Environmental evaluation and exposure limit according to FCC CFR 47 part 1, §1.1307, §1.1310

Limit for power density for general population/uncontrolled exposure is 1 mW/cm^2.
The power density P (mW/cm^2) = Pt /4π r^2.
Where:
Pt - The transmitted power (EIRP) (mW)
Pt- the transmitted power whish is equal to the output power 18 dBm plus maximum antenna gain - 24 dBi
r - The distance from the unit. (cm)
The 1(mW/cm^2) limit can be calculated from the above based on the following data:
The maximum EIRP = 42 dBm = 15849 mW
r = sqrt(15849/4π) = 35.5 cm
The allowed distance "r", where RF exposure limits may not be exceeded, is 35.5 cm from the unit antenna main lobe.
The EUT with the attached antenna are mounted only outside the building on the high level pole or wall, which are above general public, see the manufacturer instructions for installation provided in attached documentation.