FCC ID: 2AKCX-BU1

Base Unit transmitter environmental evaluation and exposure limit according to FCC CFR 47 part 1, § 1.310.

FCC §1.1310 limit of power density for general population/uncontrolled exposure is 1 mW/cm^2.
The power density calculation is $S = (Pt / 4\pi r^2)$.
Where:
Pt - The transmitted power EIRP (mW)
r - The distance from the unit. (cm)
The limit $1mW/cm^2$ can be calculated from the above based on the following data:
Pt- the transmitted maximum EIRP power = 2.1 dBm = 1.62 mW.
Maximum allowed distance "r", where RF exposure limits may not be exceeded = SQRT(1.62/4π) and is more than 0.36 cm from the tested unit.
Peak power density for distance 20 cm is $Pt/4\pi r^2 = 1.62 mW/4\pi*0.2^2 = 0.000323 mW/cm^2$. That is less than 1 mW/cm^2 power density limit.