

## **RF Exposure**

### **Applicable Standard**

According to §1.1307(b)(5), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. This is a Portable device. **KDB616217 was used as the guidance.**

According to §1.1310 and §2.1093 RF exposure is calculated.

### **Measurement Result**

#### **For 802.11g Mode:**

This is a MID and the conducted output power is 6.01dBm (3.99mW), so the EIRP is  $3.99 \times 1.995 = 7.960\text{mW}$  which is lower than low threshold  $60/\text{fGHz mW}$  ( $60/2.462\text{GHz} = 24.37\text{mW}$ ), and the antenna is 3dBi which is less than 6dBi.

#### **For 802.11b Mode:**

This is a MID and the conducted output power is 4.12dBm (2.58mW), so the EIRP is  $2.58 \times 1.995 = 5.147\text{mW}$  which is lower than low threshold  $60/\text{fGHz mW}$  ( $60/2.462\text{GHz} = 24.37\text{mW}$ ), and the antenna is 3dBi which is less than 6dBi.

**The SAR measurement is not necessary.**