

## 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--102FCC:

Since maximum peak output power of the transmitter is 0.45 mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v05: Mobile Portable RF Exposure

## Canada:

Maximum conducted peak power: 0.45 mW

Maximum conducted Average power: 0.28 mW

-----  
Antenna Gain: 2.01 dbi -> x 1.58

Maximum EIRP available 0.4424 mW

=====  
Maximum Power available: 0.4424 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 0.4424 mW < 4mW, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102