

## **RF Exposure / SAR Statement**

**No. : 25DE0040-HO-1**

**Applicant : Pioneer Corporation**  
**Type of Equipment : Digital Wireless Speaker System(Transmitter)**  
**Model No. : XW-HTP550(T) / XW-DV755(T)**  
**FCC ID : AJDT105**

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### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the “XW-HTP550(T) / XW-DV755(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 = 61.38 mW (Maximum peak output power)**  
**G = 1.48 Numerical Antenna gain; equal 1.70 dBi**  
**r = 20.0 cm**

**For: XW-HTP550(T) / XW-DV755(T)**

$$S = 0.01806 \text{ mW/cm}^2$$

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