

Photo report internal components

Anti-Pilferage System operating in the bands 125kHz and 7-8MHz

Brand: Nedap

Model: ASSY AD46R RF+MD

Author	RH
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Status	final

N.V. Nederlandsche Apparatenfabriek "Nedap"

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The Netherlands

Description of EUT

Description of EUT	Anti-Pilferage System operating in the band 7-8MHz
Manufacturer	Nedap N.V.
Brand	Nedap
Commercial name	Lumen iL45
Model	ASSY AD46R RF+MD
FCC ID	CGDADRRFMD
IC	1444A-ADRRFMD
Type of service	New Application

Applicant Information

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1. Overview AD46R RF+MD



2. Internal photo overview

2.1. Front view



LED/buzzer PCB and
customer counter

Antenna

Cover removed

125kHz Metal
detector



Renos 8.2MHz
Transmitter/Receiver and
controller PCB

2.2. Back view



Cover removed



Antenna matching PCB

2.3. LED/buzzer and customer counter top view



Transparent cover installed

2.4. LED/buzzer and customer counter top cover removed



Transparent white cover removed

2.5. LED/buzzer and customer counter top reflector removed



3. Renos transmitter/receiver and controller PCB

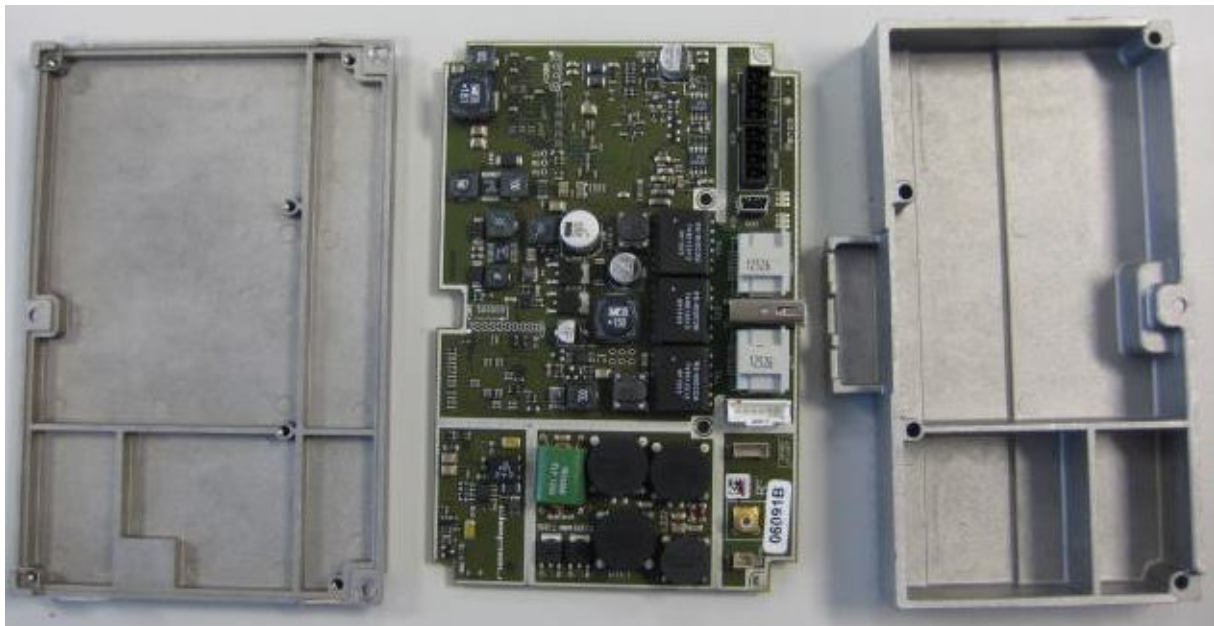
3.1. Complete top view with metal covers



