
**UHF Reader with antenna FL45 operating on
902-928 MHz including an Anti Pilferage System
operating in the band 7.400 – 8.800 MHz
Brand Nedap
Model: ASSY RF+RFID
Interior Photographs**

Description of EUT: UHF Reader with antenna FL45 operating on 902-928 MHz including an Anti Pilferage System operating on 7.400-8.800 MHz
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Brand mark: Nedap
Model: ASSY FLR RF+RFID
FCC ID: CGDFLRRFRFID
IC: 1444A-FLRRFRFID
Type of Application: New Application

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Applicant information

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25 August 2014

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1 External Photograph



902-928 MHz antennae

Inductive EAS and MD antenna wiring

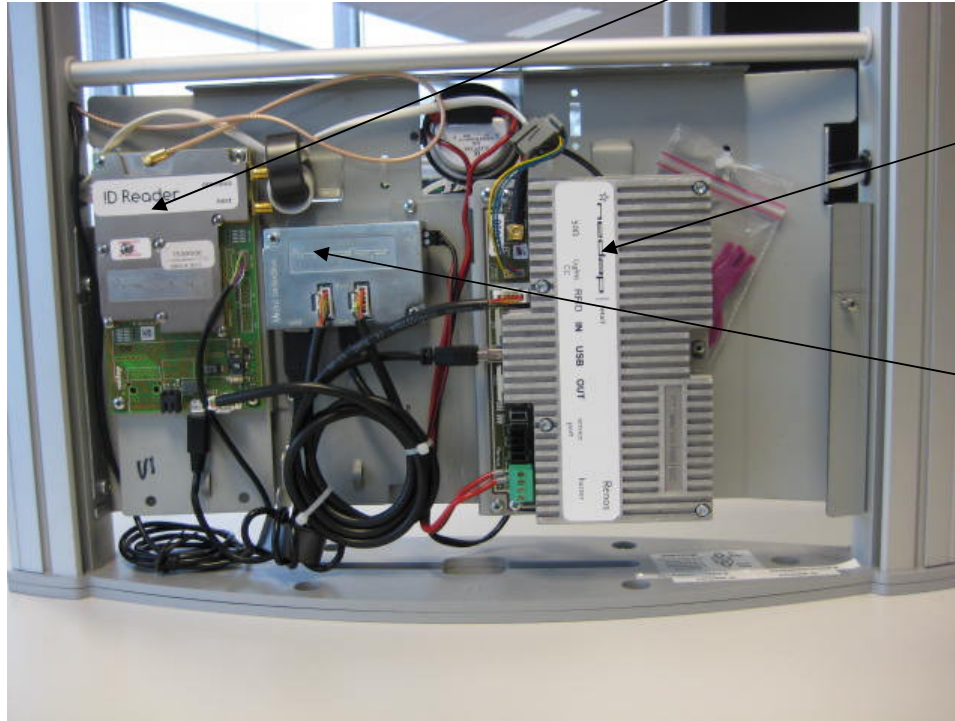
Transceivers, processing unit and RF-antenna adjusting board

