

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, Table 4

FCC:

Therefore the maximum output power of the transmitter is $8.77\text{mW} < 396\text{mW}$ (Distance: 80 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Canada:

Maximum conducted peak power: 8.77 mW
Antenna Gain: 5 dbi
Maximum EIRP available 27.7 mW

Since maximum output power of the transmitter is $27.7\text{mW} < 309\text{mW}$ (distance $\geq 50\text{ mm}$), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102

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