

## 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  $1.1117\text{mW} < 10\text{mW}$ , hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure

Canada:

Maximum conducted peak power: 1.1117 mW

Maximum conducted Average power: 1.1117 mW

-----  
Antenna Gain: -7.3 dbi -> 0.19

Maximum EIRP available 0.211 mW

=====  
Maximum Power available: 0.211 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is  $0.211\text{ mW} < 4\text{mW}$ , hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102