

## 6 Safety Human Exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

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

Test standard : FCC KDB Publication 447498 v05r02  
RSS-102 Issue 5 March 2015

**Measurement Record:**

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

FCC:

Since maximum average output power of the transmitter is 1.91mW <10 mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v05r02.

Canada:

Maximum conducted average power: 1.91 mW

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Antenna Gain: 2.3 dbi -> x 1.7

Maximum EIRP available 3.247 mW

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Maximum Power available: 3.247 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 3.247 mW < 4mW at 5mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102