
**UHF Reader with antenna FL45-N operating on
902-928 MHz including an Anti Pilferage System
operating in the band 7.400 – 8.800 MHz and a metal
detection module operating on 125 kHz
Brand Nedap
Model: !D Gate Region 2
Interior Photographs**

Description of EUT: UHF Reader with antenna FL45-N operating on 902-928 MHz including an Anti Pilferage System
Manufacturer: N.V. Nederlandse Apparatenfabriek "Nedap"
Brand mark: Nedap
Model: !D Gate Region 2
FCC ID CGDSTOREIDG
IC 1444A-STOREIDG
Type of Application New Application

Description of item

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Applicant information

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1 External Photograph of the !D Gate Region 2



902-928 MHz antennae

Inductive EAS and MD antenna wiring

Transceivers, processing unit and RF-antenna adjusting board

NCC synchronization unit with PS

Power Inserter

2 Internal pictures

2.1 Front cover removed



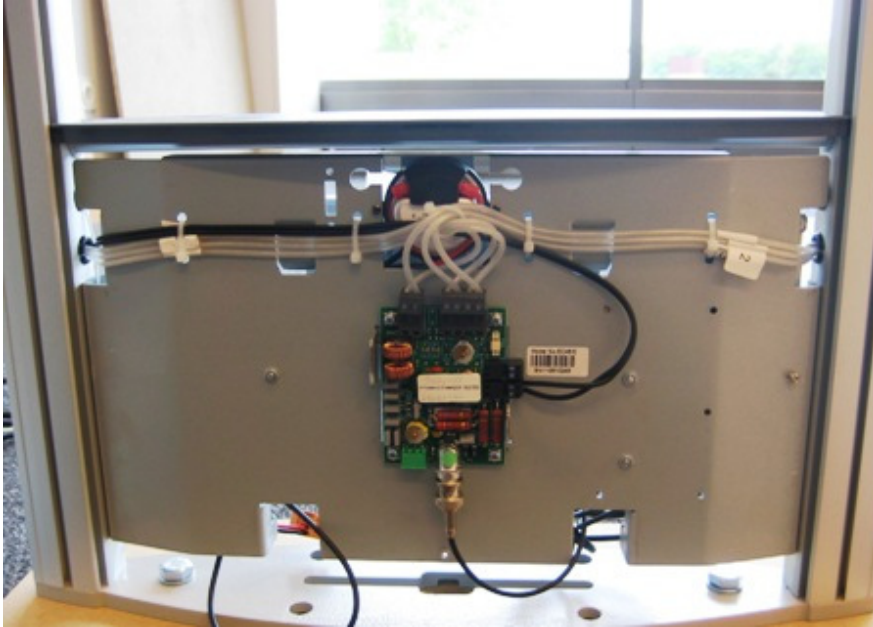
902-928 MHz Reader

Processing unit

EAS 8.2 MHz Transmitter and MD (Metal Detection) 125 kHz

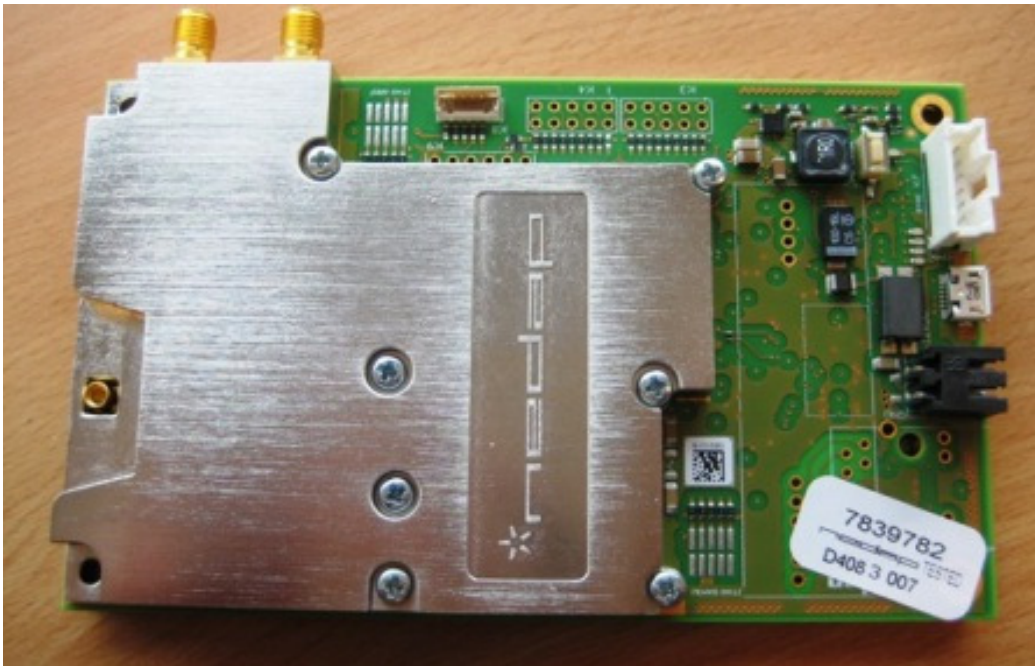
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2.2 Back cover removed, RF-Antenna adjustment board



