

RF exposure requirements

Device Type: INDIGO FWT-200

Fixed, General Population/Uncontrolled exposure

Dear Sir,

The transmitter is using indoor antennas that operate at 20 cm or from nearby persons.

The maximum permitted level is calculated using the general equation:

$$S = P \cdot G / 4\pi R^2$$

Here $P = 617 \text{ mW}$

$G = 3$

$R = 20 \text{ cm}$

$\pi = 3.1416$

Solving for S, the power density at 20 cm is **0.368** mW/cm².

So the 1 mW/cm² limit is kept.

Please contact us if you have any additional questions.

Best Regards

Morlab

Wu Xuewen

Certification Manager