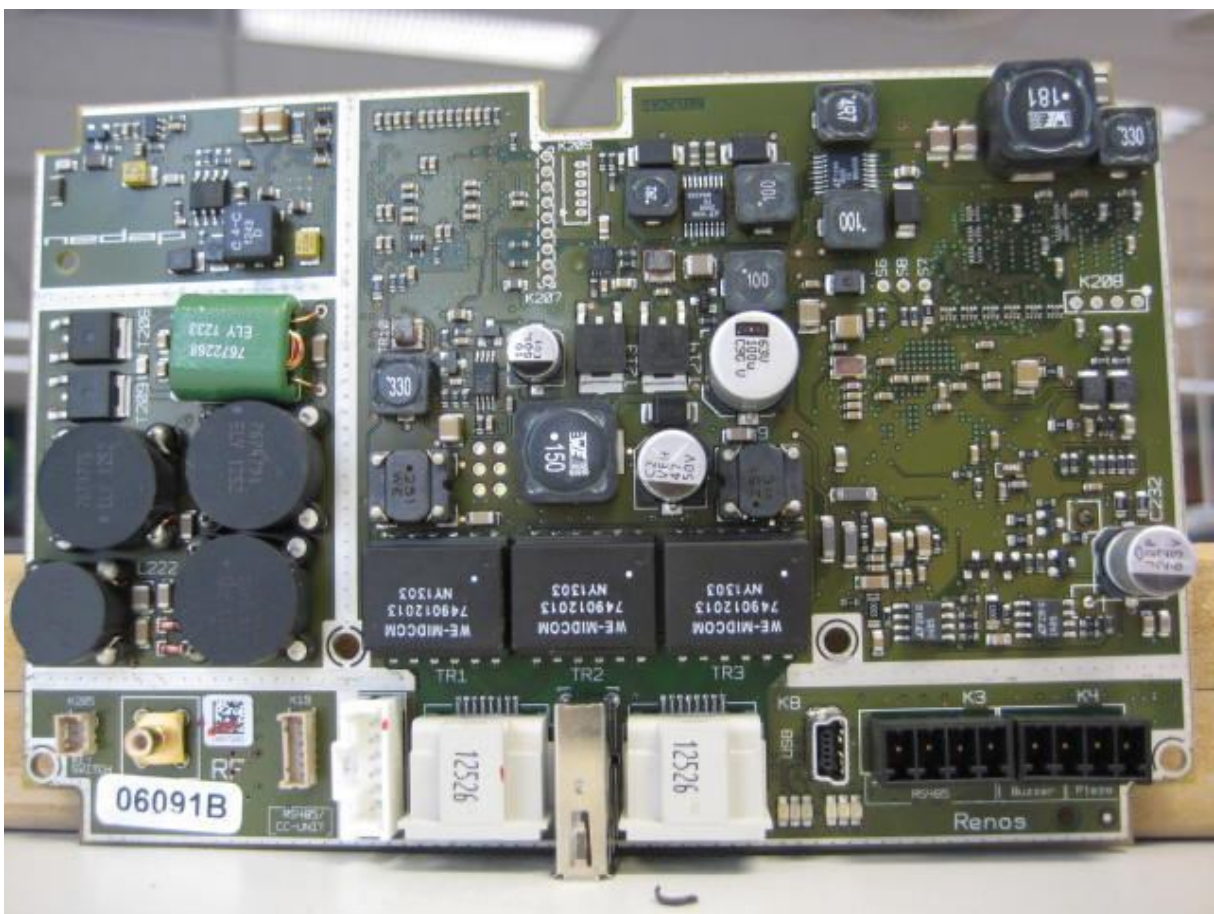
3.2. Back view with metal covers



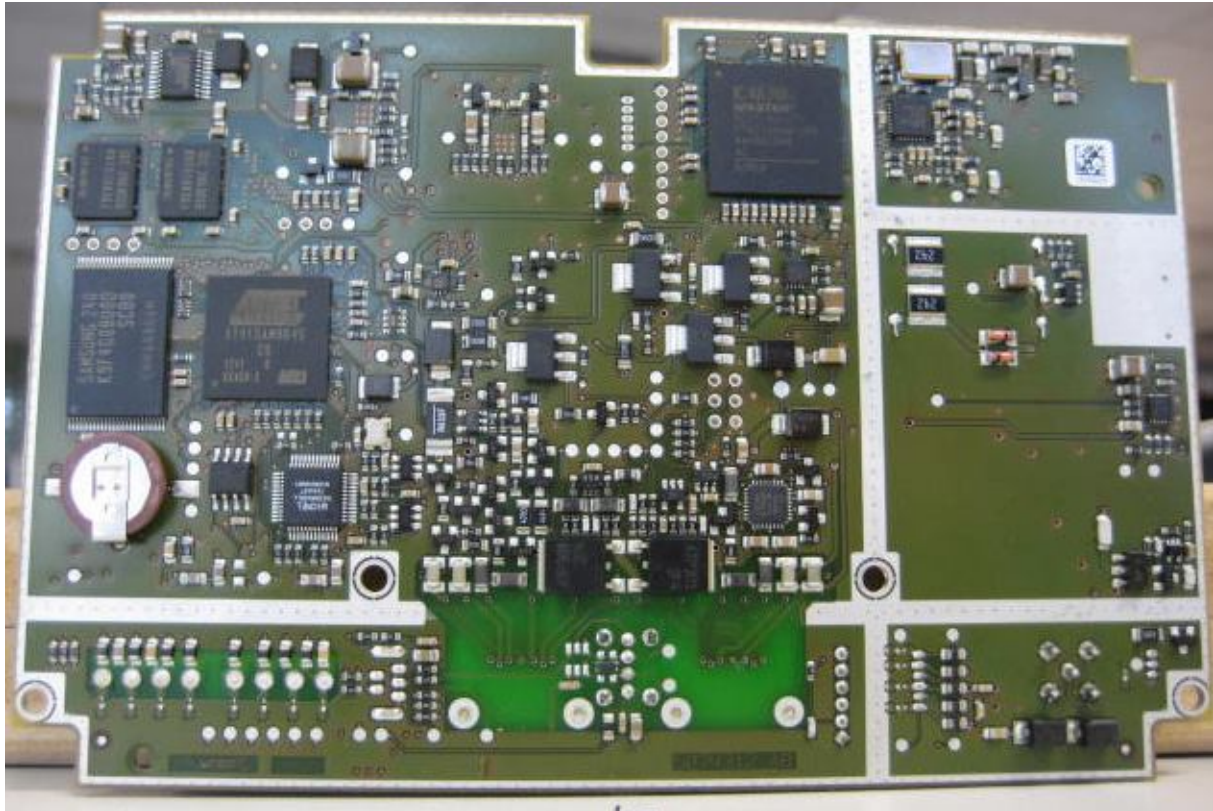
3.3. Renos with covers removed



3.4. Renos front side PCB

