	~O.

Please Refer to Appendix for Details.

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6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: http://www.andorek	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 Anborek Procedure: Anborek Anborek Anborek Anborek	 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.
botek 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- 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

potek Anbotek An	EUT .		Spectrum Ana		otek A	Anbotek Am	21
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6.3. Test Data	Anbore	Annotek	Anbotek	Anbo	nbotek	Anboro	

6.3. Test Data

.0	Temperature:	25.5 °C	Humidity:	47 %	Aupo	Atmos	pheric F	Pressure:	101 kPa	le
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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 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 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.
Procedure:	 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 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; otek Anboi Anboitek Anboitek Anboitek Anboitek An
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

Anbotek Anbo	otek p	EUT	Spectrum Anal	yzer Anbotek	Anbotek
7.3. Test Dat	ta nbotek	Anbotek Anbo	abotek Anbotek	Anbote: Anbo	iek Anbotek
Temperature:	25.5 °C	Humidity:	47 % A	Atmospheric Pressure:	101 kPa
Please Refer to	o Appendix f	or Details	Anbotek Anbo	hek abotek	Anborek Ant

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8. Dwell Time

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Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anbotek Anbotek Anbotek Anbotek	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 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
	The dwell time per hop on a channel is the time from the start of the first transmission to the end of the last transmission for that hop. If the device has a single transmission per hop then the dwell time is the duration of that transmission. If the device has a multiple transmissions per hop then the dwell time is measured from the start of the first transmission to the end of the last transmission.
	The time of occupancy is the total time that the device dwells on a channel over an observation period specified in the regulatory requirement. To determine the time of occupancy the spectrum analyzer will be configured to measure both the dwell time per hop and the number of times the device transmits on a specific channel in a given period.
Procedure:	The EUT shall have its hopping function enabled. Compliance with the requirements shall be made with the minimum and with the maximum number of channels enabled. If the dwell time per channel does not vary wit the number of channels than compliance with the requirements may be based on the minimum number of channels. If the device supports different dwell times per channel (example Bluetooth devices can dwell on a channel for 1, 3 or 5 time slots) then measurements can be limited to the longest dwell time with the minimum number of channels.
htek Anbotek A	Use the following spectrum analyzer settings to determine the dwell time pe hop:
	 a) Span: Zero span, centered on a hopping channel. b) RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected transmission time per hop. c) Sweep time: Set so that the start of the first transmission and end of the
ek Anbotek Ar	last transmission for the hop are clearly captured. Setting the sweep time to be slightly longer than the hopping period per channel (hopping period = 1/hopping rate) should achieve this. d) Use a video trigger, where possible with a trigger delay, so that the start of
	the transmission is clearly observed. The trigger level might need adjustmer to reduce the chance of triggering when the system hops on an adjacent channel. e) Detector function: Peak.
	f) Trace: Clear-write, single sweep. g) Place markers at the start of the first transmission on the channel and at

g) Place markers at the start of the first transmission on the channel 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 × 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- 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

er.						
potek		EUT	1	 Spectrum Ana	alyzer	
Anbotek	Anbore	Anboiter	Anb	 -botek	Anbor	

8.3. Test Data

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Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure: 101 kPa
ak bor	b.,	N. S. C.	00V	

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 Test Limit: 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 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek 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.
	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: orek hoorek Anborek Anborek Anborek Anborek Anborek Anborek	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 Envir	onment:
anbotek Anbote	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non- hopping) with GFSK modulation.
Anboten Anb	2: TX- π /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π /4 DQPSK modulation.
Anbore A	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,.
potek Anbotek	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation.
Anbotek Anbo	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

9.2. Test Setup

e¥	Anbot	EUT		Spectrum	Analyzer	
potek		oter Anb~	T T	- otek	Anbor	P

9.3. Test Data

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Temperature:	25.5 °C	Anborr	Humidity:	47 %	Anbotet	Atmospheric Pressur	e: 101 kPa
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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 in § 15.205(a), must also comp cified in § 15.209(a)(see § 15.2	ly with the			
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
w wotek	0.009-0.490	2400/F(kHz)	300 000			
nboren And	0.490-1.705	24000/F(kHz)	30 John			
a. atek anbore.	1.705-30.0	30° history	30 An			
Anbo k hotek	30-88	100 **	3tek Anborr			
anboren And	88-216	150 **	3			
A. stek unbore	216-960	200 **	3 boter Ant			
Anbo	Above 960	500 Andrew Andrew	3 notek and			
 Test Limit: ** 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 Anbore			
Procedure:	ANSI C63.10-2020 section	6.10.5.2 M	por An			

10.1. EUT Operation

Operating Envi	ronment: tek hootek Anbor Ak botek Anbore And dek
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.

