Exposure limit according to §15.247(i)

The module is classified as a mobile device.

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

$$P = 912.75/1500 = 0.61 \text{ mW/cm}^2$$

The power density $\textbf{P (mW/cm}^2\textbf{)} = \textbf{P}_\textbf{T} \textbf{/ } 4\pi \textbf{ r}^2$

P_T is the transmitted power, which is equal to the peak transmitter output power 15.12 dBm plus maximum antenna gain 2 dBi, the maximum equivalent isotropically radiated power EIRP is

$$P_T = 15.12 \text{ dBm} + 2 \text{ dBi} = 17.12 \text{ dBm} = 51.5 \text{ mW.}$$

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

$$\text{Compliance with FCC limit: } 51.5 \text{ mW } / 4\pi (20 \text{ cm})^2 = 0.01 \text{ mW/cm}^2 << 0.61 \text{ mW/cm}^2$$

General public cannot be exposed to dangerous RF level.