Power Inserter

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2 Internal pictures

2.1 Front cover removed

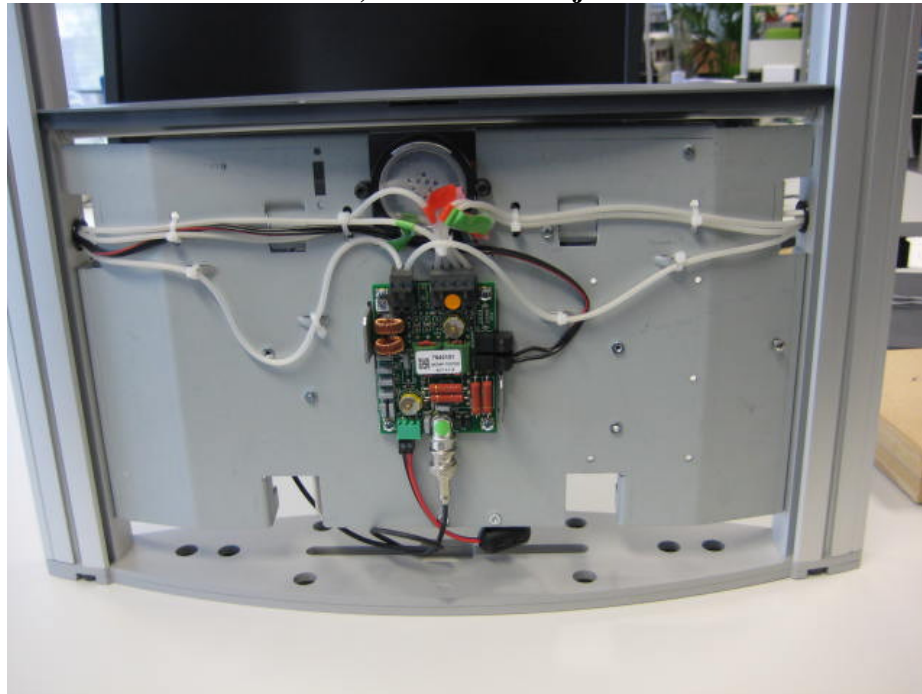


902-928 MHz Reader

Processing unit and EAS 8.2 MHz Transmitter

MD (Metal Detection) 125 kHz Reader Not provided in this application

2.2 Back cover removed, RF-Antenna adjustment board



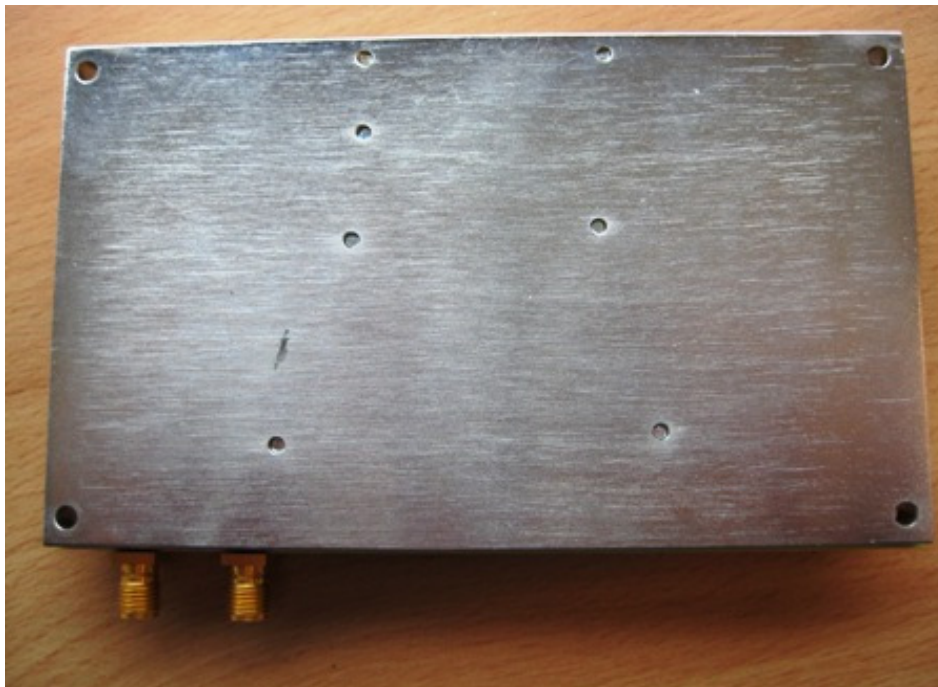
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3 902-928 MHz transceiver

