

## **RF Exposure Statement**

**No. : 26GE0351-HO**

**Applicant : silex technology, Inc.**  
**Type of Equipment : MiniPCI Wireless LAN Board**  
**Model No. : SX-10WAG (2.4GHz-Band, IEEE802.11b, g)**  
**FCC ID : N6C-SX10WAG**

---

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "SX-10WAG (2.4GHz-Band, IEEE802.11b, g)" as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4\pi * r^2)$$

Where

**P = 44.16 mW (Maximum peak output power)**  
**G = 1.41 Numerical Antenna gain; equal 1.50 dBi**  
**r = 20.0 cm**

**For: SX-10WAG (2.4GHz-Band, IEEE802.11b, g)      S = 0.01241 mW/cm<sup>2</sup>**

---

**UL Apex Co., Ltd**

**Head Office EMC Lab**

**4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN**

**Telephone : +81 596 24 8116**

**Facsimile : +81 596 24 8124**