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 **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 18.92 dBm plus maximum antenna gain -7 dBi, the maximum equivalent isotropically radiated power EIRP is

$P_T = 18.92$ dBm -7 dBi $= 11.92$ dBm $= 15.6$ mW.

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

15.6 mW $/ 4\pi\, (20$ cm$)^2 = 0.003$ mW/cm^2 $<< 0.61$ mW/cm^2

General public cannot be exposed to dangerous RF level.