

## **MPE Calculation**

For Shanghai Leadigi Information Technology CO.,LTD

**Model:** M551

**FCC ID:** XHLM551

**EUT Frequency Band:** 2412MHz-2462MHz

**Power Density Limit:** 1.0mW/cm<sup>2</sup>

**Equation:**  $S=PG/4\pi R^2$

Where, S=Power Density

P=Power Input to Antenna

G=Antenna Gain

R=distance to the center of radiated antenna

**Low Channel (2412MHz):** Maximum Power=23.6dBm, Antenna Gain=1dBi

$S=0.07224 \text{ mW/cm}^2$

### **Result:**

The above result had shown that device complied with 1.0mW/cm<sup>2</sup> power density requirement for distance of 20cm.

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