

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
RSS-102 issue 5

FCC:**LE 1M:**

Therefore the maximum output power of the transmitter is $2.67\text{mW} < 10\text{mW}$ (Distance: 5 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

LE 2M:

Therefore the maximum output power of the transmitter is $2.72\text{mW} < 10\text{mW}$ (Distance: 5 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Canada:**LE 1M:**

Maximum conducted peak power: 2.67 mW
Antenna Gain: -1.36 dbi
Maximum EIRP available 1.95 mW

Since maximum output power of the transmitter is $1.95\text{mW} < 4\text{mW}$ (distance $\leq 5\text{ mm}$), 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.

LE 2M:

Maximum conducted peak power: 2.72 mW
Antenna Gain: -1.36 dbi
Maximum EIRP available 1.99 mW

Since maximum output power of the transmitter is $1.99\text{mW} < 4\text{mW}$ (distance $\leq 5\text{ mm}$), 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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