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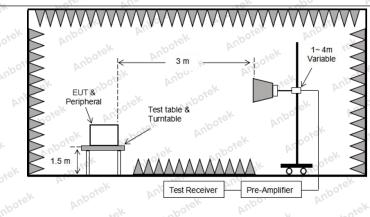
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.2. Test Setup



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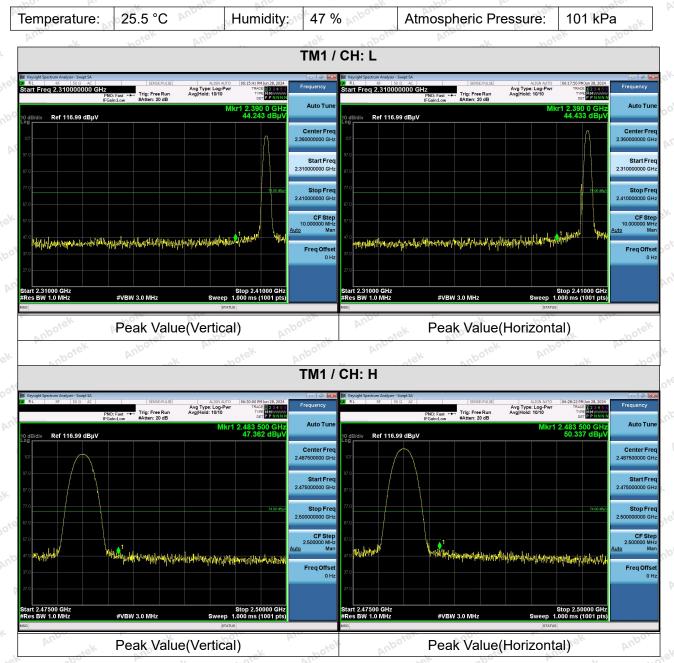
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.3. Test Data



Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 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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11. Emissions in frequency bands (below 1GHz)

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				
Anbotek Anbor	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)				
k hotek	0.009-0.490	2400/F(kHz)	300 mbore				
nboten And	0.490-1.705	24000/F(kHz)	30 notek				
and tek anbore.	1.705-30.0	30° At mo	30 And				
Anbo	30-88	100 **	3 tek Anbore				
anboten Anbo	88-216	150 **	3				
Al stek unbote	216-960	200 **	3 boten Ant				
Anbo	Above 960	500 poter Andre	3 sotek Anb				
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbote	** 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 Anbote.				
Procedure:	ANSI C63.10-2020 section	6.6.4 ph	por Ann Annbotek				

11.1. EUT Operation

Operating Envi	ronment: 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.

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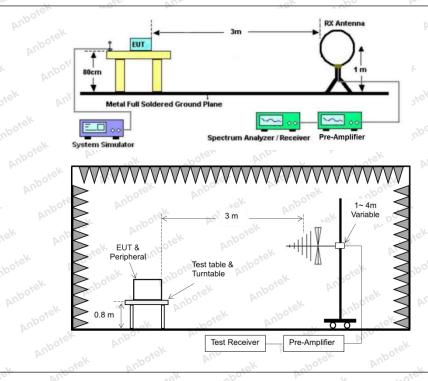
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11.2. Test Setup



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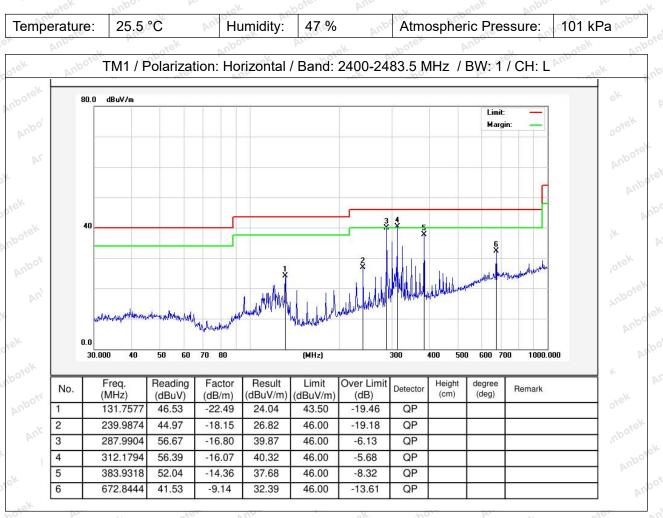




