

EUT RF Exposure

The Max Conducted Peak Output Power is 12.77dBm (18.93mW) in highest channel (2.412GHz);

The best case gain of the antenna is 0dBi.

0dBi logarithmic terms convert to numeric result is nearly 1

According to formula. Calculate the EIRP test result:

$$\text{EIRP} = P \times G = 18.93 \times 1.0 = 18.93\text{mW} \quad \textcircled{1}$$

SAR requirement:

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

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

So the SAR report is not required.