

## 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

The EUT will maintain a 20 cm distance to all persons.

**Maximum Exposure FCC:**

Power to Antenna (mW)	45.92 mW
Power to Antenna (dBm)	16.6 dBm
Antenna Gain	3.55 dBi
Power+Ant Gain	104.0 mW
Distance	20 cm
S=	0.021 mW/cm <sup>2</sup>

Limit FCC: 0.61 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>