3.1 Front side with metal cover

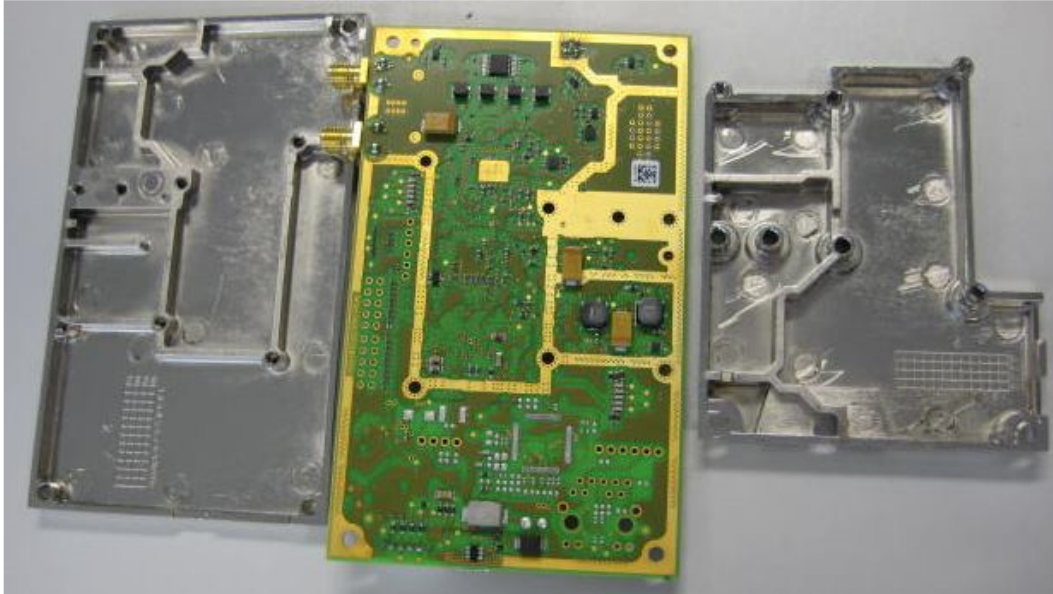


3.2 Backside with metal cover



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3.3 ID reader dismantled

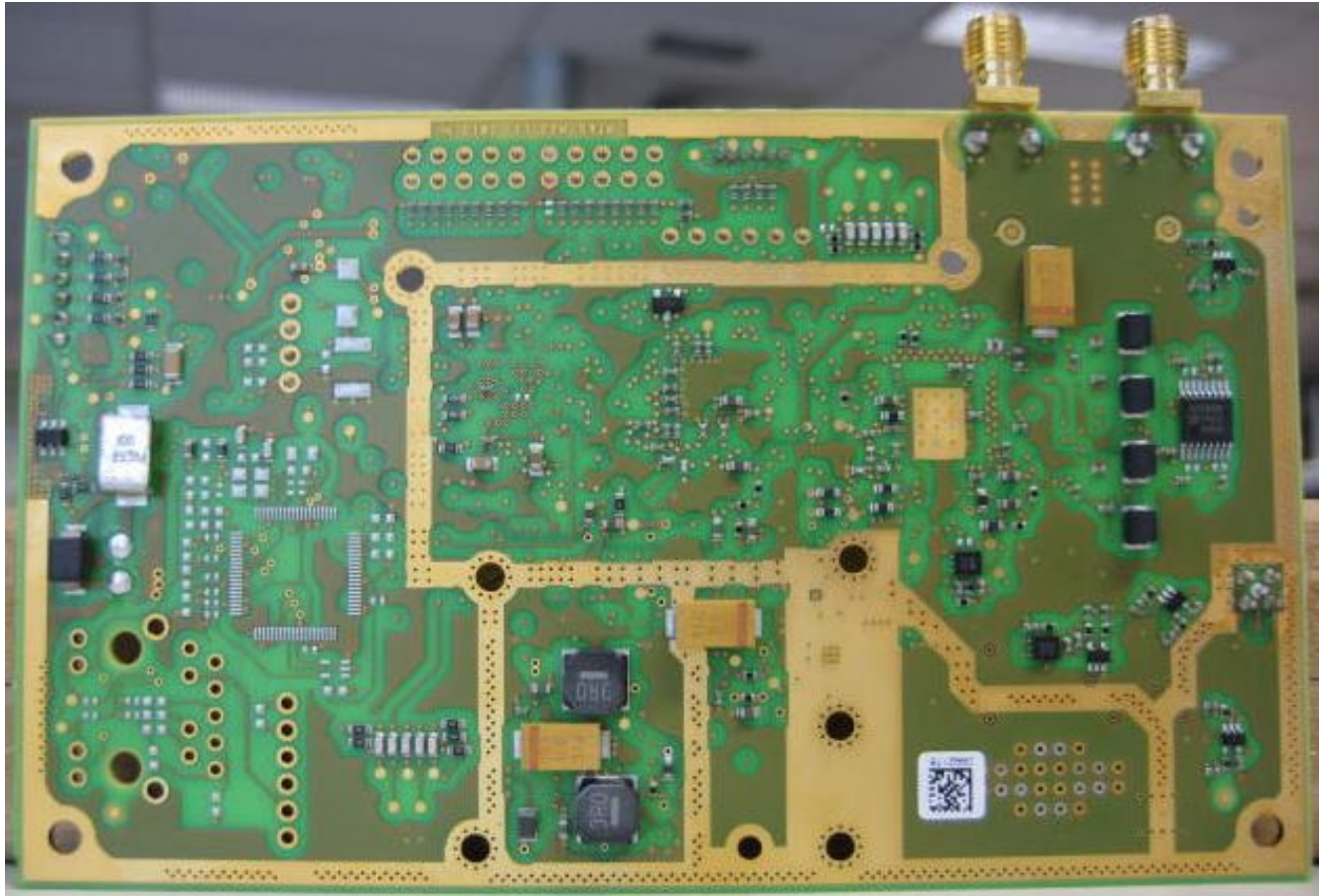


3.4 Front side



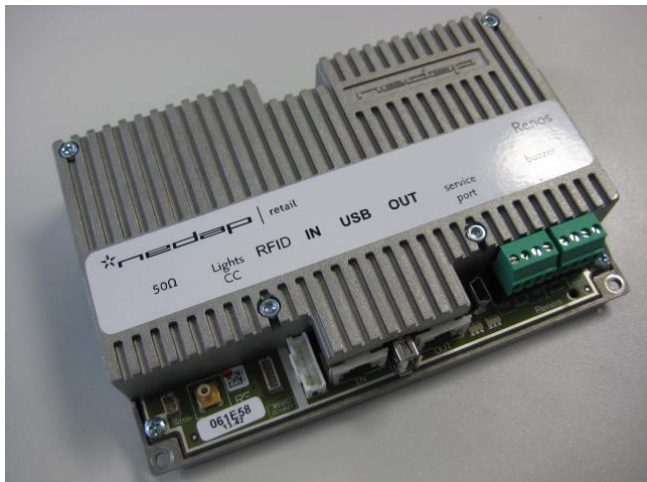
