

## 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 55.1950 mW < 57mW(at 30mm), hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v05: Mobile Portable RF Exposure

Canada:

Maximum conducted avg power: 42.27mW

Antenna Gain: 1.927 dBi -> x 1.558

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Maximum Power available: 65.86 mW

Since maximum output power, either EIRP or conducted, of the transmitter is 65.86 mW < 83mW(at 30mm), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102