

# RF Exposure

**Applicant** : Shenzhen SonoCycle Technology Co., Ltd.  
Room 803, Building 6, Digital Intelligent Manufacturing  
**Address** : Center, No. 238 Longsheng Road, Longsheng  
Community, Dalang Street, Longhua District, Shenzhen,  
China  
**Product Name** : Wireless Headphones  
**Brand Mark** : SOUNDPEATS  
**Model** : CC3 Pro  
**Series model** : CC5 Pro、GoClip、SportClip、SleepDot S10、SleepFit  
S10、UU3、GoClip C10、GoClip A10  
**FCC ID** : 2BVLM-YX004  
**Report Number** : BLA-EMC-202607-A18404  
**Date of Receipt** : Jul. 22, 2026  
**Date of Test** : Jul. 22, 2026 to Aug. 26, 2026  
47 CFR Part 15, Part1.1307  
**Test Standard** : 47 CFR Part 15, Part2.1093  
KDB447498D04 General RF Exposure Guidance v01  
**Test Result** : Pass

Compiled by:

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Review by:

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Approved by:

Blue Zheng

Issued Date: Sep. 11, 2026



## BlueAsia Technical Services (Shenzhen) Co., Ltd

Address: No.41, South of Beihuan Road, Shangwu Community, Shiyan  
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## Revise Record

| Version No. | Date          | Description |
|-------------|---------------|-------------|
| 01          | Sep. 11, 2026 | Original    |
|             |               |             |
|             |               |             |
|             |               |             |

## 1 General information

### 1.1 General information

|              |                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant    | Shenzhen SonoCycle Technology Co., Ltd.                                                                                                                       |
| Address      | Room 803, Building 6, Digital Intelligent Manufacturing Center, No. 238 Longsheng Road, Longsheng Community, Dalang Street, Longhua District, Shenzhen, China |
| Manufacturer | Shenzhen SonoCycle Technology Co., Ltd.                                                                                                                       |
| Address      | Room 803, Building 6, Digital Intelligent Manufacturing Center, No. 238 Longsheng Road, Longsheng Community, Dalang Street, Longhua District, Shenzhen, China |
| Factory      | Dongguan Hele Electronics Co.,Ltd                                                                                                                             |
| Address      | Room101,Block1,No.38,Daojiao Daohou Road,Daojiao Town,Dongguan City,Guangdong Province,China                                                                  |

### 1.2 General description of EUT

|                                     |                                                                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                        | Wireless Headphones                                                                                                                                                       |
| Model no.                           | CC3 Pro                                                                                                                                                                   |
| Series model                        | CC5 Pro、GoClip、SportClip、SleepDot S10、SleepFit S10、UU3、GoClip C10、GoClip A10                                                                                              |
| Differences of Series model         | The above models have the same Circuit diagram,PCB layout and all electrical construction, assets and security mechanisms. The difference lies only model name and color. |
| Power supply or adapter information | DC3.85V by battery<br>5V/1A by Type - C                                                                                                                                   |
| Hardware Version                    | V00                                                                                                                                                                       |
| Software Version                    | V1.2.0                                                                                                                                                                    |

## BLE:

|                      |                                            |
|----------------------|--------------------------------------------|
| Operation Frequency: | 2402MHz-2480MHz                            |
| Modulation Type:     | GFSK                                       |
| Rate data:           | 1Mbps; 2Mbps                               |
| Channel Spacing:     | 2MHz                                       |
| Number of Channels:  | 40                                         |
| Antenna Type:        | Chip antenna                               |
| Antenna Gain:        | L:-4.2dBi R:-4.38dBi(Provided by customer) |

## BT::

|                      |                                            |
|----------------------|--------------------------------------------|
| Operation Frequency: | 2402MHz-2480MHz                            |
| Modulation Type:     | GFSK, $\pi/4$ DQPSK, 8DPSK                 |
| Channel Spacing:     | 1MHz                                       |
| Number of Channels:  | 79                                         |
| Antenna Type:        | Chip antenna                               |
| Antenna Gain:        | L:-4.2dBi R:-4.38dBi(Provided by customer) |