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3.5 Back side



4 Processing unit – Renos including EAS 8.2 MHz transmitter

4.1 With metal cover

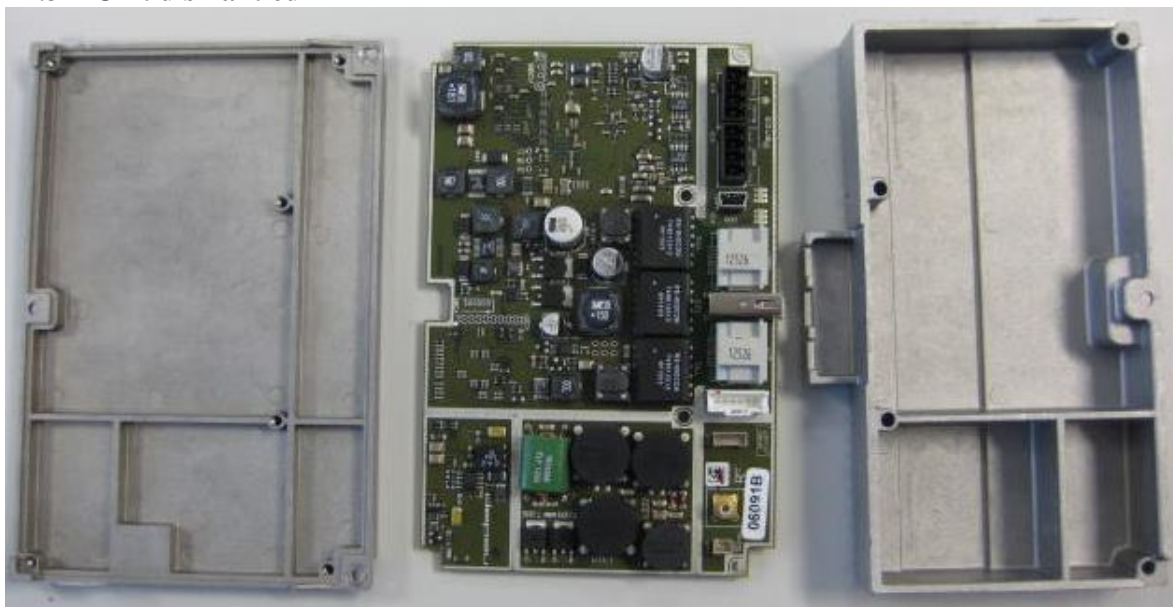


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4.2 Back side with metal cover

