

Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 1 of 43

FCC Test Report

Applicant

TESONIC INTERNATIONAL (HK) LTD.

Address

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

Product Name

MVMT TWS 300MAH SPLASH PROOF, IPX4 80STBY/MVMT TWS 230MAH DIG BAT IND 14HPT CLEAR CHRGE

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





FCC ID: 2AEW6-TE-EB5617-19

Page 2 of 43

Contents

1. General Information			x1,001	Pris.	6
1.1. Client Information 1.2. Description of Device (EUT) 1.3. Auxiliary Equipment Used Durin 1.4. Operation channel list 1.5. Description of Test Modes 1.6. Measurement Uncertainty 1.7. Test Summary 1.8. Description of Test Facility 1.9. Disclaimer 1.10. Test Equipment List 2. Antenna requirement 2.1. Conclusion 3. Conducted Emission at AC power line 3.1. EUT Operation 3.2. Test Setup 3.3. Test Data 4. Occupied Bandwidth 4.1. EUT Operation 4.2. Test Setup 4.3. Test Data 5. Maximum Conducted Output Power 5.1. EUT Operation 5.2. Test Setup 5.3. Test Data 6. Channel Separation 6.1. EUT Operation 6.2. Test Setup 5.3. Test Data	ıg Test				
2. Antenna requirement	And	indek			14
2.1. Conclusion	K Anbo	- ak	pabore.	Anu	
3. Conducted Emission at AC power line	otek Anbr		,et	ster An	
3.1. EUT Operation 3.2. Test Setup 3.3. Test Data	npolek A	nbo ^{ten} Anb ^o		nbotek Manak	
4. Occupied Bandwidth		Anbo		Anbore	
4.1. EUT Operation 4.2. Test Setup 4.3. Test Data	stek public	,at Anbotek	Ann Andostek	proboti tek Ant	19 19 19
5. Maximum Conducted Output Power		boten Aupo		potek	
5.1. EUT Operation 5.2. Test Setup 5.3. Test Data	Anborek Anborek	Anotek Ar	Annotek	Anborek	20 21 21
6. Channel Separation	Antopten	Anb-	nborek	Pupore	
6.1. EUT Operation6.2. Test Setup6.3. Test Data7. Number of Hopping Frequencies		ek	ar and an article	de _{n 1} 9 10 ^{Noto} l	22 22 23
7 Number of Hopping Frequencies					
 7.1. EUT Operation 7.2. Test Setup 7.3. Test Data 8. Dwell Time 			Anbo. Anbotek	Anbotek Anbotek	24 25 25
8. Dwell Time		sk pubote.	Ann		26
8.1. EUT Operation 8.2. Test Setup 8.3. Test Data	oot ^{ek}	, noter Ant		A A A A A A A A A A A A A A A A A A A	27 27 27
9. Emissions in non-restricted frequency					
9.1. EUT Operation 9.2. Test Setup 9.3. Test Data		K		And	29

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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

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

Hotline



Report No.: 18220WC40012401	FCC ID: 2AE	W6-TE-EB5	617-19 P	age 3 of 4	3nbore
10. Band edge emissions (Radiated)	All Antootek	Anboten	Ander	Anbotek	31
10.1. EUT Operation	ok	Anbor	An	Anboten	31
10.1. EUT Operation 10.2. Test Setup 10.3. Test Data	,00, br.	K. Arbore.	Anu	anbote	32
NOV NOV		otek Anbo	8	40× 194	33
11. Emissions in frequency bands (below 10	Hz)		Polog Vila	<u></u>	. 34
11.1. EUT Operation 11.2. Test Setup		Apporter Ar		hpoter	34
11.2. Test Setup 11.3. Test Data		Anboten	.p.00~		35 36
12. Emissions in frequency bands (above 1	GHz)	Anboter	Ann	hubotek	38
12.1. EUT Operation	o. k	K Anbote.	Ann	bote	38
12.2. Test Setup	obote. Anu		sk Aupo.		. 39
12.3. Test Data		or priv		ien Aup.	40
APPENDIX I TEST SETUP PHOTOGRAF	PH	abotek An		-otek	43
APPENDIX II EXTERNAL PHOTOGRAPH			Nopore. Ar	······	43
APPENDIX III INTERNAL PHOTOGRAPH	d	Ano			43

