RF Exposure

UHF Antenna 1

Conducted output power (Max reading of all POP)	27.3 dBm	
Antenna Gain	8 dBi	
EIRP =Pmax + Ant Gain	35.3 dBm	3388.44 mW

The limit for General Population/Uncontrolled Exposure is

S[mW/cm^2] = f[MHz]/1500   F   902 MHz

S[mW/cm^2] = 0.601333 mW/cm^2

The distance from the antenna at which this radiation level will reached is

$$R = \sqrt{\frac{EIRP}{4\pi S}}$$

R = 21.17568 cm