

RF Exposure Statement

No.:23HE0036-HO-1

Applicant : **Pioneer Corporation**
Type of Equipment : **Digital Wireless Speaker System (Transmitter)**
Model No. : **XW-HTD630(T)**
FCC ID : **AJDT101**

Radiofrequency radiation exposure evaluation statement:

Pioneer Corporation declares that Model: XW-HTD630(T) complies with the definition of “mobile devices” indicated in FCC 2.1091(b) and complies with the limits for MPE for the General Population/Uncontrolled Exposure at 20 cm separation between the antenna and the body of user or nearby persons (Table 1(B) of FCC 1.1310).

MPE Calculation:

The Table 1(B) of FCC 1.1310 specifies the limits for MPE (Maximum Permissible Exposure) for General Population/Uncontrolled Exposure.

The power density shall be below 1.0 mW/cm² for frequencies from 1.5 GHz to 100 GHz.

The power density S is calculated by the following equation:

$$S = (P \times G) / (4 \pi R^2)$$

Where, S = Power Density in mW/cm² at 20 cm apart from the antenna

P = 16.6 mW (Maximum Conducted Power)

G = 1.48 (Numerical Antenna Gain;equal to 1.69dBi)

R = 20 cm

For : XW-HTD630(T) S = 0.004872 mW/cm²

Notes in the User’s Manual:

IMPORTANT:

To meet the FCC's RF Exposure Guidelines, model XW-HTD630(T) should be used so that there is at least 20 centimeters of separation between the body of user or nearby persons and the antenna.

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