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Product Safety Anbotek	
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Report No.: 18220	WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 4 of 43
Anboten Anbo stek	Anbotek Anbotek Anbotek Anbotek
	TEST REPORT
Applicant	: TESONIC INTERNATIONAL (HK) LTD.
Manufacturer	: TESONIC INTERNATIONAL (HK) LTD.
Product Name	MVMT TWS 300MAH SPLASH PROOF, : IPX4 80STBY/MVMT TWS 230MAH DIG BAT IND 14HPT CLEAR CHRGE
Test Model No.	EB5619 Anborek Anborek Anborek Anborek Anborek
Reference Model No.	: EB5617-GNM, EB5617-SIA, EB5619-BLK, EB5619-WHA
Trade Mark	: N/Anborek Anborek Anborek Anborek Anborek Anborek Anborek
Rating(s)	Case Input: 5V= 230mA(with DC 3.7V, 230mAh Battery inside) Single Earphone Input: DC 3.7V, 40mAh Battery inside
Test Standard(s)	47 CFR Part 15.247 : ANSI C63.10-2020 KDB 558074 D01 15 247 Maas Guidance v05r02

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

Date of Receipt:

abotek Ar

Jan. 18, 2024

Date of Test:

Prepared By:

Jan. 18, 2024 to Feb. 04, 2024

Nian xiu Chen

(Nianxiu Chen)

Idward pav

Approved & Authorized Signer:

(Edward Pan)

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





Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 5 of 43

Revision History

Report Version	Description	Issued Date
R00 potek	Original Issue.	Feb. 04, 2024
Anborek Anborek	Anbotek Anbotek Anbotek	Anboi Anto Anborek Anb
on Annotek Anbotek	Anbotek Anbotek Anbot	ntek unbotek Anbotek A

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 6 of 43

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 SPLASH PROOF, IPX4 80STBY/MVMT TWS 230MAH DIG BAT IND 14HPT CLEAR CHRGE
Test Model No.	:	EB5619
Reference Model No.	:	EB5617-GNM, EB5617-SIA, EB5619-BLK, EB5619-WHA (Note: All samples are the same except the model number and appearance color, so we prepare "EB5617" for test only.)
Trade Mark	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbo
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/Aotek Anbotek Anbotek Anbotek Anbotek Anbotek
PO No	:	18677 And
Age Grade	:	Adult potek Anboret Anboret Anborek Anborek Anborek
Country of origin	:	CHINA Model And
Buyer	:	JME & CO. NYC.LLC
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbotek Anbotek Anbotek Anbotek Anbo
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	Ceramics Antenna
Antenna Gain(Peak)	:	2.7dBi Anborek Andrek Anborek Anborek
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 7 of 43

1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
k botek Anboten	And otek unbotek	Anbon An abotek	Anboren Ano

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Anbotek Product Safety

Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 8 of 43

1.4. Operation channel list

Operation Band:

Operation L	and.	P. V	wo ^{to}	Ann	×ek		M. K
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 Anbote	2402	20 00	2422	40	2442,00 ¹⁶	60	2462
tek 1 Anbr	2403	1 21 N	ote ^k 2423 pr/20	41	2443 And	61 And	2463
botek2	2404	22	2424	42	2444	n ^{bote} 62	2464
3 [%]	2405	23	2425	Anbort 43	2445	63	2465
4 dotek	2406	24 ex	2426	× 44	2446	64	2466
5 abotek	2407	25	2427	45	2447	65 ¹⁰⁰¹⁰	2467
ek 6 000	2408 ¹⁰⁰¹⁰	26	otek 2428 Moot	46 Anbo	2448	rek 66 Aupr	2468
	bote ² 2409 pri ^b	27	2429	otek 47 An	2449	bote ^k 67	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	2452	70 potek	2472
11	2413	31 ^{nbot}	2433	K 51 Anbot	2453	ek 71 Anbo	2473
12 4	2414	tek 32 And	2434	otek 52 Ant	2454	ote ^k 72	2474 ×
13 AT	2415	Nootek 33 P	2435	53	2455	73	2475
nbot14	2416	Ano 34	2436	54	2456	74.04	2476
pm15	2417	A 35	2437	55	2457	75 otek	2477
16	2418	36 0010	2438	56 note	2458	76	2478
17Anbor	2419	ek 37 Anbc	2439	stek 57 Anto	2459	77 T	2479 M
otek 18 Ant	2420	oote ^k 38 M	2440	58	2460	78	2480
nb ^{otek} 19	2421	39	2441	59	2461	Auportek	anbo <u>r</u> ek
Lotek	Anbo.	. wek	aboth	Ann	Loter	anbo	. ek

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FCC ID: 2AEW6-TE-EB5617-19 Report No.: 18220WC40012401

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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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 10 of 43

1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Anbo nek / Anbotek	PP ^{oore}
Conducted Emission at AC power line	Mode1,2,3	K Panb
Occupied Bandwidth	Mode1,2,3	ote ^k P P
Maximum Conducted Output Power	Mode1,2,3	nb ^{otek} P
Channel Separation	Mode4,5,6	Aupo
Number of Hopping Frequencies	Mode4,5,6	A'Pote
Dwell Time	Mode4,5,6	PAnb
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	ptek P A
Band edge emissions (Radiated)	Mode1,2,3	nbotek P
Emissions in frequency bands (below 1GHz)	Mode1,2,3	AnbotP
Emissions in frequency bands (above 1GHz)	Mode1,2,3	ArPoten

