

Report No.: 18220WC40012501 FCC ID: 2AEW6-TE-EB5598 Page 1 of 41

# FCC Test Report

# Applicant : TESONIC INTERNATIONAL (HK) LTD.

Address

Product Name

Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,China

MVMT TWS 300MAH DIG BAT IND 12H PLAYTIME

Report Date : Feb. 04, 2024



Shenzhen Anbotek

Shenzhen Anbotek Compliance Laboratory Limited

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





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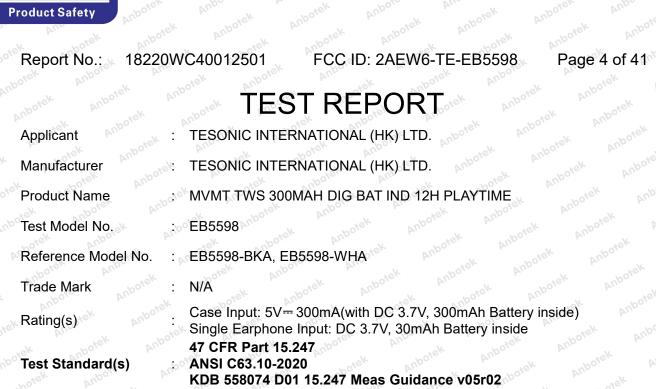


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The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement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

Date of Receipt:

Date of Test:

Anbotek

Jan. 18, 2024 to Feb. 04, 2024

Jan. 18, 2024

# Nian Xiu Chen

(Nianxiu Chen)

Idward 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	n	Description	Issued Date			
R00	ek Anbotek	Original Issue	Anbotek	Feb.	04, 2024	Anbote
Anboi Ant	potek Anboro	Am Anbotek	Anbotek	K abotek	Anbotek	Pup
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# 1. General Information

# 1.1. Client Information

Applicant	:	TESONIC INTERNATIONAL (HK) LTD.
Address	:	Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,China
Manufacturer	:	TESONIC INTERNATIONAL (HK) LTD.
Address	:	Room 2801, the 28th Office Tower, 6007 Shennan Avenue, Shenzhen, China
Factory	:	TESONIC INTERNATIONAL (HK) LTD.
Address	:	Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,China

# **1.2. Description of Device (EUT)**

Product Name	:	MVMT TWS 300MAH DIG BAT IND 12H PLAYTIME
Test Model No.	:	EB5598
Reference Model No.	:	EB5598-BKA, EB5598-WHA (Note: All samples are the same except the model number and appearance color, so we prepare "EB5598" for test only.)
Trade Mark	:	N/AAnd botek Anbotek Andore And stek Anbotek Andore And
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz, DC 3.7V Battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A sek abotek Anbotek Anbotek Anbotek Anbotek Anbotek
PO No	:	18677 And Andrew Andrew Andrew Andrew
Age Grade	:	Adult tek potek Anbole And botek Anbole Anbo
Country of origin	:	CHINA net protect Antonio Antonio Antonio Antonio
Buyer	:	JME & CO. NYC.LLC
<b>RF</b> Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 And hotek Anborek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK, π/4 DQPSK
Antenna Type	:	Ceramics Antenna
Antenna Gain(Peak)		1.95dBi
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

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#### 1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.		
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J		
At abotek Anboten	And otek unbotek	Anbor An abotek	Anboren And		

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#### 1.4. Operation channel list

Operation Band:

