

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:**
**Passed**

Test standard : 47CFR 2.1091  
 FCC KDB Publication 447498 D01

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

**Maximum Exposure:**

Power to Antenna (mW)	2.1928 mW
Power to Antenna (dBm)	3.4 dBm
Antenna Gain	0 dBi
Power+Ant Gain	2.2 mW
Distance	20 cm
S=	0.000 mW/cm <sup>2</sup>

Limit FCC: 1 mW/cm<sup>2</sup>

**FCC:**

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