

 Report No.:
 18220WC40074701
 FCC ID: 2ABC5-E0054
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# FCC Test Report

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Ap	plic	ant
-	- 120	

# SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.

- Address
- Bld.2, Yingfeng Industrial Zone, TantouCommunity, Songgang Street, Baoan, Shenzhen, China
- Product Name : Android Tablet
- Report Date : May 28, 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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Shenzhen Anbotek Compliance Laboratory Limited
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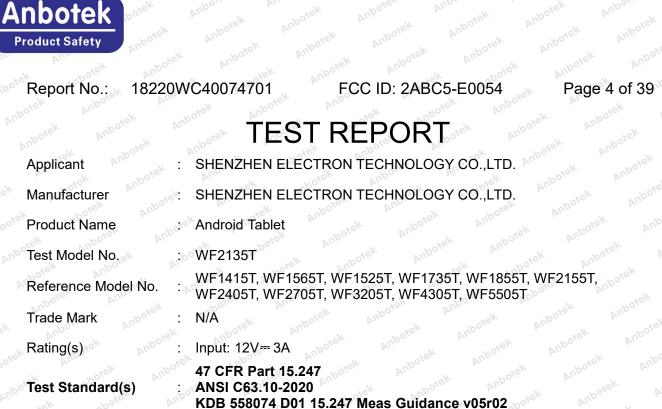


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The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement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

Date of Receipt:

Date of Test:

Apr. 13, 2024

Apr. 15, 2024 to May 09, 2024

Nian Xiu Chen

(Nianxiu Chen)

bolward pan

(Edward Pan)

Approved & Authorized Signer:

#### Shenzhen Anbotek Compliance Laboratory Limited

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Prepared By:



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# **Revision History**

Report Version	Description	Issued Date
R00 R00	Original Issue.	May 28, 2024
Anbor Anborek	Anboten Antu Anbotek Anbotek	Anboi Anbotek Anbotek Anb
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Anbc

#### Shenzhen Anbotek Compliance Laboratory Limited

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# 1. General Information

# 1.1. Client Information

Applicant	:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang S Baoan, Shenzhen, China		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China
Manufacturer	:	SHENZHEN ELECTRON TECHNOLOGY CO., LTD.
Address : Bld.2, Yingfeng Industrial Zone, Tantou Community, Songga Baoan, Shenzhen, China		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China
Factory	:	SHENZHEN ELECTRON TECHNOLOGY CO., LTD.
		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China

# 1.2. Description of Device (EUT)

Product Name	:	Android Tablet
Test Model No.	:	WF2135T
Reference Model No.	:	WF1415T, WF1565T, WF1525T, WF1735T, WF1855T, WF2155T, WF2405T, WF2705T, WF3205T, WF4305T, WF5505T (Note: All samples are the same except the model number, so we prepare "WF2135T" for test only.)
Trade Mark	:	N/A Anborek Anborek Anborek Anborek Anborek Anborek
Test Power Supply	:	DC 12V form adapter input AC 120V/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	Manufacturer: SHENZHEN FUJIA APPLIANCE CO., LTD. Model: FJ-SW20261203000 Input: 100-240V~ 50/60Hz 1.5A Max Output: 12.0V- 3.0A, 36.0W

#### **RF** Specification

•		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 <sup>bot</sup> Att Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	FPC Antenna
Antenna Gain(Peak)	:	2.64dBi
Remark: (1) All of the RF speci	fica	ation are provided by customer.