## 2 Laboratory and accreditations

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

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Company name:            | BlueAsia Technical Services (Shenzhen) Co.,Ltd.                                                                  |
| Address:                 | No.41, South of Beihuan Road, Shangwu Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China |
| CNAS accredited No.:     | L9788                                                                                                            |
| A2LA Cert. No.:          | 5071.01                                                                                                          |
| FCC Designation No.:     | CN1252                                                                                                           |
| ISED CAB identifier No.: | CN0028                                                                                                           |
| Telephone:               | +86-755-28682673                                                                                                 |
| FAX:                     | +86-755-28682673                                                                                                 |

### 3 RF Exposure Compliance Requirement

#### 3.1 Standard Requirement

According to 447498 D04 Interim General RF Exposure Guidance v01

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.

#### 3.2 Limits

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B. 2})$$

where

$$x = -\log_{10} \left( \frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and  $f$  is in GHz,  $d$  is the separation distance (cm), and  $ERP_{20 \text{ cm}}$  is per Formula (B.1).

Example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

| Frequency (MHz) | Distance (mm) |    |    |    |     |     |     |     |     |     |     |
|-----------------|---------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|
|                 | 5             | 10 | 15 | 20 | 25  | 30  | 35  | 40  | 45  | 50  |     |
|                 | 300           | 39 | 65 | 88 | 110 | 129 | 148 | 166 | 184 | 201 | 217 |
|                 | 450           | 22 | 44 | 67 | 89  | 112 | 135 | 158 | 180 | 203 | 226 |
|                 | 835           | 9  | 25 | 44 | 66  | 90  | 116 | 145 | 175 | 207 | 240 |
|                 | 1900          | 3  | 12 | 26 | 44  | 66  | 92  | 122 | 157 | 195 | 236 |
|                 | 2450          | 3  | 10 | 22 | 38  | 59  | 83  | 111 | 143 | 179 | 219 |
|                 | 3600          | 2  | 8  | 18 | 32  | 49  | 71  | 96  | 125 | 158 | 195 |
|                 | 5800          | 1  | 6  | 14 | 25  | 40  | 58  | 80  | 106 | 136 | 169 |

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B. 1})$$

### 3.3 Result

Left:

$$\text{EIRP} = \text{pt} \times \text{gt} = (\text{E} \times \text{d})^2 / 30$$

Where:

pt = transmitter output power in watts,

gt = numeric gain of the transmitting antenna (unitless),

E = electric field strength in V/m,

d = measurement distance in meters (m)

$$\text{Spot} = (\text{E} \times \text{d})^2 / 30 \times \text{gt}$$

Separation distance = 0.5cm

Ant gain = -4.2dBi

For BLE(Worst):

Max Output power = 0.512dBm @ 2442MHz BLE 2M

EIRP = 0.512dBm -4.2dBi = -3.688dBm

ERP = -3.688-2.15 = -5.838dBm = 0.261mW < 2.788mW

Comply with RF exposure exemption limit.

For BT(Worst):

Max Output power = 0.448dBm @ 2402MHz 8DPSK

EIRP = 0.448dBm -4.2dBi = -3.752dBm

ERP = -3.752-2.15 = -5.902dBm = 0.257mW < 2.788mW

Comply with RF exposure exemption limit.

Right:

$$\text{EIRP} = \text{pt} \times \text{gt} = (\text{E} \times \text{d})^2 / 30$$

Where:

pt = transmitter output power in watts,

gt = numeric gain of the transmitting antenna (unitless),

E = electric field strength in V/m,

d = measurement distance in meters (m)

$$\text{Spot} = (\text{E} \times \text{d})^2 / 30 \times \text{gt}$$

Separation distance = 0.5cm

Ant gain = -4.38dBi

For BLE(Worst):

Max Output power = 0.999dBm @ 2442MHz BLE 2M

EIRP = 0.999dBm -4.38dBi = -3.381dBm

ERP = -3.381-2.15 = -5.531dBm = 0.280mW < 2.788mW

Comply with RF exposure exemption limit.

For BT(Worst):

Max Output power = 0.836dBm @ 2402MHz  $\pi/4$  DQPSK

EIRP = 0.836dBm -4.38dBi = -3.544dBm

ERP = -3.544-2.15 = -5.694dBm = 0.270mW < 2.788mW

Comply with RF exposure exemption limit.

----END OF REPORT----

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