Exposure limit according to §15.247(i) and RSS-102

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:

$P = 912.75/1500 = 0.61$ mW/cm^2

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

P_T is the transmitted power, which is equal to the peak transmitter output power 8.1 dBm plus maximum antenna gain -1 dBi, the maximum equivalent isotropically radiated power EIRP is

$$P_T = 8.1\ dBm\ -1\ dBi = 7.1\ dBm = 5.1\ mW.$$

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

$$5.1\ mW\ /\ 4\pi\ (20\ cm)^2 = 0.001\ mW/cm^2 << 0.61\ mW/cm^2$$

General public cannot be exposed to dangerous RF level.