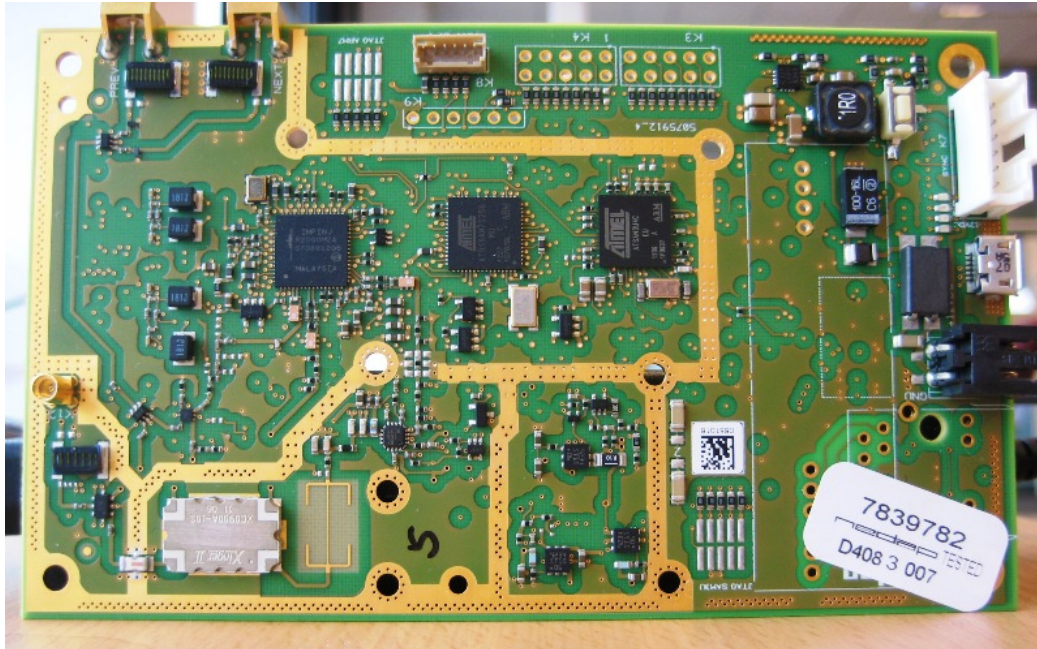
3 902-928 MHz transceiver

3.1 Front side with metal cover

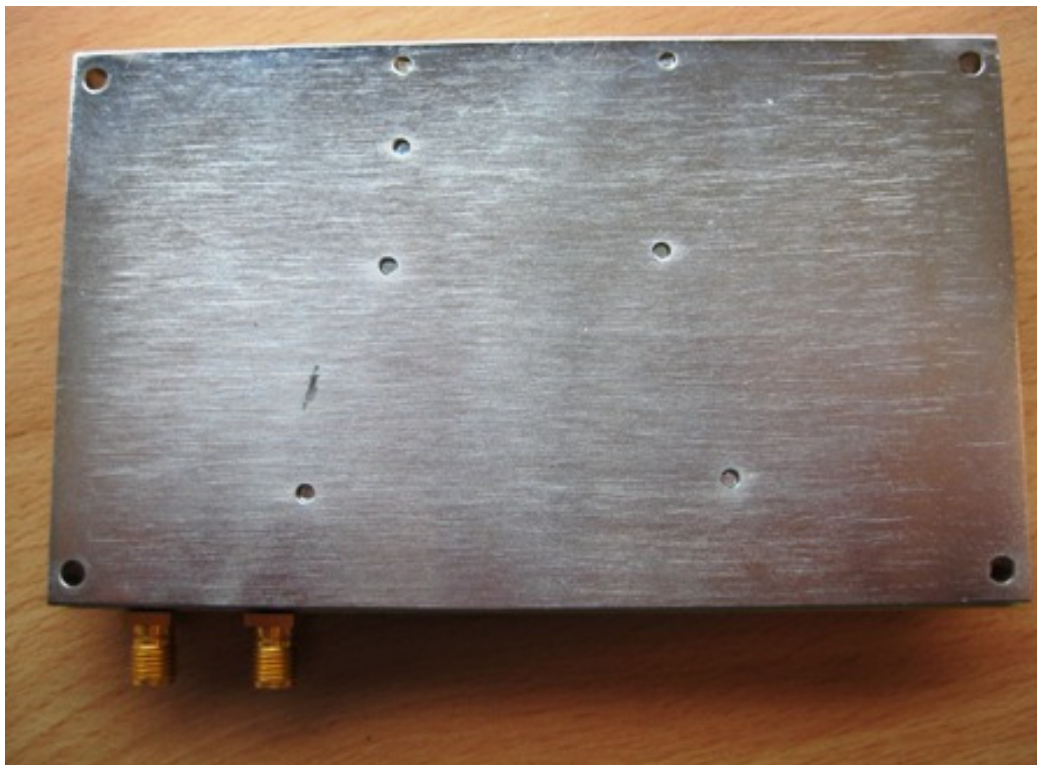


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3.2 Front side metal cover removed

