

RF Exposure Statement

1. Standard Applicable

FCC 1.1310 Radiofrequency radiation exposure limits

2. Calculation

Formula: $S = (P \times G)/(4 \times 3.14 \times r^2)$

S = power density (mW/cm²)

P = power at antenna (mW)

G = gain of antenna

R = distance (cm)

$$(10 \times 1.26)/(4 \times 3.14 \times 20^2) = .0025\text{mW/cm}^2$$

The power density at 20cm is .0025mW/cm² which is less than the .61mW/cm² limit of FCC 1.1310.