

 Report No.:
 182519C400037101
 FCC ID: A8I-FAIRY-2
 Page 1 of 40

# FCC Test Report

Applicant	: Shenz	zhen Divo	om Techn	ology Co	o.,Ltd.	
	hotek	Anbore	Anthotek	Anbotek	Anbo	
	1st flo	bor, 5th Bu	ilding, Xi	nlianhe l	Industrial P	6

Address

1st floor, 5th Building, Xinlianhe Industrial Park Jincheng Road, Shajing Town, Bao'an, Shenzhen, China

Product Name : Bluetooth Speaker

Report Date : Jul. 15, 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: A8I-FAIRY-2

Page 2 of 40

# Contents

1,	General Information	And Color		unbore.	bu	6
	<ul> <li>1.1. Client Information</li> <li>1.2. Description of Device (EUT)</li> <li>1.3. Auxiliary Equipment Used Durin</li> <li>1.4. Operation channel list</li> <li>1.5. Description of Test Modes</li> <li>1.6. Measurement Uncertainty</li> <li>1.7. Test Summary</li> <li>1.8. Description of Test Facility</li> <li>1.9. Disclaimer</li> <li>1.10. Test Equipment List</li> </ul>		orok polov na otok	x	1997 1997 1997 1997 1997 1997 1997	8 
<sup>∞</sup> 2.	Antenna requirement	And	e			14
	2.1. Conclusion	Anbo	rek ( ) obotel	4 polore	Ann	
3.	Conducted Emission at AC power line	otek Anb	or pr	day	oten And	
	<ul> <li>1.9. Disclaimer</li> <li>1.10. Test Equipment List</li> <li>Antenna requirement</li> <li>2.1. Conclusion</li> <li>Conducted Emission at AC power line</li> <li>3.1. EUT Operation</li> <li>3.2. Test Setup</li> <li>3.3. Test Data</li> <li>Occupied Bandwidth</li> <li>4.1. EUT Operation</li> <li>4.2. Test Setup</li> <li>4.3. Test Data</li> </ul>	nuotek	nbote: Ann Anbotek A	nborok Knontek	nbotek Ar	15 15 16
<u>ж</u> 4.	Occupied Bandwidth	Arboten	And			
	4.1. EUT Operation 4.2. Test Setup 4.3. Test Data	httpoten httpoten	hat Anbo	Antostek Antostek	hote Anbot	
Anbo	Maximum Conducted Output Power		botek Anbo	N. P.	botek An	20
	<ul> <li>4.3. Test Data</li> <li>Maximum Conducted Output Power</li> <li>5.1. EUT Operation</li> <li>5.2. Test Setup</li> <li>5.3. Test Data</li> <li>Channel Separation</li> <li>6.1. EUT Operation</li> </ul>					21
6.	Channel Separation		And And	-bovek	popore	
	6.3. Test Data		boley Wild	······································	potek Ant	
7.	Number of Hopping Frequencies		Anboten An	10° r		
	7.1. EUT Operation 7.2. Test Setup 7.3. Test Data Dwell Time 8.1. EUT Operation				Anbotek	23 23 23
8.	Dwell Time		sk pupore.	Ann		24
	8.1. EUT Operation 8.2. Test Setup 8.3. Test Data		patek poboł Minotek Ani	en Andr josek Ant		
9.	Emissions in non-restricted frequency	bands	Anbotek	Aupo,	h	
	<ul> <li>8.1. EUT Operation</li> <li>8.2. Test Setup</li> <li>8.3. Test Data</li> <li>Emissions in non-restricted frequency</li> <li>9.1. EUT Operation</li></ul>	Anb <sup>o</sup> Anb <sup>o</sup> tet	Arteotek Arteotek	Anoter Anoter	An- Anbonak Anbonak	27 27 27 27

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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.	
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Report No.: 182519C400037101	FCC ID: A8I-FAI	RY-2 Pa	age 3 of 40
10. Band edge emissions (Radiated)	Kanbotek Anbote	And	
10.1. EUT Operation 10.2. Test Setup 10.3. Test Data	not hubblet Anbo	no Annadek holen Annadek	
11. Emissions in frequency bands (below 1G		Andr	
11.1. EUT Operation 11.2. Test Setup 11.3. Test Data	Ann potek pobotek Anbotek Knootek Anbotek	Anbo Anbo An Anbo Anbo An Anbo Anbo Anbo Anbo Anbo Anbo Anbo Anbo	
12. Emissions in frequency bands (above 10	GHz)		
12.1. EUT Operation 12.2. Test Setup 12.3. Test Data	Annotek Manadak Manadak		11 A A
APPENDIX I TEST SETUP PHOTOGRAP APPENDIX II EXTERNAL PHOTOGRAPH APPENDIX III INTERNAL PHOTOGRAPH	Haro,	Antoo	

