

Groenlo, 19 July 2011

Declaration on radiation safety standard conformance

To whom it may concern:

N.V. Nederlandsche Apparatenfabriek "Nedap"
 Parallelweg 2
 7141 DC Groenlo
 The Netherlands

declares that the following product

Description : 2.45 GHz Data Transmission System
 FCC ID : CGDLW2450
 Manufacturer : N.V. Nederlandsche Apparatenfabriek "Nedap"
 Brand : Nedap
 Model : Luxon Wireless 2450

has a rated RF power of 2.63 mW, which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows:

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

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

$$S = \frac{2^{2*} EIRP}{4 * \pi * R^2} = \frac{2.63mW}{\pi * (20cm)^2} = 0.002 \text{ mW/cm}^2 \quad (\text{Limit} = 1.0 \text{ mW/cm}^2)$$

Best regards,
 N.V. Nederlandsche Apparatenfabriek "Nedap"

Jacques Hulshof
 Approbation Management

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