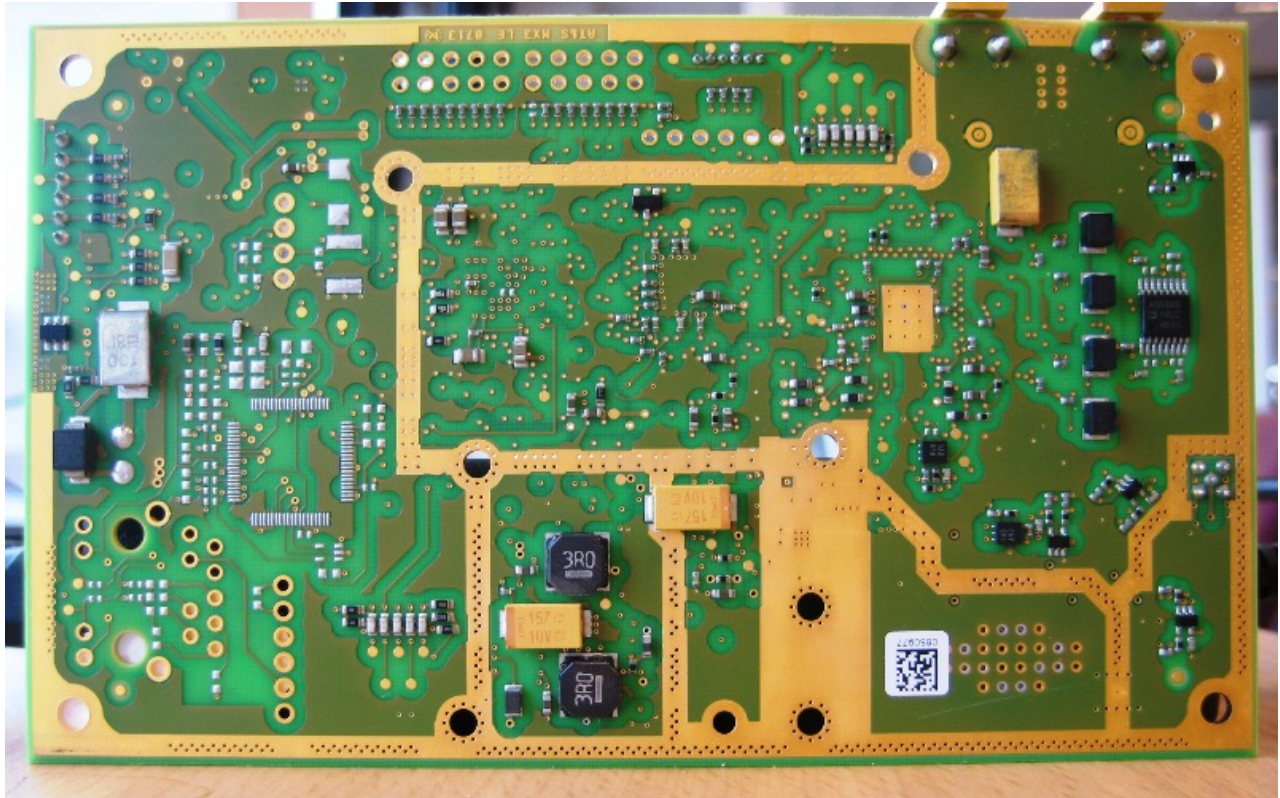


3.3 Backside with metal cover



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3.4 Backside metal cover removed



