

## EUT RF Exposure

The Max Conducted Peak Output Power is 0.06dBm (1.01mW) in highest channel (2.480GHz);

The best case gain of the antenna is 2dBi.

2dBi logarithmic terms convert to numeric result is nearly 1.58

According to formula. Calculate the EIRP test result:

$$\text{EIRP} = P \times G = 1.01 \times 1.58 = 1.60\text{mW} \quad \textcircled{1}$$

SAR requirement:

$$S = 60/f(\text{GHz}) = 60/2.480 = 24.19\text{mW} \quad \textcircled{2};$$

$$\textcircled{1} < \textcircled{2}.$$

So the SAR report is not required.