

## 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  
RSS-102 issue 5, Table 4

FCC:

Therefore the maximum output power of the transmitter is  $4.6666\text{mW} < 396\text{mW}$  (Distance: 80 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: 4.6666 mW  
Antenna Gain: 5 dbi  
Maximum EIRP available 14.8 mW

Since maximum output power of the transmitter is  $14.8\text{mW} < 309\text{mW}$  (distance  $\geq 50\text{ mm}$ ), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102

**---End---**