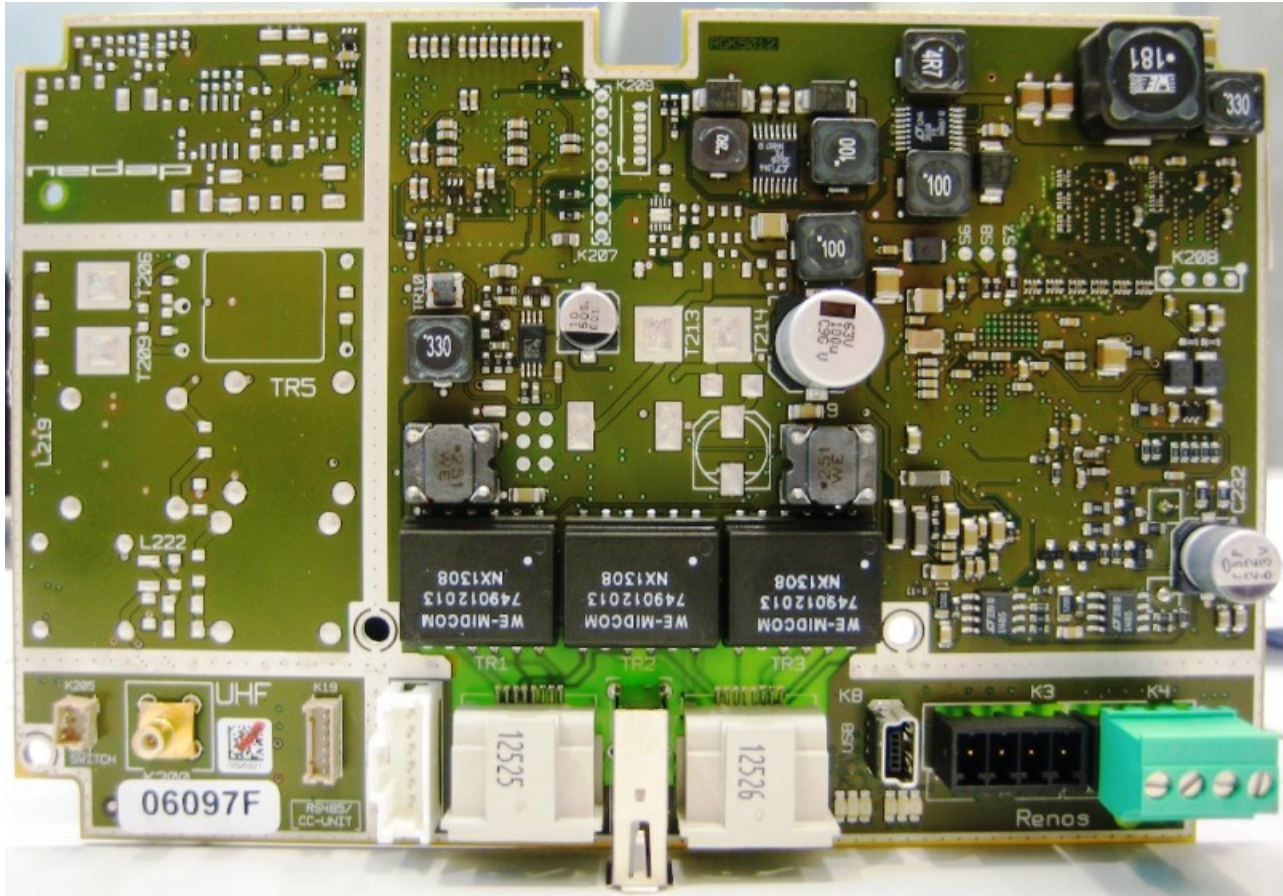
4 Processing unit

4.1 Front side with metal cover



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4.2 Front side metal cover removed

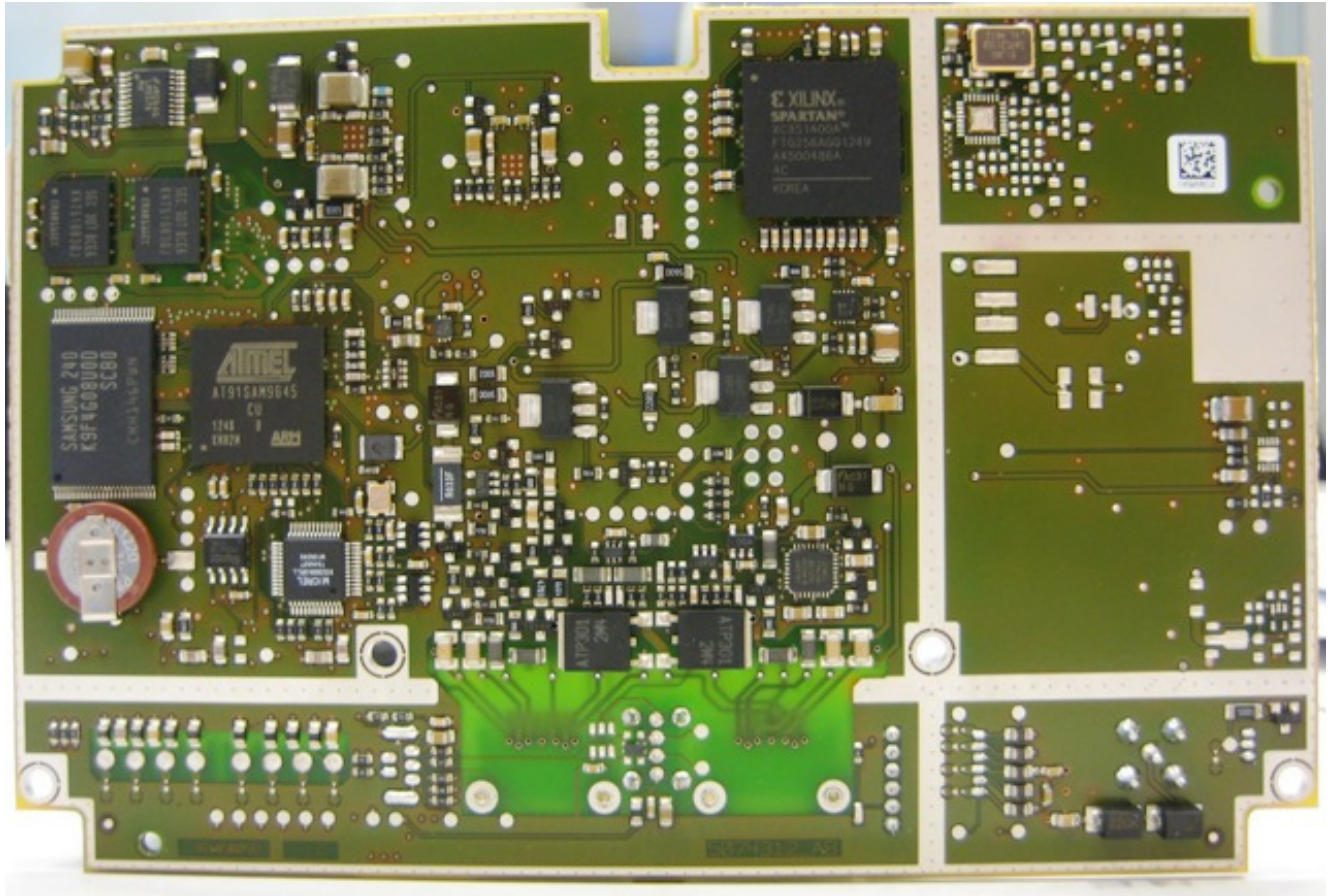


4.3 Back side with metal cover



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4.4 Back side metal cover removed



