

# Test Report

Report No.: CQASZ170401373E-02

**Test Description:** Bluetooth Profile Interoperability Test Report for IOPT

**Product/Design Name:** BLUETOOTH® HEADSET

**Product/Design ID:** S570, Sxy0(x=5~6,y=0~9), Kx,(x=1~30), S530PLUS, S8xy,(x=0~3,y=0~9), Xy,(y=6~30), S520-TWS, S530PLUS-TWS, S560-TWS, S570-TWS, S590-TWS, Xz-TWS,(z=5~20), EW-BE002, EW-BE010, EW-BE011, EW-BE013, EW-ZR030

**Trademark:**

**Applicant:** Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

**Manufacturer:** Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

**Test Specification:** Interoperability Test Specification (IOPT): IOPT/TS.4.0.0

Test Report Prepared by.....



**Name** Aaron Wu

Test Report Reviewed by.....



**Name** Owen Zhou

## Bluetooth® Profile Interoperability Test Report

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# 1 General Information

## 1.1 General

### 1.1.1 Administrative data of Test Facility

<b>Test Facility</b>	Shenzhen Centre Quality Accreditation Technology Co., Ltd.
<b>Test Facility Address</b>	1 F., Block B of Complex Building, Baisha Logistics Park, No. 3011 Shahe West Road, Nanshan District, Shenzhen, China
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<b>Contact Person</b>	Mr. Owen Zhou



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### 1.1.2 Administrative data of Applicant

**Applicant:** Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

**Applicant Address:** F-4, Bldg.A, LiJiaFa Ind. Garden, XinTang Ind. Area, BaiShiXia E., FuYong Sub-dist., Bao'an Dist., Shenzhen, Guangdong, China

**Responsible Person:** Ruizhi Yang

**Phone Number :** +86 18033442650

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**Email :** john.yang@keyueduo.com

### 1.1.3 Administrative data of EUT Manufacturer

**EUT Manufacturer:** Shenzhen KeYueDuo Intelligent Electronics Co., Ltd.

**Manufacturer Address:** F-4, Bldg.A, LiJiaFa Ind. Garden, XinTang Ind. Area, BaiShiXia E., FuYong Sub-dist., Bao'an Dist., Shenzhen, Guangdong, China

**Responsible Person:** Ruizhi Yang

**Phone Number :** +86 18033442650

**Fax :**

**Email :** john.yang@keyueduo.com

## 1.2 Description of EUT

**Product name:** BLUETOOTH® HEADSET

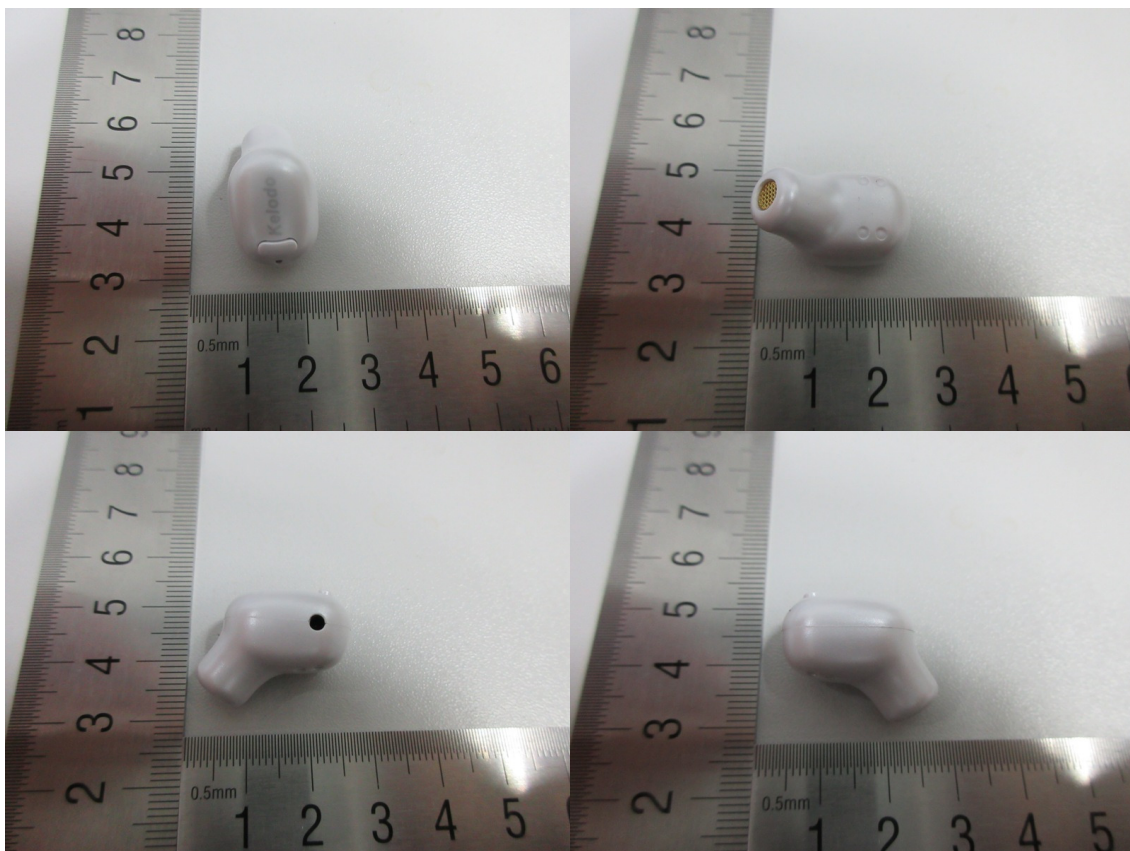
**Product description:** BLUETOOTH® HEADSET

