Section 10. Maximum Permissible Exposure

MPE estimate is given per 2.1091 of FCC Rules:

Calculation Equation:

$$d = 0.282 \times \frac{10^{\frac{P+G}{20}}}{\sqrt{S}}$$

Where, P--max. Output Power, G—Antenna Gain and S—Power Density Factor from §1.1310.

Plug all three items into the equation, and yields,

Power Density MPE Limit (mW/ cm^2)	Output Power (dBm)	Server Antenna Gain (dBi)	Donor Antenna Gain (dBi)	Server MPE Distance (cm)	Donor MPE Distance (cm)

NOTE:

For mobile or fixed location transmitters, the minimum separation distance is 20 cm, even if calculations indicate that the MPE distance would be less.

N/A FOR THIS CASE ----AMPLIFIER ONLY, NO ATENNNA PRESENT.

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