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Report No.: 1825	19C400037101         FCC ID: A8I-FAIRY-2         Page 4 of 40
	TEST REPORT
Applicant	: Shenzhen Divoom Technology Co.,Ltd.
Manufacturer	: Shenzhen Divoom Technology Co.,Ltd.
Product Name	: Bluetooth Speaker
Test Model No.	Fairy-2 And
Reference Model No.	: ArN/A Anborek Anborek Anborek Anborek Anborek Anborek Anborek
Trade Mark	: DIVOOM
Rating(s)	: Input: 5V-2A( with DC 3.7V, 2000mAh battery inside)
Test Standard(s)	47 CFR Part 15.247 : ANSI C63.10-2020

KDB 558074 D01 15.247 Meas 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:

Date of Test:

May 31, 2024 to Jul. 15, 2024

May 30, 2024

Tu Tu Hong

Prepared By:

(TuTu Hong)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

#### Shenzhen Anbotek Compliance Laboratory Limited

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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2 Page 5 of 40

# **Revision History**

Report Version		Description	Issued Date			
Anbote R00 potek	Anbotek	Original Issue	Anbotek	Anbote. Jul.	15, 2024	Anboter
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or Annotek Anbote	Anbo	otek Anbotek	Anbor	stek snbote	k Aupote,	4

Anbc

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# FCC ID: A8I-FAIRY-2

# 1. General Information

# 1.1. Client Information

Applicant	:	Shenzhen Divoom Technology Co.,Ltd.
Address	:	1st floor, 5th Building, Xinlianhe Industrial Park Jincheng Road, Shajing Town, Bao'an, Shenzhen, China
Manufacturer	:	Shenzhen Divoom Technology Co.,Ltd.
Address	:	1st floor, 5th Building, Xinlianhe Industrial Park Jincheng Road, Shajing Town, Bao'an, Shenzhen, China
Factory	:	Shenzhen Divoom Technology Co.,LTD.
Address	:	East of 1,2,4 Floor,5th Building,Heyi West,Xinlianhe Industrial Park, Shajing Town,Bao'an District,Shenzhen,City,Guangdong,China

# 1.2. Description of Device (EUT)

Product Name	:	Bluetooth Speaker
Test Model No.	:	Fairy-2 hotek Anbotek Anbotek Anbotek Anbotek Anbotek
Reference Model No.	:	N/A hotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek botek
Trade Mark	:	DIVOOM
Test Power Supply	:	AC 120V,60Hz for Adapter/DC 3.7V From Battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A tek pootek Anboren Ander Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	FPC Antenna
Antenna Gain(Peak)	:	2.77 dBi
Remark: (1) All of the RF speci		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

Úser's Manual.

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#### 182519C400037101 Report No .: FCC ID: A8I-FAIRY-2 Page 7 of 40

# 1.3. Auxiliary Equipment Used During Test

1.3. Auxiliary Equipn	nent Used During Test		
Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi Mootek	MDY-11-EX	SA62212LA04358J
pri botek Anboter	And otek unbotek	Anbor at pote	K Anboten And stek

#### Shenzhen Anbotek Compliance Laboratory Limited

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



FCC ID: A8I-FAIRY-2

Page 8 of 40

# 1.4. Operation channel list

Operation Band:

Operation D	und.	r v	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0111	10%		in v
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 Anbote	2402	20 00	2422	40	ex 2442,001e	60	2462
tek 1 Aup	2403	tek 21	o <sup>nd<sup>k</sup> 2423 pr<sup>b0</sup></sup>	41 And	2443 And	61 And	2463
botek2	2404 M	22	2424	42	2444	62	2464
3	2405	23	2425	Anborda	2445	63	2465
4 dotek	2406	Anna 24 tek	2426	44	2446	64	2466
5 botek	2407	25	2427	45	2447	65 <sup>,0010</sup>	2467
ek 6 000	2408	26	2428 NO	46 Anbo	2448	ret 66 prof	2468
	2409 M	27	2429	potek 47 An	2449	bote <sup>k</sup> 67	2469
8	2410	28	2430	48	2450	68	2470
Anbo 9 ek	2411	29	2431	49	2451	69	2471
Anbo 10 stek	2412	30	2432	50 <sup>oten</sup>	2452	70 000	2472
11	2413	31 <sup>nbore</sup>	2433	K 51 Anbor	2453	ek 71 nbo	2473
12 And	2414	1ek 32 Anb	2434	ote <sup>k</sup> 52 Ant	2454	ote <sup>×</sup> 72	pote <sup>k</sup> 2474 Ant
13 AT	2415	No <sup>otek</sup> 33 P	2435	53	2455	73	2475
Anboite	2416	34	2436	54	2456	74 et	2476
An15	2417	35	2437	55 tek	2457	75 otek	2477
16	2418	36 bote	2438	56 note	2458	76	2478
K 17 Anbot	2419	e <sup>k</sup> 37 Anbo	2439	rek 57 no	2459 Moon	77 And	ote <sup>k</sup> 2479 pr
otek 18 Ant	2420	o <sup>re<sup>k</sup> 38 🔊</sup>	2440	58	2460	78	2480
nb <sup>ote</sup> 19	2421	39	2441	59	2461	Pupor-	Pr. potek