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11.3. Test Data

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

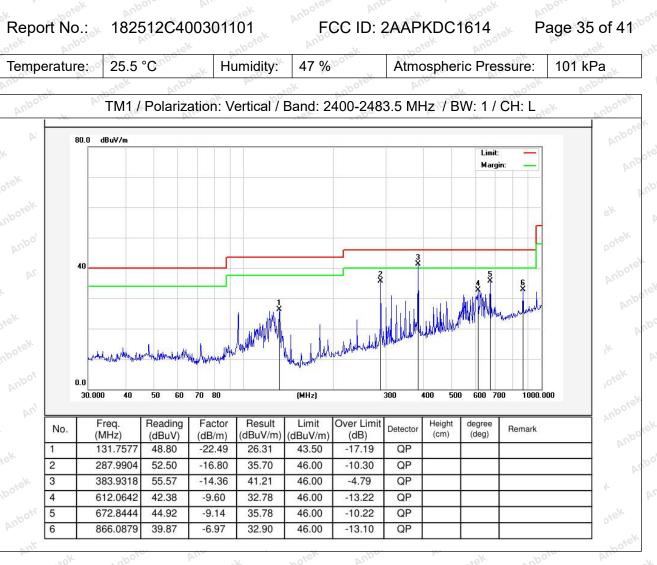


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Note: Only record the worst data in the report.

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Test Requirement:		ssions which fall in the restricted to comply with the radiated emissio 205(c)).`	
otek Anbotek A	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anbo, An Arek	0.009-0.490	2400/F(kHz)	300 mbote
abotek Anbo	0.490-1.705	24000/F(kHz)	30
An. stek anboter	1.705-30.0	30 noon An	30 And
Anbo, Ai	30-88	100 **	3 tek nopte
k abotek Anb	88-216	150 **	3.00
Altherek	216-960	200 **	3 boten pric
Test Limit:	Above 960	500 motor	3 All tek
Anbotek Anbotek	frequency bands 54-72 M However, operation within sections of this part, e.g.		⁻ 470-806 MHz.
tek Anbotek Anbo tootek Anbotek Ar	The emission limits show employing a CISPR quas 90 kHz, 110–490 kHz an	ove, the tighter limit applies at the vn in the above table are based of si-peak detector except for the fre d above 1000 MHz. Radiated em ased on measurements employing	n measurements quency bands 9– ission limits in
Test Method:	The emission limits show employing a CISPR quas 90 kHz, 110–490 kHz an these three bands are ba detector. ANSI C63.10-2020 section	vn in the above table are based of si-peak detector except for the fre d above 1000 MHz. Radiated em ased on measurements employing	n measurements quency bands 9– ission limits in

12. Emissions in frequency bands (above 1GHz)

12.1. EUT Operation

Operating Envir	ronment: tek nootek Anboi ek hotek Anboiter Ano
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.

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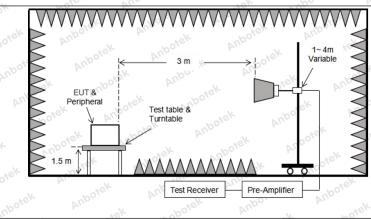
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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12.2. Test Setup



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12.3. Test Data

Temperature:	24.4 °C	Humidity:	49.9 %	Atmospheric Pressure:	101 kPa
000	Ja.	bo. Pr	No. No.	NUN.	ek bo.

		-	TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	27.64	15.27	42.91	74.00	-31.09	Vertical
7206.00	28.72	18.09	46.81	74.00	-27.19	Vertical
9608.00	29.71	23.76	53.47	74.00	-20.53	Vertical
12010.00	Anbote * Ar	in the second	hotek Anb	74.00	otek Anbott	Vertical
14412.00	Anbo*ek	Anbo	-botek P	74.00	atek ant	Vertical
4804.00	27.98	15.27	43.25	74.00	-30.75	Horizontal
7206.00	29.07	18.09	47.16	74.00	-26.84	Horizontal
9608.00	28.44	23.76	52.20	74.00	-21.80	Horizontal
12010.00	potek * Anbo	nk ho	rek Anbore.	74.00	t anbotek	Horizontal
14412.00	-botek* An	pore Ann	atek anbo	74.00 ⁰⁰⁰	where the store	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.02	15.27	32.29	54.00	-21.71	Vertical
7206.00	17.75 ⁰⁰⁰	18.09	35.84	54.00	-18.16	Vertical
9608.00	18.73	23.76	42.49 Mar	54.00	-11.51	Vertical
12010.00	hotek	Anbore An	stek or	o ^{otel} 54.00 phot	oc to	Vertical Vertical
14412.00	Art * tek	Anboten	Anbo	54.00	ipore Arre	Vertical
4804.00	16.33	15.27	31.60	54.00	-22.40	Horizontal
7206.00	18.13	18.09	36.22	54.00	-17.78	Horizontal
9608.00	17.75 ⁰⁰¹⁶	23.76	41.51	54.00	-12.49	Horizontal
12010.00	otek * ant	otek Anbo	tode the	54.00	Ann	Horizontal
14412.00	no *	botek Ant	Not Print	54.00 vo	er Anb	Horizontal

