

## 6 Safety Human Exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

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

Test standard : CFR47 FCC Part 2.1093  
RSS-102 Issue 5 March 2015  
FCC KDB Publication 447498 v06

Limit : CFR47 FCC Part 1.1310

The separation distance of the EUT should be 5mm. The measured maximum conducted power of the EUT is  $-0.39\text{dBm} \approx 0.91\text{ mW}$ , which is far below the SAR exclusion threshold level  $9.6\text{mW}$  (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and  $\leq 50\text{ mm}$ ), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure. Guidance v06.

The separation distance of the EUT should be 5mm. The measured maximum specified e.i.r.p of the EUT is  $1.61\text{dBm} \approx 1.45\text{mW}$ , which is far below the SAR exclusion threshold level  $4\text{mW}$ , hence the EUT is excluded from SAR evaluation according to RSS-102 Issue 5 section 2.5.1.