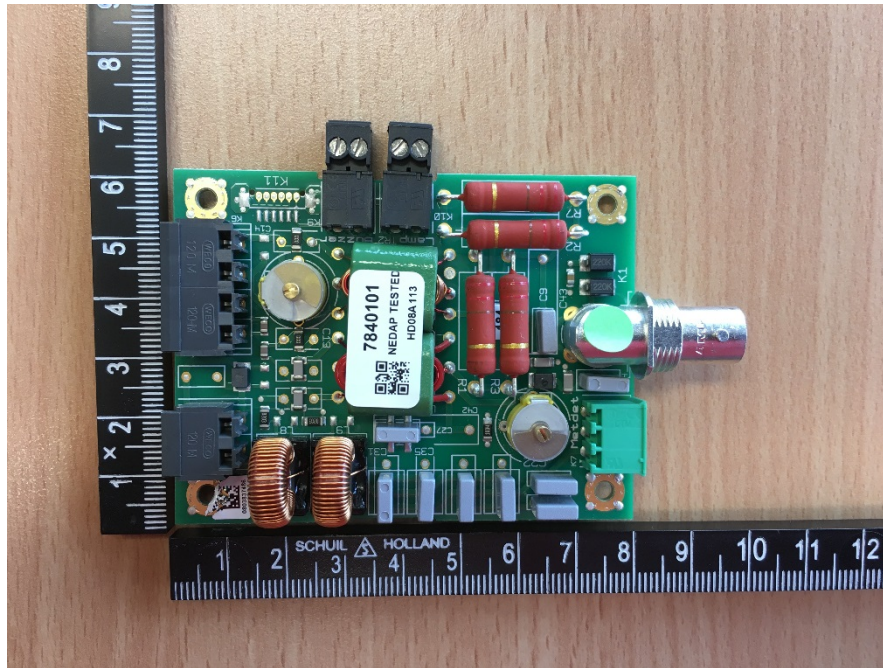


3.5. Renos back side PCB

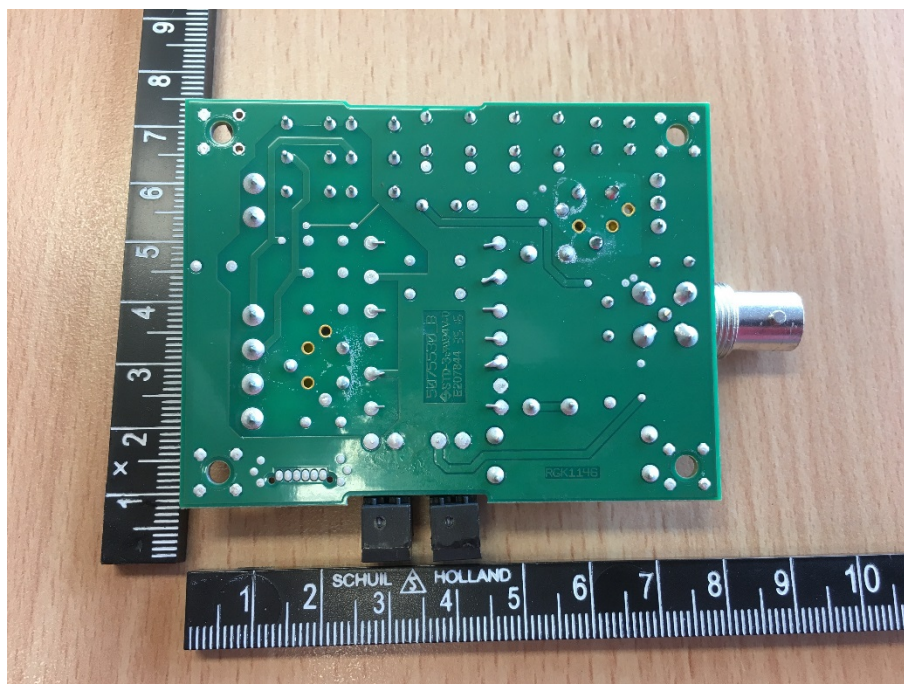


4. Antenna matching PCB

4.1. Front view

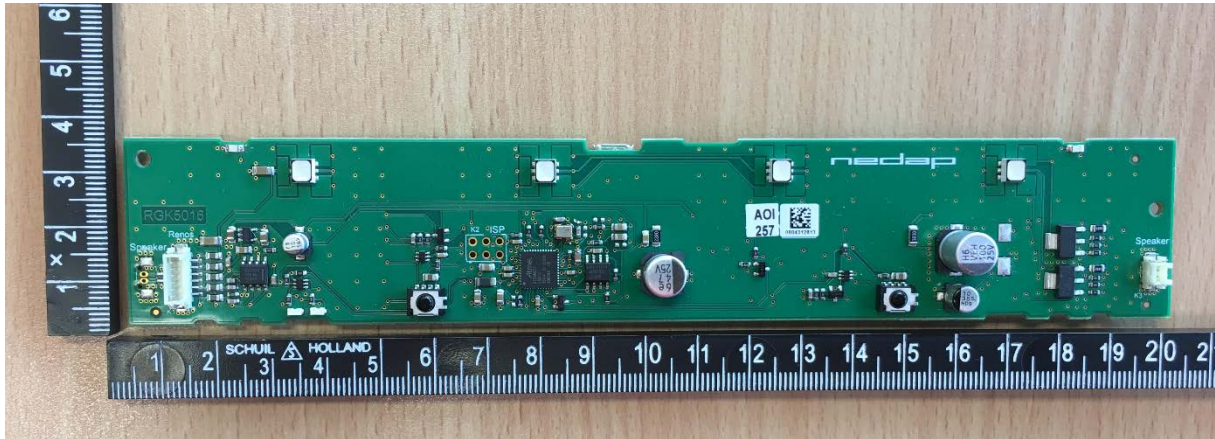


