

Photo report internal components

Inductive RFID Card Reader operating on 13.56MHz
Brand: Nedap
Model: PG45i

Author	RH
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Status	final

N.V. Nederlandsche Apparatenfabriek "Nedap"

Parallelweg 2
7141 DC Groenlo
The Netherlands

Description of EUT

Description of EUT	Inductive RFID Card Reader operating on 13.56MHz
Manufacturer	Nedap N.V.
Brand	Nedap
Model	PG45i
FCC ID	CGDPG45I135
IC	1444A-PG45I135
Type of service	New Application

Applicant Information

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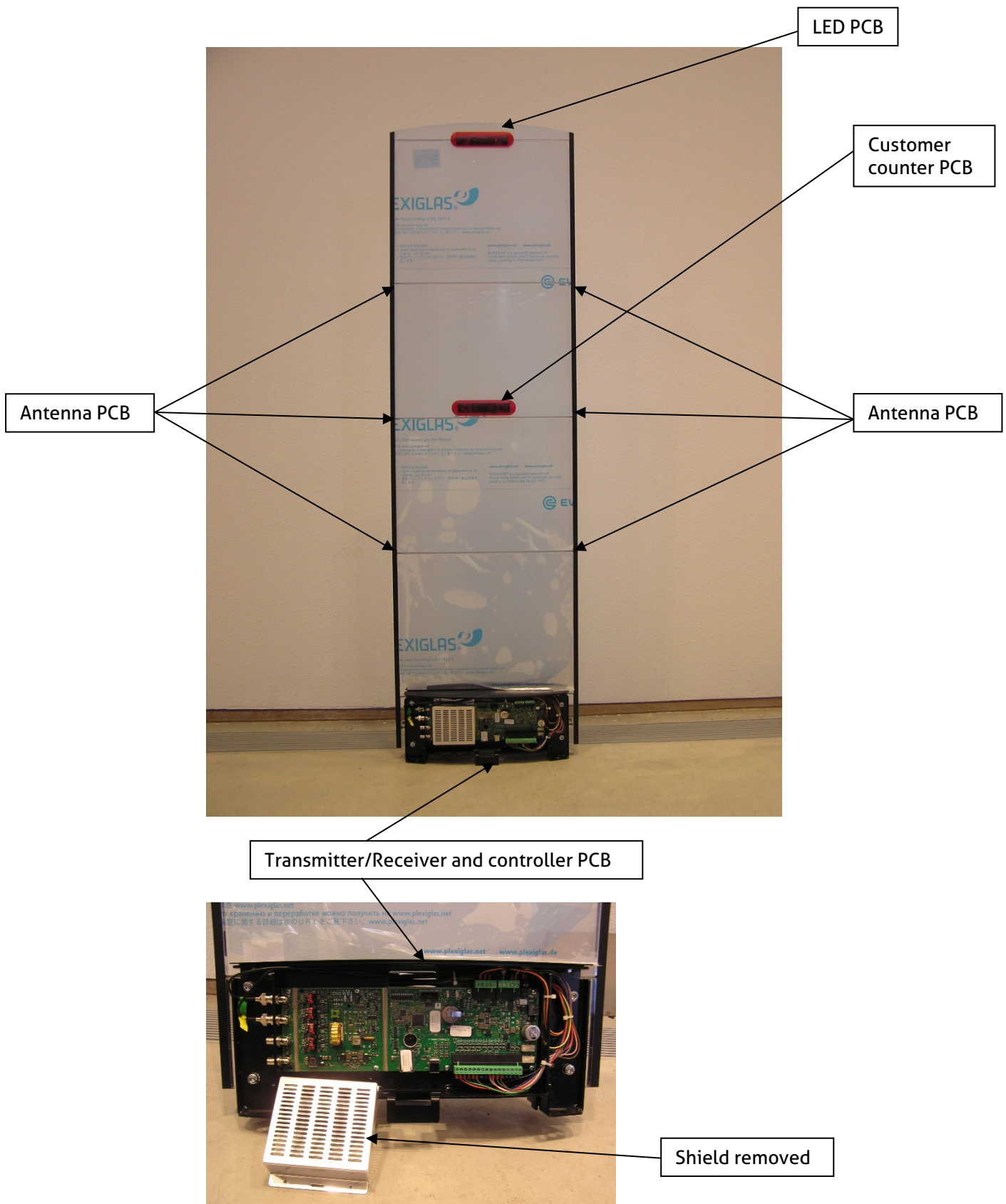
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1. Overview PG45i