Operation D	anu.	P. V	note.	Ann	*e <sup>k</sup>	abu.	M. V
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 Anbote	2402	20 00	2422	40	2442,00 <sup>16</sup>	60	2462
tek 1 Anb	2403	21 nt	o <sup>tek</sup> 2423 ph <sup>oo</sup>	41 And	bote 2443 And	oter 61 And	2463
bote <sup>k</sup> 2 A	2404	22	2424	42	2444	62	2464
	2405	23	2425	Anboid 43	2445	63	2465
4 dotek	2406	And 24	2426	× 44	2446	64	2466
5 botek	2407	25	2427	45	2447	65 bote	2467
ek 6	2408 2408	26	2428 NO	46 Anbo	2448	ret 66 Antos	2468
	100 <sup>101</sup> 2409 pm	27	2429	potek 47 An	2449	67 N	2469
8	2410	28	2430	48	2450	68	2470
Anbo 9 tek	2411	29	2431	49	2451	69	2471
Anto tek	2412	30	2432	50 <sup>otom</sup>	2452	70 potek	2472
11	2413	31 <sup>nbor</sup>	2433	K 51 Anbot	2453	ek 71 unbo	2473
12 400	2414	1 <sup>ek</sup> 32 And	2434	otek 52 Ant	2454	otet 72	2474 M
13 AT	2415	iootek33 P	2435	53	2455	73	2475
unboild 14	2416	34	2436	54	2456	74 ex	2476
15	2417	35	2437	55	2457	75 otek	2477
16	2418	36 bote	2438	56 note	2458	76	2478
<sup>4</sup> 17 Anbor	2419	ek 37 Anbo	2439	tek 57 unb	2459 Moon	77	ot <sup>ex</sup> 2479 prof
otek 18 Ant	2420	o <sup>de<sup>k</sup> 38 M</sup>	2440	58	2460	78	2480
nb <sup>otek</sup> 19	2421	39	2441	59	2461	Aupontek	p
No.	- 10 <sup>0</sup> · · · ·	- pA' - C	197	ACP-		100 <sup>1</sup>	- P.S.

# 1.5. Description of Test Modes

Pretest Modes	Descriptions				
tek Andro TM1 Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.				
TM2 Anbore	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.				
Andorek TM3 <sup>tek</sup> Andor	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.				
Anbotek TM4 <sup>nbotek</sup>	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.				

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# 1.6. Measurement Uncertainty

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

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 / Anboter	Ann
Conducted Emission at AC power line	Mode1,2	P
Occupied Bandwidth	Mode1,2	PAnt
Maximum Conducted Output Power	Mode1,2	P
Channel Separation	Mode3,4	Pek
Number of Hopping Frequencies	Mode3,4	Anb P tek
Dwell Time	Mode3,4	P
Emissions in non-restricted frequency bands	Mode1,2,3,4	Pano
Band edge emissions (Radiated)	Mode1,2	P Ant
Emissions in frequency bands (below 1GHz)	Mode1,2	nbore P
Emissions in frequency bands (above 1GHz)	Mode1,2	Anbore P.ek
Note: P: Pass otek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek	Anbors

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.
- The test report is invalid if there is any evidence and/or falsification. 2.
- The results documented in this report apply only to the tested sample, under the conditions and 3. modes of operation as described herein.
- This document may not be altered or revised in any way unless done so by Anbotek and all 4. 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.
  - The authenticity of the information provided by the customer is the responsibility of the customer 6 and the laboratory is not responsible for its authenticity.

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

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#### 1.10. Test Equipment List

Conducted Emission at AC power line

- ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	, pri	note. Any		K	pr. V	in Oter
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
× 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2023-10-12	2024-10-11
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	rek /Anbotek	Anboi Anboiek
	Not Not	P.r.	yer vup		Not No	be.

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

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
Constant 1 Temperature Humidity Chaml		perature ZHONGJIAN		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	
An3ote	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25	
4 MXA Spectrum Analysis		KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22	
5 🖗	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11	
6	MXG RF Vector Signal Generator Agilent		N5182A	MY474206 47	2023-02-23	2024-10-22	

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	edge emissions (Ra sions in frequency ba		Anboro	Anbotek	Anbotek	Anbo	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11	
2 EMI Preamplifier		SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11	
1 <sup>0</sup> 8	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15	
nbote 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Antotek	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>×</sup> 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24	

Emissions in frequency bands (below 1GHz)

- NOT	biene in nequency be				Ner	
Item Equipment		Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	1 EMI Test Receiver Rohde & Schwarz		ESR26	101481	2023-10-12	2024-10-11
2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Antote	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A noot	ek Anbo	k Anbotek

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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
	Ar otek Anbor	of an antenna that uses a unique coupling to the intentional radiator shall be
e	Anbo	considered sufficient to comply with the provisions of this section.

#### 2.1. Conclusion

The antenna is a Ceramics Antenna which permanently attached, and the best case gain of the antenna is 1.95dBi . It complies with the standard requirement.

