

RF Exposure / SAR Statement

No. : 31BE0255-SH-01-A

Applicant : PIONEER CORPORATION

Type of Equipment : CD Receiver

Model No. : DEH-8018

FCC ID : AJDK036

PIONEER CORPORATION declares that Model : CD Receiver complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "DEH-8018" has 0.96 mW of conducted Peak Output power and 0.82 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 "DEH-8018" 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/cm² uncontrolled exposure limit. The Friis formula used was:

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

Where

P = 0.96 mW (Maximum peak output power)

G = 0.85 Numerical Antenna gain; equal -0.70 dBi

r = 20.0 cm

For: DEH-8018

S = 0.00016 mW/cm²

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