

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

Subject: Statement requirements modular approval FCC Part 15.212 Groenlo, 11 August 2013

Dear Mrs. Bosley,

Pursuant to section 0.457(d)(2)(i) and Section 0.459 of the FCC rules we herewith request the following exhibits, related to this application for


FCC ID : CGDLW245A
Applicant : N.V. Nederlandsche Apparatenfabriek "Nedap"
Brand : Nedap
Model : Luxon Wireless 245A
FCC ID : CGDLW245A
Type of service : New application, Limited Modular approval

We would like above product have approved as a modular approval specific to FCC Part 15.212 Limited Modular Transmitter Unlicensed Approval for low power transmitter modules for use in Nedap's host devices:

The requirements of the FCC Part 15.212 are met as follows:

1. The modular transmitter nRF2401A on the Luxon Wireless 245A module has an own RF shielding in order to be compliant to the FCC rules. See Exhibit "08_Photo Report Int CGDLW245A.pdf".
2. The modular transmitter nRF2401A has buffered data inputs with a buffer of maximum 256 bits and a maximum data rate of 1000 kbps see page 10 of exhibit "19_Blockdiagram Nordic nRF2401A CGDLW245A.pdf".
3. The modular transmitter nR2401A has its own power supply regulation for its RF circuits and requires an input voltage of 3.3 Vdc. The voltage is derived from the input voltage of the LW245A module, via an LC filter.
4. An integral antenna is applied see exhibit "04_Antenna information CGDLW245A.pdf".
5. The EUT was tested stand alone, powered by an external 3.3Vdc source.
6. An exhibit label (including FCC ID) has been included in the exhibits "10_Label location_artwork CGDLW245A.pdf". This device is only installed in Nedap's end products and "14_Installation manual Luxon Wireless CGDLW245A.pdf" shows and instructs in what manner the end product needs labeling.
7. The Luxon Wireless 245A is compliant with all applicable FCC rules. Instructions for maintaining compliance are given in the "14_Installation manual Luxon Wireless CGDLW245A.pdf".
8. The Luxon Wireless 245A is compliant with all applicable RF exposure requirements for transmitter devices.

N.V. Nederlandsche Apparatenfabriek "Nedap"


Jacques Hulshof
Approbation officer

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