

## 6 Safety Human Exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Pass****Test Specification**

Test standard : CFR47 FCC Part 2: Section 2.1093  
CFR47 FCC Part 1: Section 1.1310  
FCC KDB Publication 447498 D01 v06

**➤ FCC requirements**

**FCC requirement:** Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20cm normally can be maintained between the user and the device.

**Measurement Record for CFR47 FCC Part 2.1093**

The minimum distance for the EUT is less than 5mm.

The maximum specified e.i.r.p.: 71.005dBu/m @3m = -24.2dBm=0.0038mW

Antenna Gain: 0dBi max

According to KDB 447498 D01 v06 4.3.1 a)

Exempted Power: 9.5mW, hence the EUT is compliance with the RF exposure.

The minimum distance for the EUT is less than 5mm.

The maximum specified e.i.r.p.: 71.005dBu/m @3m = -24.2dBm=0.0038mW