

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 9.6mW (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 4mW , hence the EUT is excluded from SAR evaluation according to RSS-102 Issue 5 section 2.5.1.