

 Report No.:
 18220WC40086301
 FCC ID: 2AL7B-OZ-TP10
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FCC Test Report

Applicant : Shenzhen Welldy Technology Co., Limited

Address

4F, C Block Yili Technology Park, Guanhu Street, Longhua District, Shenzhen, China

Product Name : Bluetooth Speaker

Report Date : Aug. 12, 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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10.1. EUT Operation	An Anbore Ant	
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	TEST	REPORT	
Applicant	: Shenzhen Welldy T	echnology Co., Limited	botek Anbotek
Manufacturer	: Shenzhen Welldy T	echnology Co., Limited	Anbotek Anbotek
Product Name	: Bluetooth Speaker	nbotek Anbotek Anbotek	
Model No.	: OZ-TP10		
Trade Mark	iek : N/A Andorek		
Rating(s)	: Input: 5.0V-2.0A (47 CFR Part 15.24	with DC 7.4V, 1800mAh battery insic 7	le) ^{tek} Anborek
Test Standard(s)) : ANSI C63.10-2020		Anbotek Anbot
The device descr	ibed above is tested by Shen:	zhen Anbotek Compliance Laborator	y Limited to

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:

repared By:

Apr. 26, 2024

Apr. 26, 2024 to Aug. 12, 2024

Nian xiu Chen

(Nianxiu Chen)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

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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Revision History

Report Ver	rsion		Description			Issue	d Date	
R00	abotek Ant	otek	Original Issue.	Anbotek	Anbore	Aug. 12	2, 2024	Anbote
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ote Ant	Anboter	Anbubote	k Anbotek	Anbor	otek A	Anbotek	Anbotek	ek.

Anbc

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1. General Information

1.1. Client Information

Applicant	: Shenzhen Welldy Technology Co., Limited
Address	4F, C Block Yili Technology Park, Guanhu Street, Longhua District, Shenzhen, China
Manufacturer	: Shenzhen Welldy Technology Co., Limited
Address	4F, C Block Yili Technology Park, Guanhu Street, Longhua District, Shenzhen, China
Factory	: Shenzhen Welldy Technology Co., Limited
Address	4F, C Block Yili Technology Park, Guanhu Street, Longhua District, Shenzhen, China

1.2. Description of Device (EUT)

Product Name	:	Bluetooth Speaker
Model No.	:	OZ-TP10
Trade Mark	:	N/A ^{botek} Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz; DC 7.4V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A Anborek Anborek Anborek Anborek Anborek
RF Specification	<u> </u>	
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 And Lotek Anborek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	-0.58dBi
		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

-10°. P.	NUR VUR	New Your P	AT A A A A A A A A A A A A A A A A A A
Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi Mootek	MDY-11-EX	SA62212LA04358J
Pitt Poles	Aup	abolt All	L Loter Anbo

1.4. Operation channel list

Operation Band:

Operation B	and: 🔊	1 de	oter And		stek onb	0. b.	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anboter	2402	20	2422	40	2442	60 ex	2462
Antorek	2403	21otek	2423	41 otek	2443	61	2463
2 nboter	2404	· 22 nbote	2424	42	× 2444 × 2444	62	2464
K 3 Aupor	2405	stek 23 Anto	2425 March 2425	43	pote ^k 2445 pr ^{bs}	63	2465
otek 4 pri	2406	24	2426	44	2446	64	2466
nbot5	2407	25	2427	45 ×	2447	65	2467
n6 tek	2408	26	2428	46	2448	66	2468
7 nbotek	2409	27	2429	47	2449	67.100	2469
8 Anbol	2410	28	2430	48	2450	^{ek} 68 ^{knbo}	2470
rek 9 An	otek 2411 Anbr	29	2431	49	2451	o ^{otek} 69 M	2471
10	2412	30	2432	mbol 50	2452	Anb ^o 70	2472
11ek	2413	Anboa 31	2433	An ¹⁵ 51	2453	An71 ¹⁰¹	2473
12 otek	2414	32	2434	52	2454	7,200101	2474
13	2415	33	2435	53 mbon	2455	× 73 Anbot	2475
14	ote ^k 2416 priod	34 4.00	2436	otek 54 And	2456	otek 74 An	2476
15	2417	35	2437	nb ^{otek} 55	2457	100 ¹⁷⁵	2477
16	2418	An ^{bo} 36	2438	56	2458	76	2478
Anbor 17 tek	2419	37	2439	57°**	2459	77 otek	2479
18	2420	38	2440	58 pote	2460	78 78 mo	2480
19 ²⁰⁰	2421	^{3K} 39 Anbo	2441	rek 59 Anbe	2461	nek - nt	jotek - Ar

