

TNO Electronic Products & Services (EPS) B.V.



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

ATCB
Attn.: W.H. Graff
Certification Department
6731 Whittier Avenue, Suite C110
McLean, Virginia 22101
USA

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

www.tno-eps.com

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

Subject
Integrated Engineering
P4E-SMARTPIN-8

Date
September 25, 2007

Our reference
07053104.B23

Your reference
Integrated Engineering

Page
1 of 1

Dear Mr. W. H. Graff,

Please find our response on your questions related to our filing for our customer Integrated Engineering related to P4E-SMARTPIN-8

Your question:

1.) Please indicate where I may find both the 15.21 Information to User and the 15.19(a)(3) two-part compliance statements. Your label Exhibit indicates this information may be found in the Manual – if so kindly show me where it may be found.

Our response:

A modified Manual has been added. The proper 15.21 text has been added on page 8 just under the 15.19(a)(3) two-part compliance statements.

2.) The Manual on page 4 appears to indicate that this device can work equally well with 125KHz as well as 13.56MHz devices. Does this also contain a 125KHz unlicensed Intentional Radiator? If so, kindly correct your Application and all Exhibits.

Our response:

This is a modular system. It will be possible to add modules for 125 kHz cards in the future. The version as uploaded is a 13.56 MHz version only. See test reports for details.

3.) The Label exhibit is incorrect. The proper format is to show 'FCC [space] ID:’ in capital letters only followed by the FCC identifier – all on one line. The identifier can only consist of capital letters and numbers plus a [-] dash. You are required to correct your label

Our response:

The label has been corrected (see also the label position). The corrected document will be submitted.

4.) Unless you tell me otherwise, I will call this device an “RF ID Card Reader” on the Grant. Is this acceptable?

Our response:

Since all related products (see all P4E grants on the FCC site) are called “Inductive Proximity Card Reader” we would suggest to keep using the identification: “Inductive Proximity Card Reader”

5.) FYI: It is always helpful to provide some sort of occupied bandwidth spectrum plot in all Unlicensed radio equipment test reports. This is also a requirement recommended by ANSI C63.4. Kindly remember this detail for all future Test Reports.

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Our response:

Thank you for your suggestion. We will provide future test reports with these plots.

Best regards,

TNO Electronic Products & Services (EPS) B.V.

A handwritten signature in blue ink, appearing to read 'Pieter de Beer', is written over a faint, light blue circular stamp that matches the TNO logo.

Pieter de Beer
Quality & Approval Manager

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Page

2 of 2