(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

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## 1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
And Anboten	And hotek Anbotek	Anbor Alt abotek	Anboten And hote

#### 1.4. Operation channel list

Operation Band:

Operation B	anu. m	1 day	ore Arr		der no	v	Yo.
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anboto	2402	20	2422	40	2442	60 ex	2462
ANTOYER	2403	210tek	2423	41 otek	2443	61	2463
2, nboter	2404	22 Anbore	2424	42	e <sup>x</sup> 2444 <sup>0016</sup>	62	× 2464 00
ek 3 Anbo	2405	ptek 23 Anto	2425	43	pote <sup>x</sup> 2445 prib	63	2465
pote <sup>k</sup> 4 pri	2406	24	2426	44	2446	64	2466
nbot5	2407	25	2427	45 K	2447	Anboic	2467
n6 tek	2408	26	2428	And 46	2448	66	2468
7 nbotek	2409	27 bote	2429	47	2449	67,001	2469
K 8 Anbol	2410	28	2430 Martin	48	oter 2450 And	ek 68 Anbo	2470
otek 9 Ant	otek 2411 Anbe	29	2431	49 Am	2451	o <sup>otek</sup> 69 M	2471
10	2412	30	2432	10 <sup>01</sup> 50	2452	Anto 70	2472
11.ek	2413	Anbe 31	2433	51	2453	An71 en	2473
12 nek	2414	32	2434	52	2454	7,2°01er	2474
13	2415	33	2435	53 mbore	2455	* 73 Anbot	2475
. 14	ote <sup>k</sup> 2416 pr <sup>od</sup>	34 410	2436	otek 54 Anb	2456	otek 74 An	2476
15	2417	35	2437	no <sup>tek</sup> 55	2457	, 100 75	2477
16	2418	An <sup>bo</sup> 36	2438	56	2458	76	2478
Anbor 17 tek	2419	37	2439	57°**	2459	77otek	2479
18	2420	38	2440	58 pore	2460	78 not	2480
19	2421	<sup>34</sup> 39 Anbo	2441	iek 59 Antos	2461	sek - at	otek - Anbr

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# 1.5. Description of Test Modes

Pretest Modes	Descriptions		
Anborek TM1 boren A	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.		
Anbotek TM2 Anbo	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.		
nboten Anbo	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.		
Anbour Manager A	Keep the EUT in continuously transmitting mode (hopping) with $π/4$ DQPSK modulation.		
Anbotek TM6 Anbotek	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.		

#### 1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz det Andre An
Conducted Output Power	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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# 1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboten	Ante
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PAR
Maximum Conducted Output Power	Mode1,2,3	P P
Channel Separation	Mode4,5,6	Pek
Number of Hopping Frequencies	Mode4,5,6	Anbo. Potek
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	AnborP
Note: tek abotek Anbotek Anbotek Anbotek	Anti-	Anbor

P: Pass

N: N/A, not applicable

#### Shenzhen Anbotek Compliance Laboratory Limited

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#### FCC ID: 2ABC5-E0054

#### 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.

#### Shenzhen Anbotek Compliance Laboratory Limited

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## 1.10. Test Equipment List

Conducted Emission at AC power line

200	·	Loter DUP	20	X- 200	10° V	and the second
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
۰ 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
ptek 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	Anboi
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
- Au		Ronde & Ochwarz	Lou 13	100320	2023-10-12	×2024-1

Occupied Bandwidth	Anbor
Maximum Conducted Output Po	wer sotek
Channel Separation	
Number of Hopping Frequencies	s anbore
Dwell Time	v hotek
Emissions in non-restricted frequencies	uency bands

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
_1 ₂¥	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	pote <sup>k</sup> N/A An	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
An <sup>3ote</sup>	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
<b>4</b> .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
10 <sup>16.</sup>	And wotek Ar	botek Anbo	Anbotek	Anbore	AND Lotek	Anborek

#### Shenzhen Anbotek Compliance Laboratory Limited

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	edge emissions (Ra sions in frequency ba		Anbotan	Ano	Anbotek	Anbo, potek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	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
<sup>1b</sup> 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
<sup>و¥</sup> 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emissions in frequency bands (below 1GHz)

- 00	biene in nequency be						
Item	tem Equipment Manufactu		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	
Antore	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	
5.00	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A N/A	Anbo	k Anbotek	

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# 2. Antenna requirement

hotek Anbo.	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
And	ensure that no antenna other than that furnished by the responsible party
Test Requirement:	shall be used with the device. The use of a permanently attached antenna or
Ar stek anbot	of an antenna that uses a unique coupling to the intentional radiator shall be
an Anbor Ar	considered sufficient to comply with the provisions of this section.

