

## **RF Exposure / SAR Statement**

**No. : 25KE0241-HO**

**Applicant : SHARP CORPORATION**  
**Type of Equipment : Personal Computer**  
**Model No. : PC-M4000**  
**FCC ID : APYNAR0059**

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SHARP CORPORATION declares that Model : Personal Computer

complies with FCC radiation exposure requirement specified in the FCC Rules 2.1093.

The "PC-M4000" has 277.97 mW of conducted Peak Output power and 291.07 mW of EIRP.

The antenna is installed in the lid (display) of the Personal Computer and provides at least 20 cm separation from the user with the lid open.



### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "PC-M4000" 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 = 277.97 mW (Maximum peak output power)**  
                 **G = 1.05 Numerical Antenna gain; equal 0.20 dBi**  
                 **r = 20.0 cm**

$$S = 0.05791 \text{ mW/cm}^2$$

**For: PC-M4000**

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