

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

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

The maximum peak output power of the transmitter is 0.28mW (-5.57dBm) only, which less than 20mW. 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 0.28 mW, which far below than the SAR exclusion threshold level (Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤50 mm):

MHz	5	10	15	20	25	30	35	40	45	50	mm
2450	10	19	29	38	48	57	67	77	86	96	mW

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