## 2.1. Conclusion

The antenna is a **FPC antenna** which permanently attached, and the best case gain of the antenna is **2.64dBi**. It complies with the standard requirement.

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# 3. Conducted Emission at AC power line

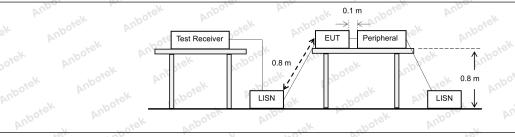
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency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

# 3.1. EUT Operation

#### **Operating Environment:**

4	
And	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
tek nbore.	hopping) with GFSK modulation.
Test mode:	2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode
Test mode.	(non-hopping) with $\pi/4$ DQPSK modulation.
lek ab	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Anbore An	hopping) with 8DPSK modulation.

# 3.2. Test Setup



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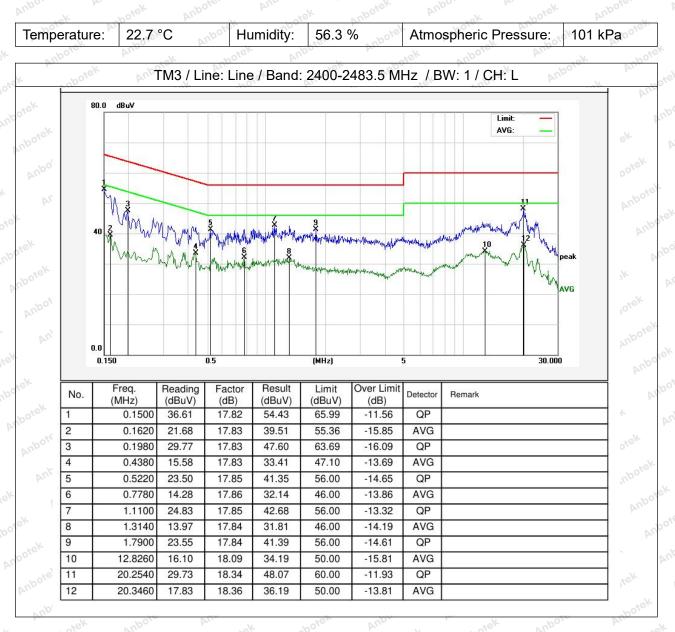


Anbotek Product Safety

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#### 3.3. Test Data

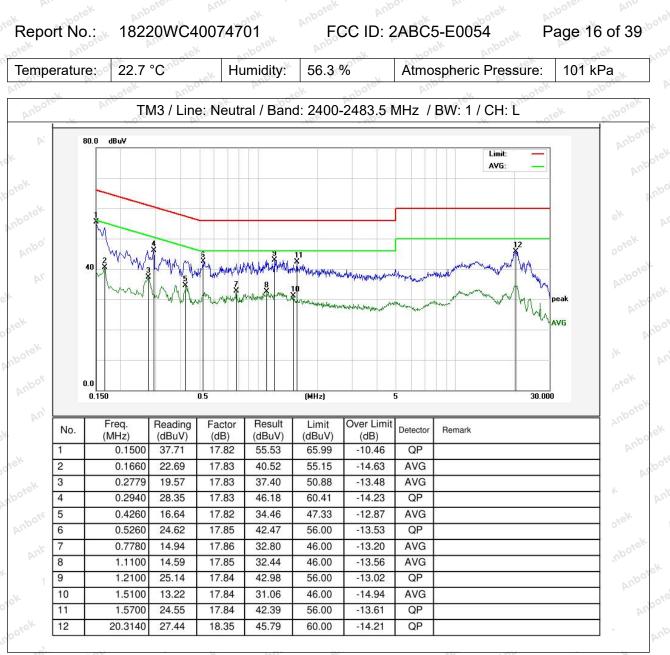


#### Shenzhen Anbotek Compliance Laboratory Limited

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Note: Only record the worst data in the report.

