

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

##### RESULT:

**Passed**

Test standard : FCC CFR 47 Part 2 Subpart J Section 2.1091  
FCC KDB Publication 447498 D01 v06  
RSS-102 Issue 5, Table 1

##### FCC:

Since maximum peak output power of the transmitter is 1.8836 mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

##### Canada:

Maximum conducted Average power: 1.76 mW

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Antenna Gain: 3.5 db -> x 1.79

Maximum EIRP available 3.94 mW

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Maximum Power available: 3.94 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 3.94 mW < 4mW at 5 mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102