

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 5mW (6.98dBm) 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 5mW, 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
900	158	218	278	338	398	458	518	578	638	698	758	818	878	938	998	mW

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