

RF Exposure / SAR Statement

No. : 31BE0285-SH-01-A

Applicant : PIONEER CORPORATION
Type of Equipment : CD Receiver
Model No. : CVH-2018
FCC ID : AJDK035

PIONEER CORPORATION declares that Model : CD Receiver complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "CVH-2018" has 0.62 mW of conducted Peak Output power and 0.77 mW of EIRP. This equipment is considered as a mobile device so that SAR testing is excluded. The Following calculation is the reference data for 20cm distance.

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "CVH-2018" as calculated from FCC OET Bulletin 65 Appendix A, Table (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 = 0.62 mW (Maximum peak output power)
G = 1.26 Numerical Antenna gain; equal 0.99 dBi
r = 20.0 cm

For: CVH-2018

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

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