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1.5. Description of Test Modes

Pretest Modes	Descriptions
Minborek TM1 bore kek	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
TM2 Anotek	Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation.
TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
TM4 et And	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
Anotek TM5 ootek	Keep the EUT in continuously transmitting mode (hopping) with $π/4$ DQPSK modulation.
Anborek TM6 Anbore	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

1.6. Measurement Uncertainty

Uncertainty
3.8dBet Antore And Antoret Antoret
925Hz
0.76dB
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB at Anboret Anbouret
Horizontal: 3.92dB; Vertical: 4.52dB

uncertainty represents an expanded uncertainty expressed at appr oximately the I his level using a coverage factor of k=2

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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An obotek Anboten	AntPotek
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PAR
Maximum Conducted Output Power	Mode1,2,3	P As
Channel Separation	Mode4,5,6	Pk
Number of Hopping Frequencies	Mode4,5,6	Anbor Potek
Dwell Time	Mode4,5,6	P ^A
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	Panb
Band edge emissions (Radiated)	Mode1,2,3	P An
Emissions in frequency bands (below 1GHz)	Mode1,2,3	nbore P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	AnborP
Note: http://www.http://www	Anto-	Anbor

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 Er	nission at AC	power line

~00	17 N	All'		N	Nº V	100 ¹⁰
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	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2024-01-17	2025-01-16
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	rek /Anbotek	Anboi
	toda too	p	Net VUL		all abo	be.

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

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A M	2023-10-16	2024-10-15
DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03
	Constant Temperature Humidity Chamber DC Power Supply Spectrum Analyzer MXA Spectrum Analysis Oscilloscope MXG RF Vector	Constant Temperature Humidity ChamberZHONGJIANDC Power SupplyIVYTECHSpectrum AnalyzerRohde & SchwarzMXA Spectrum AnalysisKEYSIGHTOscilloscopeTektronixMXG RF VectorAgilent	Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BDC Power SupplyIVYTECHIV3605Spectrum AnalyzerRohde & SchwarzFSV40-NMXA Spectrum AnalysisKEYSIGHTN9020AOscilloscopeTektronixMDO3012MXG RF VectorAnilentN5182A	Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BN/ADC Power SupplyIVYTECHIV36051804D360 510Spectrum AnalyzerRohde & SchwarzFSV40-N102150MXA Spectrum AnalysisKEYSIGHTN9020AMY505318 23OscilloscopeTektronixMDO3012C020298MXG RF VectorAgilentN5182AMY474206	Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BN/A2023-10-16DC Power SupplyIVYTECHIV36051804D360 5102023-10-20Spectrum AnalyzerRohde & SchwarzFSV40-N1021502024-05-06MXA Spectrum AnalysisKEYSIGHTN9020AMY505318

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	edge emissions (Ra sions in frequency b		Anboren	Anbotek	Anbotek	Anborek
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	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
1 ¹⁰ 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anb	Anbotek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
ر ^{و/4} 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06
800	Double Ridged Horn Antenna	Chengyi Electronics Co., td.	GTH-0118	351600	2022-11-02	2024-11-01
bole		CO., IQ.	Aupo	hotok	Aupore	An-

Emis	sions in frequency ba	ands (below 1GHz)			ek Aupo,	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
e [⊮] 1	Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	01109	2022-10-16	2025-10-15
2	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
3ºte	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
4.nb	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345,000	2022-10-23	2025-10-22
5	EMI Test Software EZ-EMC	SHURPLE	bote N/A Ant	otek N/A Ant	porek / Ant	ptek / Anboter

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2. Antenna requirement

		Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
		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
		of an antenna that uses a unique coupling to the intentional radiator shall be
8		considered sufficient to comply with the provisions of this section.

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is -0.58dBi . It complies with the standard requirement.