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ANK

# 3. Conducted Emission at AC power line

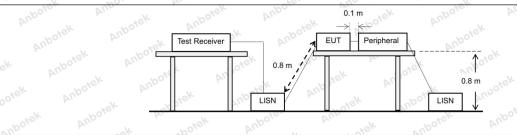
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie at exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as			
botek Anbort	Frequency of emission (MHz)	Conducted limit (dBµV)	Allingtok			
	Anbo k sotek Anbote	Quasi-peak	Average			
Anbore All	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 tek means	56 M	46			
	5-30 mo	60	50 ten And			
	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	An botek Anboten	Anno stek			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un					

# 3.1. EUT Operation

#### **Operating Environment:**

Anbo	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Test mode:	hopping) with GFSK modulation. 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode
hotek Anbor	(non-hopping) with $\pi/4$ DQPSK modulation.

#### 3.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

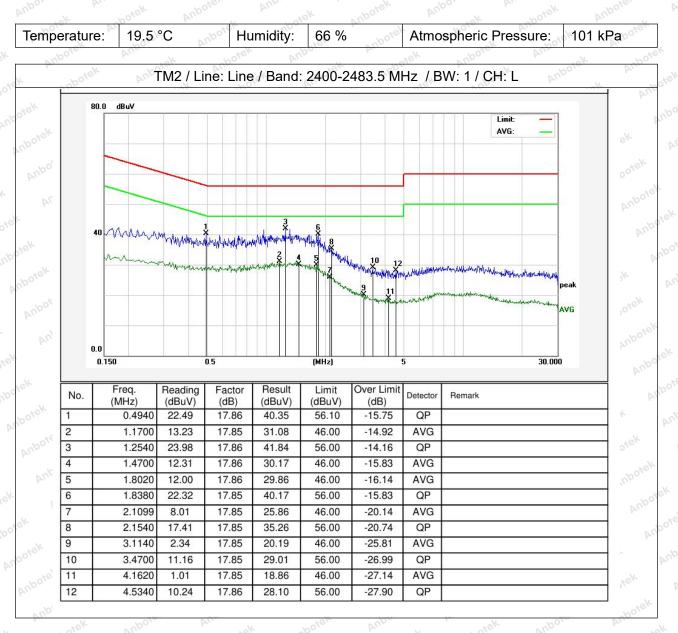
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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#### 3.3. Test Data

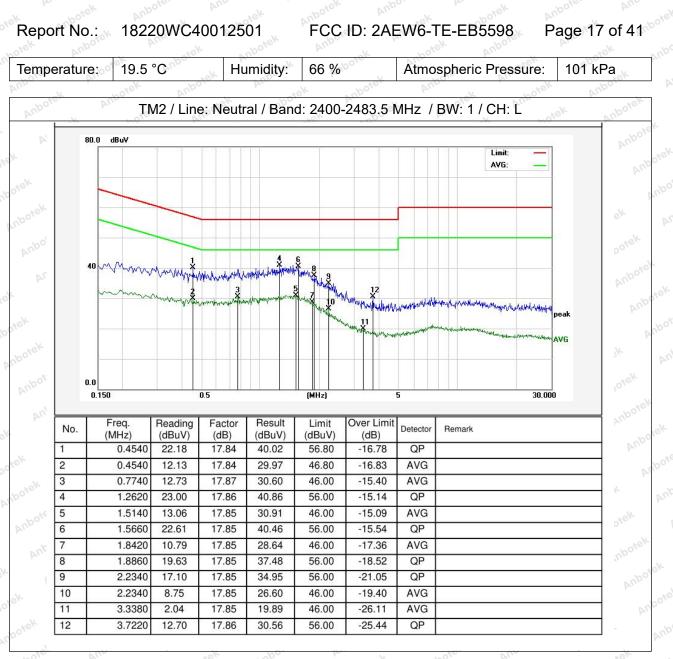


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Note: Only record the worst data in the report.

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# 4. Occupied Bandwidth

Test Requirement:	47 CFR 15.215(c)
Test Limit:	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.
Test Method:	ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurements, use the procedure in 6.9.3. Frequency hopping shall be disabled for this test. KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anb	The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:
Anbotek Anbotek Anbotek Anbotek	<ul> <li>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.</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</li> </ul>
tek Anborek Anb hotek Anborek Anb	otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log
Procedure:	<ul><li>(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 specified range.</li></ul>
ek Anbotek Anbo	<ul> <li>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.</li> <li>f) Use the 99% power bandwidth function of the instrument (if available) and</li> </ul>
Anbotek Anbotek	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
Anbotek Anbotek Anbotek	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.
potek Anboten An Anbotek Anbotek	h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

# 4.1. EUT Operation

#### Operating Environment:

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

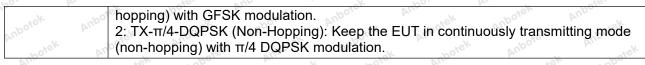
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#### 4.2. Test Setup

	EUT	Spectrur	Spectrum Analyzer		
		Anb	F.,	-sek	

#### 4.3. Test Data

Temperature:	25.6 °C	Humidity:	45 %	Atmospheric	Pressure:	101 kPa	

Please Refer to Appendix for Details.

