

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**

Test standard : FCC KDB Publication 447498 D01  
ISED RSS-102 issue 5, Table 1

FCC:

Since maximum average output power of the transmitter is 2.9174 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: 3.05 mW

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Antenna Gain: 1.8 dbi -> x 1.5

Maximum EIRP available: 4.58 mW

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Maximum Power available: 4.58 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 4.58mW < 7mW at 10mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102

When in normal use, at least 10mm between the radiated construction(antenna) and users, which indicated in internal photos (Antenna location Diagram) .