Anbo

N: N/A, not applicable

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FCC ID: 2AEW6-TE-EB5617-19

1.8. Description of Test Facility

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

FCC-Registration No.:434132

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

ISED-Registration No.: 8058A

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

Test Location

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

1.9. Disclaimer

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

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

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 P

Page 12 of 43

1.10. Test Equipment List

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	
10 2°K	2 Three Phase V- 2 type Artificial CYBERTEK Power Network		EM5040DT	E215040D T001	2023-07-05	2024-07-04	
N3001	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11	
4 ^{Anl}	4 Software Name EZ-EMC Farad Teo		ANB-03A	N/A Anioc	te. And Anbot	ek Anborek	

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

Item	EquipmentManufacturerConstant TemperatureZHONGJIANHumidity ChamberIVYTECH		turer Model No.		Last Cal.	Cal.Due Date	
e ^x 1			ZJ- KHWS80B	N/A	2023-10-16	2024-10-15	
2			IV3605	1804D360 510	2023-10-20	2024-10-19	
Anb 3	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	
-oter	AUD L	ek soor	Pu.	-over	AUDO	*ex	

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19

Page 13 of 43

	edge emissions (Ra sions in frequency ba		Anbotek	Anborek	Anbotek	Anboten	
ltem	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	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11	
nb.3°K	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15	
A400t	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A oter	Agbor	Amborek	
5An	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	
7.4	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24	

Emis	nissions in frequency bands (below 1GHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11	
2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11	
ooten 3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	
Anbo 4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	
5	EMI Test Software EZ-EMC	SHURPLE	N/A Anbot	otek N/A	potek / Anbote	tek Andra	

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FCC ID: 2AEW6-TE-EB5617-19

2. Antenna requirement

Ant sk storek	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
Anbors An-	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
ion Aupo	of an antenna that uses a unique coupling to the intentional radiator shall be
otek unboten An	considered sufficient to comply with the provisions of this section.
0 1	

2.1. Conclusion

The antenna is a Ceramics Antenna which permanently attached, and the best case gain of the antenna is 2.7dBi . It complies with the standard requirement.

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Test Requirement:

Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

3. Conducted Emission at AC power line

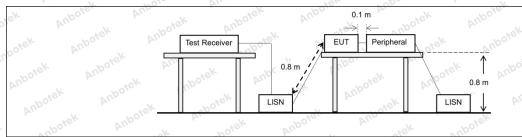
section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).
Refer to 47 CFR 15.207(a), Except as shown in paragraphs (b)and (c)of this

atek anboter	Frequency of emission (MHz)	Conducted limit (dBµV)				
Anbo. A. stek	unbote And ak ab	Quasi-peak	Average			
Anbo	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 00 000 000 000 000 000 000 000 000 0	56	46 And			
Aupor Ar	5-30 Moore And	60 otek Anbo	50 jek no			
tek unbotek Ant	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	Anbo stek anbotek	Anbor			
Procedure:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power- line conducted emissions from unlicensed wireless devices					

3.1. EUT Operation

Operating Env	rironment:
Test mode:	 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

3.2. Test Setup



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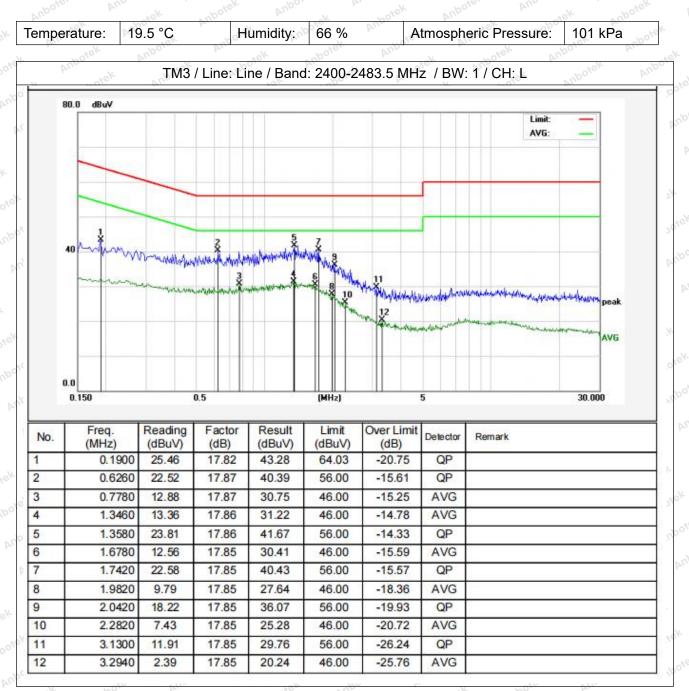
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 16 of 43

