Wireless Inc. MPE Calculations

FCC ID: EV9N2WLAX-5G3

15.407(f) RF Exposure Information

MPE Calculations for 0 dBm into 18 dBi Antenna:

**RF Hazard Distance
Calculation**

mW/cm2 from Table1:   **1.00**

Max RF Power   TX Antenna   MPE
P, dBm   G, dBi   Safe Distance, cm

   0.0   **18.0**   **2.2**

Basis of Calculations:

E^2/3770 = S, mW/cm2
E, V/m = (Pwatts*Ggain*30)^.5/d, meters
d = ((Pwatts*G*30)/3770*S))^0.5   Pwatts*Ggain = 10^(PdBm-30+GdBi)/10)

The product antenna will be installed in outdoor locations, on rooftops and on poles, and as such will be at least 2m away from persons during normal operations.

The user manual will require a minimum separation of 1.5 m for this product.