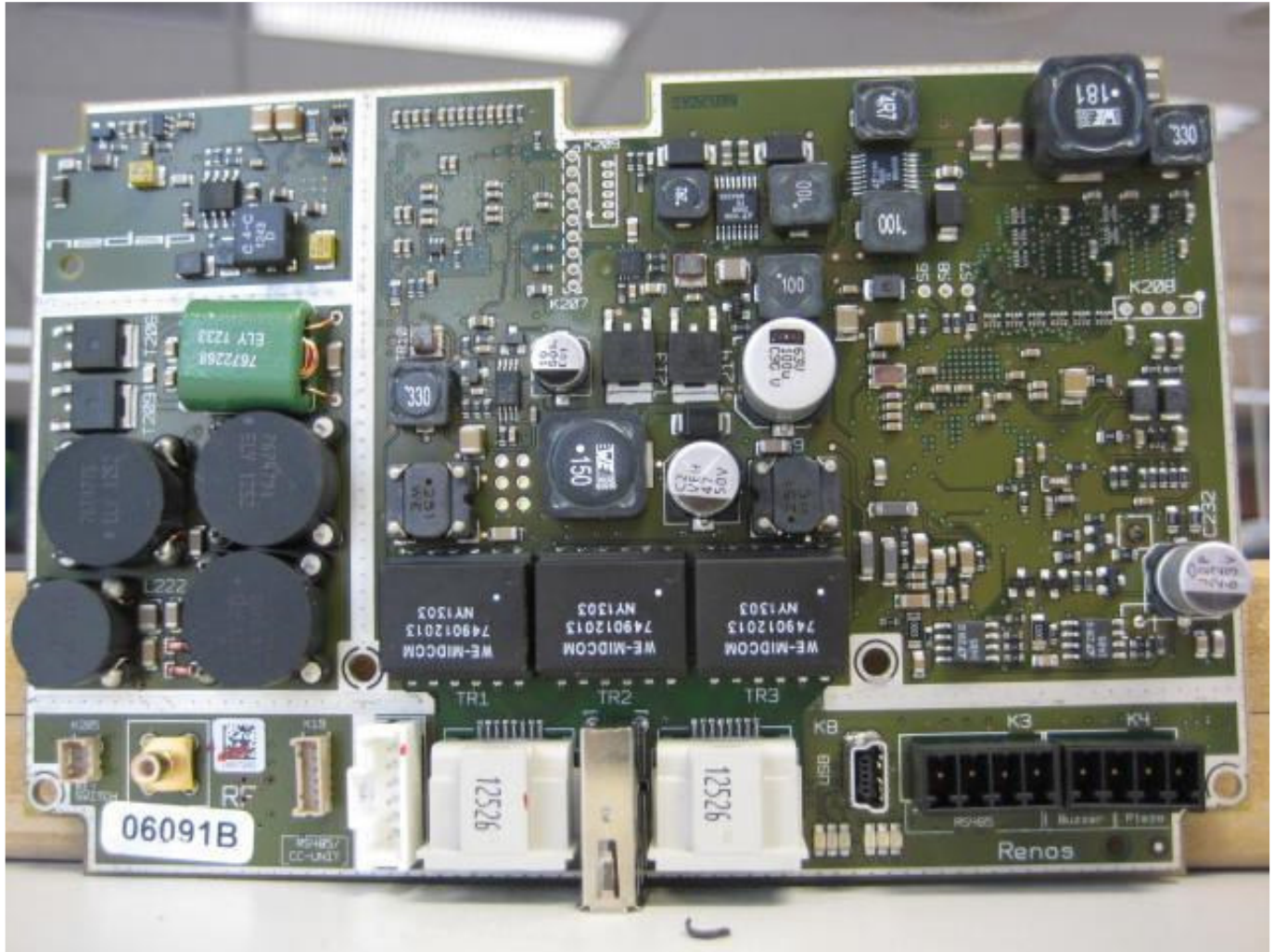


4.3 Unit dismantled



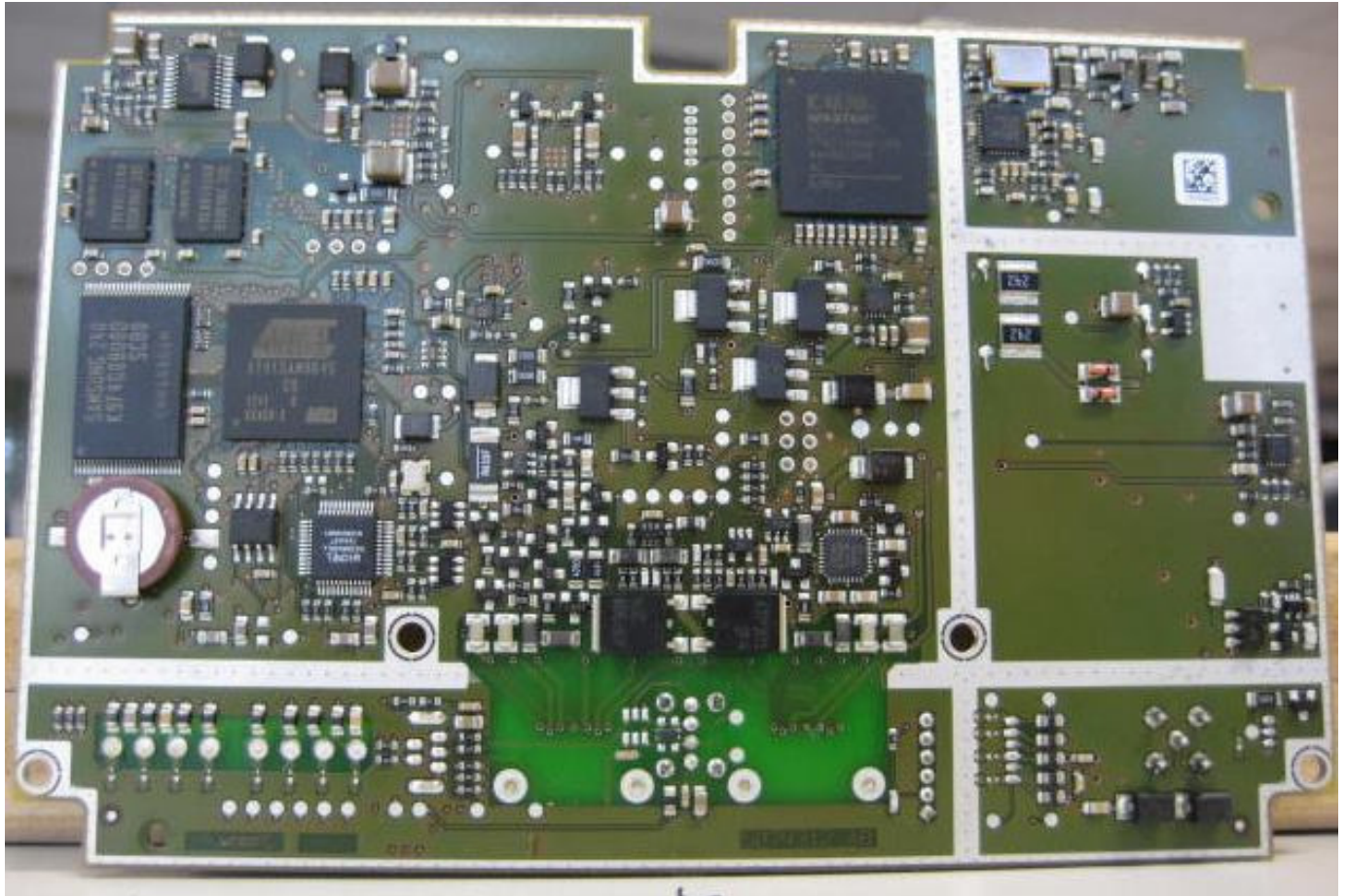
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4.4 Front side Printed Circuit Board