2. Internal photo overview

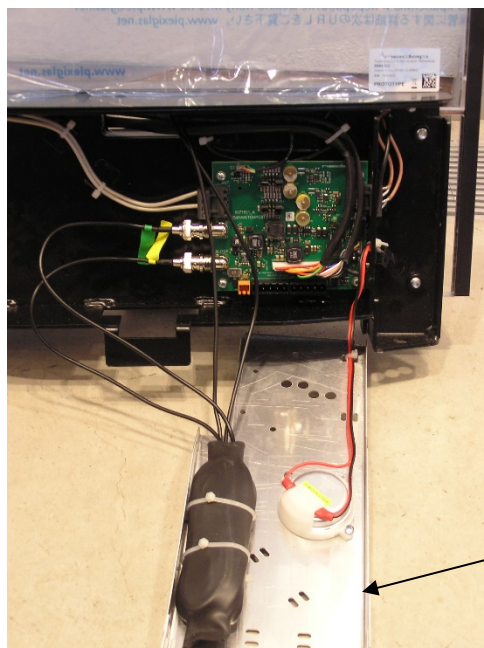
2.1. Front view



2.2. Back view



Antenna matching PCB
With shield



Shield removed

2.3. LED PCB



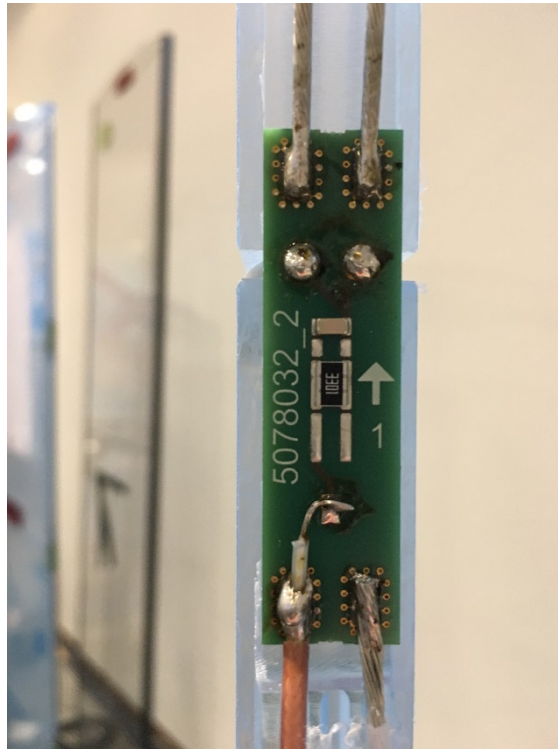
Transparent red cover removed

