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

Limit for power density for general population/uncontrolled exposure is 0.61 mW/cm².

The power density
$$P\left(mW/cm^2\right) = \begin{array}{c} P_T \\ ----- \\ 4\pi\,r^2 \end{array}$$
 where

 P_T is the maximum equivalent isotropically radiated power (EIRP). In our case P_T is $14.24\ dBm + 2\ dBi$ (antenna gain) = $16.24\ dBm = 42\ mW$.

$$0.61 \text{ (mW/cm}^2\text{)} = 42 \text{ mW} / 4\pi \text{ r}^2$$

The minimum safe distance "r", where RF exposure does not exceed FCC permissible limit, is 2.4 cm.

$$r = sqrt(P_T / (Px4\pi)) = sqrt(42 / (0.61 x 4 x 3.14)) = 2.4 (cm).$$

Hence, no safety hazard exists for human being.