3.3. Test Data

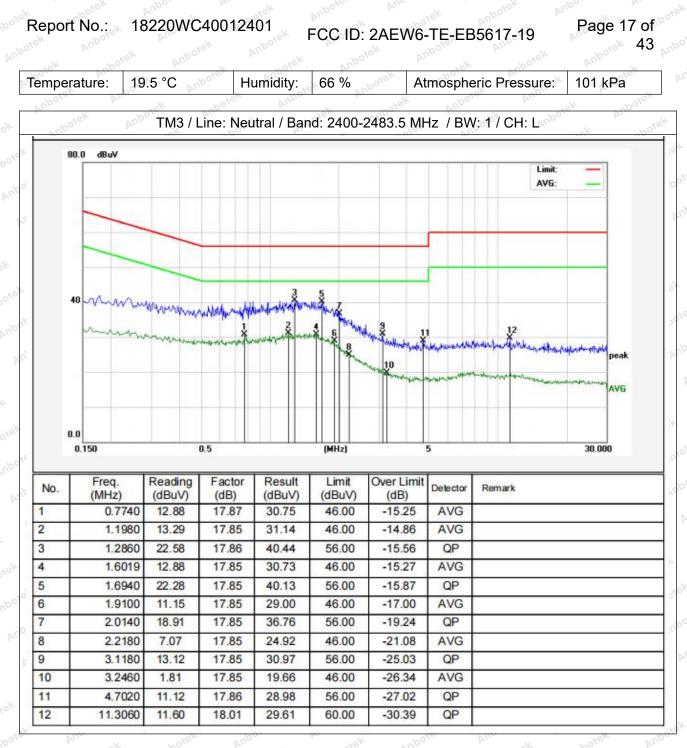


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Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com







Note:Only record the worst data in the report.

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Anbotek Product Safety

Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

4. Occupied Bandwidth

Test Requirement:	47 CFR 15.215(c)
Test Limit: ^{botek}	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
nbotek Anbotek Anb nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbotek hotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth: a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2. d) Step a) through step c) might require iteration to adjust within the
Procedure:	specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold
potek Anbore Al Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).
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4.1. EUT Operation

Operating Envir	onment:					abotek	
Test mode:	hopping) wi 2: TX-π/4-E (non-hoppin 3: TX-8DPS	ith GFSK mod DQPSK (Non- ng) with π/4 E	Hopping): Kee OQPSK modul ping): Keep th	ep the EUT i ation.	n continuou	sly transmitti	ng mode

4.2. Test Setup

er.		EUT		Spectrum	Analyzer	
NO ^X		stek onbor-	b	. A	boter-	

4.3. Test Data

		Temperature:	25.6 °C	Anboret	Humidity:	45 %	nbotek	Atmospheric Pressure:	101 kPa
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FCC ID: 2AEW6-TE-EB5617-19

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
Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	 This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer settings: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow trace to stabilize. h) Use the marker-to-peak function to set the marker to the peak of the emission. i) The indicated level is the peak output power, after any corrections for external attenuators and cables. j) A spectral plot of the test results and setup description shall be included in the test report.
ek Anbotek Anbo	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
mibotek Al	analyzer.

5.1. EUT Operation

Operating Envi	ronment:					
Test mode:	1: TX-GFSK (Non-H hopping) with GFSH 2: TX-π/4-DQPSK ((non-hopping) with 3: TX-8DPSK (Non- hopping) with 8DPS	K modulation. Non-Hopping): k π/4 DQPSK moo Hopping): Keep	Keep the EUT dulation.	in continuo	usly transmi	tting mode

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 21 of 43

5.2. Test Setup

-1		hbotek	EUT		Spectru	m Analyzer			
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0'0	5.3. Test Data	h. nbotek	Anbor	e. Ar	botek	Anbotek	Anbo	nboth	3K

tek npo.	pr.	hote.	Ann	tek nbu	pr. N
Temperature:	25.6 °C	Humidity:	45 % mbotek	Atmospheric Pressure:	101 kPa

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6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Anborek Anborek Test Limit: Anborek 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
nbotek Anbotek Anb Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 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.
Procedure:	 d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize.
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	onment:	upo k.	abotek	Anboro	And	Anbotek	PL
Test mode:	4: TX-GFSK (Hopp with GFSK modula 5: TX-π/4-DQPSK (hopping) with π/4 6: TX-8DPSK (Hop with 8DPSK modu	ation,. (Hopping): K DQPSK moo oping): Keep	Geep the E dulation.	UT in contir	nuously transm	itting mode	ek ootek

