# FCC TEST REPORT

# FCC ID: 2ABK5HV803

| | | |
|---|---|---|
| Product Name | : | wireless headset |
| Model Name | : | HV803,HV-809,HV930,HV806,HV870,HV80,HV960,V8, FRESHeBUDS,AP-ACTIVA |
| Brand | : | N/A |
| Report No. | : | PT800851160401E-FC03 |

## Prepared for

Shenzhen Smart Link Communication Ltd

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## Prepared by

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## TEST RESULT CERTIFICATION

| | | |
|---|---|---|
| Applicant's name | : | Shenzhen Smart Link Communication Ltd |
| Address | : | 2F#1 Building, ZM Industrial Park, Baoji Road, Xuexiang, Bantian, Longgang Area,Shenzhen, China |
| Manufacture's name | : | Shenzhen Smart Link Communication Ltd |
| Address | : | 2F#1 Building, ZM Industrial Park, Baoji Road, Xuexiang, Bantian, Longgang Area,Shenzhen, China |
| Product name | : | wireless headset |
| Model name | : | HV803,HV-809,HV930,HV806,HV870,HV80,HV960,V8, FRESHeBUDS,AP-ACTIVA |
| Standards | : | FCC CFR47 Part 15 Section 15.247 |
| Test procedure | | ANSI C63.10:2013, DA 00-705 |
| Test Date | : | Apr. 07, 2016 ~ Apr.17, 2016 |
| Date of Issue | : | Apr.20, 2016 |
| Test Result | : | Pass |

This device described above has been tested by PTS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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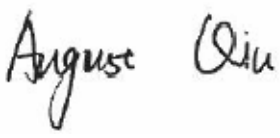
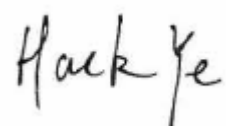
Testing Engineer

August Qiu



Technical Manager

Hack Ye



Authorized Signatory

Chris Du

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## 2 Test Summary

| Test Items | Test Requirement | Result |
|---|---|---|
| Maximum Permissible Exposure (Exposure of Humans to RF Fields) | 1.1307(b)(1) | PASS |
| Remark: | | |
| N/A: Not Applicable | | |

# 3 General Information

## 3.1 General Description of E.U.T.

| | | |
|---|---|---|
| Product Name | : | wireless headset |
| Model Name | : | HV803,HV-809,HV930,HV806,HV870,HV800,HV960,V8,FRESHeBUDS, AP-ACTIVA |
| Model Description | : | Just the model names are difference |
| Bluetooth Version | : | 4.0(With BLE) |
| Operating frequency | : | 2402-2480MHz, 79 channels |
| Antenna installation: | : | Integrated Antenna |
| Antenna Gain: | : | 0dBi |
| The lowest oscillator: | : | 26MHz |
| Type of Modulation | : | GFSK, Pi/4DQPSK, 8DPSK |
| Power supply | : | DC 3.7V  Power by battery, DC 5V charging by USB port |

# 4 RF Exposure

Test Requirement : FCC Part 1.1307

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v05

## 4.1 Requirements

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

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√ f(GHz)] ≤3.0 for 1-g SAR and ≤7.5 for 10-g extremity SAR where

1. f(GHz) is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤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.

## 4.2 The procedures / limit

| Item | Conducted Peak power(dBm) | Conducted Peak power(mW) | Source-based time-averaged maximum conducted output power(mW) | Minimum test separation distance required for the exposure conditions (mm) | SAR Test Exclusion Thresholds(mW) |
|---|---|---|---|---|---|
| BT(Normal) | 5.0 | 3.16 | 3.16 | 5 | 9.525 |
| BLE | -3.0 | 0.50 | 0.50 | 5 | 9.525 |
| Remark: | | | | | |
| BT: The power tune up tolerance is 4.0±1.0dBm | | | | | |
| BLE: The power tune up tolerance is -4.0±1.0dBm | | | | | |
| Max. duty factor is 100% | | | | | |
| Calculation formula: Source-based time-averaged maximum conducted output power(mW) =Conducted peak power(mW)*Duty factor | | | | | |

********THE END REPORT********