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3. Conducted Emission at AC power line

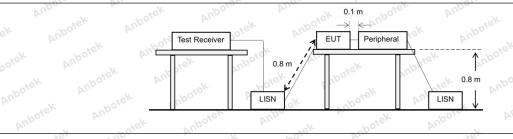
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that by frequency or frequencie t exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as		
botek Anbote	Frequency of emission (MHz)	Conducted limit (dBµV)	Annatek		
	Anbo k hotek Anboro	Quasi-peak	Average		
Anbois An.	0.15-0.5	66 to 56*	56 to 46*		
Test Limit:	0.5-5 det moore And	56 botek An	46		
	5-30 photo the state h	60	50 ter And		
	*Decreases with the logarithm of the frequency.				
Test Method:	ANSI C63.10-2020 section 6.2	botek Anbote	Andatek		
Procedure:	Refer to ANSI C63.10-2020 sectio line conducted emissions from un				

3.1. EUT Operation

Operating Environment:

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

3.2. Test Setup



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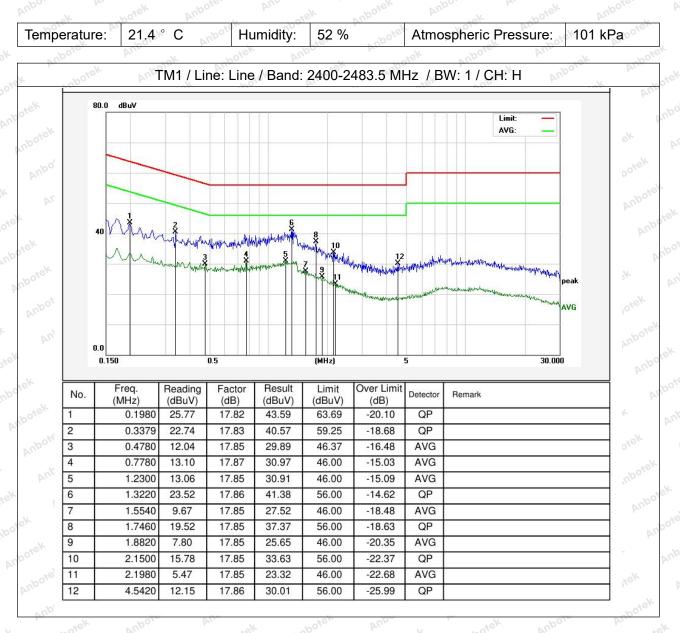
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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3.3. Test Data

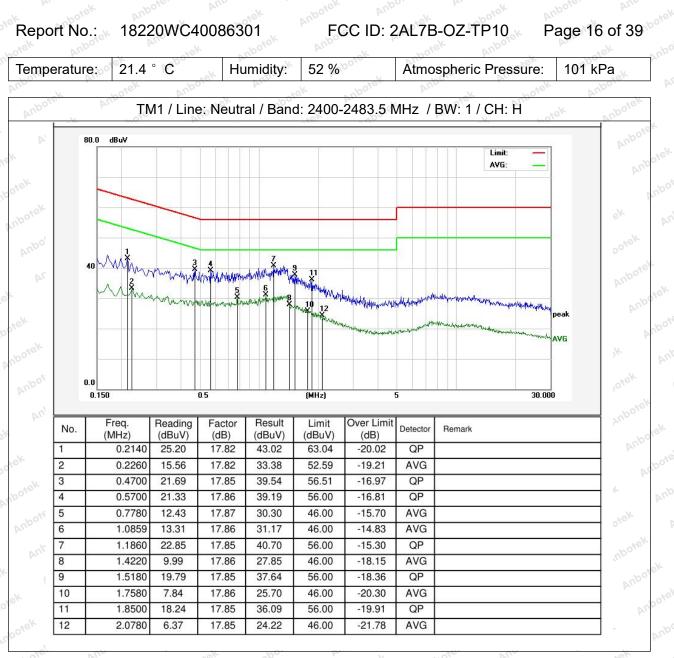


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Note: Only record the worst data in the report.

