

# TEST REPORT

**Application No.:** BTEK250714074A02-T01  
**Applicant:** JinXuan Electronics (Hong Kong) Company Limited  
**Address of Applicant:** ROOM 07 7/F PROSPER COMM BLDG 9 YIN CHONG STREET KL  
**Manufacturer:** Jinxuan Electronics(Shenzhen) Co., Ltd.  
**Address of Manufacturer:** Room 901, Block A, Phase I, Galaxy World, Longgang District, Shenzhen City, Guangdong Province, China

**Equipment Under Test (EUT):**

**EUT Name:** TRUE WRELESS EARPHONE  
**Test Model.:** AUT212  
**Adding Model(s):** AUT212N,AUT212B,AUT212Y-X, AUT212-YY, AUT212-YY-X,  
AUT212Y-YY-X (Y=A to Z, YY=AA to ZZ, X=0 to 9 for MarketingRg  
purpose)

**Trade Mark:** 1HORA, , 

**FCC ID:** 2A9HV-AUT212

**Standard(s) :** 47 CFR Part 2 Subpart J Section 2.1093  
447498 D01 General RF Exposure Guidance v06

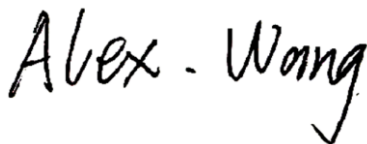
**Date of Receipt Sample(s):** 2025-08-06

**Date of Test:** 2025-08-07 to 2025-08-13

**Date of Issue:** 2025-08-14

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

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



Alex Wang / Approved & Authorized  
EMC Laboratory Manager



| Revision Record |            |           |         |
|-----------------|------------|-----------|---------|
| Version         | Issue Date | Revisions | Remarks |
| V0              | 2025-08-14 | Initial   | Valid   |
|                 |            |           |         |
|                 |            |           |         |

|                          |  |                                                                                                             |  |
|--------------------------|--|-------------------------------------------------------------------------------------------------------------|--|
| Authorized for issue by: |  |                                                                                                             |  |
|                          |  | <br>Karl Liu / File Editor |  |
|                          |  | <br>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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### 3 General Information

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

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:                 | (Charging case) Type-C input: 5V=400mA<br>Battery capacity: 3.7V=400mAh, 1.48 Wh<br>(Earphones)Type-C input: 5V=40mA<br>Battery capacity: 3.7V=40mAh, 0.148 Wh                                                                                                                                                                                                                                                                                          |
| Frequency Range:              | 2402MHz to 2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Bluetooth Version:            | V6.0 classic                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Modulation Type:              | GFSK, $\pi/4$ DQPSK, 8DPSK                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Number of Channels:           | 79                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Channel Spacing:              | 1MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Antenna Type:                 | Ceramic antenna                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Antenna Gain:                 | Left:1.5dBi<br>Right:1.5dBi                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sample No.:                   | BTEK250714074A02-01                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Model(s) Difference Statement | <input type="checkbox"/> Single Model.                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                               | <input checked="" type="checkbox"/> Multi-Models:AUT212, AUT212N, AUT212B, AUT212Y-X, AUT212-YY<br>AUT212-YY-X, AUT212Y-YY-X (Y=A to Z, YY=AA to ZZ, X=0 to 9 for MarketingRg purpose)<br>Only the model AUT212 was tested. According to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions of other models are identical for the above models, with only difference on Model No |

#### 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 Gangtuo 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)

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

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 |
|---------------------------------|-----------------|-----------------------|-----------------------|------------------|-------|--------|
| BT Classic<br>3DH5<br>Left ear  | 2480            | 3.54                  | 4.0                   | 0.79             | 3.0   | Pass   |
| BT Classic<br>2DH5<br>Right ear | 2480            | 3.61                  | 4.0                   | 0.79             | 3.0   | Pass   |

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

