

# 1. Safety Human exposure

## 1.1 Radio Frequency Exposure Compliance

### 1.1.1 Electromagnetic Fields

**RESULT:**

**Pass**

Test standard : RSS-102 Issue 4  
FCC KDB Publication 447498 v05

The maximum peak output power of the transmitter is 0.584mW (-2.34dBm) only, which less than 75.357mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4.

The maximum peak output power of the transmitter is 0.584mW, which far below than the SAR exclusion threshold level (Appendix B, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and >50 mm):

MHz	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	mm
2450	96	196	296	396	496	596	696	796	896	996	1096	1196	1296	1396	1496	mW

Therefore the transmitter is deemed comply with the requirement without SAR testing.