

## RF Exposure / SAR Statement

**No. : 31IE0075-SH-01-A**

<b>Applicant</b>	:	<b>PIONEER CORPORATION</b>
<b>Type of Equipment</b>	:	<b>DVD RDS AV RECEIVER</b>
<b>Model No.</b>	:	<b>AVH-P4400BH</b>
<b>FCC ID</b>	:	<b>AJDK044</b>

---

PIONEER CORPORATION declares that Model : DVD RDS AV RECEIVER complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "AVH-P4400BH" has 1.65 mW of conducted Peak Output power and 0.97 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 "AVH-P4400BH" 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

<b>P =</b>	<b>1.65 mW (Maximum peak output power)</b>	
<b>G =</b>	<b>0.59 Numerical Antenna gain; equal to</b>	<b>-2.30 dBi</b>
<b>r =</b>	<b>20.0 cm</b>	

**For: AVH-P4400BH**

**S = 0.00019 mW/cm<sup>2</sup>**

---

**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