

RF Exposure / MPE Calculation

No. : 30KE0083-HO-01

Applicant : YAMAHA CORPORATION
Type of Equipment : Portable Player Dock
Model No. : PDX-W61
FCC ID : A6RPDXW61A
IC Number : 740B-PDXW61A

YAMAHA CORPORATION declares that Model : PDX-W61
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091 (for mobile).

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "PDX-W61" 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 = 5.66 mW (Maximum peak output power)
G = 1.49 Numerical Antenna gain; equal to 1.74 dBi
r = 20.0 cm

For: PDX-W61

$$S = 0.00168 \text{ mW/cm}^2$$

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