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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(1)
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
Anbotek Anbotek Anbotek nbotek Anbotek Anb Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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.
tek Anborn Ar. Ibotek Anbotek A Anbotek Anbotek	 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
Procedure:	 specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and 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.
Anboten Anbo Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek An Anbotek Anbotek An	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:

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

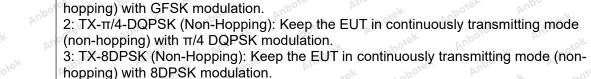
Shenzhen Anbotek Compliance Laboratory Limited

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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4.2. Test Setup

otek		EUT	A.10	Spectrum Analyzer		Anbotek	5
Anbotek	Anbotek	botek	Anbor	A'' otek onb	oter-	Anbotek	

4.3. Test Data

Tempe	erature:	25.3°C	Humidity:	46 %	Atmospheric Pressure:	101 kPa	Anbo

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:	 c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold.
	 g) Allow trace to stabilize. h) Use the marker-to-peak function to set the marker to the peak of the emission.
	i) The indicated level is the peak output power, after any corrections for external attenuators and cables.j) A spectral plot of the test results and setup description shall be included in the test report.
	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum
AUR	analyzer.

5.1. EUT Operation

Operating Envir	ronment: Anbo K Sotek Anbote And set sotek
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

4			EUT	Spe	ctrum Analyzer	Ar		Anbotek	
ovel	Anto	Anboitc	A'''	Anboter	And-	Anborek	Anbotek	Anbo	

5.3. Test Data

Temperature:	25.3°	Co	Humidity:	46 %	Atmospheric Pressure:	101 kPa
AV.	No.	~O.	184 L		NV NV	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	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:	 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 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- 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

.c/	potek Anbotek An'	EUT	Spectrum Analyzer	otek Anbotek And
	6.3. Test Data	Ant Anbotek Anbo	tek Anborn An	otek Anboten Anb

Tempe	erature:	25.3°C	Humidity:	46 %	Atmospheric Pressure:	101 kPa
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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 Anbov Anbovek Anbovek Anbovek A
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

7.3. Test Dat	abotek					anbore
emperature:	25.3° C	Humid	ity: 46 %	Atmospl	neric Pressure:	101 kPa

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8. Dwell Time

hup hu	10de	Pu.	Notek.	- Anbo	h.	bolie
Test Requirement:	47 CFR 15.2	47(a)(1)(iii)	And	~botek	Anbore	All
Test Limit:	2483.5 MHz occupancy o period of 0.4 employed. F	band shall u n any chann seconds mu requency ho s on a partic	a)(1)(iii), Fequ se at least 15 el shall not be Iltiplied by the pping systems ular hopping fi	channels. Th greater than number of h may avoid o	ne average tir 0.4 seconds opping chann or suppress	ne of within a els
Test Method:	ANSI C63.10 KDB 558074		on 7.8.4 ′ Meas Guidan	ce v05r02	Anbortek	Anbotek
	transmission a single trans transmission	to the end o smission per If the devic	n a channel is of the last trans hop then the e has a multip om the start o	mission for t dwell time is le transmissi	that hop. If the the duration ons per hop t	e device has of that hen the
	the last trans	mission.				
	over an obse determine th measure bot	ervation perio e time of oco h the dwell t	the total time od specified in cupancy the sp me per hop ar nannel in a give	the regulato pectrum anal nd the numbe	ry requiremer yzer will be co	nt. To onfigured to
	requirements number of ch	s shall be ma nannels enat	opping function ade with the m bled. If the dwe han compliance	inimum and v ell time per cl	with the maxi hannel does r	mum not vary witl
Procedure:	dwell times p for 1, 3 or 5 t	er channel (ime slots) th	umber of chan example Bluet en measurem um number of	tooth devices ents can be l	s can dwell or	n a channel
	Use the follo hop:	wing spectru	ım analyzer se	ettings to dete	ermine the dv	vell time per
	b) RBW shal	l be ≤ chann	ered on a hop el spacing and le expected tra	where poss	ible RBW sh	ould be
k Anbotek Anbo	last transmis	sion for the	at the start of t hop are clearly	captured. S	etting the swe	eep time to
	1/hopping ra d) Use a vide the transmiss	te) should a eo trigger, wl sion is clearl	here possible v y observed. Th	with a trigger ne trigger lev	delay, so tha el might need	t the start o I adjustmen
	channel. e) Detector f	unction: Pea		n the system	hops on an a	idjacent
	f) Trace: Clea g) Place mar		le sweep. tart of the first	transmission	n on the chan	nel 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	ronment: And
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

ootek			EUT		 Spectrum Ana	alyzer	
Anbotek	Anboten	rek.	Anboten	Anb	 r	Anbor	Ant

8.3. Test Data

	- A O V	de la	NO.	A. AND
Temperature:	25.3°C	Humidity:	46 %	Atmospheric Pressure: 101 kPa
ek	be.	N NOT	000	ak bo, b,

