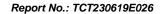


	<b>TEST REPOR</b>	T					
FCC ID:	TJ7-H40						
Test Report No::	TCT230619E026	(c <sup>1</sup> )	(0)				
Date of issue::	Jun. 28, 2023						
Testing laboratory:	SHENZHEN TONGCE TESTING	G LAB					
Testing location/ address:		101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China					
Applicant's name::	Shenzhen SHI KISB Electronic (	Co., Ltd.					
Address:	3-5F, A Building, Shanghe Indus Bao'an District, Shenzhen 51812		Road,				
Manufacturer's name:	Shenzhen SHI KISB Electronic (	Shenzhen SHI KISB Electronic Co., Ltd.					
Address::	3-5F, A Building, Shanghe Industrial Zone, Nanchang Road, Bao'an District, Shenzhen 518126 China						
Standard(s):	KDB 447498 D01 General RF E	xposure Guidance v06					
Product Name::	TRUE WIRELESS EARBUDS						
Trade Mark:	N/A	Ch					
Model/Type reference:	H40						
Rating(s)::	Rechargeable Li-ion Battery DC	3.7V					
Date of receipt of test item:	Jun. 19, 2023	(C)	(C)				
Date (s) of performance of test:	Jun. 19, 2023 - Jun. 28, 2023						
Tested by (+signature) :	Yannie ZHONG	Yannie Zhignace	r.				
Check by (+signature):	Beryl ZHAO	Bod 24 TCT	SUITE				
Approved by (+signature):	Tomsin	Tomsm 450					

### General disclaimer:

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# 1. General Product Information

# 1.1. EUT description

Product Name:	TRUE WIRELESS EARBUDS	(C)		(3)
Model/Type reference:	H40			
Sample Number:	TCT230619E025-0101			
Operation Frequency:	2402MHz~2480MHz		(6)	
Modulation Type:	GFSK, π/4-DQPSK			
Antenna Type	Chip Antenna	((C))		(C)
Antenna Gain:	1.24dBi			
Rating(s):	Rechargeable Li-ion Battery DC	3.7V		

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

<b>odel(s) li</b> ne.	st			



## 2. General Information

### 2.1. Test environment and mode

Item	Normal condition						
Temperature	+25°C						
Voltage	DC 3.7V						
Humidity	56%						
Atmospheric Pressure:	1008 mbar						
Test Mode:							
Transmitting mode:	Keep the EUT in continuous transmitting by select channel						

# 2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Equipment Model No.		FCC ID	Trade Name	
/			1	1	

#### Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



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## 3. Facilities and Accreditations

#### 3.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

**Designation Number: CN1205** 

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

### 3.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339





## 4. Test Results and Measurement Data

According to KDB 447498 D01 General RF Exposure Guidance v06, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the commission's guidance.

The 1-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)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.
- The result is rounded to one decimal place for comparison

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 78	2.480	2.43	1.5±1	2.5	1.78	5	0.55	3.0

#### Result:

Base on the calculation value, No SAR measurement is required.



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