

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:
Passed

Test standard : 47CFR 1.1310
 47CFR 2.1091

The EUT will maintain a 20 cm distance to all persons.

Maximum Exposure FCC:

Power to Antenna (mW)	45.81 mW
Power to Antenna (dBm)	16.6 dBm
Antenna Gain	3.55 dBi
Power+Ant Gain	103.7 mW
Distance	20 cm
S=	0.021 mW/cm ²

Limit FCC: 0.61 mW/cm²

FCC:

0.3-1.34 MHz (100) mW/cm²
 1.34-30 MHz (180/f²) mW/cm²
 30-300 MHz 0.2 mW/cm²
 300-1500 MHz f/1500 mW/cm²
 1500-100,000 MHz 1.0 mW/cm²