4.2. Back view

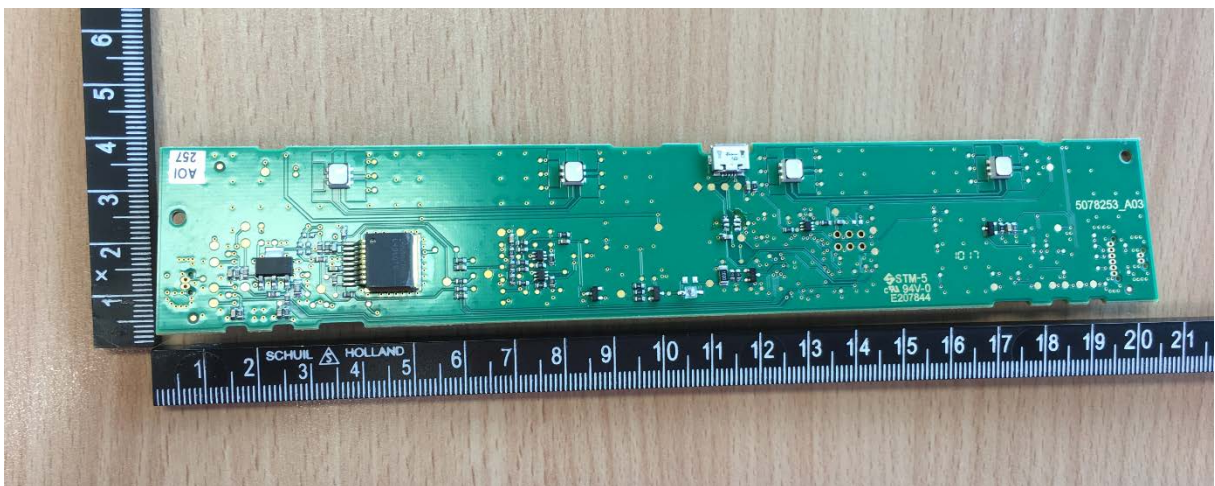


5. LED/buzzer and customer counter PCB

5.1. Front view



5.2. Back view

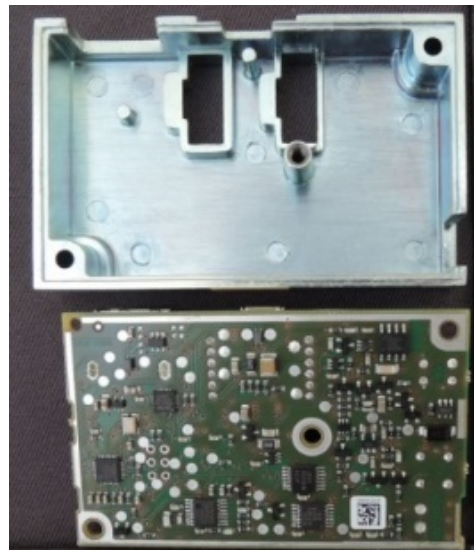


6. Metal detector