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5 Antenna information 902-928 MHz part

5.1 Antenna position



5.2 Antenna 902-928 MHz

5.2.1 Front side



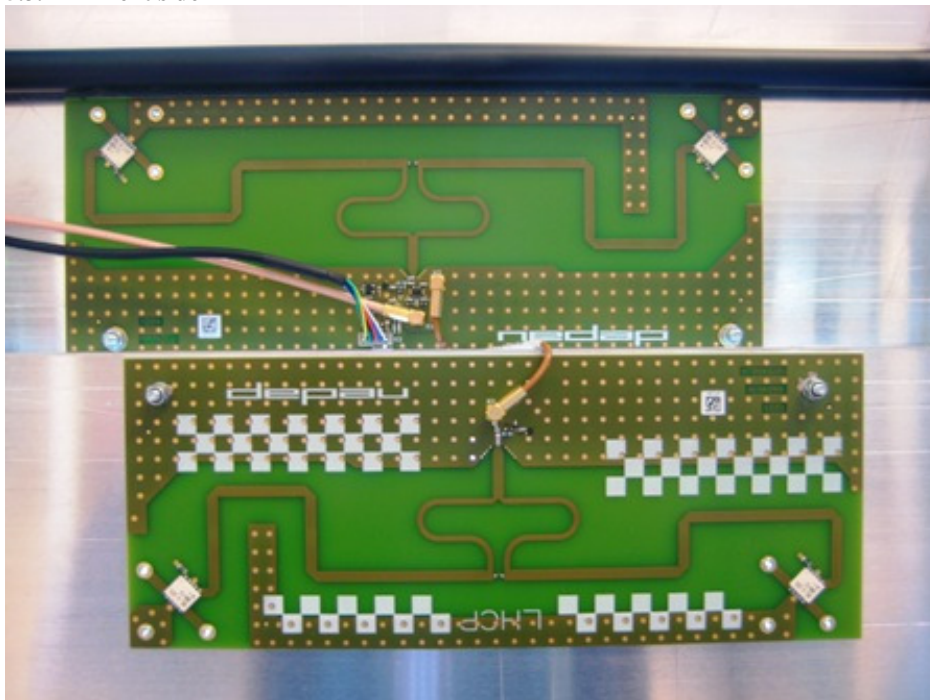
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5.2.2 Backside



