RF Exposure Calculations:

The following information provides the minimum clearance distance for the 7 dBi Omni antenna provided with the Winncom Technologies AMP100 system, as calculated from **FCC OET 65 Appendix B, Table 1B** Guidlines for General Population/Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain. The formula used was:

S = (Po*G)/(4*pi*r^2)

Where S = 1.0 mW/cm^2 for 2400 MHz.
Where Po = 800 mW max.

For: 7 dBi Omni Antenna - Winncom Model WRO2400-70 .... **r = 18 cm**
Antenna Description: 23 inch omni whip

The following statement will be presented in the AMP1000 User Manual:

WARNING

In order to comply with the FCC adopted RF exposure requirements, this transmitter system will be installed by the manufacturer's resaler professional. Installation of the 23 inch, 7 dBi Omni antenna must be performed in a manner that will provide at least 20 cm clearance from the antenna, to any personnel such as employee or member of the public.