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# 5. Maximum Conducted Output Power

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Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: Anborek	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 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 continues:
	<ul> <li>settings:</li> <li>a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.</li> <li>b) RBW &gt; 20 dB bandwidth of the emission being measured.</li> <li>c) VBW ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> </ul>
Procedure:	<ul> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow trace to stabilize.</li> <li>h) Use the marker-to-peak function to set the marker to the peak of the</li> </ul>
botek Anbotek A Anbotek Anbotek	<ul><li>emission.</li><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>
Anbotek Anbotek Anbotek	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

# 5.1. EUT Operation

Operating Env	vironment:	Anbore	An	Anboten	Anbo	h abotek
Test mode:	1: TX-GFSK (Non- hopping) with GFS 2: TX-π/4-DQPSK (non-hopping) with	K modulation (Non-Hoppin	ı. g): Keep the E	Ann	ek abote	Anbo

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#### 5.2. Test Setup

Anbotek		EUT	Spec	trum Analyzer	An		Anbotek	
k and botek	Anborc	AI"	Anboter	And	abotek	Anboten	Anbo	5
				, 0 <sup>0</sup> 0'				

#### 5.3. Test Data

Temperature:	25.6 °C	-xeK	Humidity:	45 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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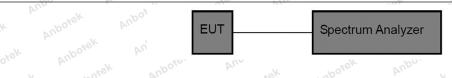
# 6. Channel Separation

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

#### 6.1. EUT Operation

Operating Envi	conment: Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek
Test mode:	3: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 4: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation.
6.2. Test Set	ID stek Anbotek Anbotek Anbotek Anbotek Anbotek

# 6.2. Test Setup



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#### 6.3. Test Data

Temperature: 25	.6 °C	Humidity:	45 % proto	Atmospheric Pressure:	101 kPa
And		be.		And	
Please Refer to App	pendix for Det	ails. And			

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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	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.</li> <li>b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.</li> <li>c) VBW ≥ RBW.</li> </ul>
Procedure:	<ul> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> <li>g) Allow the trace to stabilize.</li> <li>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.</li> </ul>

# 7.1. EUT Operation

Operating Envi	ronment:	Anbo	An		tek nr	botek
Test mode:	3: TX-GFSK ( with GFSK mo 4: TX-π/4-DQ (hopping) with	odulation,. PSK (Hopping	): Keep the E	det N	nboren	Ant

#### 7.2. Test Setup

	stek p.	otek		Spectrum Ar	anbotek		
7.3. Test Dat	ta wotek	Anbotek	Anbotek	k Anborek	Anbotek	Anbore	ek Anbotek
Temperature:	25.6 °C	Hu	midity: 4	5 %	Atmospheric I	Pressure:	101 kPa

Please Refer to Appendix for Details.

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#### FCC ID: 2AEW6-TE-EB5598

