

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.

UL Apex Co., Ltd. EMC Service Dept. Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124