Visonic Ltd.

FCC ID:WP3RFDQOL

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/cm² for 300 – 1500 MHz frequency range:

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

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 15.12 dBm plus maximum antenna gain 2 dBi, the maximum equivalent isotropically radiated power EIRP is

P_T = 15.12 dBm + 2 dBi = 17.12 dBm = 51.5 mW.

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

Compliance with FCC limit: 51.5 mW / 4π (20 cm)² = 0.01 mW/cm² << 0.61 mW/cm²

General public cannot be exposed to dangerous RF level.