# 8. Dwell Time

h the	Ant Ant	NOV.	- npv	- Mar	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Test Requirement:	47 CFR 15.247(a)(1)(iii)				
Test Limit: http://www.anborek	Refer to 47 CFR 15.247(a 2483.5 MHz band shall us occupancy on any channe period of 0.4 seconds mu employed. Frequency hop transmissions on a partice 15 channels are used.	se at least 15 c el shall not be g Itiplied by the n oping systems r	hannels. Th greater than umber of ho may avoid o	e average tim 0.4 seconds opping channe r suppress	ne of within a els
Test Method:	ANSI C63.10-2020, section KDB 558074 D01 15.247		e v05r02	Anbo.	Anbotek
Anbotek Anbotek Anbote	The dwell time per hop or transmission to the end o a single transmission per transmission. If the device dwell time is measured fro	f the last transn hop then the d e has a multiple	nission for tl well time is transmissio	hat hop. If the the duration c ons per hop th	device has of that nen the
potek Anborek	the last transmission.				
Anbotek Anbotek Anbotek Anbotek	The time of occupancy is over an observation perio determine the time of occ measure both the dwell time	d specified in th upancy the spe me per hop and	he regulator ectrum analy d the numbe	y requiremen zer will be co	t. To nfigured to
sk Anbotek Anb	transmits on a specific ch	hotek Anb	ore priv	potek Anb	nbotek
Procedure:	The EUT shall have its hor requirements shall be manumber of channels enable the number of channels the based on the minimum nu dwell times per channel (of for 1, 3 or 5 time slots) the	de with the min led. If the dwell nan compliance umber of chann example Blueto	imum and v I time per ch with the re els. If the de ooth devices	vith the maxin nannel does n quirements m evice supports can dwell on	num ot vary witl ay be s different a channel
Anborer Anbo	dwell time with the minim			infined to the i	botek
nbotek Anbotek	Use the following spectru hop:	m analyzer sett	tings to dete	ermine the dw	ell time per
Anbotek Anbotek	a) Span: Zero span, cente b) RBW shall be ≤ channe set >> 1 / T, where T is th	el spacing and	where poss	ible RBW sho	uld be noote
Anboitek Anbo	c) Sweep time: Set so that last transmission for the h	op are clearly o	captured. Se	etting the swe	ep time to
hbotek Anbotek	be slightly longer than the 1/hopping rate) should ac d) Use a video trigger, wh	hieve this. ere possible wi	ith a trigger	delay, so that	the start o
Anbotek Anbotek	the transmission is clearly to reduce the chance of tr channel.		00		-
Anborek Anbor	e) Detector function: Peal f) Trace: Clear-write, sing g) Place markers at the si	le sweep.	ek Anbo	tek Anbotr	ak Anbr

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potek	Anbo.	k hotek	Anbore	Ann	6	-botek	Anbo	M	Lotek	n
Ar.		·	of the last tra	ansmission.	The dw	vell time p	per hop is	the time	between	Ĺ
nbo.		these tw	o markers.							

To determine the number of hops on a channel in the regulatory observation period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep time.

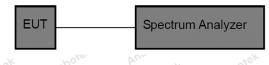
The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel divided by the spectrum analyzer sweep time multiplied by the regulatory observation period. For example, if three hops are counted with an analyzer sweep time of 500 ms and the regulatory observation period is 10 s, then the number of hops in that ten seconds is  $3 / 0.5 \times 10$ , or 60 hops.

The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

# 8.1. EUT Operation

Operating Envir	onment:			Anbote				
rek Anbu	3: TX-GFSK (H with GFSK mo		ep the EUT ir	n continuo	usly trans	mitting	mode (hopp	bing)
Test mode:	4: TX-π/4-DQF (hopping) with	PSK (Hopping		EUT in cor	ntinuously	r transm	itting mode	ter

#### 8.2. Test Setup



#### 8.3. Test Data

Temperature:	25.6 °C	Humidity:	45 %	-bote	Atmospheric Pressure:	101 kPa
20.	M V			N 1 1 -	A 200	

Please Refer to Appendix for Details.

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## 9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 7.8.7 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek 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 nbotek 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: Met Anboret	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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hotek Anbotek	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
Anbe tek nbotek	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
Anbore. And	compliance.
	so, Ai hotek Auporte, Aur stek unbotek Aupo, A.
	7.8.7.2 Band-edges
potek Anbo	Compliance with a relative limit at the band-edges (e.g., $-20 \text{ dBc}$ ) shall be
tek oboten	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
Anbo	clearly show compliance with the requirement within 10 MHz of the allocated
	band-edge.
	inbore Ant sek abotek Anbo k watek Anbore
	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

botek Anbo	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Anbotek Ar	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.
Test mode:	3: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
ek Anbotek	4: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.

#### 9.2. Test Setup

•	Anbotek		EUT	. 1917	Spectrun	n Analyzer			
	Anboten	Anvoabotek			B.		-+0,-	Anu	
<u>}</u> /-	Aupor								

Anbo

#### 9.3. Test Data

2	Temperature:	25.6 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa	
		la. Vun	19.			000	

Please Refer to Appendix for Details.

