

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**Test standard : FCC KDB Publication 447498 D01 v06  
RSS-102 issue 5, Table 1FCC:

Since maximum peak output power of the transmitter is 0.1 mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v06: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 0.1 mW

Maximum conducted Average power: 0.05 mW

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Antenna Gain: 2.78 dbi -> x 1.8967

Maximum EIRP available 0.0948 mW

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Maximum Power available: 0.0948 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 0.0948 mW < 4mW, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102