

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

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

Test standard : CFR47 FCC Part 2.1091
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 50mm. The measured maximum conducted power of the EUT is 5dBm \approx 3.16 mW, which is far below the SAR exclusion threshold level 96mW (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and \leq 50 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 50mm. The measured maximum specified e.i.r.p of the EUT is 7dBm \approx 5.01mW, which is far below the SAR exclusion threshold level 309mW, hence the EUT is excluded from SAR evaluation according to RSS-102 Issue 5 section 2.5.1.