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# 10. Band edge emissions (Radiated)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).								
tek unbotek Anbor	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)						
kek abotek	0.009-0.490	2400/F(kHz)	300						
Anbore An. otek	0.490-1.705	24000/F(kHz) 30	30 Millionek						
Anbotek Anbo	30-88	100 **	3						
hotek Anbore	88-216	150 **	3						
And	216-960	200 **	3 botet And						
Anbor Ar	Above 960	500 botek Anbo	3 tek nb						
Test Limit: Ster Anborek	<ul> <li>** 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.</li> </ul>								
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		Anbortek						
Procedure:	ANSI C63.10-2020 section	6.10.5.2 Ant	or An hotek						

# 10.1. EUT Operation

Operating Envir	onment:	nbotek	Anbo.	A. botek	Anbore	Ant	24
Test mode:	1: TX-GFSK (Non- hopping) with GFS 2: TX-π/4-DQPSK (non-hopping) with	K modulati (Non-Hopp	on. bing): Keep	the EUT in c	- p	tek anbot	181.

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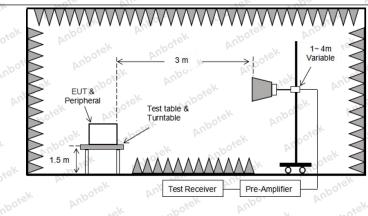
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# 10.2. Test Setup



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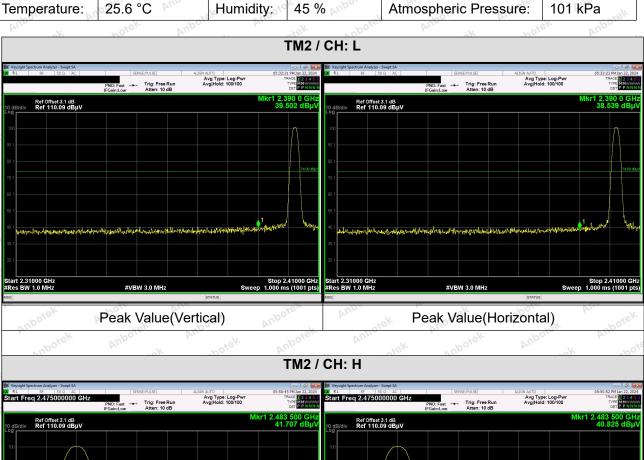
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#### 10.3. Test Data



# Image: Construction of the second second

#### 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:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`								
tek unbotek Anbor	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)						
botek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30						
Ant hotek Anbotek	1.705-30.0	30	30 400						
And otek Anbotek	30-88 88-216	100 ** 150 **	3						
Anbo tek nbote	216-960	200 **	3 poter Ano						
Test Limit:	Above 960	500 botek Anbo	3 tek						
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbote	<ul> <li>** 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.</li> </ul>								
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		sk Anbote.						
Procedure:	ANSI C63.10-2020 section	6.6.4 Ant	por An abotek						

# 11.1. EUT Operation

Operating Envir	onment:	k nbotek	Anbo.	h.	sk Anbor	Ant	stek N
Test mode:	hopping) w 2: TX-π/4-l	K (Non-Hopping ith GFSK modu DQPSK (Non-H ng) with π/4 DC	ilation. opping): Kee	p the EUT	201 - bu.	otek	nboter

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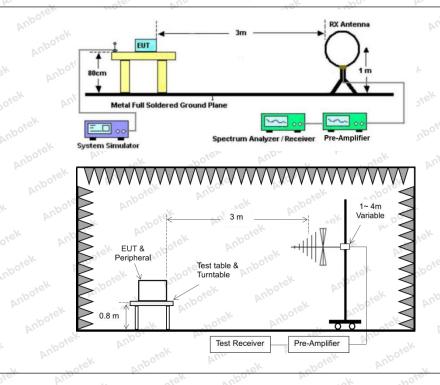
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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#### 11.2. Test Setup



