

Radio Equipment Directive-Health  
For

Fhab Bluetooth Speaker  
Model No.: P326.642

Prepared for       :  
Address             :

Prepared By       : Shenzhen Anbotek Compliance Laboratory Limited  
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Report Number    : R0117010918H  
Date of Test       : Jan. 10~ 19, 2017  
Date of Report     : Jan. 20, 2017

## TABLE OF CONTENT

Description	Page
<b>1. GENERAL INFORMATION.....</b>	<b>4</b>
1.1 Description of Device (EUT).....	4
1.2 Description of Test Facility.....	5
1.3 Measurement Uncertainty.....	5
<b>2. GENERAL PRODUCT INFORMATION.....</b>	<b>6</b>
2.1 Product Function and Intended Use.....	6
2.2 Ratings and System Details.....	6
<b>3. EN 62479 REQUIREMENT.....</b>	<b>7</b>
3.1 General Description of Applied Standards.....	7
3.2 Human exposure to the Electromagnetic fields.....	7
3.3 RF Exposure Evaluation.....	7

**TEST REPORT DESCRIPTION**

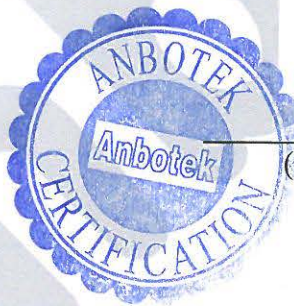
Applicant :  
Manufacturer :  
EUT : Fhab Bluetooth Speaker  
Model No. : P326.642  
Serial No. : N.A.  
Trade Mark : N.A.  
Rating : Input DC 5V, 1A (Battery DC 3.7V, 2000mAh)

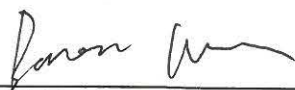
Test Procedure Used:  
EN 62479: 2010

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. This report shows the EUT to be technically compliant with the EN 62479: 2010 requirements. The test results are contained in this report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full responsibility for the accuracy and completeness of these tests. 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 Test : Jan. 10~ 19, 2017

Prepared by :




  
(Tested Engineer / Baron Wen)

Reviewer :

  
(Project Manager / Amy Ding)

Approved & Authorized Signer :

  
(Manager / Tom Chen)

## 1. GENERAL INFORMATION

### 1.1 Description of Device (EUT)

EUT : Fhab Bluetooth Speaker

Model Number : P326.642

Test Power Supply : AC 230V, 50Hz for adapter

Frequency : 2402-2480MHz

Max. Transmitting Power : 2.88 dBm Max.

Antenna gain : 0 dBi

Antenna type : PCB Antenna

Applicant : China Etech Groups Ltd  
Address : Room 3A15, Floor 4, Block C, Bao Yuan Huafeng  
Headquarter, Economy Building, Xixiang Road, Xixiang Street, Baoan District, Shenzhen, China

Manufacturer : China Etech Groups Ltd  
Address : Room 3A15, Floor 4, Block C, Bao Yuan Huafeng  
Headquarter, Economy Building, Xixiang Road, Xixiang Street, Baoan District, Shenzhen, China

Date of receipt : Jan. 10, 2017

Date of Test : Jan. 10~ 19, 2017

## 1.2 Description of Test Facility

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

**FCC-Registration No.: 752021**

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 752021, July 06, 2016.

**IC-Registration No.: 8058A-1**

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A, Jun. 13, 2016.

## Test Location

All Emissions tests were performed.

Shenzhen Anbotek Compliance Laboratory Limited. at 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China

### 1.3 Measurement Uncertainty

Radiation Uncertainty : Ur = 4.1 dB (Horizontal)  
Ur = 4.3 dB (Vertical)

Conduction Uncertainty :  $U_c = 3.4 \text{ dB}$

## 2. GENERAL PRODUCT INFORMATION

### 2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

### 2.2 Ratings and System Details

		Transmitter
Frequency Range	:	2402-2480MHz
Power Supply	:	DC 3.7V Battery inside
Protection Class	:	III

### 3. EN 62479 REQUIREMENT

#### 3.1 General Description of Applied Standards

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

#### 3.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

#### 3.3 RF Exposure Evaluation

##### 3.3.1 Limit:

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level  $P_{max}$ .

$P_{max} = 20 \text{ mW}$  (13.8 dBm) according to ICNIRP guidelines, since the EUT is General public used.

Remark:

B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2

C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2

D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.

##### 3.3.2 Test result

The EIRP of the EUT which are below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.

More details please refer to R0117010918W.