

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 peak output power of the transmitter is $5.6015 \text{ mW} < 10\text{mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 5.6105 mW

Antenna Gain: 2.53 db -> x 1.79

Maximum EIRP available 4.52 mW

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Maximum Power available: 10.04 mW
(higher of EIRP or conducted)

Since maximum output power of the transmitter is $10.04 \text{ mW} < 30\text{mW}$ at 20mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102