

RF Exposure Compliance Requirement

The product belongs to the **Portable device** base the FCC rule part 2.1091&2.1093.

The Max Conducted Peak Output Power is **-0.15dBm (0.97mW)** in channel **39**;

the antenna is generally less than **0dBi** PCB integrated in the actual use. 3dB logarithmic terms convert to numeric result is nearly **1**;

According to the formula, calculate the EIRP test result:

$$1) \text{ EIRP} = P \times G = \text{mW} \times 1 = 0.97\text{mW};$$

The portable device SAR low threshold is $60/f(\text{GHz})$;

$$2) \text{ } S = 60 / f(\text{GHz}) = 60/2.4 = 25\text{mW};$$

According to TCB Exclusion List (17 July 2002), the SAR report is not required.