#### Shenzhen Anbotek Compliance Laboratory Limited

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Anbotek Product Safety

# Report No.: 18220WC40074701

FCC ID: 2ABC5-E0054

# 4. Occupied Bandwidth

Test Requirement:	47 CFR 15.215(c)
Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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 Anto nbotek Anbotek Anton nbotek 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
Anbotek Anbotek Anbotek Anbotek Anbotek Anbote	<ul> <li>frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.</li> <li>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.</li> <li>c) Set the reference level of the instrument as required keeping the signal.</li> </ul>
	<ul> <li>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.</li> <li>d) Step a) through step c) might require iteration to adjust within the</li> </ul>
Procedure:	<ul> <li>a) Step a) intologn step b) might require iteration to adjust within the specified range.</li> <li>b) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold</li> </ul>
	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
notek anbu.	the plot(s).

# 4.1. EUT Operation

#### Operating Environment:

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

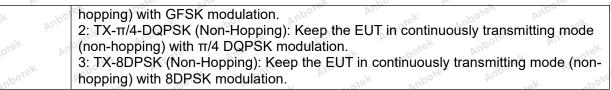
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#### 4.2. Test Setup

0		Anboitek An	EUT		Spectrum Analyzer		Anbotek P
	Anbotek	Anbore	abotek P	unbor-	An wotek Anboter	Anbore	And

#### 4.3. Test Data

Tempe	erature:	25.3 °C	Humidity:	48 %	Atmosp	heric Pressure:	101 kPa	Anbo

Please Refer to Appendix for Details.

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# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit:	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.
Procedure:	<ul> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> </ul>
	<ul> <li>g) Allow trace to stabilize.</li> <li>h) Use the marker-to-peak function to set the marker to the peak of the emission.</li> <li>i) The indicated level is the peak output power, after any corrections for</li> </ul>
Anbotek Anbotek	<ul><li>i) The indicated level is the peak output power, after any corrections for external attenuators and cables.</li><li>j) A spectral plot of the test results and setup description shall be included in the test report.</li></ul>
	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum
er Ano	analyzer.

# 5.1. EUT Operation

Operating Envi	ronment: Anboi Anboi Anboite Anboite Anboite
Test mode:	<ol> <li>TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.</li> <li>TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation.</li> <li>TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.</li> </ol>

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# 5.2. Test Setup

2			EUT	Spe	ctrum Analyzer	PL		Anbotek	
o'rel	Anton	Anborc	A'''	Anboter	Anto-	Anbotek	Anbotek	Anbo.	

#### 5.3. Test Data

Temperature:	25.3 °C	-*eK	Humidity:	48 %	Atmospheric Pressure:	101 kPa
					AD AD	

Please Refer to Appendix for Details.

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## Report No.: 18220WC40074701

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# 6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: Anborek Anborek	Refer to 47 CFR 15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
Test Method:	ANSI C63.10-2020, section 7.8.2 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure: Anborek Procedure: Anborek Anborek Anborek Anborek	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>a) Span: Wide enough to capture the peaks of two adjacent channels.</li> <li>b) RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.</li> <li>c) Video (or average) bandwidth (VBW) ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow the trace to stabilize.</li> </ul>
botek Anbotek A Anbotek Anbotek Anbotek Anbotek	Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.

# 6.1. EUT Operation

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

# 6.2. Test Setup

potek	Anbotek	PU,	EUT		Spectrum Ana	alyzer	otek p	Anboten Ant	An
6.3. Te	est Data	ek Ant	Inbotek	Anbotek	Anbortek	Anbotek	Anbotek	Anborek Anborek	1

# Temperature:25.3 °CHumidity:48 %Atmospheric Pressure:101 kPa

Please Refer to Appendix for Details.

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# 7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.</li> <li>b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.</li> <li>c) VBW ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow the trace to stabilize.</li> </ul> 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
Anbotek Anbotek	regulatory limit shall be determined for the number of hopping channels. A spectral plot of the data shall be included in the test report.

