

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=617mW

G=3

R=20cm

π = 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