Estimated Worst Case Maximum Permissible Exposure Distance

1. 2.4GHz 14dBi 120 Degree Sector Panel Antenna

$S=EIRP/4x3.14xR^2$
Output Power = 100mW
$S=1mW/cm^2$

Minimum Distance = 10.5cm

2. 2.4GHz 8dBi Omni-Directional Antenna
$S=EIRP/4x3.14xR^2$
Output Power = 100mW
$S=1mW/cm^2$

Minimum Distance = 7.9cm

Estimated Maximum Permissible Exposure at 20cm Distance

1 2.4GHz 14dBi 120 Degree Sector Panel Antenna

$S=EIRP/4x3.14xR^2$
Output Power = 100mW

$S = 0.278mW/cm^2$

2. 2.4GHz 8dBi Omni-Directional Antenna
$S=EIRP/4x3.14xR^2$
Output Power = 100mW
$S = 0.159mW/cm^2$