

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 **-19.16dBm (0.01mW)** in channel **39**;
the antenna is generally less than **3dBi** PCB integrated in the actual use. 3dB
logarithmic terms convert to numeric result is nearly **2**;

According to the formula, calculate the EIRP test result:

$$1) \text{ EIRP} = P \times G = 0.01\text{mW} \times 2 = 0.02 \text{mW};$$

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

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

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