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4.5 Back side



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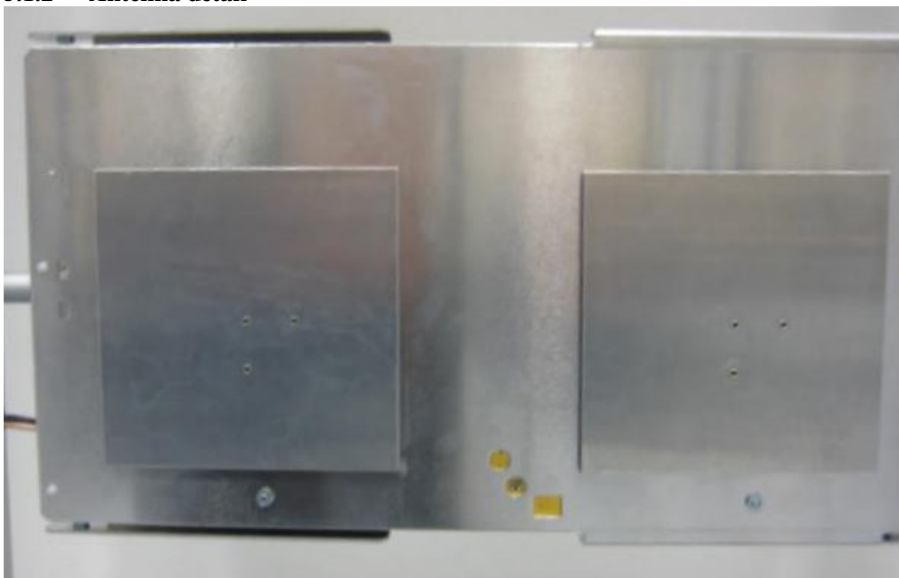
5 Antenna information 902-928 MHz part

5.1 Front side

5.1.1 Total overview



5.1.2 Antenna detail



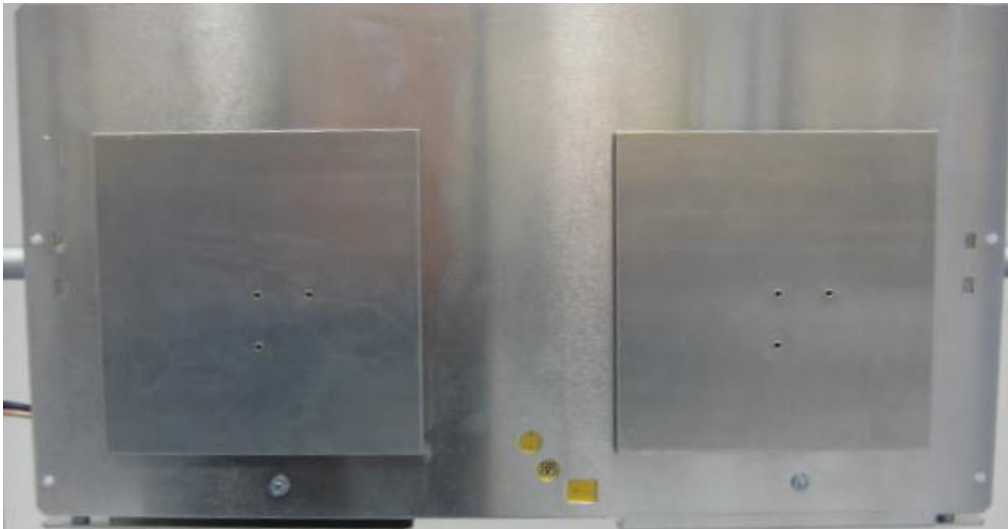
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5.2 Backside