**Product ID/Model:** S570, Sxy0( $x=5\sim6, y=0\sim9$ ), Kx, ( $x=1\sim30$ ), S530PLUS, S8xy, ( $x=0\sim3, y=0\sim9$ ), Xy, ( $y=6\sim30$ ), S520-TWS, S530PLUS-TWS, S560-TWS, S570-TWS, S590-TWS, Xz-TWS, ( $z=5\sim20$ ), EW-BE002, EW-BE010, EW-BE011, EW-BE013, EW-ZR030

**Hardware Version:** V1.1

**Software Version:** V1.1

**Photos of Product:**

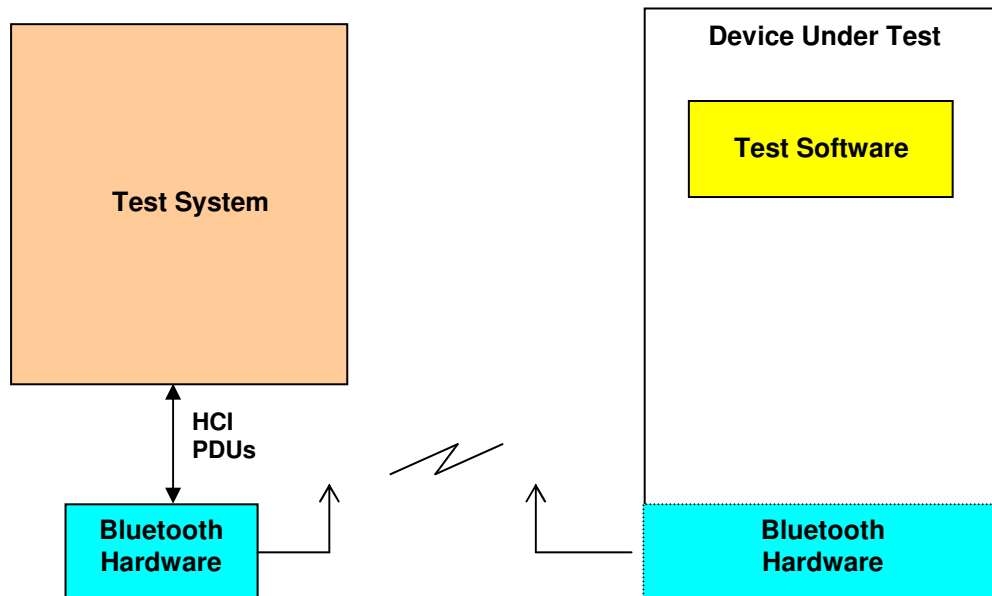


## 2 Summary List of All Test Cases

Interoperability Test Specification				
No	TC identifier	Description	Verdict	Comments
1	TP/COD/BV-01-I	Class-of-Device	Pass	Refer to PTS
2	TP/COD/BV-02-I	Class-of-Device	N/A	
3	TP/SDSS/BV-02-I	Service Discovery - Service Search	Pass	Refer to PTS
4	TP/SDAS/BV-03-I	Service Search - Attribute Search	Pass	Refer to PTS
5	TP/SDR/BV-04-I	Service Search - Response	Pass	Refer to PTS

## 3 Profile Testing

### 3.1 Description of Test Set-up



The Test System PTS for Bluetooth is running on a PC System.

