

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

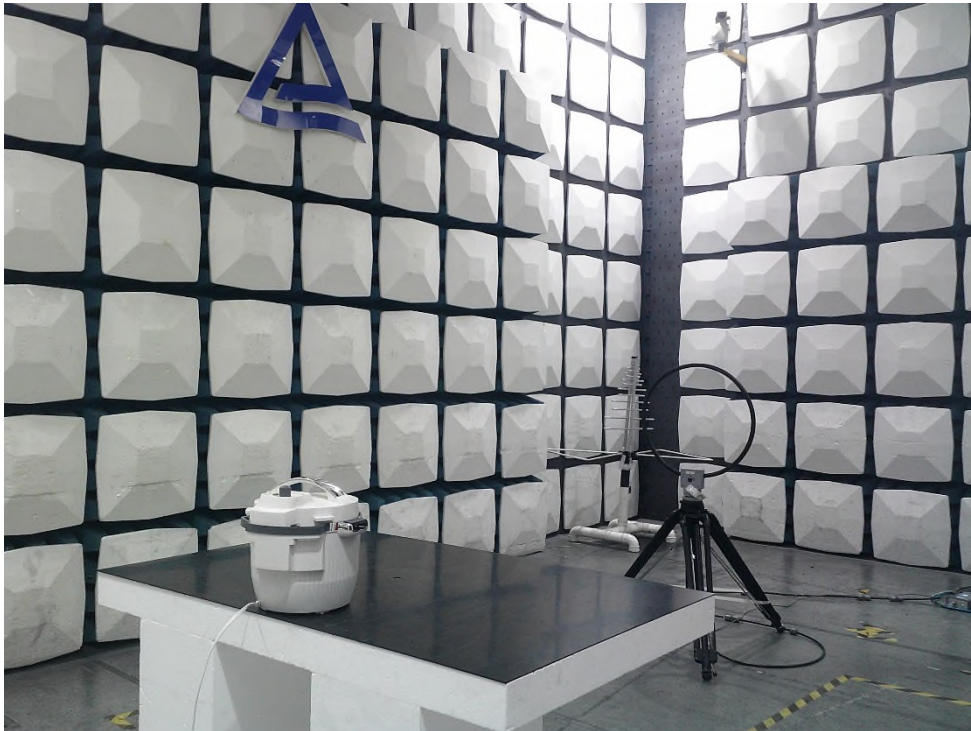
Test standard : RSS-102 Issue 5 February 2021
FCC KDB Publication 447498 D01 v06

The maximum peak output power of the transmitter is $5.34 \times 10^{-7} \mu\text{W}$ (-92.64dBm) 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 5.

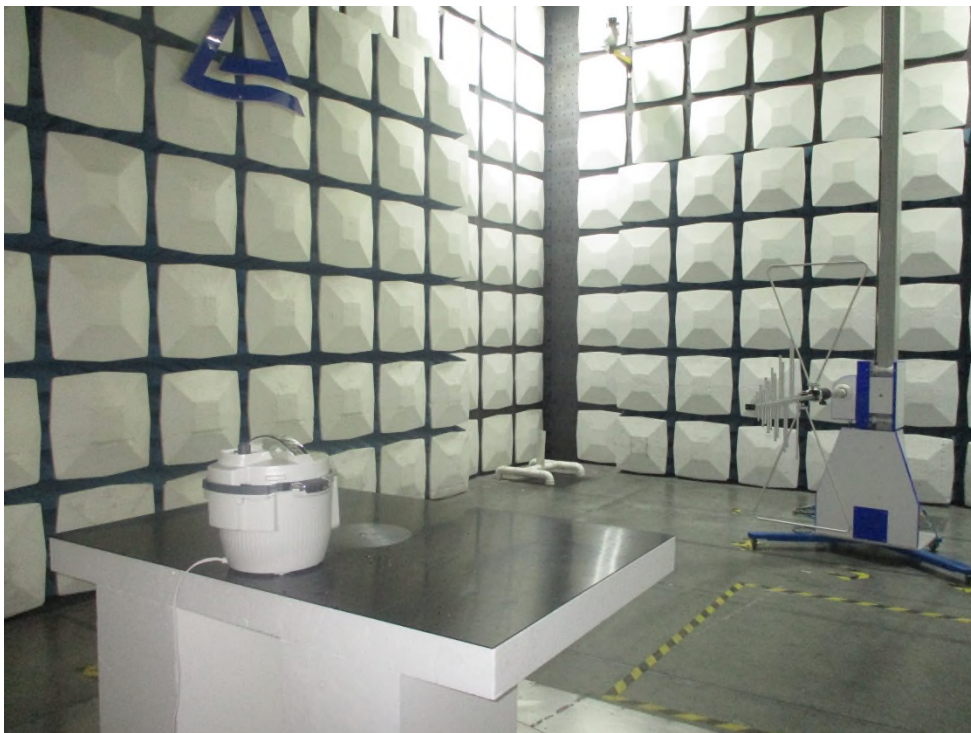
Since maximum peak output power of the transmitter is $5.34 \times 10^{-7} \mu\text{W}$ (-92.64dBm) and the distance from EUT to human is >50mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

7 Photographs of the Test Set-Up

Photograph 1: Set-up for Radiated Spurious Emissions, below 30MHz



Photograph 2: Set-up for Radiated Spurious Emissions, above 30MHz



Photograph 3: Set-up for Conducted Emissions