6.2. Test Setup

EUT		Spec	trum Analy	zer
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Anbotek





Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 23 of 43

6.3. Test Data

Temperature:	25.6 °C	Anbot	Humidity:	45 %	Anbotel	Atmospheric Pi	ressure:	101 kPa	2401
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FCC ID: 2AEW6-TE-EB5617-19

7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anorek	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 nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	 The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen. b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
Procedure:	 c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
botek Anbotek A	f) Trace: Max-hold. g) Allow the trace to stabilize.
Anbotek Anbo. Anbotek Anbotek	It might prove necessary to break the span up into subranges to show clearly all of the hopping frequencies. Compliance of an EUT with the appropriate regulatory limit shall be determined for the number of hopping channels. A spectral plot of the data shall be included in the test report.

7.1. EUT Operation

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

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 25 of 43

7.2. Test Setup

t		hbotek	EUT		Spectru	m Analyzer		Anbotek A	
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nbot	7.3. Test Data	h. nbotek	Anbore	۲۲ مر	botek	Anbotek	Anbo	k nbotel	

ASK NOV	M. W	~ore	Ann	ACK NOV	M. N.
Temperature:	25.6 °C	Humidity:	45 % monet	Atmospheric Pressure:	101 kPa

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FCC ID: 2AEW6-TE-EB5617-19

8. Dwell Time

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Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anboren	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
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.
Anbotek Anbot Anbotek Anbote crek Anbotek Anbote stek Anbotek Anb	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.
Anbotek Anbotek	Use the following spectrum analyzer settings to determine the dwell time per hop:
Anbotek Anbotek Anbotek	a) Span: Zero span, centered on a hopping channel. b) RBW shall be ≤ channel spacing and where possible RBW should be
tek Anbote. And	set >> 1 / T, where T is the expected transmission time per hop. c) Sweep time: Set so that the start of the first transmission and end of the
botek Anboten An	last transmission for the hop are clearly captured. Setting the sweep time to be slightly longer than the hopping period per channel (hopping period =
Anbotek Anbotek Anbotek Anbotek	 1/hopping rate) should achieve this. d) Use a video trigger, where possible with a trigger delay, so that the start of the transmission is clearly observed. The trigger level might need adjustment to reduce the chance of triggering when the system hops on an adjacent
ek Anbotek Anbot	channel. e) Detector function: Peak.
k botek Ant	f) Trace: Clear-write, single sweep.

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Anbotek Product Safety

Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

Page 27 of 43

g) Place markers at the start of the first transmission on the channel and at 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 Envi	ronment: ^{bore} And borek Anborek Anborek Anborek Anborek Anborek
Test mode:	 4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,. 5: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π/4 DQPSK modulation. 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

8.2. Test Setup

Anbotek	EUT		Sp	pectrum Analy	/zer	
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8.3. Test Data

Temperature:	25.6 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
hor All	105	000-	Ja.	hor Pri	101

Please Refer to Appendix for Details.

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FCC ID: 2AEW6-TE-EB5617-19

Page 28 of 43

9. Emissions in non-restricted frequency bands

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Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anborek Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 7.8.7 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbo	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.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.
Procedure: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	The limit is based on the highest in-band level across all channels measured using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbot	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

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Anbotek Product Safety

Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

Page 29 of 43

standards measurement procedures described in Clause 6 with the 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 Environment:

Operating Envil	onment: whether a set and the
Anbotek Anb	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non- hopping) with GFSK modulation.
Anborek	2: TX- π /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π /4 DQPSK modulation.
ek opbotek	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,.
Anbotek Anbo	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation.
Anbotek A	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

9.2. Test Setup

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 30 of 43

9.3. Test Data

Temperature:	25.6 °C	Anbot	Humidity:	45 %	Anbotel	Atmosphe	eric Pressure:	101 kPa	Ye.
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Report No .:

18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19

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
otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anbore, And	0.009-0.490	2400/F(kHz)	300 otek
botek Anbor	0.490-1.705	24000/F(kHz)	30
Ant set abover	1.705-30.0	30	30
Anboi Air	30-88	100 **	3
k sbotek Anbu	88-216	150 **	3 0010 ATT
Allerek	216-960	200 **	3 notek prib
Test Limit:	Above 960	500 ragraph (g), fundamental emissi	3 AN
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbote tek Anbotek Anbotek Anbotek Anbotek A	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	ng under this section shall not b z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt	e located in the 470-806 MHz. ed under other band edges. measurements uency bands 9– ision limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Jotek Anbotek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	unbotek Anbo
100 PM	V NOTE DAV	et apu	VL NO