2.4. Customer counter PCB



Transparent red cover removed

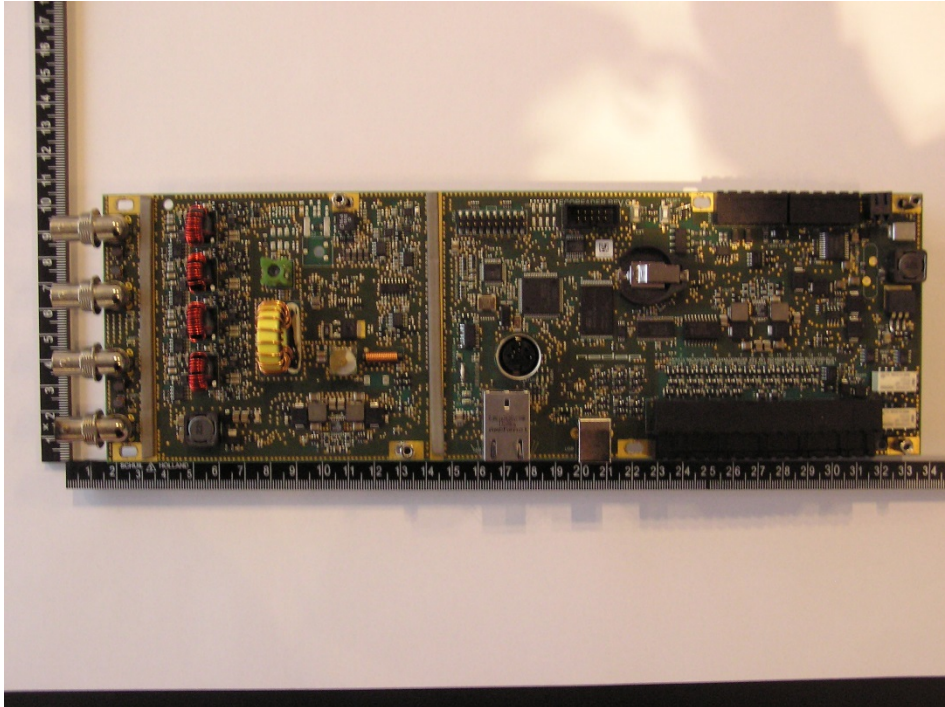
2.5. Antenna PCB



Antenna PCB (6 provided)

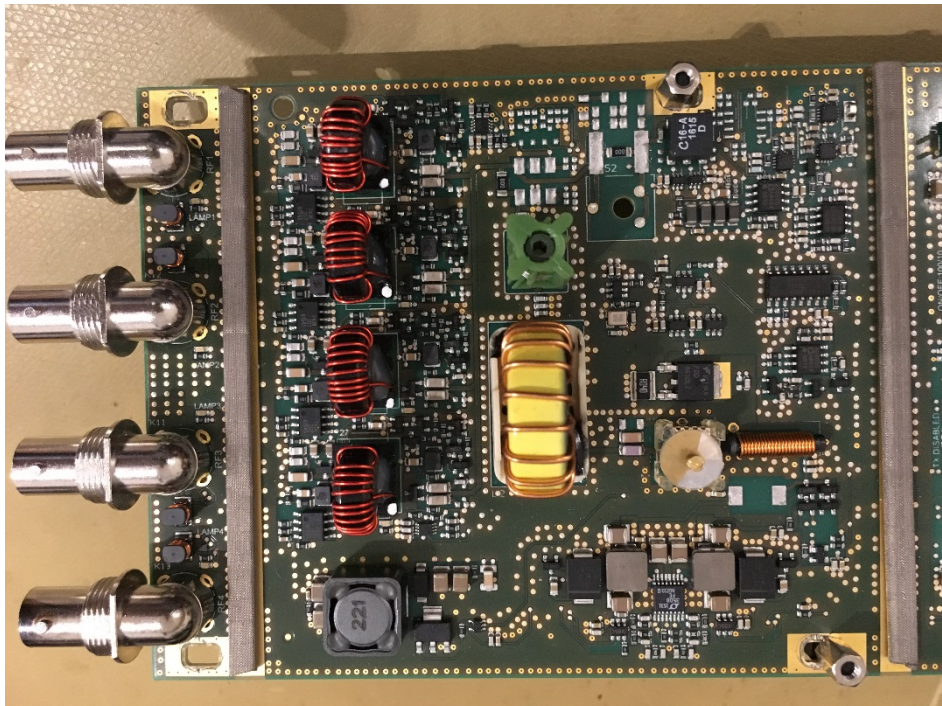
3. Transmitter/receiver and controller PCB

