

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

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

Maximum Exposure:

Power to Antenna (mW)	2.76 mW
Power to Antenna (dBm)	4.4 dBm
Antenna Gain	7 dBi
Power+Ant Gain	13.8 mW
Distance	20 cm
S=	0.003 mW/cm ²

Limit FCC: 1.0 mW/cm²FCC:

0.3-1.34 MHz	(100) mW/cm ²
1.34-30 MHz	(180/f ²) mW/cm ²
30-300 MHz	0.2 mW/cm ²
300-1500 MHz f/1500	mW/cm ²
1500-100,000 MHz	1.0 mW/cm ²