Exposure limit according to §15.247(i) and §1.1307

The device is classified as mobile.

Limit for power density for general population/uncontrolled exposure is f/1500 mW/cm^2 for 300 – 1500 MHz frequency range:

P = 905/1500 = 0.6 mW/cm^2

The power density **$P\ (mW/cm^2) = P_T / 4\pi r^2$**

P_T is the transmitted power, which is equal to the peak transmitter output power 19.27 dBm plus maximum antenna gain 1.5 dBi, the maximum equivalent isotropically radiated power EIRP is

$$P_T = 19.27\ dBm + 1.5\ dBi = 20.77\ dBm = 119.4\ mW.$$

The power density at 20 cm (minimum safe distance, required for mobile devices), calculated as follows:

$$119.4\ mW / 4\pi\ (20\ cm)^2 = 0.024\ mW/cm^2 << 0.6\ mW/cm^2$$

General public cannot be exposed to dangerous RF level.