3.1. Front view



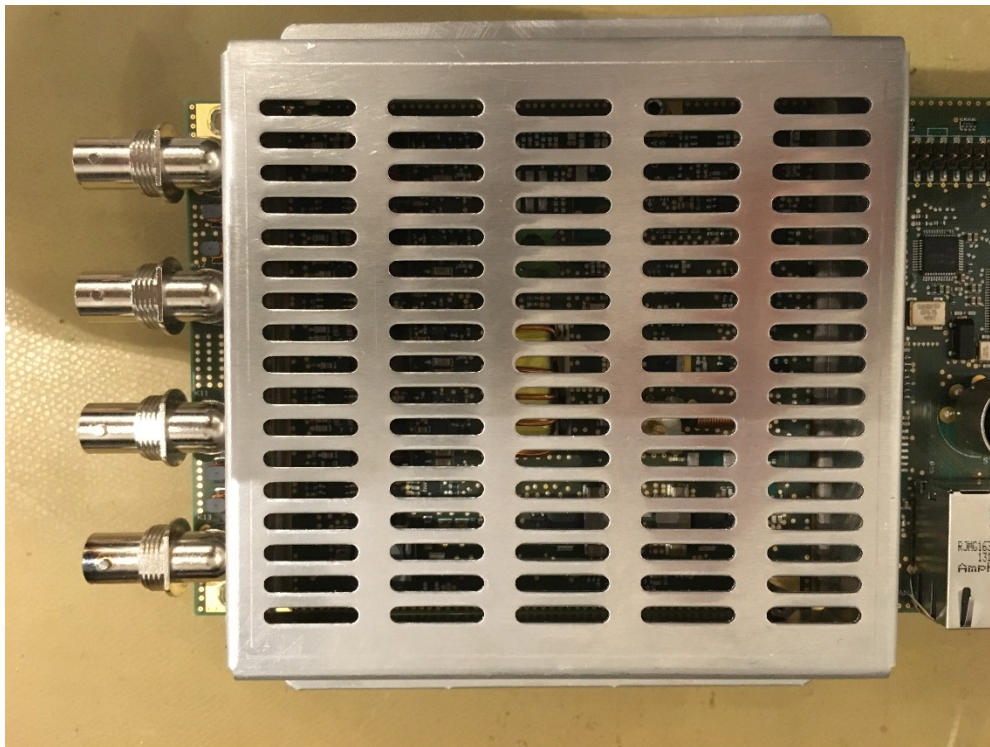
Shield removed

3.1.1. Detail 1



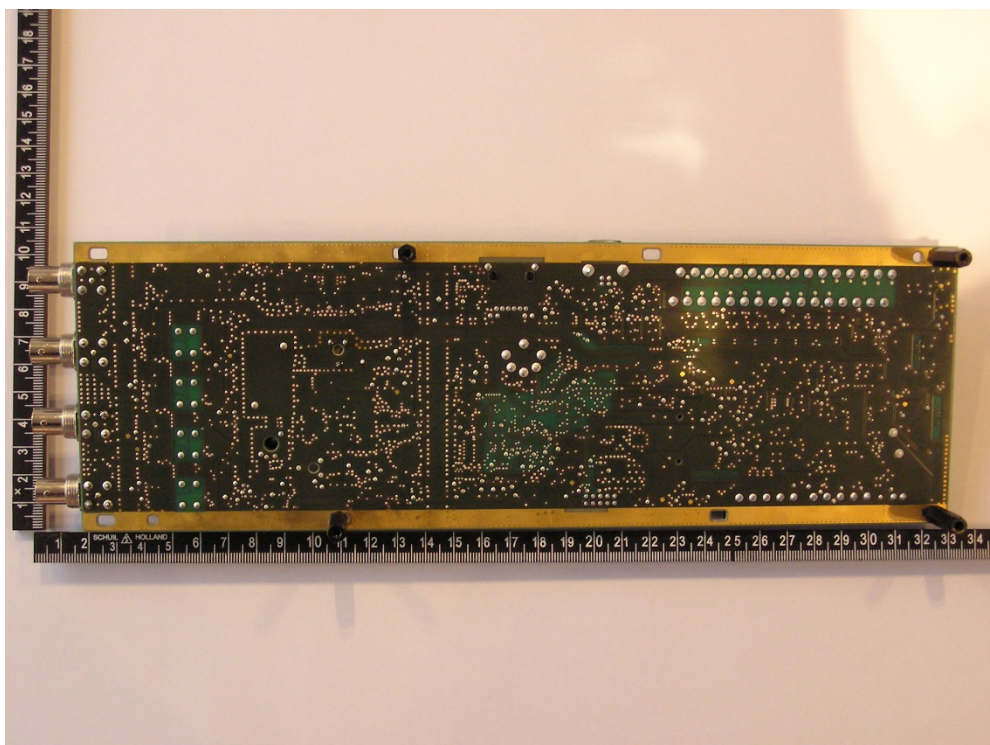
Shield removed