# 1.5. Description of Test Modes

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

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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2 Page 9 of 40

TM6

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

# 1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Anborek Anborek Anborek Anbore
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
The measurement uncertainty and decision risk e This uncertainty represents an expanded uncerta level using a coverage factor of $k=2$ .	valuated according to AB/WI-RF-F-032. inty expressed at approximately the 95% confidence

Anbo

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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2

Page 10 of 40

# 1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboter	AntPotek
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PAR
Maximum Conducted Output Power	Mode1,2,3	P As
Channel Separation	Mode4,5,6	Pek
Number of Hopping Frequencies	Mode4,5,6	Anbor Potek
Dwell Time	Mode4,5,6	P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	Panb
Band edge emissions (Radiated)	Mode1,2,3	P An
Emissions in frequency bands (below 1GHz)	Mode1,2,3	nbore P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	AnborP
Note:	And rek aborek	Aupore

P: Pass<sup>o</sup>

N: N/A, not applicable

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#### FCC ID: A8I-FAIRY-2

#### 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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# FCC ID: A8I-FAIRY-2

Page 12 of 40

# 1.10. Test Equipment List

00		Loter Ano				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 L.I.S.N. Artificial Mains Network Rohde & Schwarz		ENV216	100055	2024-01-18	2025-01-17	
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3 of	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Avootek	Anboi
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
	all hor	P.1.	yer not		where the	e. Bree

Dwell	Time	K Anbor
Emiss	sions in non-restricte	d frequency bands
Occu	pied Bandwidth	oto Ann
Maxir	num Conducted Out	put Power
Chan	nel Separation	inbo in cote
Numb	per of Hopping Frequ	iencies
Item	Equipment	Manufacturer

ItemEquipmentManufacturerConstantConstantZHONGJIAN1TemperatureZHONGJIANHumidity ChamberConstantConstant		Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date 2024-10-15	
		ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16		
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19	
An3ote	3 Spectrum Analyzer Rohde & Schwarz		FSV40-N	101792	2024-05-06	2025-05-05	
4 MXA Spectrum Analysis K		KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21	
5 🖻	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11	
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03	

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# FCC ID: A8I-FAIRY-2

Page 13 of 40

	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	2024-01-23	2025-01-22
2	2 EMI Preamplifier SKET Electronic		LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
<sup>10</sup> 3	3 Double Ridged Horn Antenna SCHWARZBECK		BBHA 9120D	02555	2022-10-16	2025-10-15
nboten 4	4 EMI Test Software SHURPLE		N/A	N/A	And	Anbotek
5 Horn Antenna A-INFO		A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	6 Spectrum Analyzer Rohde & Schwarz		FSV40-N	101792	2024-05-06	2025-05-05
<sup>روبر</sup>	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

Emissions in frequency bands (below 1GHz)

	biolic in inequelley be					
ItemEquipmentManufacturer1EMI Test ReceiverRohde & Schwarz		Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
		ESR26	101481	2024-01-23	2025-01-22	
2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
34	Bilog Broadband Antenna Schwarzbeck		VULB9163	345	2022-10-23	2025-10-22
Antote	Loop Antenna (9K-		FMZB1519 B	00053	2023-10-12	2024-10-11
5.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/Anbot	ek Anbo	k Anbotek

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FCC ID: A8I-FAIRY-2

Page 14 of 40

# 2. Antenna requirement

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

# 2.1. Conclusion

The antenna is a **FPC antenna** which permanently attached, and the best case gain of the antenna is **2.77 dBi**. It complies with the standard requirement.

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FCC ID: A8I-FAIRY-2

Page 15 of 40

# 3. Conducted Emission at AC power line

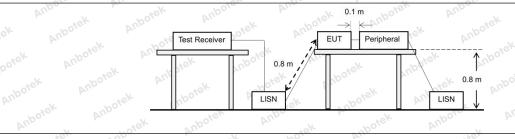
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency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

