Exposure limit according to §2.1091 and §1.1307

The device is classified as mobile.

1) The transmitter maximum output power is 9.98 dBm (the antenna gain is 0 dBi), i.e., approximately 10 mW that is less than the FCC part 2, §2.1091 limit of 1.5 W.

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

$P = 915/1500 = 0.61\ mW/cm^2$

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

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

$$10\ mW / 4\pi\ (20\ cm)^2 = 0.002\ mW/cm^2 << 0.61\ mW/cm^2$$

General public cannot be exposed to dangerous RF level.