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otek Anbors	Am	anboten	And	hotek	Anbors A	stek v
		-	TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	27.66	15.42	43.08	74.00	-30.92 ¹⁰⁰	Vertical
7323.00	28.57	18.02	46.59	74.00	-27.41	Vertical
9764.00	28.72	23.80	52.52	74.00	-21.48	Vertical
12205.00	ek * hotel	Anbo.	h. hotek	74.00	Ann	Vertical
14646.00	*	rek Anbore	Ant	74.00	Anbo	Vertical
4882.00	27.68	15.42	43.10	74.00	-30.90	Horizontal
7323.00	29.06	18.02	47.08	74.00	-26.92	Horizontal
9764.00	28.14	23.80	51.94	74.00	-22.06	Horizontal
12205.00	* tek	Anbote	Ann	74.00	Inbo. P.	Horizontal
14646.00	A *	Anbotek	Anbo	74.00	Anboton	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	16.75	15.42	32.17	54.00	-21.83	Vertical
7323.00	17.85	18.02	35.87	54.00	-18.13	Vertical
9764.00	18.59	23.80	42.39	54.00	-11.61	Vertical
12205.00	K Anbore	An	anboten	54.00	abotek.	Vertical
14646.00	otek * Anbot	And	ek spotek	54.00	A	Vertical
4882.00	16.24	otek 15.42 mbo	31.66	54.00 ^{ove}	-22.34	Horizontal
7323.00	17.69	18.02	35.71	54.00	-18.29	Horizontal

42.06

54.00

54.00

54.00

-11.94

23.80

18.26

*

*

9764.00

12205.00

14646.00

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Hotline 400-003-0500 www.anbotek.com.cn



Horizontal

Horizontal

Horizontal

Anbotek Product Safety

		-	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarizatior
4960.00	27.93	15.58	43.51	74.00	-30.49	Vertical
7440.00	28.58	17.93	46.51	74.00	-27.49	Vertical
9920.00	29.27	23.83	53.10	74.00	-20.90	Vertical
12400.00	A. hotek	Anboten	Anu	74.00	Anboit	Vertical
14880.00	* And	tek nbotel	Anbo	74.00	Anboret	Vertical
4960.00	o ^{otel} 27.75 An ^{bo}	15.58	43.33	74.00	-30.67	Horizontal
7440.00	29.09	17.93	47.02	74.00	-26.98	Horizontal
9920.00	28.82	23.83	52.65	74.00	-21.35	Horizontal
12400.00	Ano *	abotek	Aupo, b	74.00	Inboten Ant	Horizontal
14880.00	Ar*Do.	hinotek	Anbore	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatior
4960.00	17.87	15.58	33.45	54.00	-20.55	Vertical
7440.00	18.86	17.93	36.79	54.00	bone-17.21 M	Vertical
9920.00	19.14	23.83	42.97	54.00	-11.03	Vertical P
12400.00	K * nbotek	Anbor	pri hotek	54.00	And	Vertical
14880.00	* the short	Anboto.	Ant	54.00	Anbo	Vertical
4960.00	17.68	otek 15.58 mot	33.26	54.00 otex	-20.74	Horizontal
7440.00	19.06 Ant	17.93	2010 ^{KeK} 36.99 pr ¹⁰⁰	54.00	.ek -17.01.001	Horizontal
9920.00	18.16	23.83	41.99	54.00 And	-12.01	Horizontal
60.	LA.	200	- CV		140°	

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Remark:

12400.00

14880.00

- 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.

54.00

54.00

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

* ...

*

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Horizontal

Horizontal



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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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