# 7.1. EUT Operation

Operating Envir	onment: of an and a hotek Andore And stek Andorek A
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

7.2. Test Setup

Anbotek An	Anbotek A	EUT	Spectrum A	Analyzer Anbotek	Anbotek An
7.3. Test	Data	Anboten Anbo	abotek Anbote	sk Anbote And	otek Anbotek
Temperatu	re: 25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
Please Re	fer to Appendix	for Details.	Anbotek	Anbote And	Anborek Anbor

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# FCC ID: 2ABC5-E0054

# 8. Dwell Time

No colo	the state of the s
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 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbo Anbotek Anbotek Anbotek Anbotek Anbotek	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 with 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.
	Use the following spectrum analyzer settings to determine the dwell time per 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.
K Anbotek Anbo	c) Sweep time: Set so that the start of the first transmission and end of the last transmission for the hop are clearly captured. Setting the sweep time to
nbotek Anbotek Anbotek Anbotek	<ul> <li>be slightly longer than the hopping period per channel (hopping period = 1/hopping rate) should achieve this.</li> <li>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 adjustment to reduce the chance of triggering when the system hops on an adjacent</li> </ul>
	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

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

## 8.2. Test Setup

potek			EUT		A 157	Spectrum An	alyzer	
Anbotek	Anbore	Kek	Anboten	Anb	- 	botek	Anbor	P.C

#### 8.3. Test Data

	- A () *	A Anna Anna Anna Anna Anna Anna Anna An	<u> </u>	
Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure: 101 kPa
ek bor	be.	No.	APP-	at soon print

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
ek 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.
ootek Anbotek A 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:	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.
otek Anbotek An Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /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- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation.
Anbotek Anbo	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

## 9.2. Test Setup

ek	Anbotek	Anbot	EUT		Spectrum	Analyzer	
potek			oter Anb~	r	-otek	Anbor	P

#### 9.3. Test Data

AC			Nr. 100.			
Temperature:	25.3 °C	Anbore	Humidity:	48 % Moot	Atmospheric Pressure:	101 kPa
100	DV.		. AV	· · · · · · · · · · · · · · · · · · ·	V 10' P''	

Please Refer to Appendix for Details.

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# FCC ID: 2ABC5-E0054

# 10. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the	
K Anbotek Anbon	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	
w wotek	0.009-0.490	2400/F(kHz)	300 000	
nboten And	0.490-1.705	24000/F(kHz)	30 John	
a anbore.	1.705-30.0	30 10 10 10 10 10 10 10 10 10 10 10 10 10	30 And	
Anbo k hotek	30-88	100 **	3rek Anbore	
anboter And	88-216	150 **	3	
h. notek Anbote	216-960	200 **	3 boter Ant	
Anbo	Above 960	500 Anber	3 notek pho	
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	por 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- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

#### Shenzhen Anbotek Compliance Laboratory Limited

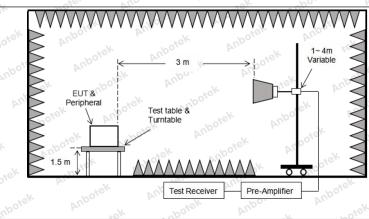
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## 10.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

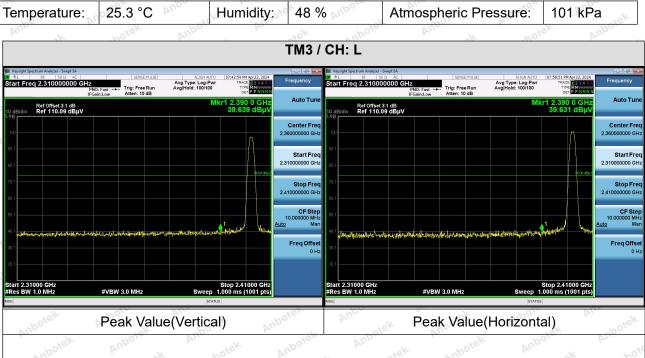
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com



