RF Exposure / SAR Statement

No. : 32EE0045-SH-01

Applicant	:	**PIONEER CORPORATION**
Type of Equipment	:	**Receiver Ass'y**
Model No.	:	**DEH-8128**
FCC ID	:	**AJDK050**

PIONEER CORPORATION declares that Model : Receiver Ass'y
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The "DEH-8128" has 2.13 mW of conducted Peak Output power and 2 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 gai antenna provided with the "DEH-8128" 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/cm^2 uncontr exposure limit. The Friis formula used was:

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

Where

P = 2.13 mW (Maximum peak output power)
G = 0.94 Numerical Antenna gain; equal -0.28 dBi
r = 20.0 cm

For: DEH-8128 **S = 0.00040 mW/cm^2**

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