

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 $5.6 \text{ mW} < 10 \text{ mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v05: Mobile Portable RF Exposure

Canada:

Maximum conducted Average power: 3.4 mW

Antenna Gain: -1.85 dBi -> x 0.653

Maximum EIRP available: 2.2202 mW

Since maximum output power, either EIRP or conducted, of the transmitter is $3.4 \text{ mW} < 4 \text{ mW}$, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102