

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

FCC:

Since maximum peak output power of the transmitter is $2.24 \text{ mW} < 10 \text{ mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v05: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 2.24 mW

Maximum conducted Average power: 2.17 mW

Antenna Gain: -2.5 dbi -> x 0.56

Maximum EIRP available 1.215 mW

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Maximum Power available: 1.215 mW
(higher of EIRP or conducted)

Since maximum output power of the transmitter is $1.215 \text{ mW} < 4 \text{ mW}$, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102