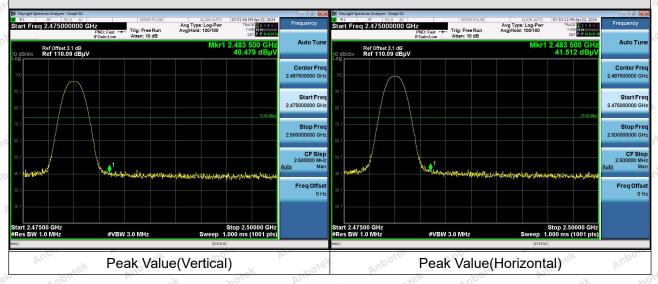


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10.3. Test Data



#### TM3 / CH: H



#### Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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# 11. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the
Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
k sotek	0.009-0.490	2400/F(kHz)	300 mbole
nboten Anbo	0.490-1.705	24000/F(kHz)	30 John
Ar hotek unboter	1.705-30.0	30° All otek mbo	30 An
Anbo k hotek	30-88	100 **	3 ok noore
aboten Anbo	88-216	150 **	3
Ar. stek unbote	216-960	200 **	3 boter And
Test Limit:	Above 960	500 Martel Ambo	3 dek onb
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbote tek Anbotek Anbote	intentional radiators operati frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissi ing under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emise of on measurements employing	e located in the 470-806 MHz. aed under other band edges. measurements uency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anbote.
Procedure:	ANSI C63.10-2020 section	6.6.4 Antek Antek Ant	port Am

# 11.1. EUT Operation

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

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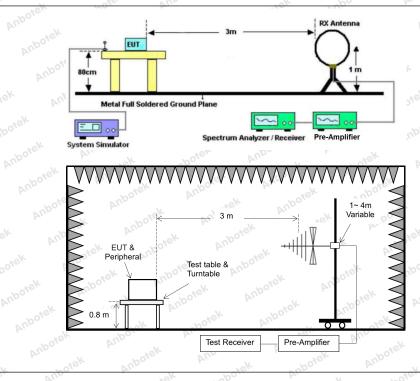
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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# 11.2. Test Setup



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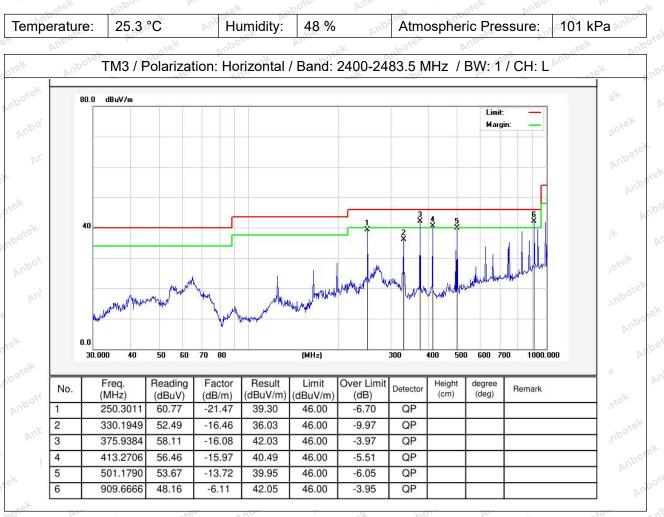




