

Groenlo, 25 June 2013

Declaration on radiation safety standard conformance

Return address: PO Box 6, 7140 AA Groenlo, The Netherlands

American Certification Body
Attn.: Mrs. M. Bosley
Certification Department
6731 Whittier Avenue, Suite C110
McLean, Virginia 22101
USA

We, N.V. Nederlandsche Apparatenfabriek "Nedap", declare that the following product:
Description : UHF Reader mounted in table at Point of Sales operating on 902-928 MHz
FCC ID : CGDSTOREIDP
Manufacturer : N.V. Nederlandsche Apparatenfabriek "Nedap"
Brand : Nedap
Model : !D POS Region 2

has a maximum conducted peak power of 29.2 dBm equals 832 mW. With an antenna gain of 3 dBi (2 x) this comes down to 1664 mW peak in the frequency range of 902 – 928 MHz. which means that the power density at 20 cm distance can be calculated as follows :

$$S = \frac{P_{\text{peak}}}{4 \cdot \pi \cdot R^2} \quad (\text{power density})$$

$$P_{\text{peak}} = 1664 \text{ mW}$$

$$S = \frac{P_{\text{peak}}}{4 \cdot \pi \cdot R^2} = \frac{1664}{4 \cdot \pi \cdot (20\text{cm})^2} = 0.331 \text{ mW/cm}^2 \quad \text{The limit is } 1.0 \text{ mW/cm}^2$$

This means that according to OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01), the equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of 47 CFR Part 15.247 (b)(5).

N.V. Nederlandsche Apparatenfabriek "Nedap"



Jacques Hulshof
Approval Management

N.V. Nederlandsche Apparatenfabriek "Nedap"
Parallelweg 2
NL-7141 DC Groenlo
P.O. Box 6
NL-7140 AC Groenlo

T +31 (0)544 471 111
F +31 (0) 544 463 475
E info@nedap.com
www.nedap.com

Traderegister 08013836
ABN-AMRO 59.16.32.330
IBAN NL83ABNA0591632330
BIC ABNANL2A
VAT NL006456285B01