

Groenlo, 13 November 2009

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 : Wireless Space Count system for parking lots
FCC ID : CGDSENSNODE
Manufacturer : N.V. Nederlandsche Apparatenfabriek "Nedap"
Brand : Nedap
Type/model number : SENSIT IR and SENSIT

has a rated RF power of 3.5 mW, which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows:

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

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

$$S = \frac{2^2 * EIRP}{4 * \pi * R^2} = \frac{5.5mW}{\pi * (20cm)^2} = 4.3 \mu W/cm^2 \quad (\text{Limit} = 457 \mu W/cm^2)$$