TÜV Rheinland EPS B.V.

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Precisely Right.

Return address: P.O. Box 15, 9822 ZG Niekerk, The Netherlands

ATCB
Attn.: Mr. Richard Fabina
Examination Engineer
6731 Whittier Avenue, Suite C110
McLean, Virginia 22101
USA

Smidshornerweg 18
P.O. Box 15
9822 ZG Niekerk
The Netherlands

www.tuv-eps.com

T +31 594 505005
F +31 594 504804
E info@tuv-eps.com

Subject
Cover letter

Date
September 01, 2009.

Our reference
17b_CU_ATCB007918_comments-and-answers

Your reference
ATCB007918

Page
1 of 1

Dear Mr. Fabina,

Related to your comments based on our request for certification for the following product,

FCC ID	: CGD-SF-CU
IC	: 1444A-SFCU
Brand	: Nedap
Model	: Control Unit
Description	: 2.4 GHz Wireless Control Unit

we would like to provide you with the following information:

Question 1:
The revised IC test report does not have peak detector radiated emission measurement results for emissions above 1000 MHz for this device in the receive mode. Only average detector measurement results are provided. Please provide peak detector radiated emission measurements above 1000 MHz with this device in the receive mode since there are peak and average limits above 1000 MHz.
Answer 1:
It seems that the current versions of RSS-Gen and RSS-210 do not specifically state that there is a peak limit on receiver emissions above 1000 MHz. The last sentence of Section 4.10 (Receiver Spurious Emissions) of RSS-Gen Issue 2 states “Above 1 GHz, measurements shall be performed using an average detector and a resolution bandwidth of 300 kHz to 1 MHz.”

Question 2:
The revised IC test report still has an error in Note 10 on page 13 of the revised test report. This note states that a resolution bandwidth (RBW) of 120 kHz was used for peak detector radiated emission measurements above 1000 MHz. This does not agree with Section 4.2 of ANSI C63.4-2003 which specifies a 1 MHz resolution bandwidth (RBW) for radiated emission measurements above 1000 MHz. Please correct the test report or measure radiated emission measurements above 1000 MHz with the correct RBW.
Answer 2:
After correcting this for fcc report i simply forgot to correct this for IC, this is now corrected. (see 13_1444A-SFCU_ic01_report_rev02.pdf).

Question 3:

Please correct the following on the IC application form because IC reviews the application form for accuracy:
(a) The level of the transmitter spurious (worst case) emission should be 56.9 dBuV/m @ 3m as shown on page 12 of 21 of the revised test report (I'm using peak values since this is how you reported the field strength),
(b) Please provide a value for the receiver spurious (worst case) emission on the application form. Currently this section is blank. Be sure any value entered agrees with the peak value reported as mentioned in item 1 above.

Answer3:

(a) This is corrected in the revised IC applicationform (see 03_1444A-SFCU_IC-Application_Rev03.pdf).
(b) Not applicable as discussed in the Answer 1 on Question 1.

Question 4:

For Your Information – I have contacted Ms. Marianne Bosley to have the address for Grantee Code CGD corrected. If she needs any information to accomplish this correction, she may be contacting you since you are listed as the agent on this application.

Answer 4:

Thanks for the information, i will be available for any contact when necessary.

Best regards,
TÜV Rheinland EPS B.V.

R. van der Meer
Test Engineer