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
Test Limit: 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 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

6	Anbot	EUT		Spectrum A	nalyzer	
0		oten Anb	r. V	kotek	Anbor	

9.3. Test Data

		N 100.		New York	
Temperature:	25.3° C	Humidity:	46 %	Atmospheric Pressure:	101 kPa
100	DV.	10V		W MO' P''	

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 ccified in § 15.209(a)(see § 15.2	ly with the woon	
Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	
botek Anbotek	0.009-0.490	2400/F(kHz) 24000/F(kHz)	300 300 300 300 300 300 300 300 300 300	
and abotek Anbotek	1.705-30.0 30-88	30 100 **	30 3	
Annotek Anboter	88-216	150 **	3	
Anbotek Anbote	216-960 Above 960	200 ** 500	3 tek nb	
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			
Procedure:	ANSI C63.10-2020 section	6.10.5.2	ore An hotek	

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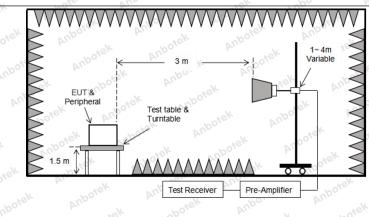
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.2. Test Setup



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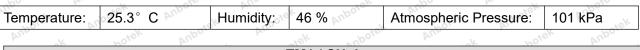
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com

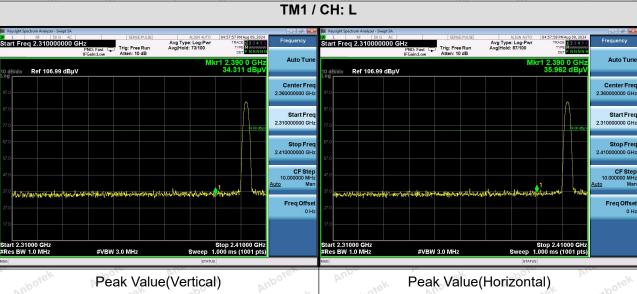


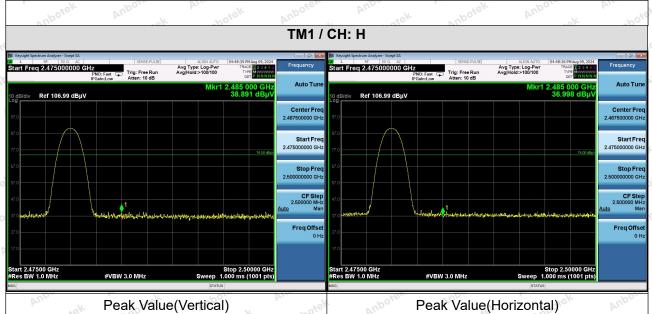


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10.3. Test Data







Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 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	
Anbo	Above 960	500 poter Anbo	3 stek onb	
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbo	** 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	por An	

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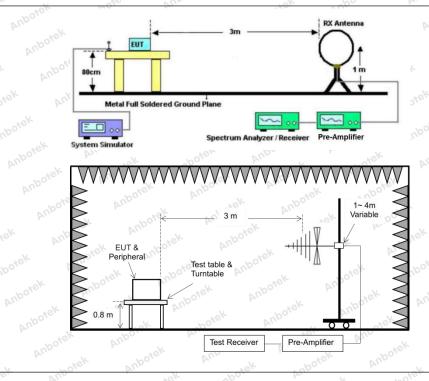
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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11.2. Test Setup



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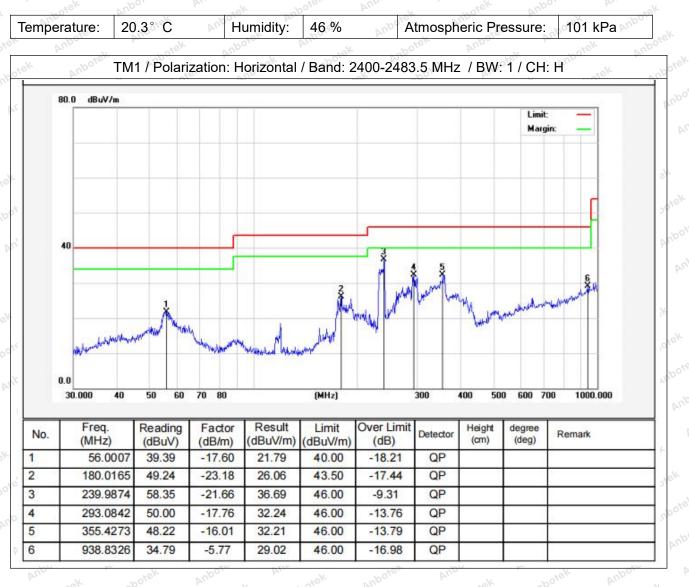