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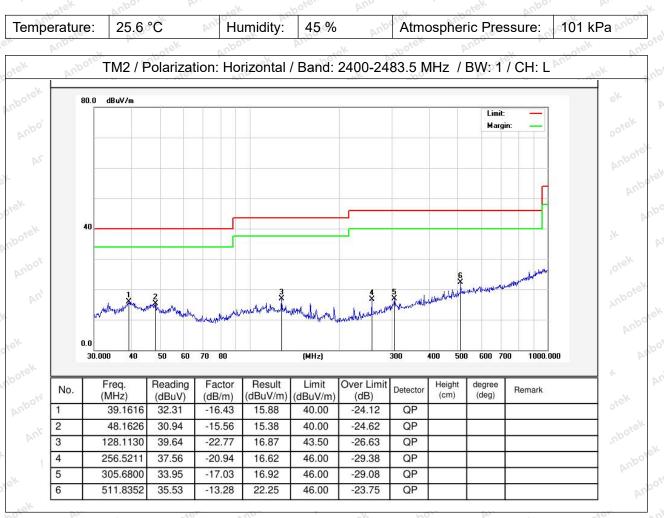




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#### 11.3. Test Data

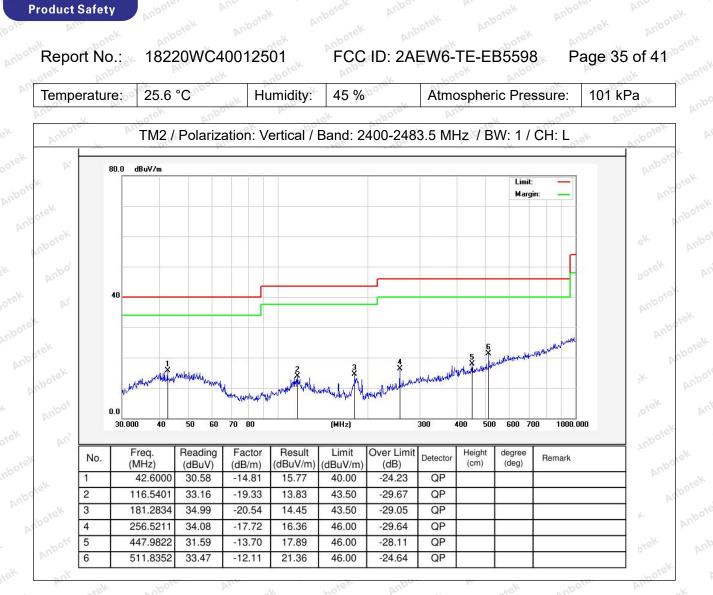
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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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:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`								
ik Anbotek Anbot otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)						
k hotek	0.009-0.490	2400/F(kHz)	300 0000						
nboten And	0.490-1.705	24000/F(kHz)	30 otek						
Ar atek Anborer	1.705-30.0	30° All otek mbo	30 400						
Anbe k hotek	30-88	100 **	3tek Anbore						
aboten And	88-216	150 **	3						
An otek Anbore	216-960	200 **	3 boten Ant						
Test Limit:	Above 960	500	3 otek anbr						
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	<ul> <li>** 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.</li> </ul>								
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ek Anbore						
Procedure:	ANSI C63.10-2020 section	6.6.4							
Put v uoten	AND	Nout but V	Loter And						

# 12.1. EUT Operation

Operating Envir	ronment:	botek Anbo.	wak wood	ek Anbore.	And stek Ar
Test mode:	hopping) with GFS	K modulation. (Non-Hopping):	Keep the EUT	por pr.	smitting mode (non- ly transmitting mode

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**Anbotek** 

**Product Safety** 

Report No.:

12.2. Test Setup

18220WC40012501

>

>

EUT &

Peripheral

1.5 m

3 m

Test Receiver

Test table & Turntable

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FCC ID: 2AEW6-TE-EB5598

P

Pre-Amplifier

≻

VVVV

1~4m Variable

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AAAA

 $\leq$ 

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#### 12.3. Test Data

Temperature:	25.6 °C	, H	lumidity:	45 % Anbore	Atmospheric Pressure:	101 kPa
202	1 and 1	. NO.	by.	10	10×	ek soo.

