



EUT RF Exposure

The Max Conducted Peak Output Power is **10.35dBm(10.84mW)** in middle channel (2.412GHz);

The best case gain of the antenna is 2.1dBi.

2dBi logarithmic terms convert to numeric result is nearly 1.62

According to the formula calculate the EIRP test result:

$$\text{EIRP} = P \times G = 10.35 \text{mW} \times 1.62 = 16.77 \text{mW} \quad ①$$

SAR requirement:

$$S = 60 / f(\text{GHz}) = 60 / 2.412 = 24.88 \text{ mW} \quad ②$$

$$① < ②$$

So the SAR report is not required.