# 3.1. EUT Operation

# **Operating Environment:**

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

# 3.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

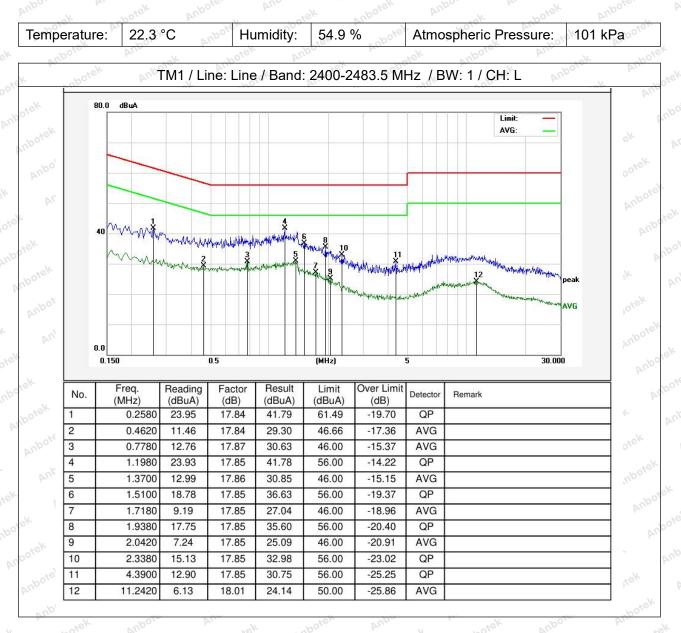
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





### FCC ID: A8I-FAIRY-2

# 3.3. Test Data

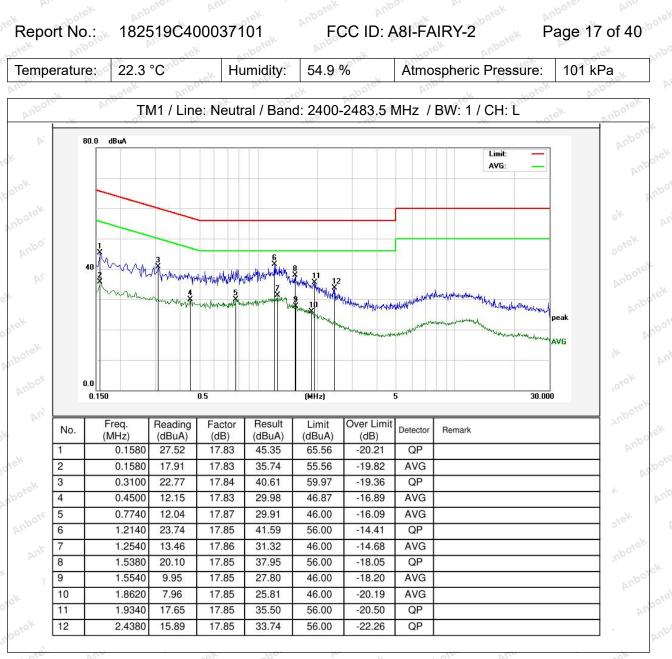


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Note: Only record the worst data in the report.

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FCC ID: A8I-FAIRY-2

# 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	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.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	<ul><li>b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.</li><li>c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In</li></ul>
Procedure:	<ul><li>general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2.</li><li>d) Step a) through step c) might require iteration to adjust within the specified range.</li></ul>
ek Anbotek Anbo notek 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 report the measured bandwidth.</li> </ul>
Anbotek Anbotek Anbotek Anbotek	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
Anbor Anborek Anbor botek Anborek Anbor	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
Anbotek Anbotek	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-

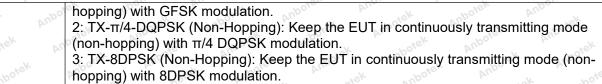
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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2 Page 19 of 40



# 4.2. Test Setup

ootek	Anbotek Anbotek	EUT _	~~~	Spectrum Analy	yzer		Anbotek
Anbote	k Anbore. ok	-boitek	Anbor	A	Anboter	Anbore	An-

## 4.3. Test Data

Tempe	rature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa	Anbo

Please Refer to Appendix for Details.

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FCC ID: A8I-FAIRY-2

Page 20 of 40

# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit:	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
Test Method:	ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek	This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer
	settings: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW.
Procedure:	<ul> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> <li>f) Trace: Max-hold.</li> </ul>
	<ul><li>g) Allow trace to stabilize.</li><li>h) Use the marker-to-peak function to set the marker to the peak of the emission.</li></ul>
	<ul><li>i) The indicated level is the peak output power, after any corrections for external attenuators and cables.</li><li>j) A spectral plot of the test results and setup description shall be included in</li></ul>
	the test report. NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum
ek Anbor An	analyzer.

