

## MAXIMUM PERMISSIBLE EXPOSURE EVALUATION REPORT

**Applicant:** Shenzhen Compoka Electronic Technology Co., Ltd

**Address:** 4/5 F, Building B, Yi Shida Industrial Park, Xintang Village,  
Guanlan Town, Shenzhen China

**Product Name:** Wireless Headphones

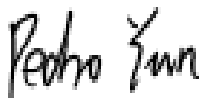
**FCC ID:** 2AA7X-TERRY

**Standard(s):** 47 CFR §1.1310, 47 CFR §2.1093, 47 CFR §15.247(i)

**Report Number:** 2402A107821E-RF-00C

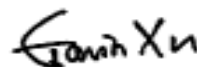
**Report Date:** 2024/12/20

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).



**Reviewed By:** Pedro Yun

**Title:** Project Engineer



**Approved By:** Gavin Xu

**Title:** RF Supervisor

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## GENERAL INFORMATION

### General Description Of Equipment under Test

<b>EUT Name:</b>	Wireless Headphones
<b>EUT Model:</b>	Terry
<b>Rated Input Voltage:</b>	DC 3.7V from battery
<b>EUT Received Date:</b>	2024/12/2
<b>EUT Received Status:</b>	Good

## RF EXPOSURE EVALUATION (MPE)

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### SAR EVALUATION

#### Applicable Standard

According to §15.247(i) and §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB447498 D01 General RF Exposure Guidance v06:

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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  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
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

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 according to 5) in section 4.1 is applied to determine SAR test exclusion.

#### Measurement Result

The max conducted power including tune-up tolerance is 1.5 dBm (1.41 mW).

$[(\text{max. power of channel, mW})/(\text{min. test separation distance, mm})][\sqrt{f(\text{GHz})}]$   
 $= (1.41/5) \cdot (\sqrt{2.480}) = 0.4 < 3.0$

Note: the max conducted power including tune-up tolerance was declared by manufacturer.

**Result: Compliant. The stand-alone SAR evaluation is not necessary.**

## **EXHIBIT A - EUT PHOTOGRAPHS**

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Please refer to the attachment 2402A107821E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2402A107821E-RF-INP EUT INTERNAL PHOTOGRAPHS.

**\*\*\*\*\* END OF REPORT \*\*\*\*\***