

## 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  
47CFR 1.1310  
47CFR 2.1091  
ISED RSS-102 issue 5

**FCC:**

Therefore the maximum output power of the transmitter is 2.62mW < 10mW (Distance: 5 mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

**Canada:**

Maximum conducted peak power: 2.62mW  
Antenna Gain(Numeric): 1.23(0.9 dBi)  
Maximum EIRP available 3.22mW

Since maximum output power of the transmitter is 3.21mW < 4mW (distance ≤ 5 mm ), hence the EUT is excluded from SAR evaluation according to Table 1 in ISED RSS-102, For limb-worn devices where the 10 gram value applies, the exemption limits for routine evaluation in Table 1 of ISED RSS-102 are multiplied by a factor of 2.5.

**---End---**