# 5.1. EUT Operation

Operating Envi	ronment: http://www.cotek Anbote And tek hotek
Test mode:	<ol> <li>TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.</li> <li>TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation.</li> <li>TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.</li> </ol>

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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2 Page 21 of 40

# 5.2. Test Setup

Anbotek		EUT	Spec	strum Analyzer	Þr		Anbotek	
k Anberek	Anbote	Annotek	Anboter	And	Anbotek	Anbotek	Anbor	

# 5.3. Test Data

Temperature:	25.5 °C	200 _20K	Humidity:	47 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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# Report No.: 182519C400037101

FCC ID: A8I-FAIRY-2

# 6. Channel Separation

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

# 6.1. EUT Operation

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

# 6.2. Test Setup

potek Anbotek An	EUT	Spectrum Analyzer	otek Anborek An
6.3. Test Data	And Anbotek Anbote	ak Anbor Anborel	Anboren Anborek

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.

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# FCC ID: A8I-FAIRY-2

# 7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	<ul> <li>The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:</li> <li>a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.</li> <li>b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.</li> <li>c) VBW ≥ RBW.</li> <li>d) Sweep: No faster than coupled (auto) time.</li> <li>e) Detector function: Peak.</li> </ul>
tek Anbore Ann hootek Anborek A Anborek Anborek Anborek Anborek	<ul><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 Envir	ronment:			
Test mode:	<ul> <li>4: TX-GFSK (Hopping): Keep the with GFSK modulation,.</li> <li>5: TX-π/4-DQPSK (Hopping): Ke (hopping) with π/4 DQPSK modu</li> <li>6: TX-8DPSK (Hopping): Keep th with 8DPSK modulation.</li> </ul>	eep the EUT in co ulation.	ontinuously transm	itting mode

7.2. Test Setup

7.3. Test Dat	a botek					Anbo. An	otek Anbote
Temperature:	25.5 °C	Aupore	lumidity:	47 %	Anbore	Atmospheric Pressure	: 101 kPa

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# FCC ID: A8I-FAIRY-2

Page 24 of 40

# 8. Dwell Time

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Test Requirement:	47 CFR 15.247(a)(1)(iii)
Fest Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbo Anbotek Anbotek Anbotek Anbotek Anbotek	The dwell time per hop on a channel is the time from the start of the first transmission to the end of the last transmission for that hop. If the device has a single transmission per hop then the dwell time is the duration of that transmission. If the device has a multiple transmissions per hop then the dwell time is measured from the start of the first transmission to the end of the last transmission.
	The time of occupancy is the total time that the device dwells on a channel over an observation period specified in the regulatory requirement. To determine the time of occupancy the spectrum analyzer will be configured to measure both the dwell time per hop and the number of times the device transmits on a specific channel in a given period.
Procedure:	The EUT shall have its hopping function enabled. Compliance with the requirements shall be made with the minimum and with the maximum number of channels enabled. If the dwell time per channel does not vary wit the number of channels than compliance with the requirements may be based on the minimum number of channels. If the device supports different dwell times per channel (example Bluetooth devices can dwell on a channel for 1, 3 or 5 time slots) then measurements can be limited to the longest dwell time with the minimum number of channels.
	<ul> <li>Use the following spectrum analyzer settings to determine the dwell time pe hop:</li> <li>a) Span: Zero span, centered on a hopping channel.</li> <li>b) RBW shall be ≤ channel spacing and where possible RBW should be</li> </ul>
	<ul> <li>set &gt;&gt; 1 / T, where T is the expected transmission time per hop.</li> <li>c) Sweep time: Set so that the start of the first transmission and end of the last transmission for the hop are clearly captured. Setting the sweep time to be slightly longer than the hopping period per channel (hopping period = 1/hopping rate) should achieve this.</li> </ul>
	<ul> <li>d) Use a video trigger, where possible with a trigger delay, so that the start of the transmission is clearly observed. The trigger level might need adjustment to reduce the chance of triggering when the system hops on an adjacent channel.</li> <li>e) Detector function: Peak.</li> </ul>
	<ul><li>f) Trace: Clear-write, single sweep.</li><li>g) Place markers at the start of the first transmission on the channel and at</li></ul>

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

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Report No.:	182519C400037101

FCC ID: A8I-FAIRY-2

Page 25 of 40

the end of the last transmission. The dwell time per hop is the time between these two markers. To determine the number of hops on a channel in the regulatory observation period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep time. The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel divided by the spectrum analyzer sweep time multiplied by the regulatory observation period. For example, if three hops are counted with an analyzer sweep time of 500 ms and the regulatory observation period is 10 s, then the number of hops in that ten seconds is 3 / 0.5 × 10, or 60 hops. The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

# 8.1. EUT Operation

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

# 8.2. Test Setup

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#### 8.3. Test Data

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Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.

