

RF Exposure / SAR Statement

No. : 10191284S-A

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 $1.0\text{mW}/\text{cm}^2$ uncontrolled exposure limit. The Friis formula used was:

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

Where

P =	1.85 mW (Maximum peak output power)	
G =	0.82 Numerical Antenna gain; equal to	-0.84 dBi
r =	20.0 cm	

For: NVF-8538ZH

$$S = 0.00030 \text{ mW}/\text{cm}^2$$

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