



## Shenzhen Huaxia Testing Technology Co., Ltd.

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# TEST REPORT

**Report No. :** CQASZ20260500920E-02  
**Applicant:** ShenzhenDonghuaxiang Technology Co., Ltd.  
**Address of Applicant:** Room 302, No. 8, Xiaheng Lang New Industrial Zone, Shangheng Lang Community, Dalang Street, Longhua District, Shenzhen City  
**Equipment Under Test (EUT):**  
**EUT Name:** Wireless speaker  
**Model No.:** H1, H2, H3, H4, H5, H6, H7, H8, H9, H10, H11, H12, H13, H14, H15, H16, H17, H18, H19, H20  
**Test Model No.:** H5  
**Brand Name:** N/A  
**FCC ID:** 2A3PC-H5  
47 CFR Part 1.1307  
**Standards:** 47 CFR Part 1.1310  
KDB447498D01 General RF Exposure Guidance v06  
**Date of Receipt:** 2026-05-07  
**Date of Test:** 2026-05-07 to 2026-05-15  
**Date of Issue:** 2026-6-1  
**Test Result :** **PASS**

**Tested By:**

*Lewis Zhou*

( Lewis Zhou )

**Reviewed By:**

*Timo Lei*

( Timo Lei )

**Approved By:**

*Jack Ai*

( Jack Ai )



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## 1. Version

Revision History Of Report

| Report No.           | Version | Description    | Issue Date |
|----------------------|---------|----------------|------------|
| CQASZ20260500920E-02 | Rev.01  | Initial report | 2026-6-1   |

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### 3. General Information

### 4. Client Information

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Applicant:               | ShenzhenDonghuaxiang Technology Co., Ltd.                                                                                   |
| Address of Applicant:    | Room 302, No. 8, Xiaheng Lang New Industrial Zone, Shangheng Lang Community, Dalang Street, Longhua District, Shenzhen City |
| Manufacturer:            | ShenzhenDonghuaxiang Technology Co., Ltd.                                                                                   |
| Address of Manufacturer: | Room 302, No. 8, Xiaheng Lang New Industrial Zone, Shangheng Lang Community, Dalang Street, Longhua District, Shenzhen City |
| Factory:                 | ShenzhenDonghuaxiang Technology Co., Ltd.                                                                                   |
| Address of Factory:      | Room 302, No. 8, Xiaheng Lang New Industrial Zone, Shangheng Lang Community, Dalang Street, Longhua District, Shenzhen City |

### 5. General Description of EUT

|                       |                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Product Name:         | Wireless speaker                                                                                                   |
| Model No.:            | H1, H2, H3, H4, H5, H6, H7, H8, H9, H10, H11, H12, H13, H14, H15, H16, H17, H18, H19, H20                          |
| Test Model No.:       | H5                                                                                                                 |
| Trade Mark:           | N/A                                                                                                                |
| Software Version:     | XY700A_TWS                                                                                                         |
| Hardware Version:     | XY700A-V2.0                                                                                                        |
| Modulation Technique: | Frequency Hopping Spread Spectrum(FHSS)                                                                            |
| Modulation Type:      | GFSK, $\pi/4$ DQPSK, 8DPSK                                                                                         |
| Transfer Rate:        | 1Mbps/2Mbps/3Mbps                                                                                                  |
| Number of Channel:    | 79                                                                                                                 |
| Hopping Channel Type: | Adaptive Frequency Hopping systems                                                                                 |
| Antenna Type:         | PCB antenna                                                                                                        |
| Antenna Gain:         | -0.6dBi                                                                                                            |
| Product Type:         | <input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location |
| Power Supply:         | Li-ion battery DC 3.7V 400mAh, Charge by DC 5V for adapter                                                         |

## RF Exposure Evaluation

### RF Exposure Compliance Requirement

#### Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

##### 4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

#### Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>

The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusion

## EUT RF Exposure

### 1) For BT

#### Measurement Data

| Worst case: 8DPSK |                            |                            |                       |      |
|-------------------|----------------------------|----------------------------|-----------------------|------|
| Test Channel      | Peak Output Power<br>(dBm) | Tune up tolerance<br>(dBm) | Maximum tune-up Power |      |
|                   |                            |                            | (dBm)                 | (mW) |
| Lowest(2402MHz)   | 3.74                       | 4.0±1                      | 5                     | 3.16 |
| Middle(2441MHz)   | 4.89                       | 5.0±1                      | 6                     | 3.98 |
| Highest(2480MHz)  | 4.47                       | 4.5±1                      | 5.5                   | 3.55 |

|                                                         |                           |                  |                     |
|---------------------------------------------------------|---------------------------|------------------|---------------------|
| Worst case: 8DPSK                                       |                           |                  |                     |
| Channel                                                 | Maximum tuneup Power (mW) | Calculated value | Exclusion threshold |
| Lowest (2402MHz)                                        | 3.16                      | 0.980            | 3.0                 |
| Middle (2441MHz)                                        | 3.98                      | 1.244            |                     |
| Highest (2480MHz)                                       | 3.55                      | 1.116            |                     |
| Conclusion: the calculated value ≤3.0, SAR is exempted. |                           |                  |                     |

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260500920E-01