

## **RF Exposure / SAR Statement**

**No. : 30JE0223-YK-01-A**

**Applicant : PIONEER CORPORATION**

**Type of Equipment : CD Receiver**

**Model No. : CVH-2118**

**FCC ID : AJDK032**

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PIONEER CORPORATION declares that Model : CD Receiver complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "CVH-2118" has 0.78 mW of conducted Peak Output power and 0.52 mW of EIRP. This equipment is considered as a mobile device so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "CVH-2118" 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 = 0.78 mW (Maximum peak output power)**

**G = 0.68 Numerical Antenna gain; equal -1.70 dBi**

**r = 20.0 cm**

**For: CVH-2118**

**S = 0.00010 mW/cm<sup>2</sup>**

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**UL Japan, Inc.**

**Shonan EMC Lab.**

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN

Telephone: +81 463 50 6400

Facsimile: +81 463 50 6401