

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 (dBi)

R = distance (cm)

$$(14.256 \times 5) / (4 \times 3.14 \times 20^2) = .0142 \text{mW/cm}^2$$

The power density at 20cm is .0142mW/cm² which is less than the 1mW/cm² limit of FCC 1.1310.

The device is intended to allow remote connection via wifi. The user will not be within 20cm of the device during normal operation.