

**Environmental evaluation and exposure limit according to FCC CFR 47part 1,
§1.1307, §1.1310**

The device is classified as mobile one tested according to FCC Part 15 sec.15.231 (operating at 916.5 MHz) and sec.15.255 (operating at 61 GHz).

Limit for power density for general population/uncontrolled exposure is 1 mW/cm² for 1500 -100000 MHz frequency range.

The power density P (mW/cm²) = $P_T / 4\pi r^2$, where

P_T is the maximum equivalent isotropically radiated power (EIRP), the measured value is 12.19 dBm that corresponds to 16.6 mW

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

$$16.6 \text{ mW} / 4\pi (20 \text{ cm})^2 = 0.003 \text{ mW/cm}^2 \ll 1 \text{ mW/cm}^2$$

General public cannot be exposed to dangerous RF level.