



GemTek Technology Co., Ltd.

Declaration on Radiation Safety Standard conformance

To Whom It May Concern:

GemTek Technology Co., Ltd.

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Contact person: Mike Chen, Vice President

Declares that the following product

description:	2.4 GHz Low Power RLAN transceiver
FCC ID:	MXF-WX1520
manufacturer:	NoWiresNeeded B.V.
brand:	GemTek
type/modelnumber:	WX-1520

has an e.i.r.p. less than 15.5 dBm (35.5mW), which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

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

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

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} = \frac{35.5mW}{\pi * (20cm)^2} = 0.03 \text{ mW/cm}^2 \quad (\text{limit} = 1.0 \text{ mW/cm}^2)$$

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.

Sincerely,

Mike Chen,
Vice President
GemTek Technology Co., Ltd.

[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).