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11.3. Test Data

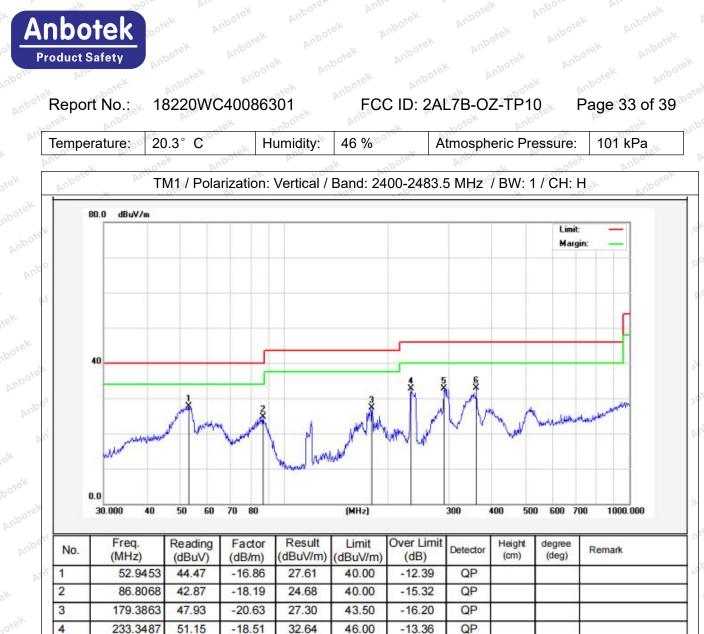
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note: Only record the worst data in the report.

49.36

47.76

32.77

32.88

-16.59

-14.88

46.00

46.00

290.0172

360.4476

5

6

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QP

QP

-13.23

-13.12



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12. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted background by the radiated emission $\overline{b}(c)$.	
k Anbotek Anbot otek Anbotek Ant	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 Anbotek	1.705-30.0 30-88	30 100 **	30 3
Anbotek Anbote	88-216 216-960	150 ** 200 **	3
Test Limit:		500 ragraph (g), fundamental emissi	
nbotek Anbotek F	frequency bands 54-72 MH	ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt	470-806 MHz.
Anboten Anbotek	sections of this part, e.g., §		
Anbotek Anbotel	employing a CISPR quasi-p	in the above table are based on beak detector except for the freq	uency bands 9–
tek Anbotek Anbr		above 1000 MHz. Radiated emis d on measurements employing	
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anbote.
Procedure:	ANSI C63.10-2020 section	6.6.4 ph	pore Ann Annotek

12.1. EUT Operation

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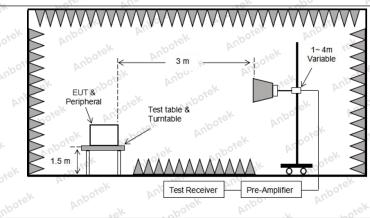
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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12.2. Test Setup



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12.3. Test Data

Temperature:	25.3°C	Humidity:	46 % pribole	Atmospheric Pressure:	101 kPa
- 0Y		DX.		- CY	

