

## **7.0 RF Exposure evaluation**

FCC 2.1091

The maximum calculated EIRP is 10W.

Using the formula for the Power Density,  $S = \text{EIRP} / 4\pi D^2$ , D = distance, where the Maximum Permissible Exposure (MPE) satisfies the FCC 1.1310 limit for General Population/Uncontrolled Exposure, can be calculated as:

$$D \geq \sqrt{(\text{EIRP} / 4\pi S)}$$

The MPE Limit is  $1 \text{ mW/cm}^2$ , therefore  $D \geq 28 \text{ cm}$

The Statement that a minimum separation distance of 28 cm between the antenna and persons must be maintained is included in the User's manual.