

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 ≤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 ≤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.

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