

RF Exposure / SAR Statement

No. : 10191284S-C

Applicant : **PIONEER CORPORATION**
Type of Equipment : **Car Audio**
Model No. : **NVF-8538ZH**
FCC ID : **AJDK082**

PIONEER CORPORATION declares that Model : Car Audio complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "NVF-8538ZH" as calculated from FCC Part 1, §1.1310, TABLE 1 (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 = 129.72 mW (Maximum peak output power)
G = 0.74 Numerical Antenna gain; equal to -1.30 dBi
r = 20.0 cm

For: NVF-8538ZH

S = 0.01913 mW/cm²

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