

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Passed**

Test standard : FCC KDB Publication 447498 D01
RSS-102 issue 5, Table 1

FCC:

Since maximum average output power of the transmitter is $2.8 \text{ mW} < 10 \text{ mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum conducted average power: 2.8 mW

Antenna Gain: 0.5 dbi -> x 1.122

Maximum EIRP available 3.1416 mW

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Maximum Power available: 3.1416 mW
(higher of EIRP or conducted)

Since maximum output power of the transmitter is $3.1416 \text{ mW} < 4 \text{ mW}$ at 5mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102