



NoWires Needed

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Declaration on radiation safety standard conformance

Bilthoven - The Netherlands, May 18, 2000

To Whom It May Concern:

NoWiresNeeded
Remi Blokker
VP Hardware Design

Declares that the following product

description: 2.4 GHz Low Power RLAN transceiver
FCC ID: OGD10430200
manufacturer: NoWiresNeeded B.V.
brand: NoWiresNeeded
type/modelnumber: 11 Mbps Wireless LAN PC card

has an e.i.r.p. less than 13 dBm (20mW), which means that the worst case prediction of power density (100% reflection) at 5 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4\pi * R^2} \quad (\text{power density without reflection})$$

$$S = \frac{2^2 * EIRP}{4\pi * R^2} \quad (\text{power density with 100% reflection})$$

$$S = \frac{2^2 * EIRP}{4\pi * R^2} = \frac{20mW}{\pi * (5cm)^2} = 0.25 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

This means that according to the Supplement C (edition 97-01) to OET Bulletin 65 (edition 97-01) [1] the equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of FCC Part 15.247(b)4.

Tim Stijntjes i.o.

name Remi Blokker
position held VP Hardware Design

[1] Federal Communications Commission Office of Engineering & Technology, "Evaluating compliance with FCC guidelines for human exposure to radiofrequency electromagnetic fields, additional information for evaluating compliance of mobile and portable devices with FCC limits for human exposure to radiofrequency emissions", Supplement C (edition 97-01) to OET Bulletin 65 (edition 97-01).

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