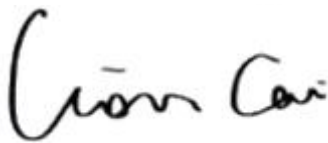


# TEST REPORT

**Application No.:** BTEK240716002AE  
**Applicant:** Shenzhen Aoxingao Technology Co.,Ltd  
**Address of Applicant:** GHI 3 Floor Block B Building 7, Qingxiang Road 1, Baoneng Technology Park, Longhua Town, Shenzhen China  
**Manufacturer:** ABC Technology(Hongkong)Ltd  
**Address of Manufacturer:** RM 1005, 10/F, Hoking Commercial Centre, 2-16 Fa Yuen Street, Mongkok, K1 HongKong, China  
**Equipment Under Test (EUT):**  
**EUT Name:** iBeacon  
**Test Model.:** PC063N  
**Adding Model(s):** /  
**Trade Mark:** /  
**FCC ID:** 2ACN3-PC063N  
**Standard(s) :** 47 CFR Part 2 Subpart J Section 2.1093  
447498 D01 General RF Exposure Guidance v06  
**Date of Receipt:** 2024-07-16  
**Date of Test:** 2024-07-17 to 2024-07-24  
**Date of Issue:** 2024-07-25

|                     |              |
|---------------------|--------------|
| <b>Test Result:</b> | <b>Pass*</b> |
|---------------------|--------------|

\* In the configuration tested, the EUT complied with the standards specified above.



Lion Cai/ Approved & Authorized  
EMC Laboratory Manager



| Revision Record |         |            |          |          |
|-----------------|---------|------------|----------|----------|
| Version         | Chapter | Date       | Modifier | Remark   |
| V0              |         | 2024-06-04 |          | Original |
|                 |         |            |          |          |
|                 |         |            |          |          |

|                          |  |                             |  |
|--------------------------|--|-----------------------------|--|
| Authorized for issue by: |  |                             |  |
|                          |  | Zora . Huang                |  |
|                          |  | Zora Huang/Project Engineer |  |
|                          |  | June Li                     |  |
|                          |  | June Li/Reviewer            |  |

Remarks:  
 The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



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## General Information

### 3.1 Details of E.U.T.

|                                                                                                                                                                                           |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Power supply:                                                                                                                                                                             | Battery 3V         |
| Frequency Range:                                                                                                                                                                          | 2402MHz to 2480MHz |
| Bluetooth Version:                                                                                                                                                                        | V4.0 BLE           |
| Modulation Type:                                                                                                                                                                          | GFSK               |
| Number of Channels:                                                                                                                                                                       | 40                 |
| Antenna Type:                                                                                                                                                                             | PCB Antenna        |
| Antenna Gain:                                                                                                                                                                             | 0dBi               |
| Sample No.:                                                                                                                                                                               | BTEK240716002AE-01 |
| Power supply:                                                                                                                                                                             | DC 3V by Battery   |
| Remark: The information in this section is provided by the applicant or manufacturer, BANTEK is not liable to the accuracy, suitability, reliability or/and integrity of the information. |                    |

### 3.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|-------------|--------------|-----------|------------|
| /           | /            | /         | /          |

### 3.3 Test Location

All tests were performed at:  
Shenzhen BANTEK Testing Co., Ltd.,  
A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District,  
Shenzhen, Guangdong, China 518103  
Tel:0755-2334 4200 Fax: 0755-2334 4200  
FCC Registration Number: 264293  
Designation Number: CN1356  
No tests were sub-contracted.

### 3.4 Deviation from Standards

None

### 3.5 Abnormalities from Standard Conditions

None



## 4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(b)

$$\left[ \frac{\text{[(max. power of channel, including tune-up tolerance, mW)]}}{\text{[(min. test separation distance, mm)]}} \cdot \sqrt{f(\text{GHz})} \right] \leq 3.0$$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

### 4.1 Assessment Result

☒ Passed ☐ Not Applicable

| Type | Frequency (MHz) | Conducted Power (dBm) | Maximum Tune-up (dBm) | Calculating data | Limit | Result |
|------|-----------------|-----------------------|-----------------------|------------------|-------|--------|
| BLE  | 2440            | -0.59                 | -0.5                  | 0.28             | 3.0   | Pass   |

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