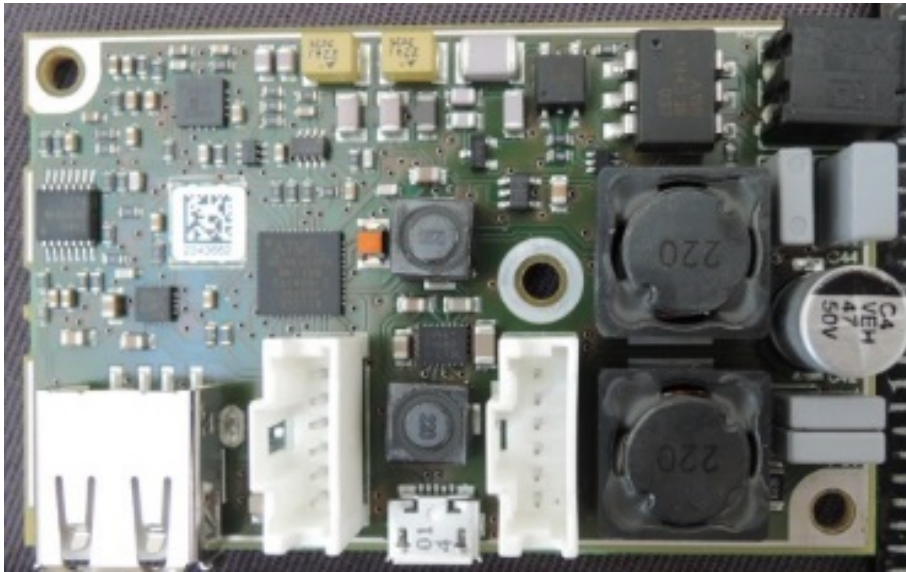
6.1. Total view with metal covers



6.2. Metal detector with covers removed



6.3. Metal detector front view PCB



6.4. Metal detector back view PCB

