Environmental evaluation and exposure limit according to FCC CFR 47 §15.247(b)(5) and §1.1307, §1.1310

The subscriber unit is classified as mobile device.

Limit for power density for general population/uncontrolled exposure is 1 mW/cm^2
(for 1500 –100,000 MHz frequency range).

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

P_T is the transmitted power, which is equal to the transmitter output power 23.9 dBm plus maximum antenna gain 11.5 dBi, the maximum equivalent isotropically radiated power EIRP is

$$P_T = 23.9\ \text{dBm}\ +11.5\ \text{dBi} = 35.4\ \text{dBm} = 3467\ \text{mW}.$$

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

$$3467\ \text{mW} / 4\pi\ (20\ \text{cm})^2 = 0.69\ \text{mW/cm}^2 < 1\ \text{mW/cm}^2$$

was found below the limit.

Hence, no safety hazard exists for human being.