		-	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	28.00	15.27	43.27	74.00	-30.73	Vertical
7206.00	29.02	18.09	47.11	74.00	-26.89	Vertical
9608.00	30.13	23.76	53.89	74.00	-20.11	Vertical
12010.00	Anbote * Ar	10- No-	botek Anb	74.00	otek Anbote	Vertical
14412.00	Anbo*ek	Anbo	hotek A	74.00	stek ont	Vertical
4804.00	28.31	15.27	43.58	74.00	-30.42	Horizontal
7206.00	29.50	18.09	47.59	74.00	-26.41	Horizontal
9608.00	28.59	23.76	52.35	74.00	-21.65	Horizontal
12010.00	otek * Anbo	ak no	rek Anbote.	74.00	r nbotek	Horizontal
14412.00	botek* An	pore Ant	otek anbo	74.00 ¹⁰⁰	walk woote	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.38	15.27	32.65	54.00	-21.35	Vertical
7206.00	18.05	18.09	36.14	54.00	-17.86	Vertical
9608.00	19.15	23.76	42.91	54.00	-11.09	Vertical
12010.00	notet	Anboten An	-iek	54.00 × 54	er bi	Vertical ^o
14412.00	Ant * tek	abotek	Anbo, A	54.00	bote. And	Vertical
4804.00	16.66	15.27	31.93	54.00	-22.07	Horizontal
7206.00	18.56	18.09	36.65	54.00	-17.35	Horizontal
9608.00	17.90	23.76	41.66	54.00	-12.34	Horizontal
12010.00	* *	otek Anbo.	pr. not	54.00	And	Horizontal
14412.00	who *	botek Ant	ore And	54.00	ek Anbo	Horizontal
		1100	191	0	N	10 011

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		٦	ГМ1 / СН: М			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.02	15.42	43.44	74.00	-30.56	Vertical
7323.00	28.87	18.02	46.89	74.00	-27.11	Vertical
9764.00	29.14	23.80	52.94	74.00	-21.06	Vertical
12205.00	ek * spotek	Anbor	pr. hotek	74.00	Ano	Vertical
14646.00	*	rek Anbore	Ann	74.00	Anbo	Vertical
4882.00	28.01	15.42	43.43	74.00	-30.57	Horizontal
7323.00	29.49	18.02	47.51	74.00	-26.49	Horizontal
9764.00	28.29	23.80	52.09	74.00	-21.91	Horizontal
12205.00	* votek	Anbote	Ann	74.00	upo. A.	Horizontal
14646.00	Ant stok	Anbotek	Anbo	74.00	Anboten	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.11	15.42	32.53	54.00	-21.47	Vertical
7323.00	18.15	18.02	36.17	54.00	-17.83 ^{Mar}	Vertical
9764.00	19.01	23.80	42.81	54.00	-11.19	Vertical
12205.00	k ¥upore	Ann	Anboten	54.00	abotek	Vertical
14646.00	otek * Anbot	Anbe	ek abotek	54.00	Annotek	Vertical
4882.00	16.57	o ¹⁶ 15.42	31.99	54.00	-22.01	Horizontal
7323.00	18.12	18.02	36.14	54.00	-17.86	Horizontal
9764.00	18.41	23.80	42.21	54.00	bote - 11.79 pmb	Horizontal
12205.00	Antorek	Anbo	abotek	54.00	wotek D	Horizontal
14646.00	* botek	Anbor	A	54.00	Anu	Horizontal

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rek Anbois				hotek	Anbor A	-tek
		-	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarizatio
4960.00	28.29	15.58	43.87	74.00	ote ^k -30.13	Vertical
7440.00	28.88	17.93	46.81	74.00	-27.19	Vertical
9920.00	29.69	23.83	53.52	74.00	-20.48	Vertical
12400.00	* wotek	Anboten	And	74.00	Anbor	Vertical
14880.00	* Aur	rek nbotel	Anbor	74.00	Anbote	Vertical
4960.00	28.08	15.58	43.66	74.00	-30.34	Horizontal
7440.00	29.52	17.93	47.45	74.00	-26.55	Horizontal
9920.00	28.97	23.83	52.80	74.00	-21.20	Horizonta
12400.00	And *	abotek	Aupo, b	74.00	Inboten An	Horizonta
14880.00	Artho .	hotek	Anboret	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4960.00	18.23	15.58	33.81	54.00	-20.19	Vertical
7440.00	19.16	17.93	37.09	54.00	2001e-16.91 pm	Vertical
9920.00	19.56	23.83	43.39	54.00	-10.61	Vertical
12400.00	* spotek	Anbo	w. hotek	54.00	An	Vertical

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54.00

54.00

54.00

54.00

54.00

54.00

-20.41

-16.58

-11.86

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Remark:

14880.00

4960.00

7440.00

9920.00

12400.00

14880.00

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

33.59

37.42

42.14

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

*

18.01

19.49

18.31

*

* .0

15.58

17.93

23.83

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Vertical

Horizontal

Horizontal

Horizontal

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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