RF Exposure / SAR Statement

No. : 4786001954S-A

Applicant	:	**PIONEER CORPORATION**
Type of Equipment	:	**NAVIGATION AV SYSTEM**
Model No.	:	**AVIC-Z150BH**
FCC ID	:	**AJDK060**

PIONEER CORPORATION declares that Model : NAVIGATION AV SYSTEM
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.
The "AVIC-Z150BH" has 1.38 mW of conducted Peak Output power and 0.48 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 "AVIC-Z150BH" 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^2 uncontrolled exposure limit. The Friis formula used was:

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

Where

P =	**1.38**	**mW (Maximum peak output power)**	
G =	**0.35**	**Numerical Antenna gain; equal to**	**-4.60 dBi**
r =	**20.0**	**cm**	

For: AVIC-Z150BH **S =** **0.00010** **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