

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:

Therefore the maximum output power of the transmitter is $272.27\text{mW} < 396\text{mW}$ (Distance: 80 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Canada:

Separation distance is more than 20 cm, thus mobile device exposure limits can be applied.

Maximum Exposure:

Power to Antenna (mW)	272.27 mW
Power to Antenna (dBm)	24.3 dBm
Antenna Gain	5 dBi
Power+Ant Gain	861.0 mW
Distance	20 cm
S=	0.171 mW/cm^2

Limit Canada: 0.542 mW/cm^2

---End---