

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
47CFR 1.1310
47CFR 2.1091
RSS-102 issue 5

FCC:

Therefore the maximum output power of the transmitter is 269.15mW < 309mW(Distance: 70mm), 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)	269.15 mW
Power to Antenna (dBm)	24.3 dBm
Antenna Gain	2.16 dBi
Power+Ant Gain	442.6 mW
Distance	20 cm
S=	0.088 mW/cm ²

Limit Canada: 0.542 mW/cm²

---End---