

# TEST REPORT

**Product Name** : YOWU Cat Ear Headphone 4  
**Brand Mark** : YOWU  
**Model No.** : SELKIRK-4  
**Extension Model** : Model-Z  
**FCC ID** : 2AZNX-SELKIRK4  
**Report Number** : BLA-EMC-202206-A3504  
**Date of Sample Receipt** : 2022/6/9  
**Date of Test** : 2022/6/9 to 2022/6/25  
**Date of Issue** : 2022/6/25  
**Test Standard** : 47 CFR Part 1.1307, Part 2.1093, KDB  
447498  
**Test Result** : Pass

Prepared for:

**YOWU ELECTRONIC LTD.**

**3/F, Building 1, No. 400 Fangchun Road Line two: China (Shanghai) Pilot  
Free Trade Zone Shanghai**

Prepared by:

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Date: 2022/6/25



## REPORT REVISE RECORD

Version No.	Date	Description
00	2022/6/25	Original

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## TABLE OF CONTENTS

<b>1</b>	<b>TEST SUMMARY .....</b>	<b>4</b>
<b>2</b>	<b>GENERAL INFORMATION .....</b>	<b>5</b>
<b>3</b>	<b>GENERAL DESCRIPTION OF E.U.T. ....</b>	<b>5</b>
<b>4</b>	<b>LABORATORY LOCATION .....</b>	<b>6</b>
<b>5</b>	<b>RF EXPOSURE COMPLIANCE REQUIREMENT .....</b>	<b>7</b>
5.1	STANDARD REQUIREMENT .....	7
5.2	LIMITS .....	7
5.3	EUT RF EXPOSURE .....	7

## 1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	PASS

## 2 GENERAL INFORMATION

<b>Applicant</b>	YOWU ELECTRONIC LTD.
<b>Address</b>	3/F, Building 1, No. 400 Fangchun Road Line two: China (Shanghai) Pilot Free Trade Zone Shanghai
<b>Manufacturer</b>	Shanghai Yowu Culture Communication Co., Ltd.
<b>Address</b>	Room 16F, Building A, 1055 West Zhongshan Road, Changning District, Shanghai, China
<b>Factory</b>	Dongguan Laccess Electronic Technology LTD.
<b>Address</b>	Tianxin Huaxing Industrial Park, Qiaotou Town, DongGuan City, GuangDong Province, China
<b>Product Name</b>	YOWU Cat Ear Headphone 4
<b>Test Model No.</b>	SELKIRK-4
<b>Extension Model</b>	Model-Z
<b>Remark</b>	All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are model name for commercial purpose.

## 3 GENERAL DESCRIPTION OF E.U.T.

### BR/EDR

<b>Hardware Version</b>	V06A
<b>Software Version</b>	V21
<b>Operation Frequency:</b>	2402MHz-2480MHz
<b>Modulation Type:</b>	GFSK, pi/4DQPSK, 8DPSK
<b>Channel Spacing:</b>	1MHz
<b>Number of Channels:</b>	79
<b>Antenna Type:</b>	PCB Antenna
<b>Antenna Gain:</b>	0dBi(Provided by the customer)

### BLE

<b>Hardware Version</b>	V06A
<b>Software Version</b>	V21
<b>Operation Frequency:</b>	2402MHz-2480MHz
<b>Modulation Type:</b>	GFSK
<b>Channel Spacing:</b>	2MHz
<b>Number of Channels:</b>	40
<b>Antenna Type:</b>	PCB Antenna
<b>Antenna Gain:</b>	0dBi(Provided by the customer)

#### 4 LABORATORY LOCATION

All tests were performed at:  
BlueAsia of Technical Services(Shenzhen) Co., Ltd.  
Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province,  
China  
Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673  
No tests were sub-contracted.

## 5 RF EXPOSURE COMPLIANCE REQUIREMENT

### 5.1 STANDARD REQUIREMENT

According to KDB447498D01 General RF Exposure Guidance v06

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.

### 5.2 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:

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

$f(\text{GHz})$  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

### 5.3 EUT RF EXPOSURE

Operational Mode: EDR (8DPSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated value	Exclusion threshold
			(dBm)	(mW)		
2402 MHZ	3.748	±1	4.748	2.984	0.92	3.0
2441 MHz	3.557	±1	4.557	2.856	0.89	
2480 MHz	3.891	±1	4.891	3.084	0.97	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

**----END OF REPORT----**

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