

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

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/cm² 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 mW/cm²