



MPE calculate procedure:

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

The Max Conducted Peak Output Power is **1.60dBm(1.4mW)** 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) $EIRP = P \times G = 1.4mW \times 2 = 2.8 mW$;

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

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

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