

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
RSS-102 issue 5, Table 1

FCC:

Since maximum peak output power of the transmitter is $0.002\text{mW} < 10\text{mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum output power: 0.002mW

Antenna Gain: $x -9.64\text{ dBi}$ $\rightarrow$ $x 0.109$

Maximum Power available: 0.111mW

Since maximum output power, either EIRP or conducted, of the transmitter $< 4\text{mW}$, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102