

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**Test standard : 47CFR1.1310  
47CFR 2.1091

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

**Maximum Exposure:**

|                        |                          |
|------------------------|--------------------------|
| Power to Antenna (mW)  | 74.47 mW                 |
| Power to Antenna (dBm) | 18.7 dBm                 |
| Antenna Gain           | 1.16 dBi                 |
| Power+Ant Gain         | 97.3 mW                  |
| Distance               | 20 cm                    |
| S=                     | 0.019 mW/cm <sup>2</sup> |

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

|                  |                                          |
|------------------|------------------------------------------|
| 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>                   |

---End---