10.1. EUT Operation

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

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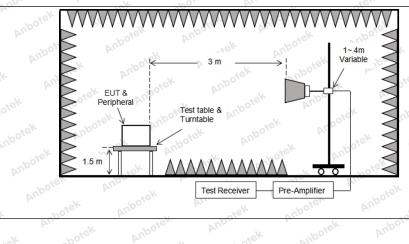




Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 32 of 43

10.2. Test Setup

PUp,



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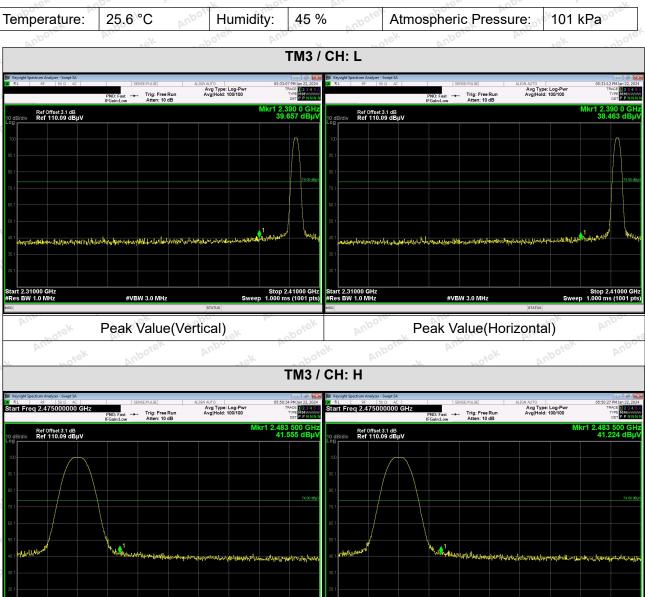
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 33 of 43

10.3. Test Data



tari 2.47500 GHz Res BW 1.0 MHz
#VBW 3.0 MHz
#VBW 3.0 MHz
#VBW 3.0 MHz
Branus

Peak Value(Vertical)

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Branus

Peak Value(Vertical)

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Start 2.47500 GHz
Branus

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Start 2.47500 GHz
Branus

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Start 2.47500 GHz
Branus

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Start 2.47500 GHz
Branus

Start 2.47500 GHz
#VBW 3.0 MHz
Branus

Start 2.47500 GHz
Branus
Start 2.47500 GHz
Branus
Start 2.47500 GHz
Branus
Start 2.47500 GHz
Branus
Start 2.47500 GHz
Branus
Start 2.47500 GHz
Bran

Remark:

During the test, pre-scan all modes, the report only record the worse case mode.
 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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FCC ID: 2AEW6-TE-EB5617-19

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
otek Anbotek Ant	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anbotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30
Anbotek Anbotek	1.705-30.0 30-88 88-216	30 100 ** 150 **	30 3 3
Anboten Anbo	216-960 Above 960	200 ** 500	3
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi ing under this section shall not b	
Anbotek Anbotek		z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt § 15.231 and 15.241.	
Anbotek Anbote	The emission limits shown	e, the tighter limit applies at the b in the above table are based on beak detector except for the freq	measurements
stek Anborek Ane	90 kHz, 110–490 kHz and a	above 1000 MHz. Radiated emised on measurements employing	sion limits in
Test Method:	detector. ANSI C63.10-2020 section		tek Anbote.
Procedure:	KDB 558074 D01 15.247 M ANSI C63.10-2020 section	- tok ho. A.	Anbotek Anbotek

11.1. EUT Operation

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

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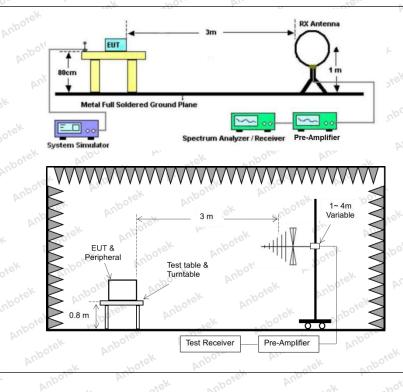
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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 35 of 43

