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

P_T = 26.62 dBm -7 dBi = 19.62 dBm = 91.6 mW.

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

91.6 mW / 4π (20 cm)^2 = 0.018 mW/cm^2 << 0.61 mW/cm^2

General public cannot be exposed to dangerous RF level.