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#### 11.3. Test Data

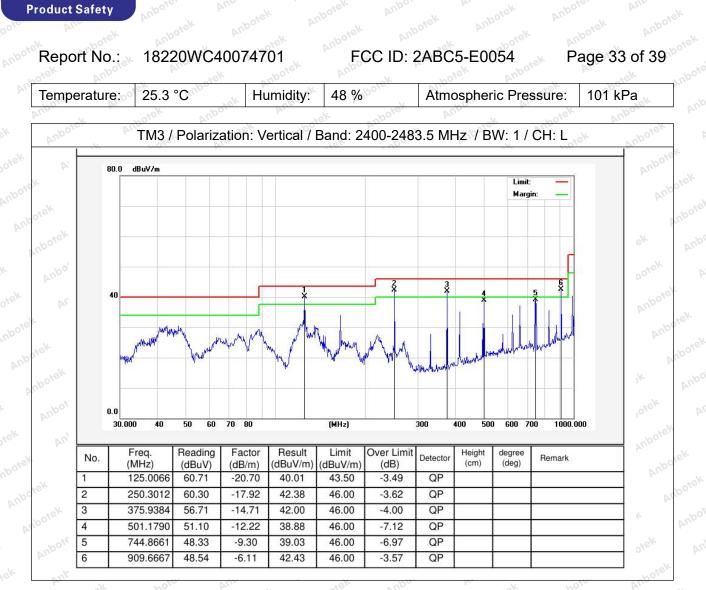
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note: Only record the worst data in the report.

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

Test Requirement:		ons which fall in the restricted ba omply with the radiated emission 5(c)).`	
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
V hotek	0.009-0.490	2400/F(kHz)	300 10010
nboten Anbe	0.490-1.705	24000/F(kHz)	30 Jonet
atek unboter	1.705-30.0	30° All atek nobo	30 400
Anboy K. Lotek	30-88	100 **	3 tek Anbore
aboten Anbe	88-216	150 ** Notes A	3 rel
Arr. stek unbote	216-960	200 **	3 boten And
Anbo	Above 960	500 poter Anbo	3 stek onb
Test Limit: Anborek	intentional radiators operati frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emis ed on measurements employing	e located in the 470-806 MHz. ed under other band edges. measurements uency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anborek
Procedure:	ANSI C63.10-2020 section	6.6.4 Ant	or Arr

# 12.1. EUT Operation

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

#### Shenzhen Anbotek Compliance Laboratory Limited

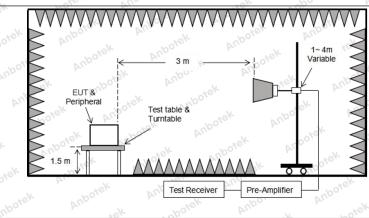
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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# 12.2. Test Setup



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#### 12.3. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
20r	de de	. P.	No. No.	N02	ek vo.

	TM3 / CH: L								
Peak value:									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4804.00	28.39	15.27	43.66	74.00	-30.34	Vertical			
7206.00	29.34	18.09	47.43	74.00	-26.57	Vertical			
9608.00	30.58	23.76	54.34	74.00	-19.66	Vertical			
12010.00	Anbote * Ar	n sek	abotek Anb	74.00	otek Anbott	Vertical			
14412.00	anbo*ek	Anbo	hotek P	74.00	stek ont	Vertical			
4804.00	28.66	15.27	43.93	74.00	-30.07	Horizontal			
7206.00	29.96	18.09	48.05	74.00	-25.95	Horizontal			
9608.00	28.76	23.76	52.52	74.00	-21.48	Horizontal			
12010.00	potek * Anbo	ok no	rek Anbote	74.00	r nbotek	Horizontal			
14412.00	-botek* An	pore Ant	atek anbo	74.00	walk woote	Horizontal			

#### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.77	15.27	33.04	54.00	-20.96	Vertical
7206.00	18.37	18.09	36.46	54.00	-17.54	Vertical
9608.00	19.60	23.76	43.36	54.00	-10.64	Vertical
12010.00	notet.	Anboten An		54.00 M <sup>09</sup>	- K - M	Vertical o
14412.00	And *	abotek	Anbo, Ar	54.00	bote. And	Vertical
4804.00	17.01	15.27	32.28	54.00	-21.72	Horizontal
7206.00	19.02	18.09	37.11	54.00	-16.89	Horizontal
9608.00	18.07 bot	23.76	41.83	54.00	-12.17	Horizontal
12010.00	tek *	otek Anbo.	ak not	54.00	Ann	Horizontal
14412.00	*	hotek Ant	ore And	54.00	ek Anbo	Horizontal
		111-	20.		1. C	10 011

