

## **RF Exposure Statement**

**No. : 23LE0055-HO**

**Applicant** : SHARP CORPORATION  
**Type of Equipment** : Notebook Computer  
**Model No.** : PC-AV18P  
**FCC ID** : APYNAR0051

---

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the Notebook Computer(PC-AV18P) 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 1.0m W/cm<sup>2</sup> uncontrolled exposure limit.

Since the shortest distance between the antenna inside EUT and human body is 2.2cm when LCD is closed, the calculation is as follows:

$$S = (P * G) / (4 * \pi * r^2) \quad \text{or} \quad r = \sqrt{(P * G) / (4 * \pi * S)}$$

Where

<b>P =</b>	<b>15.49 mW (Maximum Conducted Power)</b>
<b>G =</b>	<b>1.88 Numerical Antenna gain; equal to 2.75dBi</b>
<b>r =</b>	<b>2.20 cm (Minimum length antenna to human body)</b>

**For: PC-AV18P**

$$S = 0.47967 \text{ mW/cm}^2$$

---

***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