3.1.2. Detail 2



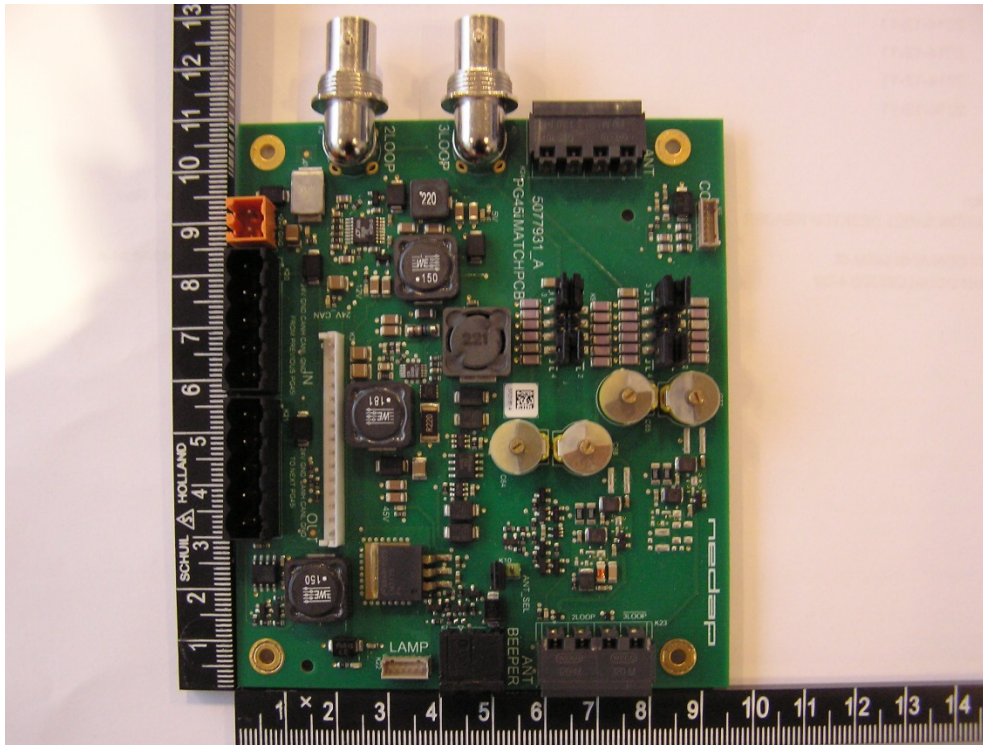
Shield installed

3.2. Back view

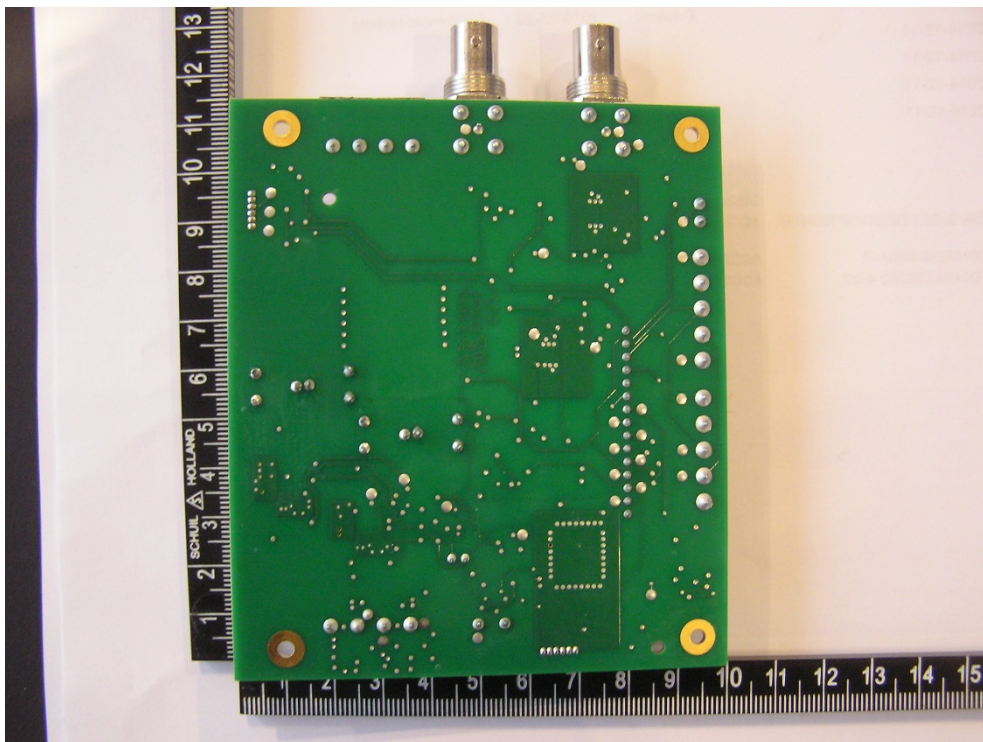


