RF Hazard Distance Calculation
mW/cm2 from Table1:   1.00

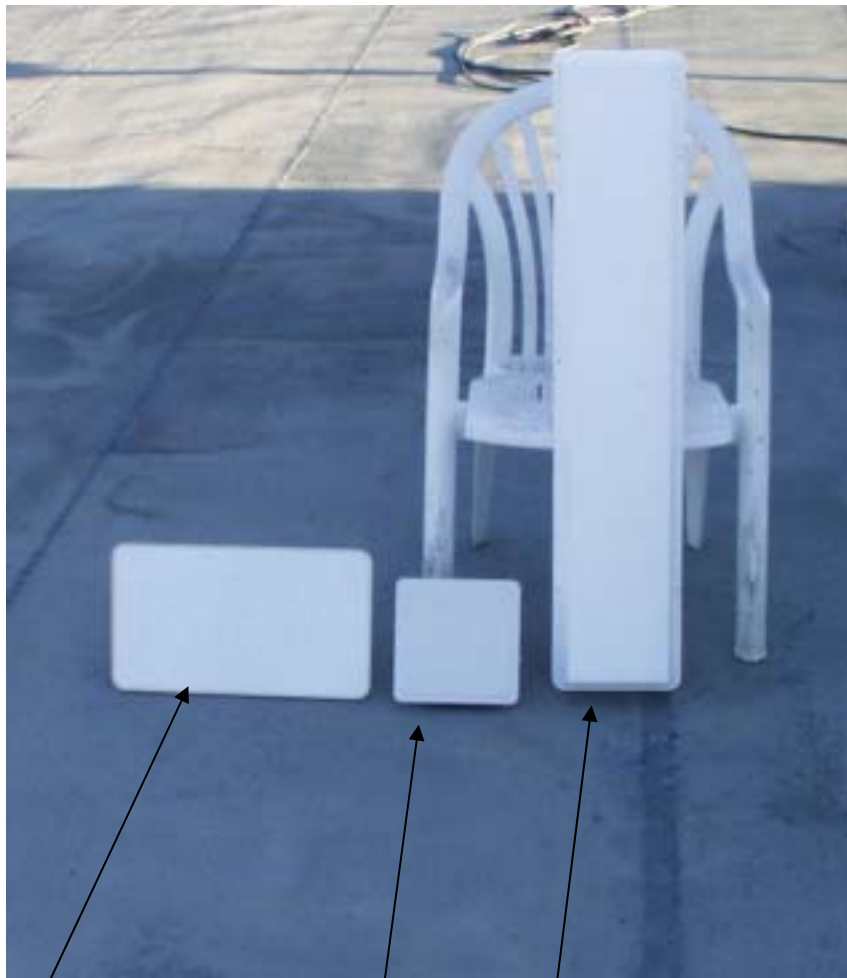| Max RF Power P, dBm	TX Antenna G, dBi	MPE Safe Distance, cm	
20.0	16.0	17.8	90deg sector
20.0	17.0	20.0	integral ant
20.0	24.0	44.7	panel

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

NOTE: For mobile or fixed location transmitters, minimum separation distance is 20 cm, even if calculations indicate MPE distance is less

panel   integral   sector