

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : RSS-102 Issue 5 February 2021
FCC KDB Publication 447498 D01 v06
FCC Part 1.1310, Part 2.1091

The maximum peak output power of the transmitter is 483.058 $\mu\text{V/m}$ (53.68 dB $\mu\text{V/m}$) only, which less than 135.84V/m. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

Since maximum peak output power of the transmitter is 6.39×10^{-11} mW (53.68 dB $\mu\text{V/m}$) and the distance from EUT to human is >50mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.