4. Antenna matching PCB

4.1. Front view

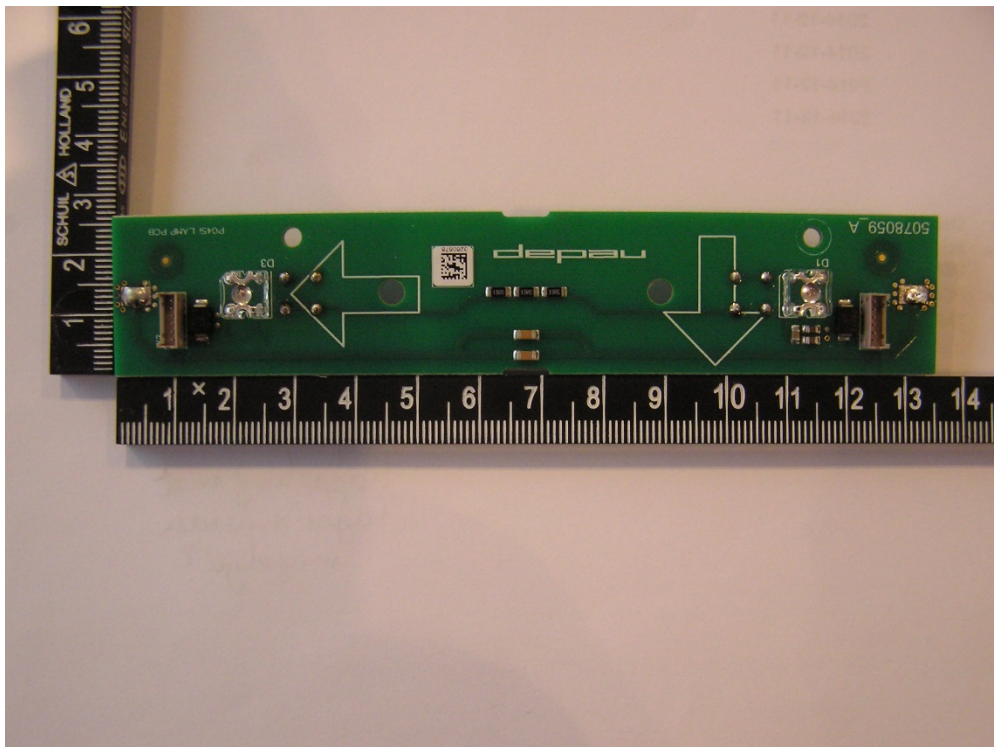


4.2. Back view

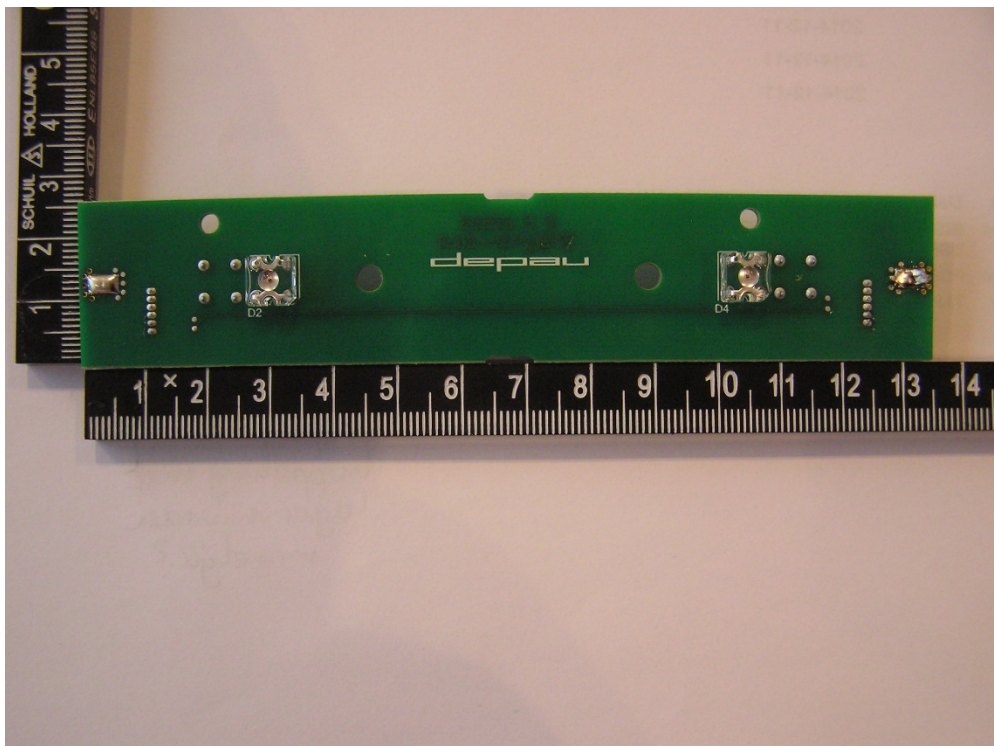


