Environmental evaluation and exposure limit according to
FCC CFR 47 part 15, §15.247(e)(i) and §1.1307

MPE limit for power density for general population/uncontrolled exposure according to FCC §1.1310 is 1 mW/cm^2.

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

P_T - transmitted power.

P_T is equal to transmitter output power 16.1 dBm plus maximum antenna gain 1 dBi, the maximum equivalent isotropically radiated power (e.i.r.p.) is 17.1 dBm = 51.3 mW.

$$1(\text{mW/cm}^2) = 51.3 \text{ mW}/\ 4\pi\ r^2$$

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

calculated as follows:
$$51.3 \text{ mW} /\ 4\pi\ (20 \text{ cm})^2 = 0.01 \text{ mW/cm}^2 \ll 1 \text{ mW/cm}^2$$

Public cannot be exposed to dangerous RF level.

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