

## 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

FCC:

Since maximum peak output power of the transmitter is 1.05mW < 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: 1.05 mW

-----  
Antenna Gain: 3.3 dbi -> x 2.13

Maximum EIRP available 2.24 mW

=====  
Maximum Power available: 2.24 mW  
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 2.24mW < 4mW, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102