

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 31.48mW < 38mW(Distance: 20 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)	31.48 mW
Power to Antenna (dBm)	15.0 dBm
Antenna Gain	1.28 dBi
Power+Ant Gain	42.3 mW
Distance	20 cm
S=	0.008 mW/cm ²

Limit Canada: 0.542 mW/cm²

---End---