RF Exposure / SAR Statement (Reference)
No. : 11085508M-A/B

Applicant	**:**	**PIONEER CORPORATION**
Type of Equipment	**:**	**Car Audio with Bluetooth / WLAN**
Model No.	**:**	**PVH-5248**
FCC ID	**:**	**AJDK095**

PIONEER CORPORATION declares that Model : PVH-5248
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-5248" 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/cm^2 uncontrolled exposure limit. The Friis formula used was:

$$S = ((P1 * G1) + (P2 * G2)) / (4 * \pi * r^2)$$

Where

P1 =	**2.69**	**mW (Maximum average output power)** *1)	
P2 =	**22.44**	**mW (Maximum average output power)** *2)	
G1 =	**0.56**	**Numerical Antenna gain; equal to**	**-2.51 dBi**
G2 =	**0.53**	**Numerical Antenna gain; equal to**	**-2.78 dBi**
r =	**20.0**	**cm**	

For: PVH-5248 **S = 0.00267 mW/cm^2**

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

*1) Bluetooth value
*2) Wireless LAN value

This calculation was made to show that the EUT complies with the limit in simultaneous transmitting of Wireless LAN and Bluetooth.

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