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ATCB
Attn.: Mr. Noble
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Subject
Comments&Answers

Date
September 14, 2009.

Our reference
17_ATCB008092_comments-
and-answers

Your reference
ATCB008092

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Our General Terms and
Conditions, as filed at the
Chamber of Commerce in
Groningen, are applicable to all
orders given to TÜV Rheinland
EPS B.V.

TÜV Rheinland EPS B.V. is
registered at the Chamber of
Commerce in Groningen with
no. 27247331.

Dear Mr. Noble,

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

FCC ID : S5750025034 !!! and not S5759925034 as in your document
IC ID : 5371-50025034
Brand : Honeywell Enraf
Model : 50025034

we would like to provide you with the following information:

Industry Canada

Question 1:

*Please provide label location photo. Note - label must have model number and
manufacturer name along with IC number for all Industry Canada applications.*

Answer 1:

See uploaded document: Label Info.pdf for label location
However IC has lower priority than FCC and if changes need to be made for IC
than that will be done in due time.

Question 2:

*Please provide RF Annex A and B for upload to Canada. This is a required upload
please see IC letters attachment.*

Answer 2:

These have already been provided with the original certification back in 2006, is
it really necessary to do that again with this change? Since Radioboard and
antenna's used are still the same.
However IC has lower priority than FCC and if changes need to be made for IC
than that will be done in due time.

Question 3:

*Please provide REL Listing letter for IC this is also a required upload. Please see
IC letters attachment.*

Answer3:

However IC has lower priority than FCC and if changes need to be made for IC
than that will be done in due time.

Question 4:

Please provide ATCB RSP 100 completely filled out with all information. Make sure model number is the same as the Label. See attachments..

Date

September 14, 2009

Answer 4:

However IC has lower priority than FCC and if changes need to be made for IC than that will be done in due time.

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17_ATCB008092_comments-and-answers

Your reference

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FCC

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Question 1:

Please provide a Label location photo for label exhibit.

Answer 1:

See uploaded document: Label Info.pdf and 04_S5750025034_Label_Info.pdf for label location on the Radioboard itself and of the label location as placed on the device (FCC ID: LOM990SRFL) the Radio board is intended to be built in. Please note that the label location of the FCC ID: LOM990SRFL has not changed from the original location since the LOM990SRFL was certified.

Question 2:

Please provide a RF Exposure Exhibit with MPE calculations showing aggregate power density of the co-located transmitters. All 15.247 applications must have a RF Exposure exhibit with either MPE calculations for mobile or SAR reports for portable applications.

Answer 2:

The MPE calculations were already provided with the original certification of the FCC ID: S5759925034 and antenna's used are still the same. However as stated in Question 3 below, the output power is half the value as the original so the MPE values will be even lower than the original. A new MPE calculation would there for be unnecessary, if you however still want one i will provide one.

Question 3:

The power level in the EMC report does not match the power level listed on the Form 731. The power levels need to be within 0.5 dB of the original power level or a new application in needed according to FCC training. The 731 and original grant show 0.1138 watts and the EMC report shows 0.0563 watts conducted. Please explain.

Answer3:

Beyond my knowledge the applicant uses in the line of the output connector and antenna a Lightning Surge Arrestor and a slightly longer RF-cable. The insertion loss of the inserted Lightning Surge Arrestor (Altelicon or L-com, or equivalent part): 0.5 dB and attenuation of cable between smartradar and actual antenna = 1 dB. Together, give or take a few percent due to tolerances, this causes the difference in power.

Best regards,
TÜV Rheinland EPS B.V.



R. van der Meer
Test Engineer