

RF Exposure / SAR Statement
No. : 10762865S-A

Applicant : **PIONEER CORPORATION**
Type of Equipment : **Car Audio with Bluetooth / WLAN**
Model No. : **PVH-5558**
FCC ID : **AJDK091**

PIONEER CORPORATION declares that Model : PVH-5558
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 "PVH-5558" 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 = 1.97 mW (Maximum average output power)
G = 0.63 Numerical Antenna gain; equal to -1.98 dBi
r = 20.0 cm

For: PVH-5558

$$S = 0.00025 \text{ mW/cm}^2$$

Even taking into account the tolerance, this device can be satisfied with the limits.

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