

6. Safety Human Exposure

6.1 RF Exposure Compliance

6.1.1 Power Density

Results

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

Maximum Exposure:

Power to Antenna (mW)	66.99 mW
Power to Antenna (dBm)	18.3 dBm
Antenna Gain	3.3 dBi
Power+Ant Gain	143.2 mW
Distance	20 cm
S=	0.028 mW/cm ²

Limit: 1 mW/cm²

Limit

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