

RF Exposure / SAR Statement

No. : 32DE0001-SH-01-A

Applicant : **PIONEER CORPORATION**
Type of Equipment : **DVD RDS AV RECEIVER**
Model No. : **AVH-P8400BH**
FCC ID : **AJDK048**

PIONEER CORPORATION declares that Model : DVD RDS AV RECEIVER complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "AVH-P8400BH" has 1.54 mW of conducted Peak Output power and 0.23 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-P8400BH" as calculated from FCC OET Bulletin 65 Appendix A, Table (B) Limits for General Population / Unc 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 uncontr exposure limit. The Friis formula used was:

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

Where

P = 1.54 mW (Maximum peak output power)
G = 0.15 Numerical Antenna gain; equal -8.20 dBi
r = 20.0 cm

For: AVH-P8400BH

$$S = 0.00005 \text{ mW/cm}^2$$

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