

## **RF Exposure / SAR Statement**

**No. : 24IE0007-HO-1**

**Applicant : Pioneer Corporation**  
**Type of Equipment : Digital Wireless Speaker System (Transmitter)**  
**Model No. : XW-HT1(T)**  
**FCC ID : AJDT104**

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### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the “XW-HT1(T)” 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 = 8.32 mW (Maximum peak output power)**  
**G = 1.11 Numerical Antenna gain; equal 0.44 dBi**  
**r = 20.0 cm**

**For: XW-HT1(T)**

$$S = 0.00183 \text{ mW/cm}^2$$