

## **RF Exposure / SAR Statement**

**No. : 32EE0240-SH-01-A**

**Applicant : PIONEER CORPORATION**  
**Type of Equipment : Receiver Ass'y**  
**Model No. : NXH-0628**  
**FCC ID : AJDK053**

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PIONEER CORPORATION declares that Model : Receiver Ass'y complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091. The "NXH-0628" has 1.59 mW of conducted Peak Output power and 2.52 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 "NXH-0628" 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/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

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

**Where**

**P = 1.59 mW (Maximum peak output power)**  
**G = 1.58 Numerical Antenna gain; equal 2.00 dBi**  
**r = 20.0 cm**

**For: NXH-0628**

$$S = 0.00050 \text{ mW/cm}^2$$

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