Juganu Ltd.

FCC ID:2ATPH-JNET1-915MHZ

Exposure limit according to §15.247(i)

The RF moduleis classified as a mobile device.

The FCC limit for power density for general population/uncontrolled exposure is f/1500 mW/cm² for 300 – 1500 MHz frequency range:

 $P = 903/1500 = 0.6 \text{ mW/cm}^2$

The power density **P (mW/cm²) = P_T / 4\pi r²**

P_T is the transmitted power, which is equal to the peak transmitter output power 10.45 dBm plus maximum antenna gain 2.5 dBi, the maximum equivalent isotropically radiated power EIRP is

P_T =10.45 dBm + 2.5 dBi = 12.95 dBm = 19.72 mW.

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

19.72 mW / 4π (20 cm)² = 0.004 mW/cm² << 0.6 mW/cm²

General public cannot be exposed to dangerous RF level.