

## 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 1

FCC:

Since maximum peak output power of the transmitter is 0.0093 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: 0.0093 mW

Antenna Gain: x -9.64 dBi -> x 0.109

-----  
Maximum Power available: 0.001 mW

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