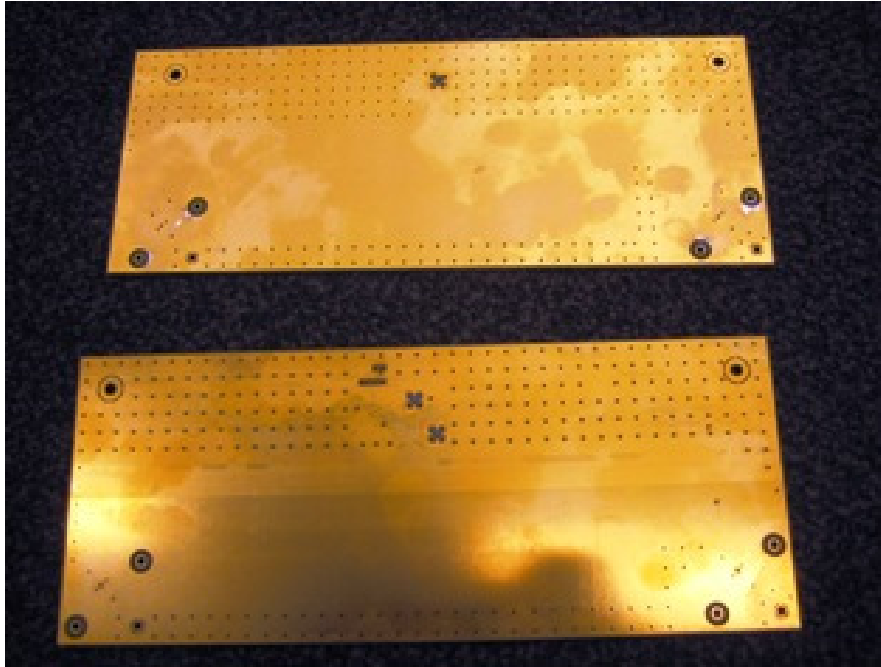
5.3 Antenna PCB

5.3.1 Front side



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5.3.2 Back side



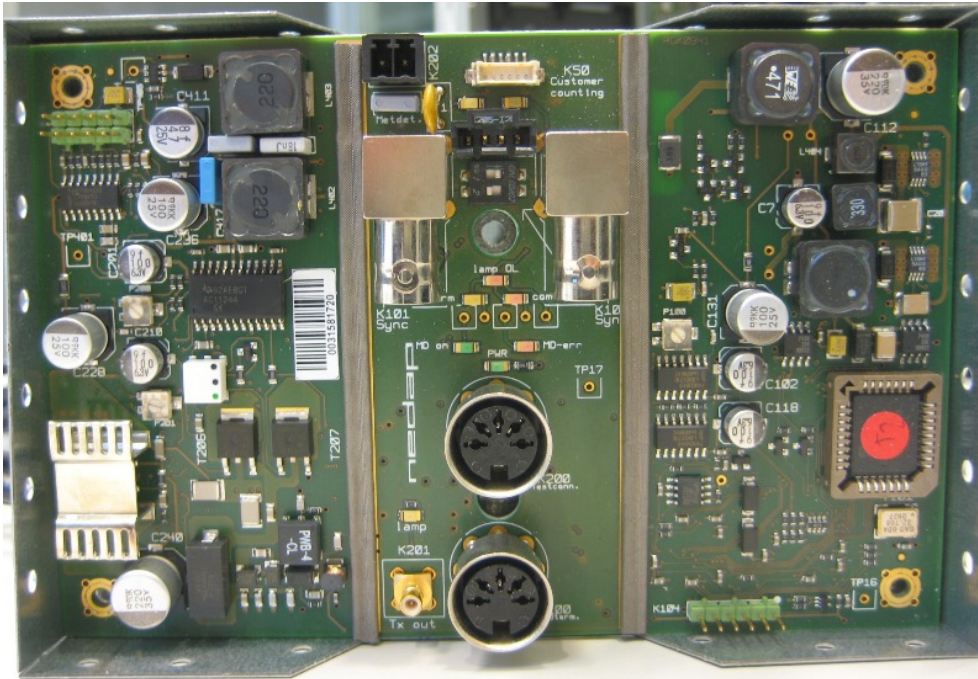
6 Overview EAS and metal detection transmitter Printed Circuit Board