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# Report No.: 182519C400037101

FCC ID: A8I-FAIRY-2

Page 26 of 40

# 9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: 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
boter Anbo Anbotek Anbotek Anbotek Anbotek Anbotek Anbote ek 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.
	Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.
Procedure: potek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The limit is based on the highest in-band level across all channels measured using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.
otek Anbotek An Inbotek Anbotek An Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	When conducted measurements cannot be made (for example a device with integrated, non-removable antenna) radiated measurements shall be used. The reference level for determining the limit shall be established by maximizing the field strength from the highest power channel and measuring using the resolution and video bandwidth settings and peak detector as described above. The field strength limit for spurious emissions outside of restricted-bands shall then be set at the required offset (typically 20 dB) below the highest in-band level. Radiated measurements will follow the standards measurement procedures described in Clause 6 with the

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poter And tek	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
An- otek Anbo	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
abotek Anbo	band-edge.

# 9.1. EUT Operation

Operating Envir	ronment:
Anbotek Anbote	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
Anboten And	2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation.
Anbort	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,.
botek Anbotek	5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi$ /4 DQPSK modulation.
Anbotek Anbo	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

# 9.2. Test Setup

	Anbot	EUT		Spectrum	Analyzer
		oter Antor	F" M	k otek	Anbor

# 9.3. Test Data

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Temperature:	25.5 °C	Anbor	Humidity:	47 %	Atmospheric Pressure:	101 kPa
100			-xe**		K NOT DI	

Please Refer to Appendix for Details.

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FCC ID: A8I-FAIRY-2

Page 28 of 40

# 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			
Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
k hotek	0.009-0.490	2400/F(kHz)	300 mb <sup>ote</sup>			
nboren Anbe	0.490-1.705	24000/F(kHz)	30 Jotek			
atek unbore.	1.705-30.0	30° hi atek mbo	30			
Anbo	30-88	100 **	3tek Anbore			
aboten Anbe	88-216	150 **	3			
Al stek unbote	216-960	200 **	3 boter Ant			
Test Limit:	Above 960	500 hotek Anbo	3 otek and			
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek tek Anbotek Anbo	<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 Anbote.			
Procedure:	ANSI C63.10-2020 section	6.10.5.2	port An			

# 10.1. EUT Operation

Operating Envi	ronment: tek hootek Anbor Ak botek Anbore And dek
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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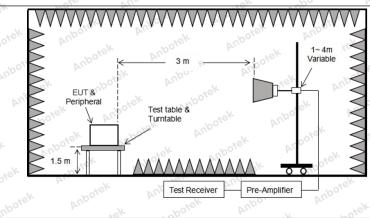




# FCC ID: A8I-FAIRY-2

Page 29 of 40

# 10.2. Test Setup



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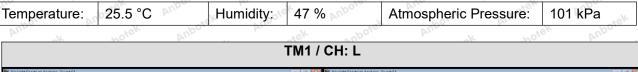


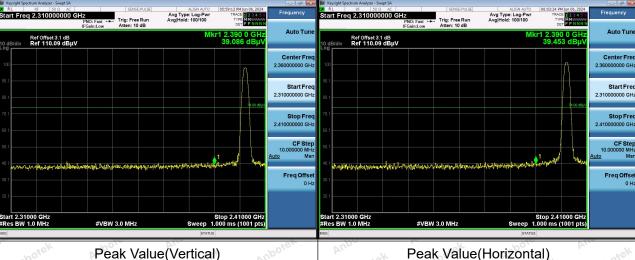


# FCC ID: A8I-FAIRY-2

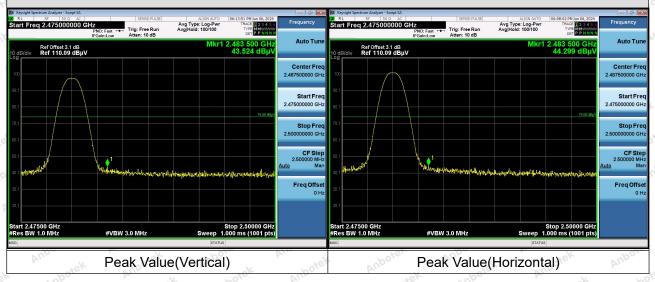
Page 30 of 40

# 10.3. Test Data









#### Remark:

1. During the test, pre-scan all modes, the report only record the worse case mode.

Note: When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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FCC ID: A8I-FAIRY-2

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

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

# 11.1. EUT Operation

Operating Envi	ronment: And
Test mode:	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. 2: TX- $\pi$ /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi$ /4 DQPSK modulation. 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

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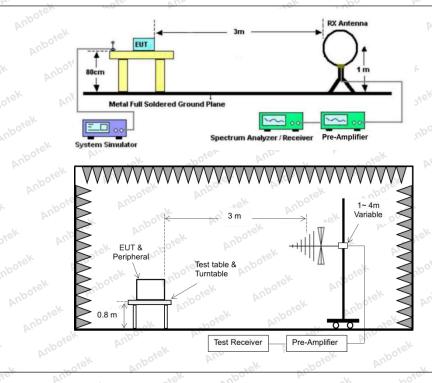