	TM2 / CH: L									
Peak value:										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization				
4804.00	26.62	15.27	41.89	74.00	-32.11	Vertical				
7206.00	27.88	18.09	45.97	74.00	-28.03	Vertical				
9608.00	28.51	23.76	52.27	74.00	-21.73	Vertical				
12010.00	Anbote * Af	it siek	abotek Anb	74.00	otek Anbot	Vertical				
14412.00	Anbo*ek	Anbo	botek P	74.00	stek ant	Vertical				
4804.00	27.04	15.27	42.31	74.00	-31.69	Horizontal				
7206.00	27.84	18.09	45.93	74.00	-28.07	Horizontal				
9608.00	28.00	23.76	51.76	74.00	-22.24	Horizontal				
12010.00	potek * Anbo	at ho	rek Anbote.	74.00	, nbotek	Horizontal				
14412.00	botek* An	port Arr	atek anbo	74.00 <sup>000</sup>	at bote	Horizontal				

#### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	16.00	15.27	31.27	54.00	-22.73	Vertical
7206.00	16.91	18.09	35.00	54.00	-19.00	Vertical
9608.00	17.53	23.76	41.29	54.00	-12.71	Vertical
12010.00	notet.	Anboten An	wek of	54.00 M <sup>00</sup>	-k ne	Vertical o
14412.00	And *	nbotek	Anbo, A.	54.00	bote. And	Vertical
4804.00	15.39	15.27	30.66	54.00	-23.34	Horizontal
7206.00	16.90	18.09	34.99	54.00	-19.01	Horizontal
9608.00	17.31 pote	23.76	41.07	54.00	-12.93	Horizontal
12010.00	* Har	otek Anbo.	-k hot	54.00	Ant	Horizontal
14412.00	hoo *	botek Ant	ore Ann	54.00 NO	ek Anbo	Horizontal
No. A.		111-	1.9.	0Y 70	N	le VIII

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· · ·	<u></u>		TM2 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	26.64	15.42	42.06	74.00	-31.94	Vertical
7323.00	27.73	18.02	45.75	74.00	-28.25	Vertical
9764.00	27.52	23.80	51.32	74.00	-22.68	Vertical
12205.00	ek * nbotek	Anbo	h. hotek	74.00	Ann	Vertical
14646.00	*	rek Anbore	Ann	74.00	Anbo	Vertical
4882.00	26.74	15.42	42.16	74.00	-31.84	Horizontal
7323.00	27.83	18.02	45.85	74.00	-28.15	Horizontal
9764.00	27.70	23.80	51.50	74.00 PM	-22.50	Horizontal
12205.00	* otek	Anboten	Ant	74.00	Anbor A.	Horizontal
14646.00	A &	Anbotek	Anbo	74.00	Anbore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	15.73	15.42	31.15	54.00	-22.85	Vertical <sup>of</sup>
7323.00	17.01	18.02	35.03	54.00	-18.97	Vertical
9764.00	17.39	23.80	41.19	54.00	-12.81	Vertical
12205.00	k Anbore	Amorek	Anboten	54.00	abotek	Vertical

30.72

34.48

41.62

54.00

54.00

54.00

54.00

54.00

54.00

-23.28

-19.52

-12.38

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\*

15.30

16.46

17.82

\*

\*

15.42

18.02

23.80

14646.00

4882.00

7323.00

9764.00

12205.00

14646.00

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



Vertical

Horizontal Horizontal

Horizontal

Horizontal

Horizontal

Report No.:

18220WC40012501

						A9K
		-	TM2 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarizatior
4960.00	26.91	15.58	42.49	74.00	ote <sup>k</sup> -31.51	Vertical
7440.00	27.74	17.93	45.67	74.00	-28.33	Vertical
9920.00	28.07	23.83	51.90	74.00	-22.10	Vertical
12400.00	* wotek	Anboten	And	74.00	Anbor	Vertical
14880.00	* And	rek nbotel	Anbor	74.00	Anbore	Vertical
4960.00	26.81 × 26.81	15.58	42.39	74.00	-31.61	Horizontal
7440.00	27.86	17.93	45.79	74.00	-28.21	Horizontal
9920.00	28.38	23.83	52.21	74.00	-21.79	Horizontal
12400.00	And *	abotek	Aupo, b	74.00	Inboten Ant	Horizontal
14880.00	Ar*Dore	hotek	Anbore	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	16.85	15.58	32.43	54.00	-21.57	Vertical
7440.00	18.02	17.93	35.95	54.00	wote 18.05 pm	Vertical
9920.00	17.94	23.83	41.77	54.00	-12.23	Vertical

54.00

54.00

54.00

54.00

54.00

54.00

54.00

-21.68

-18.24

-12.45

Remark:

12400.00

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.

32.32

35.76

41.55

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

\*

\*

16.74

17.83

17.72

\*

\* .0

15.58

17.93

23.83

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Vertical

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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