6.1 In housing

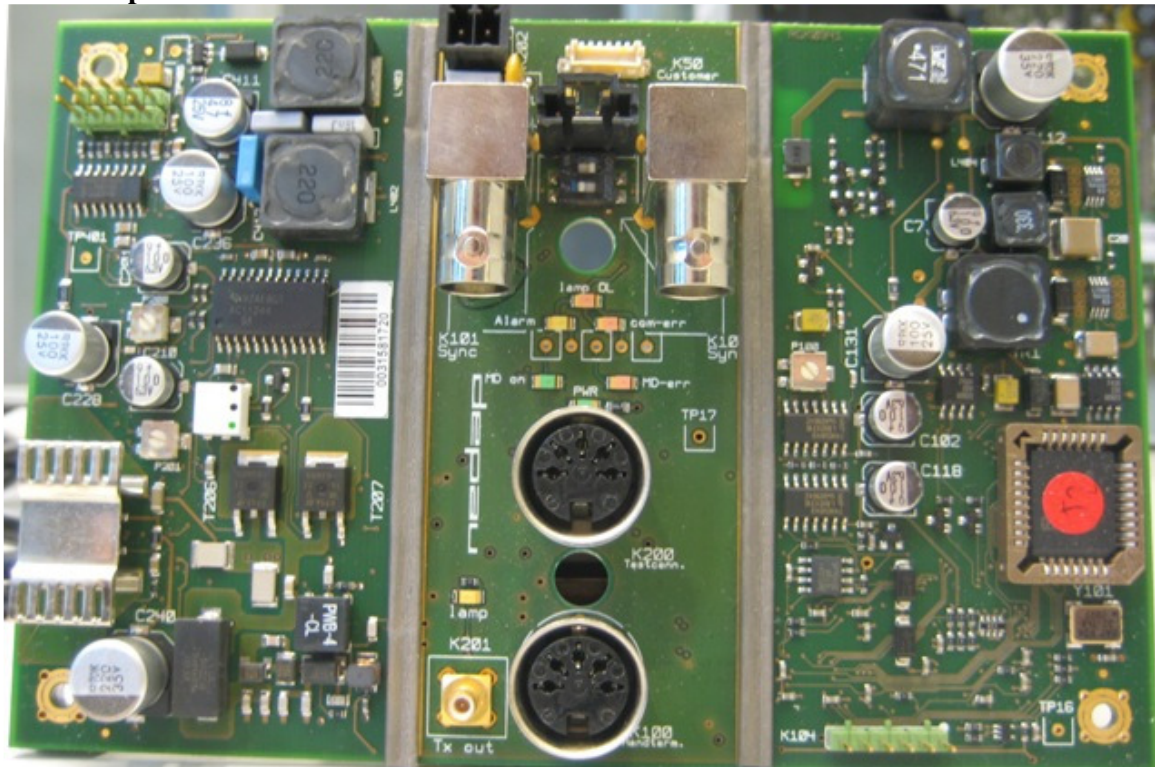


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6.2 Cover deleted

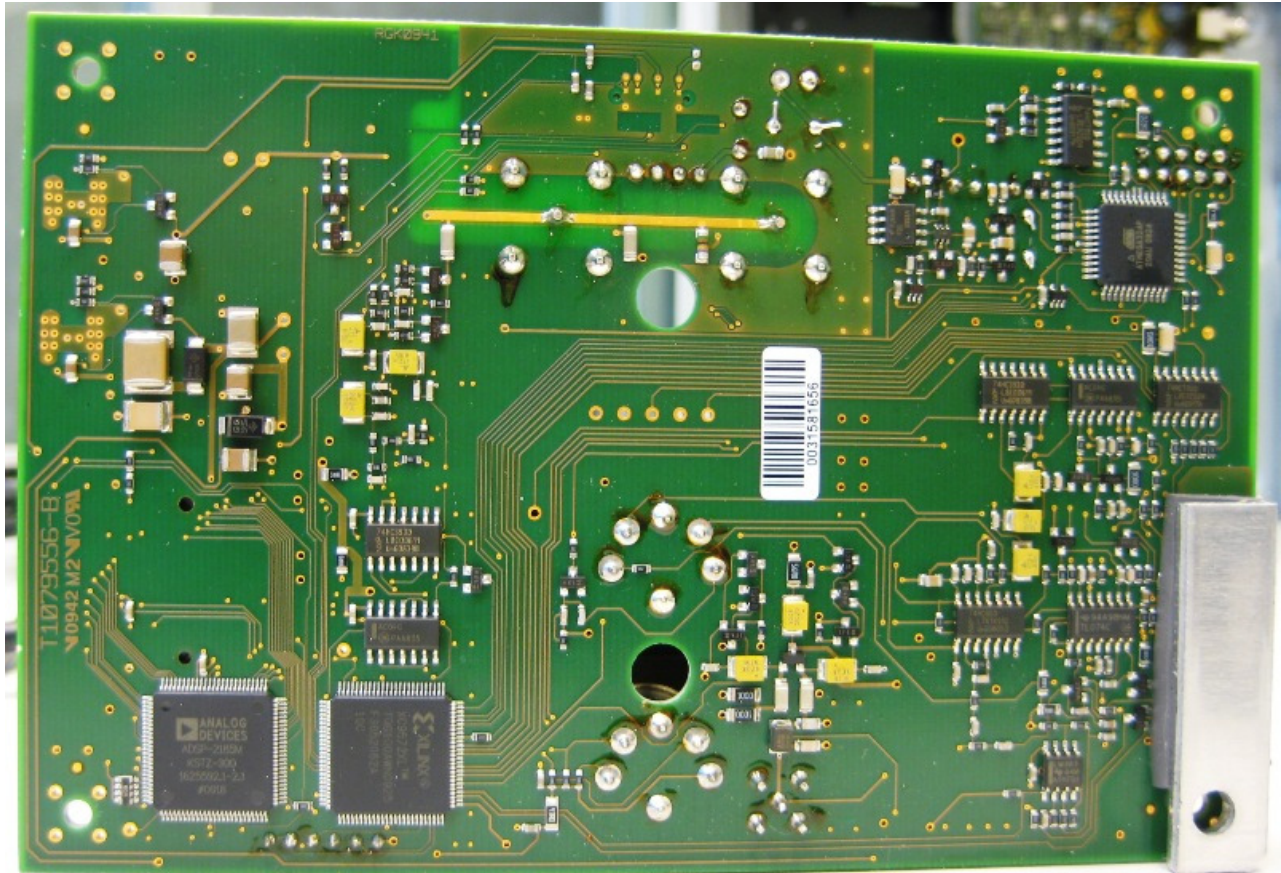


6.3 Topside PCB



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6.4 Backside PCB



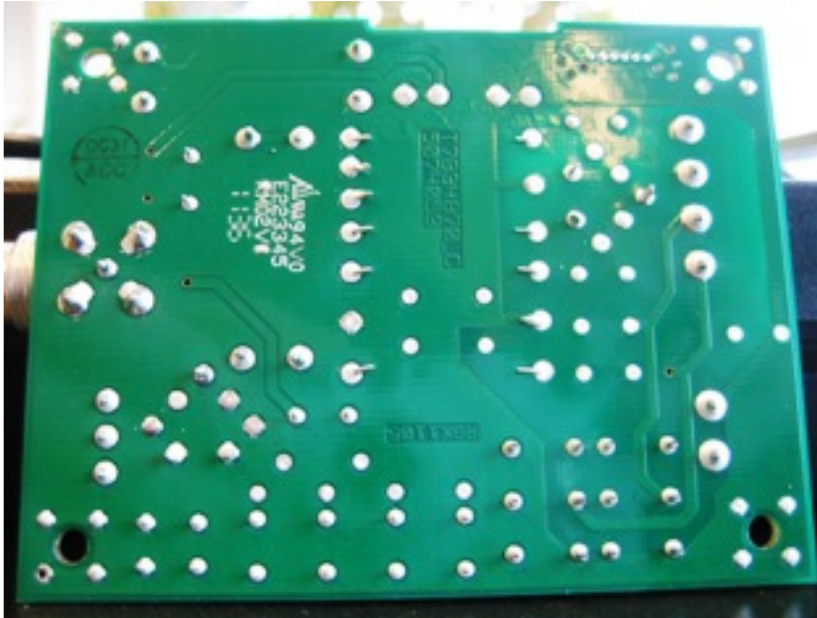
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6.5 Antenna matching Printed Circuit Board

