

6. Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Passed**

Test standard : FCC CFR 47 Part 2 Subpart J Section 2.1091
RSS-102 Issue 5, 2.5.2

FCC:

Therefore the maximum output power of the transmitter is $330.37\text{mW} < 396\text{mW}$ (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 for WFI32E01PC/ WFI32E01PE Module:

Power to Antenna (mW)	330.37 mW
Power to Antenna (dBm)	25.2 dBm
Antenna Gain	2.51 dBi
Power+Ant Gain	588.8 mW
Distance	20 cm
S=	0.117 mW/cm^2

Limit Canada: 0.542 mW/cm^2

Maximum Exposure for WFI32E01UC, WFI32E01UE Module:

Power to Antenna (mW)	330.37 mW
Power to Antenna (dBm)	25.2 dBm
Antenna Gain	2 dBi
Power+Ant Gain	523.6 mW
Distance	20 cm
S=	0.104 mW/cm^2

Limit Canada: 0.542 mW/cm^2

---End---