The test system communicates with the Bluetooth Hardware via an HCI connection.

The tests are performed as remote tests and all communication between the Test System and the DUT is done via the radio interface.

### 3.2 List of Performed Test Cases

TC-Identifier	Final Verdict	Date of Test
TP/COD/BV-01-I	Pass	2017-05-09
TP/SDSS/BV-02-I	Pass	2017-05-09
TP/SDAS/BV-03-I	Pass	2017-05-09
TP/SDR/BV-04-I	Pass	2017-05-09



### 3.3 Referenced Documents

Document Name	Version	Issue Date
Product Profile Interoperability Testing Test Suite Structure (TSS) and Test Purpose (TP)	IOPT/TS.4.0.1	13 Dec 2016
Test Case Reference List	2016-2	13 Dec 2016

### 3.4 Additional Information

The test results presented in this test report apply only to the particular implementation under test (IUT) Declared in clause 1.2 of this report, for the functionality described in the relevant Protocol Implementation Statement (PICS), as presented for test on the date(s) declared in the relevant Protocol Implementation Extra Information for testing (PIXIT).

This test report does not constitute or imply, by its own, to be an approval of the product by Qualification Bodies, Certification Bodies or competent Authorities.

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**Abbreviations in this report:**

OK, Pass, P	=	passed
F	=	failed
N/A	=	not applicable
NT	=	not tested
EUT	=	equipment under test

#### Explanation of model designation:

The applicant declared that models S570, Sxy0(x=5~6,y=0~9), Kx,(x=1~30), S530PLUS , S8xy,(x=0~3,y=0~9), Xy,(y=6~30), S520-TWS, S530PLUS-TWS, S560-TWS, S570-TWS, S590-TWS, Xz-TWS,(z=5~20), EW-BE002, EW-BE010, EW-BE011, EW-BE013 and EW-ZR030 are identical in both design and implementation and differ only by non-functional characteristics. Tested model is S570.

### 3.5 Test Sample Information

The following sample was used for testing.

Sample No	Serial No/BT address	Date Of Reception
SZCR170508-01	0011671165DC	2017-05-08

Claimed Profile (Role) of IUT: A2DP (Sink), GAVDP (Acceptor), AVRCP (Target and controller), HFP (HF), HSP (HS)

### 3.6 List of Test Equipments

Profile Tuning Suite: PTS v. 7.0.0  
IOPT-ETS v. 10.0.0.70  
EZURIO 4.0 PTS Dongle

## Annex 1 Profile Implementation Conformance Statement

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<a href="#">Interoperability</a>

### Interoperability

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Table 1: Interoperability Test Specification

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	Interoperability	IOP	M	<input checked="" type="radio"/> <input type="radio"/>

Table 2: Design Configuration

Item	Capability	System Spec Reference	Status	Support [Yes] or [No]
1	BR/EDR ?	GAP 0/1	C.1	<input checked="" type="radio"/> <input type="radio"/>
2	LE ?	GAP 0/2	C.1	<input type="radio"/> <input checked="" type="radio"/>
3	BR/EDR/LE ?	GAP 0/3	C.1	<input type="radio"/> <input checked="" type="radio"/>

C.1: Mandatory to support one and only one transport.

## Annex 2 Test plan generated by TPG

Test Cases for IOP			
TP/COD/BV-01-I	Class-of-Device	IOPT.TS.4.0.1	B
TP/SDAS/BV-03-I	Service Search - Attribute Search	IOPT.TS.4.0.1	B
TP/SDR/BV-04-I	Service Search - Response	IOPT.TS.4.0.1	C
TP/SDSS/BV-02-I	Service Discovery - Service Search	IOPT.TS.4.0.1	B