

## **RF Exposure / SAR Statement**

### **No. : 10712938S-A**

**Applicant : PIONEER CORPORATION**  
**Type of Equipment : Car Audio with Bluetooth**  
**Model No. : CVH-8538ZH**  
**FCC ID : AJDK090**

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PIONEER CORPORATION declares that Model : CVH-8538ZH  
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 "CVH-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/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

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

Where

**P = 0.95 mW (Maximum average output power)**  
**G = 0.80 Numerical Antenna gain; equal to -1.00 dB**  
**r = 20.0 cm**

For: CVH-8538ZH

$$S = 0.00015 \text{ mW/cm}^2$$

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

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**UL Japan, Inc.**

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