

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 $1.1117\text{mW} < 10\text{mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 1.1117 mW

Maximum conducted Average power: 1.1117 mW

Antenna Gain: -7.3 dbi -> 0.19

Maximum EIRP available 0.211 mW

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Maximum Power available: 0.211 mW
(higher of EIRP or conducted)

Since maximum output power of the transmitter is $0.211\text{mW} < 4\text{mW}$, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102