

RF exposure requirements - FCC ID:

Dear Examiner,

The maximum measured power output is 1445 mW (31,6 dBm), the maximum antenna gain is 0,75.

The maximum permissible exposure is defined in 47 CFR 1.1310 with 1 mW/cm².

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

The maximum permitted level is calculated using the general equation:

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

P = 1445 mW,

G = 0,75

R = 20 cm

$\pi = 3,1416$

Solving for S, the power density at 20 cm is 0,216 mW/cm².

So the 1 mW/cm² limit is kept.

Please contact us if you have any additional questions.

Best Regards

7 layers AG

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