

**RF exposure requirements - FCC ID: L73ATX90354**

Dear Application Examiner,

The maximum measured power output is 87,10 mW (19,40 dBm), the maximum antenna gain is +1.9 dBi = numeric gain 1,55 (see also FCC test report).

The maximum permissible exposure is defined in 47 CFR 1.1310 with 1 mW/cm<sup>2</sup>.

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:

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

P = 87,10 mW,

G = 1,55 (numeric gain; +1.9 dBi = linear power gain relative to the isotropic radiator),

R = 20 cm

$\pi$  = 3,1416

Solving for S, the power density at 20 cm is 0,0269 mW/cm<sup>2</sup>.

So the 1 mW/cm<sup>2</sup> limit is kept.

[ Date / Signature ]

25 January 2008

Signature



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