6.5.1 Fronsida



6.5.2 Back side



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7 NCC module

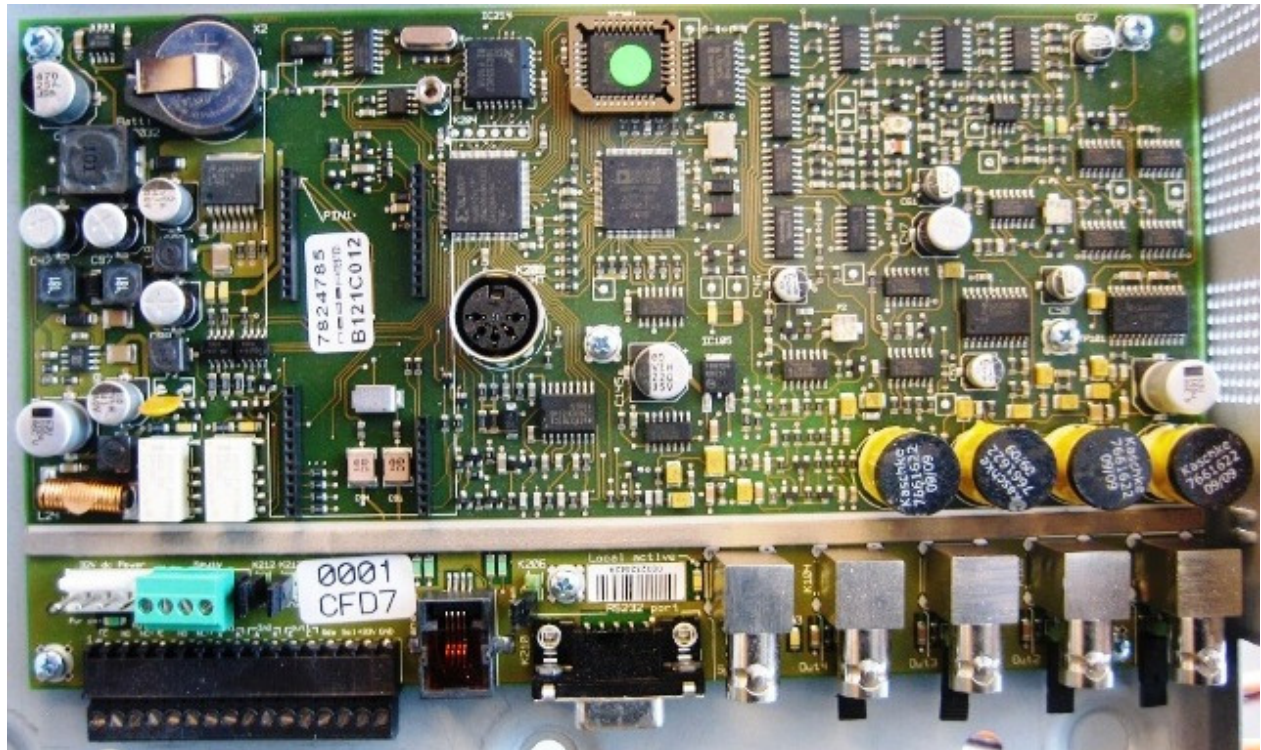
7.1 Insight overview NCC



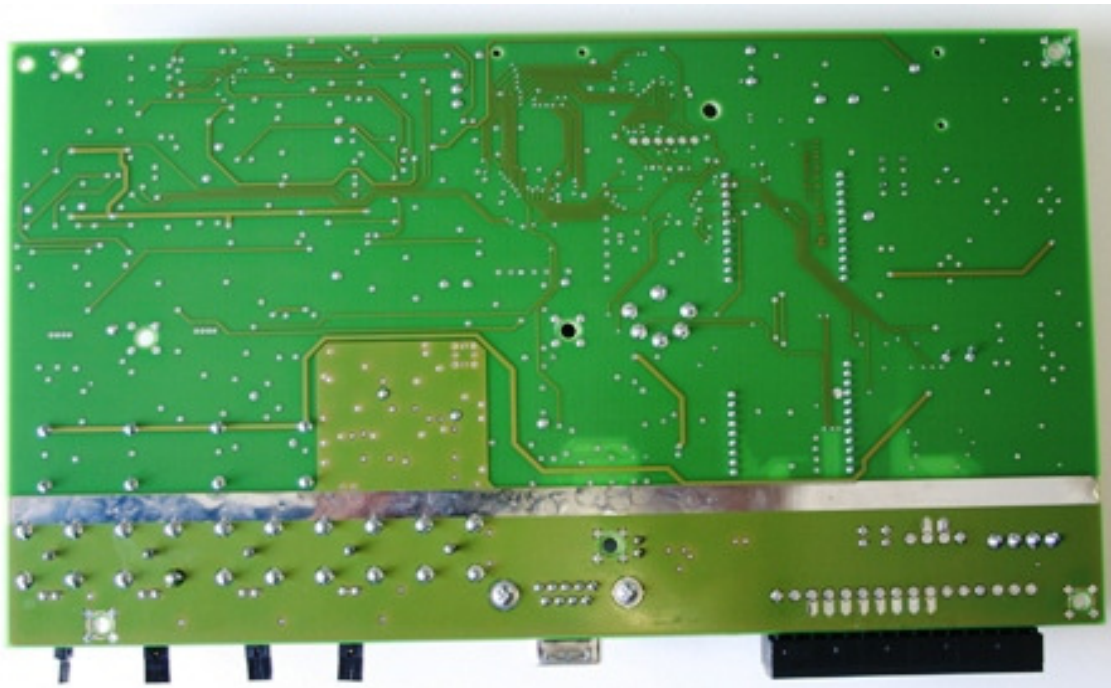
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7.2 NCC Printed circuit board

7.2.1 Front side



7.2.2 Bottom side PCB



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7.3 LAN Module

7.3.1 Front side



7.3.2 Back side

