

4.2 Radio Frequency Exposure Compliance

4.2.1 Electromagnetic Fields

RESULT:**Passed**

Date of testing : 2013-03-25
Test standard : FCC KDB publication 447498

Test setup

The product shall exclude from routine SAR evaluation if
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0

as per 447498 D01 General RF Exposure Guidance

Here,

At 2.4GHz band

The highest RF output power = 1.16mW

The distance between the antenna and the outer edge of enclosure is 3mm

Applying the above details in the formula,

$$(1.16/3) \cdot \sqrt{2.45} = 0.605 \leq 3.0$$

Hence, the EUT is exempted from routine SAR evaluation