

RF Exposure / SAR Statement

No. : 25IE0258-HO

Applicant : YAMAHA CORPORATION
Type of Equipment : Digital Audio Server
Model No. : MCX-2000
FCC ID : A6RMCX2000A

RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the "MCX-2000" 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 = 106.17 mW (Maximum peak output power)
G = 2.00 Numerical Antenna gain; equal 3.00 dBi
r = 20.0 cm

For: MCX-2000

$$S = 0.04214 \text{ mW/cm}^2$$

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