

RF Exposure:

The Max Conducted Peak Output Power is -3.04dBm in Lowest channel(2.402GHz);

The best case gain of the antenna is 0.71dBi.

EIRP=-3.04dBm + 0.71dBi = -2.33dBm.

-2.33dBm logarithmic terms convert to numeric result is nearly 0.5848mW

According to the formula, calculate the EIRP test result:

$$\left[\frac{\text{max.power of channel, including tune-up tolerance, mW}}{\text{min.test separation distance, mm}} \right]$$

$$[\sqrt{f(\text{GHz})}]$$

General RF Exposure = $(0.5848\text{mW}/5\text{mm}) \times \sqrt{2.402\text{GHz}} = 0.1813$ ①

SAR requirement:

S = 3.0 ②

① < ②

So the SAR report is not required.