

RF Exposure / SAR Statement

No. : 27BE0185-HO-A

Applicant : **silex technology, Inc.**
Type of Equipment : **Wireless 11g MiniPCI Adapter**
Model No. : **SX-10WG**
FCC ID : **N6C-SX10WG**

silex technology, Inc. declares that Model : SX-10WG
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093(for portable)/2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "SX-10WG" 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/cm² uncontrolled exposure limit. The Friis formula used was:

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

Where

P = 104.95 mW (Maximum peak output power)
G = 1.74 Numerical Antenna gain; equal 2.40 dBi
r = 20.0 cm

For: SX-10WG

$$S = 0.03629 \text{ mW/cm}^2$$

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