

**Appendix A: FCC Part 1.1307, 1.1310, 2.1091, 2.1093; IC RSS-Gen: RF Exposure KDB447498**

RF Exposure Evaluation is not required if power is below the following threshold:

The Max Conducted Peak Output Power is 2.7 dBm (1.86 mW) on lowest channel (2.425 GHz);

The max antenna gain is 3 dBi (2 numeric)

According to the formula, calculate the EIRP test result –  $1.86 \text{ mW} * 2 = 3.7 \text{ mW}$  (round to 4 mW)

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

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

General RF Exposure =  $(4 \text{ mW} / 5 \text{ mm}) \times \sqrt{2.45 \text{ GHz}} = 1.2$  ①

SAR requirement:

S = 3.0 ② ;

① < ②.

So the SAR report is not required.