# FCC ID: A8I-FAIRY-2

Page 32 of 40

# 11.2. Test Setup



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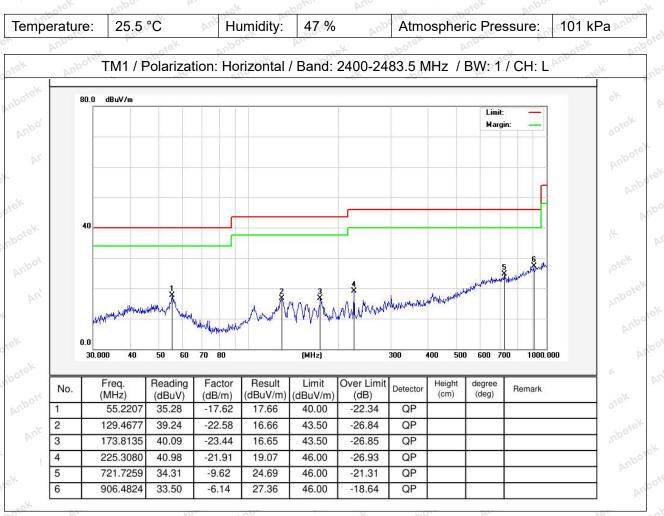




# FCC ID: A8I-FAIRY-2 Page 33 of 40

## 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.

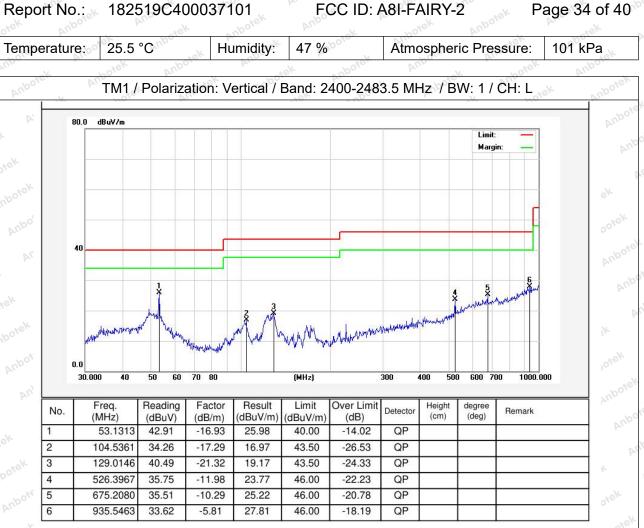


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Note: Only record the worst data in the report.

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FCC ID: A8I-FAIRY-2

Page 35 of 40

Test Requirement:		ions which fall in the restricted b omply with the radiated emissio 5(c)).`	
otek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 No <sup>ster</sup>
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30 100	30
	30-88	100 **	3 tek photo
	88-216	150 **	3100
	216-960	200 **	3 aboten pri
Test Limit:	Above 960	500 solet Moo	3 AT tek
	frequency bands 54-72 MH However, operation within 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	ting under this section shall not I Iz, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the in the above table are based or peak detector except for the free above 1000 MHz. Radiated emi ed on measurements employing	470-806 MHz. tted under other band edges. measurements quency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		botek Anboten
And	KDD 556074 D01 15.247 K	leas Guidance vosioz	notel hotel

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

# 12.1. EUT Operation

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

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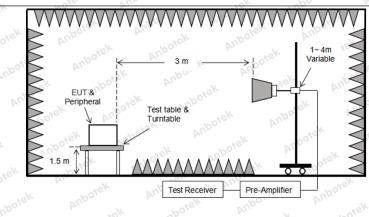




# FCC ID: A8I-FAIRY-2

Page 36 of 40

# 12.2. Test Setup



#### Shenzhen Anbotek Compliance Laboratory Limited

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FCC ID: A8I-FAIRY-2

Page 37 of 40

# 12.3. Test Data

Temperature:	25.5 °C	Humidit	y: 47 %	nbore	Atmospheric Pressure:	101 kPa
000	- An	-00. Pr		10.	NUL .	at soo.

	TM1 / CH: L						
Peak value:							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization	
4804.00	28.07	15.27	43.34	74.00	-30.66	Vertical	
7206.00	29.08	18.09	47.17	74.00	-26.83	Vertical	
9608.00	30.21	23.76	53.97	74.00	-20.03	Vertical	
12010.00	Anbote * Ar	in the second	hotek Anb	74.00	otek Anbott	Vertical	
14412.00	anbo*ek	Anbo	botek P	74.00	atek ant	Vertical	
4804.00	28.37	15.27	43.64	74.00	-30.36	Horizontal	
7206.00	29.58	18.09	47.67	74.00	-26.33	Horizontal	
9608.00	28.62	23.76	52.38	74.00	-21.62	Horizontal	
12010.00	otek * Anbo	n no	iek Anbore	74.00	, nbotek	Horizontal	
14412.00	botek* An	port Ant	atek anbo	74.00	ak bote	Horizontal	

#### Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.45	15.27	32.72	54.00	-21.28	Vertical
7206.00	18.11	18.09	36.20	54.00	-17.80	Vertical
9608.00	19.23	23.76	42.99	54.00	-11.01 ore	Vertical
12010.00	notet.	Anboten An	sek an	o <sup>ne 54.00</sup>	-k vi	Vertical **
14412.00	Ann * tek	nbotek	Anbolinek	54.00	bote. And	Vertical
4804.00	16.72	15.27	31.99	54.00	-22.01	Horizontal
7206.00	18.64	18.09	36.73	54.00	-17.27	Horizontal
9608.00	17.93	23.76	41.69	54.00	-12.31	Horizontal
12010.00	tek *	otek Anbo.	ek vor	54.00	Ann	Horizontal
14412.00	100 <b>*</b>	botek Ant	ore And	54.00	ek Anbo	Horizontal
		(n.	19.	9 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	N	10

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Report No.:

14646.00

182519C400037101

otek Anbore	Am	anboten	Anbo	botek	Anbort A	olek V
		-	TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.09	15.42	43.51	74.00	-30.49 <sup></sup>	Vertical
7323.00	28.93	18.02	46.95	74.00	-27.05	Vertical
9764.00	29.22	23.80	53.02	74.00	-20.98	Vertical
12205.00	ek * hotel	Anbo.	h notek	74.00	Ann	Vertical
14646.00	*	rek Anbore	And	74.00	Anbor	Vertical
4882.00	28.07	15.42	43.49	74.00	-30.51	Horizontal
7323.00	29.57	18.02	47.59	74.00	-26.41	Horizontal
9764.00	28.32	23.80	52.12	74.00	-21.88	Horizontal
12205.00	* tek	Anbote	Ann	74.00	Anbor A.	Horizontal
14646.00	Art otek	Anbotek	Anbo	74.00	Anbort	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.18	15.42	32.60	54.00	-21.40	Vertical
7323.00	18.21	18.02	36.23	54.00	-17.77 AM	Vertical
9764.00	19.09	23.80	42.89	54.00	-11.11	Vertical
12205.00	* Anbors	All	anboten	54.00	abotek.	Vertical
14646.00	otek * Anbot	And	ek spotek	54.00	Ar. Lotek	Vertical
4882.00	16.63	o <sup>tok</sup> 15.42	32.05	54.00	-21.95	Horizontal
7323.00	18.20	18.02	36.22	54.00	-17.78	Horizontal
9764.00	18.44	23.80	42.24	54.00	0010-11.76 Ant	Horizontal
12205.00	Anboten	Anb	abotek	54.00	- otek	Horizontal
1.523 A.			126.7	6-62-Y		N N

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54.00



Horizontal

Page 38 of 40

botek **Product Safety** 

en Anbu	r. rek	nbore	An-	hotek	Aup	At BK
		-	ГM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.36	15.58	43.94	74.00	-30.06	Vertical
7440.00	28.94	17.93	46.87	74.00	-27.13	Vertical
9920.00	29.77	23.83	53.60	74.00	-20.40	Vertical
12400.00	* wotek	Anboren	And	74.00	Anbor	Vertical
14880.00	* And	ek nbotel	Anbo	74.00	Anbore	Vertical
4960.00	28.14 M	15.58	43.72	74.00	-30.28	Horizontal
7440.00	29.60	17.93	47.53	74.00	-26.47	Horizontal
9920.00	29.00	23.83	52.83	74.00	-21.17	Horizontal
12400.00	And *	abotek	Anbor	74.00	Inboten Ant	Horizontal
14880.00	Arthorn	pr. notek	Anborek	74.00	nbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.30	15.58	33.88	54.00	-20.12	Vertical
7440.00	19.22	17.93	37.15	54.00	200 <sup>10-</sup> 16.85 M <sup>10</sup>	Vertical
9920.00	19.64	23.83	43.47	54.00	-10.53	Vertical
12400.00	k * obotek	Anbo	hotek	54.00	And	Vertical
14880.00	* *	Anborc	Antheret	54.00	Anbo	Vertical
4960.00	18.07	15.58 NO	33.65	54.00	-20.35	Horizontal
7440.00	19.57	17.93	pot <sup>ek</sup> 37.50 Anb <sup>o</sup>	54.00	-16.50	Horizontal
9920.00	18.34	23.83	42.17	54.00 M	-11.83	Horizontal
12400.00	* tek	Anbore	Annotek	54.00	100 M	Horizontal
14880.00	Alt *	aboten	Anboi	54.00	Anbor	Horizontal

#### Remark:

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

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# Report No.: 182519C400037101 FCC ID: A8I-FAIRY-2 Page 40 of 40

# **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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