11.2. Test Setup



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Anbotel

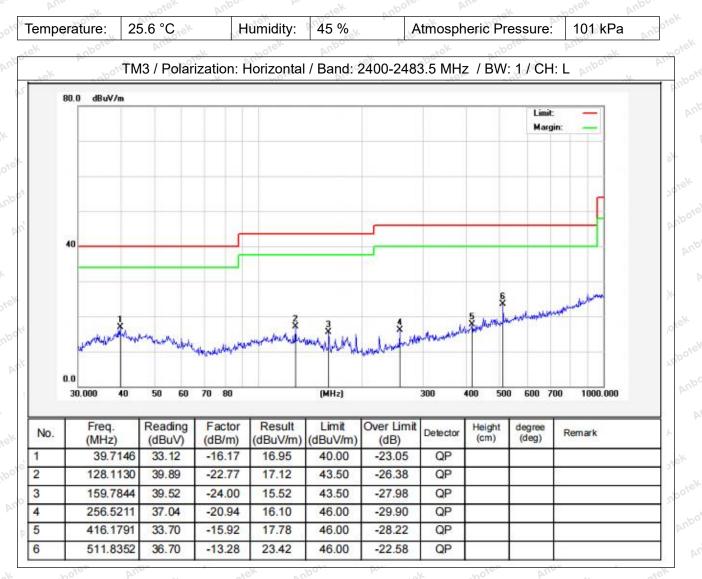




Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 36 of 43

11.3. Test Data

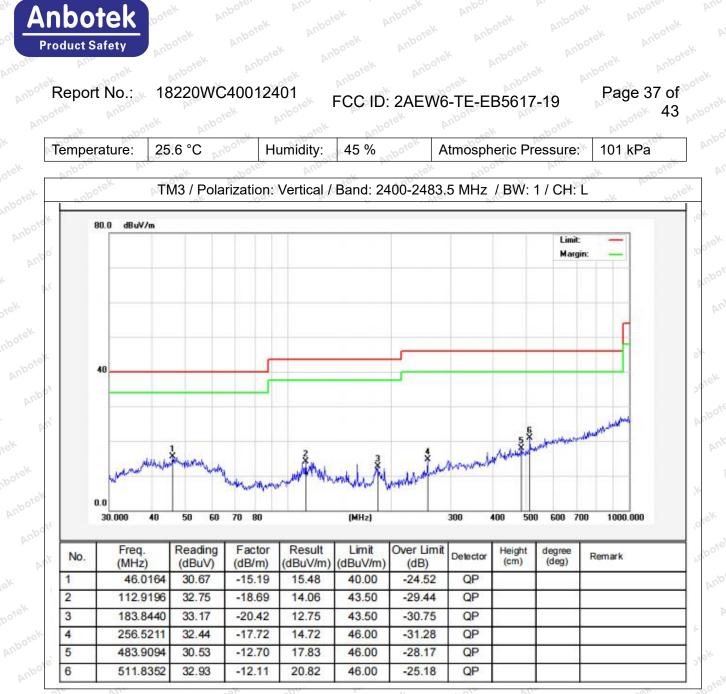
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note:Only record the worst data in the report.

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FCC ID: 2AEW6-TE-EB5617-19

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)).`									
potek Anbotek Ant	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)							
Anbotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30							
And Anbotek Anbotek	1.705-30.0 30-88	30 100 **	30							
ak Anbotek Anbo.	88-216 216-960 Above 960	150 ** 200 ** 500	3 000 AM							
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi ing under this section shall not b								
Anbotek Anbotek	frequency bands 54-72 MH However, operation within t sections of this part, e.g., §	z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241.	470-806 MHz. ed under other							
k Anbotek Anbotek Anbote	The emission limits shown employing a CISPR quasi-r	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	measurements uency bands 9–							
hotek Anbotek A		ed on measurements employing								
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		potek Anbotek							
Procedure:	ANSI C63.10-2020 section	6.6.4 model	Anbotek Anbo							

12. Emissions in frequency bands (above 1GHz)

12.1. EUT Operation

Operating Envi	ronment: ^{port} Andrek Anbolet Andre tek anbolek Anbolt A
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- π /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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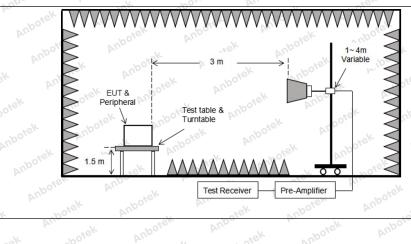




Page 39 of Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 43

12.2. Test Setup

PUp,



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Anbi





Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19

Page 40 of 43

12.3. Test Data

Temperature:	25.6 °C	Humidity:	45 %	Atmospheric	Pressure:	101 kPa
Anbore	ru-	aboten Anb		otek Anbot	Aus	od you
			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	26.74	15.27	42.01	74.00	-31.99	Vertical
7206.00	27.97	18.09	46.06	74.00	-27.94	Vertical
9608.00	28.65	23.76	52.41	74.00	-21.59	Vertical
12010.00	abottak	Anbor	in otek	74.00 M	-ek -	Vertical
14412.00	* otek	Anboten	And	74.00	Inport An	Vertical
4804.00	27.15	15.27	42.42	74.00	-31.58	Horizontal
7206.00	27.98	18.09	46.07	74.00	-27.93	Horizontal
9608.00	01ex 28.05 mbo	23.76	51.81	74.00	-22.19	Horizontal
12010.00	dek*	poter Anbo	alt do	74.00	An	Horizontal
14412.00	Anbe *k	abotek Ar	Pour Pur	74.00	ster And	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	otek 16.12 nbo	15.27	31.39	54.00	-22.61	Vertical
7206.00	17.00	18.09	35.09	54.00	-18.91	Vertical
9608.00	17.67	23.76	41.43	ote ⁴ 54.00 pm ^{b0}	-12.57	Vertical
12010.00	Anbor*	and tek	Anboter Ar	54.00	botek Anb	Vertical