5. LED PCB

5.1. Front view

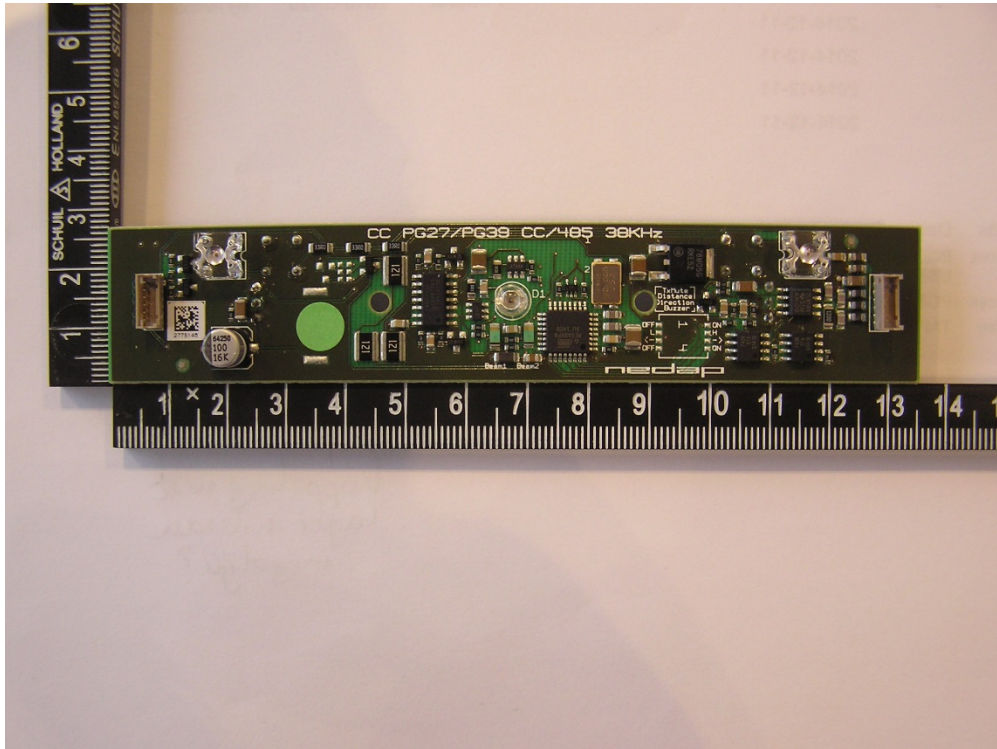


5.2. Back view



6. Customer counter PCB

6.1. Front view



6.2. Back view

