

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
FCC 47 CFR Part 2: Subpart J Section 2.1091

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

Maximum Exposure:

Power to Antenna (mW)	108.3927 mW
Power to Antenna (dBm)	20.4 dBm
Antenna Gain	2.01 dBi
Power+Ant Gain	172.2 mW
Distance	20 cm
S=	0.034 mW/cm ²

Limit FCC:

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/cm²

---End---