30.77

35.13

41.12

Shenzhen Anbotek Compliance Laboratory Limited

AND

15.50

17.04

17.36

*

*

15.27

18.09

23.76

14412.00

4804.00

7206.00

9608.00

12010.00

14412.00

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-23.23

-18.87

-12.88

54.00

54.00

54.00

54.00

54.00

54.00



Vertical

Horizontal

Horizontal

Horizontal

Horizontal

Horizontal

Anbotek Product Safety

Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

Page 41 of 43

TM3 / CH: M

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	26.76	15.42	42.18	74.00	-31.82	Vertical
7323.00	27.82	18.02	45.84	74.00	-28.16	Vertical
9764.00	27.66	23.80	51.46	74.00	-22.54	Vertical
12205.00	* Press	tek unbotet	Anbo	74.00	Anbore	Vertical
14646.00	poten * Anbo	lek ab	stek Anborr	74.00	K Anboten	Vertical
4882.00	26.85	15.42	42.27	74.00	-31.73	Horizontal
7323.00	27.97	18.02	45.99	74.00	-28.01	Horizontal
9764.00	27.75	23.80	51.55	74.00	-22.45	Horizontal
12205.00	AQ.	abotek	Anbore	74.00	Anboter	Horizontal
14646.00	*Anbors	Annek	nboten	74.00	hotek	Horizontal

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	15.85	15.42	31.27	54.00	-22.73	Vertical
7323.00	17.10	18.02	35.12	54.00	-18.88	Vertical
9764.00	17.53	23.80	41.33	54.00	-12.67	Vertical
12205.00	tek * nbot	sk Aupo	ak botek	54.00	And	Vertical
14646.00	*	otek Anbor	An	54.00	Anbo	Vertical
4882.00	15.41	15.42	30.83 M	54.00	-23.17	Horizontal
7323.00	16.60	18.02	34.62	54.00		Horizontal
9764.00	17.87	23.80	41.67	54.00	-12.33	Horizontal
12205.00	* botek	Anbore	Ann	54.00	Anbo	Horizontal
14646.00	* · · · · · · · · · · · ·	K Anboten	Anoc	54.00	Anbore	Horizontal

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Report No.: 18220WC40012401

FCC ID: 2AEW6-TE-EB5617-19

Page 42 of 43

		-	TM3 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	27.03	15.58	42.61	74.00	-31.39	Vertical
7440.00	27.83	17.93	45.76	74.00	-28.24	Vertical
9920.00	28.21	23.83	52.04	74.00	-21.96	Vertical
12400.00	er * Aupo	at sotel	Anbort	74.00	Anbotet	Vertical
14880.00	ootek * Anbo	Pur Pu	tek Anbore	74.00	k sbotek	Vertical
4960.00	26.92	15.58 And	42.50	74.00 ¹⁰⁰¹	-31.50	Horizontal
7440.00	28.00	17.93	45.93	74.00	-28.07	Horizontal
9920.00	28.43	23.83	52.26	74.00	-21.74	Horizontal
12400.00	Artor	Am	nboten	74.00	botek	Horizontal
14880.00	ak * Anborek	AUP	Astorek	74.00	Air	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	16.97	15.58	32.55	54.00	-21.45	Vertical
7440.00	18.11	17.93	36.04	54.00	-17.96	Vertical
9920.00	18.08	23.83	41.91	54.00	-12.09	Vertical
12400.00	*	K Anboier	Anbe	54.00	Anboter	Vertical
14880.00	oter * Aup	ek abot	ek Anbor	54.00	Anboter	Vertical
4960.00	16.85	15.58	32.43	54.00	-21.57	Horizontal
7440.00	17.97	17.93	35.90	54.00 M	-18.10	Horizontal
9920.00	17.77	23.83	41.60	54.00	-12.40	Horizontal
12400.00	Aux *ek	abotek	Anbor	54.00	Anboten A	Horizontal
14880.00	¥upo,	p	Anbote	54.00	abotek	Horizontal

Remark:

1. Result =Reading + Factor

 "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

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

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Report No.: 18220WC40012401 FCC ID: 2AEW6-TE-EB5617-19 Page 43 of 43

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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