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ρη.		- nbo	ГМ3 / СН: М	- <u>20</u> 0%	bu.	Aler D
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.41	15.42	43.83	74.00	-30.17	Vertical
7323.00	29.19	18.02	47.21	74.00	-26.79	Vertical
9764.00	29.59	23.80	53.39	74.00	-20.61	Vertical
12205.00	ek * nbotek	Anbor	Anotek	74.00	And	Vertical
14646.00	* *	rek Anbore	Ann	74.00	Anbo	Vertical
4882.00	28.36	15.42	43.78	74.00	-30.22	Horizontal
7323.00	29.95	18.02	47.97	74.00	-26.03	Horizontal
9764.00	28.46	23.80	52.26	74.00	-21.74	Horizontal
12205.00	* tek	Anbote	Ant	74.00	upo. A.	Horizontal
14646.00	A *	Anbotek	Anbo	74.00	Anbore	Horizontal
Average value:						
Frequency	Reading	Factor	Result	Limit	Over Limit	polarization

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.50	15.42	32.92	54.00	-21.08	Vertical
7323.00	18.47	18.02	36.49	54.00	-17.51 And	Vertical
9764.00	19.46	23.80	43.26	54.00	-10.74	Vertical
12205.00	K Anbore	An	Anboten	54.00	abotek	Vertical
14646.00	otek * Anbot	And	ek abotek	54.00	p	Vertical
4882.00	16.92	o <sup>tek</sup> 15.42	32.34	54.00	-21.66	Horizontal
7323.00	18.58	18.02	36.60	54.00	-17.40	Horizontal
9764.00	18.58	23.80	42.38	54.00	-11.62 M <sup>bc</sup>	Horizontal
12205.00	Anboten	Anbe	potek	54.00	wotek A	Horizontal
14646.00	* spotek	Anbor	Annotek	54.00	And	Horizontal

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		٦	ГM3 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.68	15.58	44.26	74.00	-29.74	Vertical
7440.00	29.20	17.93	47.13	74.00	-26.87	Vertical
9920.00	30.14	23.83	53.97	74.00	-20.03	Vertical
12400.00	* wotek	Anboten	And	74.00	Anbore	Vertical
14880.00	* And	ek nbotel	Anboi	74.00	Anbote	Vertical
4960.00	28.43 M	15.58	44.01 00 00 00 00 00 00 00 00 00 00 00 00 0	74.00	-29.99	Horizontal
7440.00	29.98	17.93	47.91	74.00	-26.09	Horizontal
9920.00	29.14	23.83	52.97	74.00	-21.03	Horizontal
12400.00	And * .ek	abotek	Anbor	74.00	Inboten Ant	Horizontal
14880.00	Ar*Dor-	p	Anbore	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.62	15.58	34.20	54.00	-19.80	Vertical
7440.00	19.48	17.93	37.41	54.00	-16.59	Vertical
9920.00	20.01	23.83	43.84	54.00	-10.16	Vertical
12400.00	k * nbotek	Anbo	hotek	54.00	And	Vertical
14880.00	* tot	Anboro	Annatek	54.00	Anbo	Vertical
4960.00	18.36	15.58 NO	33.94	54.00	-20.06	Horizontal
7440.00	19.95	17.93	o <sup>tek</sup> 37.88 pn <sup>b0</sup>	54.00	-16.12 <sup>00101</sup>	Horizontal
9920.00	18.48	23.83	42.31	54.00 And	-11.69	Horizontal
12400.00	* tek	abote	Ant	54.00	100. Mr.	Horizontal

#### Remark:

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.

54.00

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

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# **APPENDIX I -- TEST SETUP PHOTOGRAPH**

Please refer to separated files Appendix I -- Test Setup Photograph\_RF

# APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

# **APPENDIX III -- INTERNAL PHOTOGRAPH**

Please refer to separated files Appendix III -- Internal Photograph

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

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