

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 4.73dBm \approx 2.97 mW , which is far below the SAR exclusion threshold level 10mW (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 5mm. The measured maximum output power of the EUT is 4.73dBm \approx 2.97 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.