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RF Exposure

To demonstrate compliance with MPE requirements the following calculation has been carried out to estimate the minimum separation distance between an antenna and persons required to satisfy power density limits (defined for free space).

$$S = \text{EIRP} / 4\pi R^2$$

Where  $S = 1.0 \text{ mW/cm}^2$

$\text{EIRP} = 36.5 \text{ dBm (4466mW)}$  - worst case of both units

$R = \text{Distance}$

Minimum Distance = 18.85 CM

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