

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**

Test standard : FCC CFR 47 Part 2 Subpart J Section 2.1091

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

**Note: 5G Wi-Fi cannot be transmitting at same time with 2.4G Wi-Fi.****Maximum Exposure:**

Power to Antenna (mW)	23.12 mW
Power to Antenna (dBm)	13.6 dBm
Antenna Gain	5.63 dBi
Power+Ant Gain	84.5 mW
Distance	20 cm
S=	0.017 mW/cm <sup>2</sup>

**Limit FCC:****1500-100,000 MHz 1.0 mW/cm<sup>2</sup>****---End---**