

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:** Passed

Test standard : FCC KDB Publication 447498 D01 v06  
47CFR 1.1310  
47CFR 2.1091

**FCC:**

Left Ear:

Therefore the maximum output power of the transmitter is 2.54mW < 10mW(Distance: 5mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Right Ear:

Therefore the maximum output power of the transmitter is 2.03mW < 10mW(Distance: 5mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

**Canada:**

Left Ear:

Maximum conducted peak power: 2.54 mW  
Antenna Gain: 1.2 dbi  
Maximum EIRP available 3.35 mW

Since maximum output power of the transmitter is 3.35mW <4mW (distance  $\leq$ 5 mm ), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102, For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in Table 1 of RSS-102 are multiplied by a factor of 2.5.

Right Ear:

Maximum conducted peak power: 2.03 mW  
Antenna Gain: 1.2 dbi  
Maximum EIRP available 2.68 mW

Since maximum output power of the transmitter is 2.68mW <4mW (distance  $\leq$ 5 mm ), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102, For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in Table 1 of RSS-102 are multiplied by a factor of 2.5.

**---End---**