5.2.1 Total overview



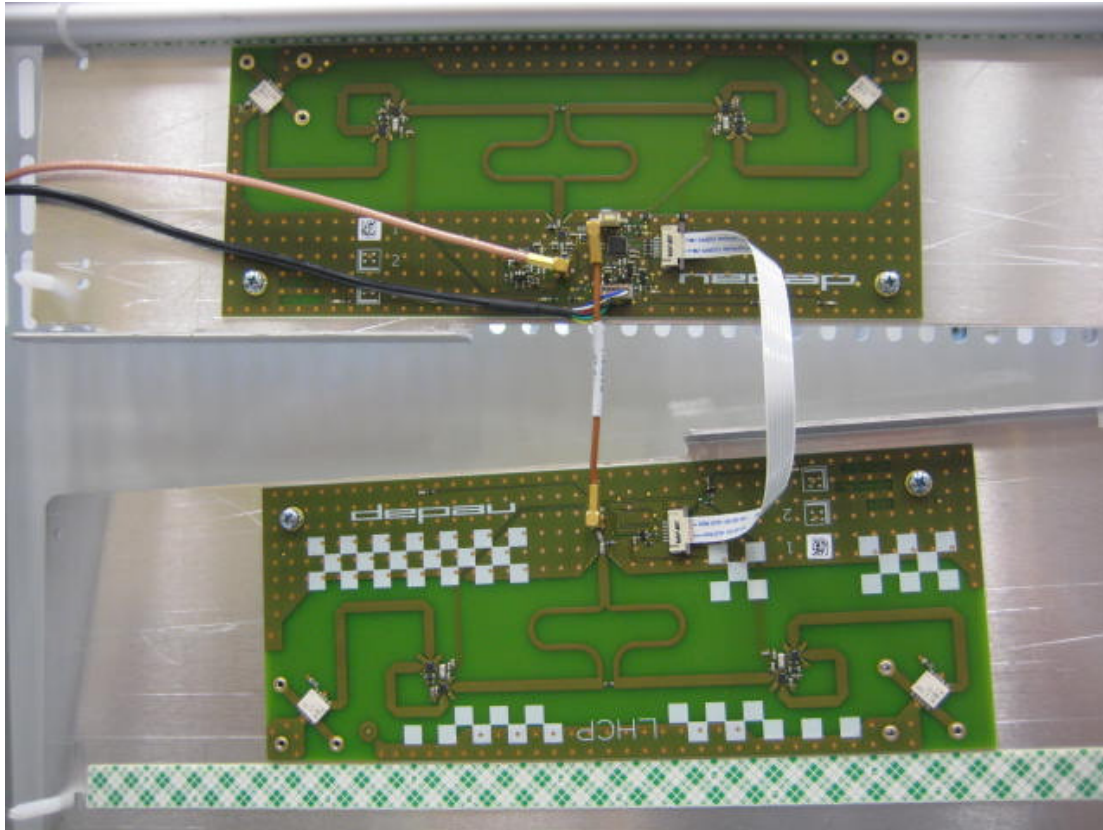
5.2.2 Antenna detail



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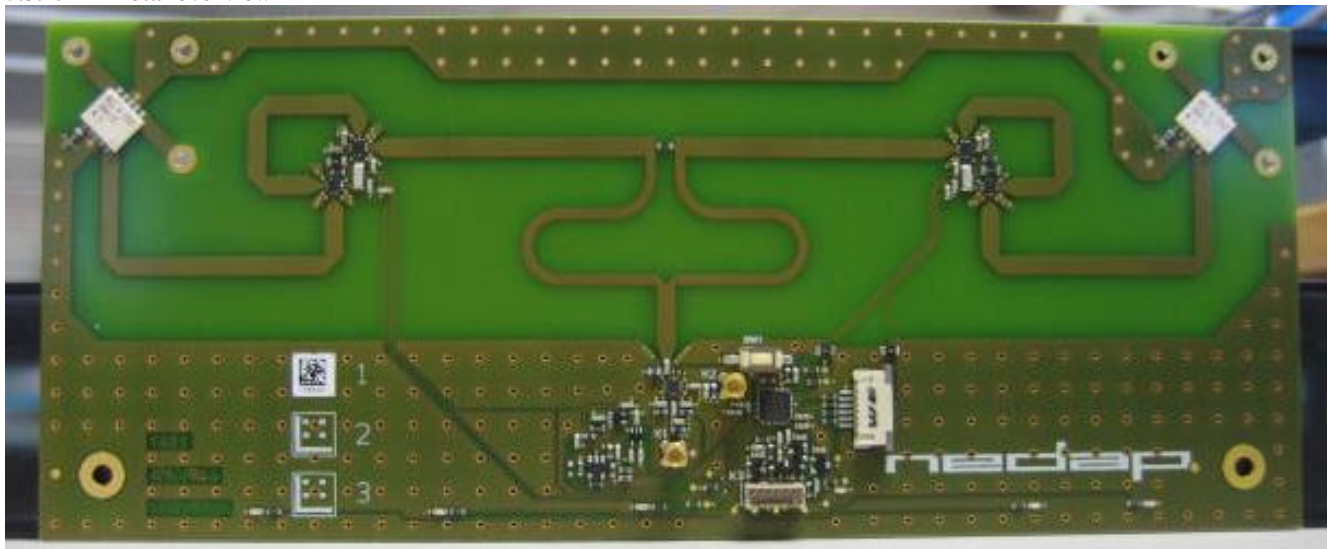
5.3 Antenna Printed Circuit Board

5.3.1 The antenna PCB's



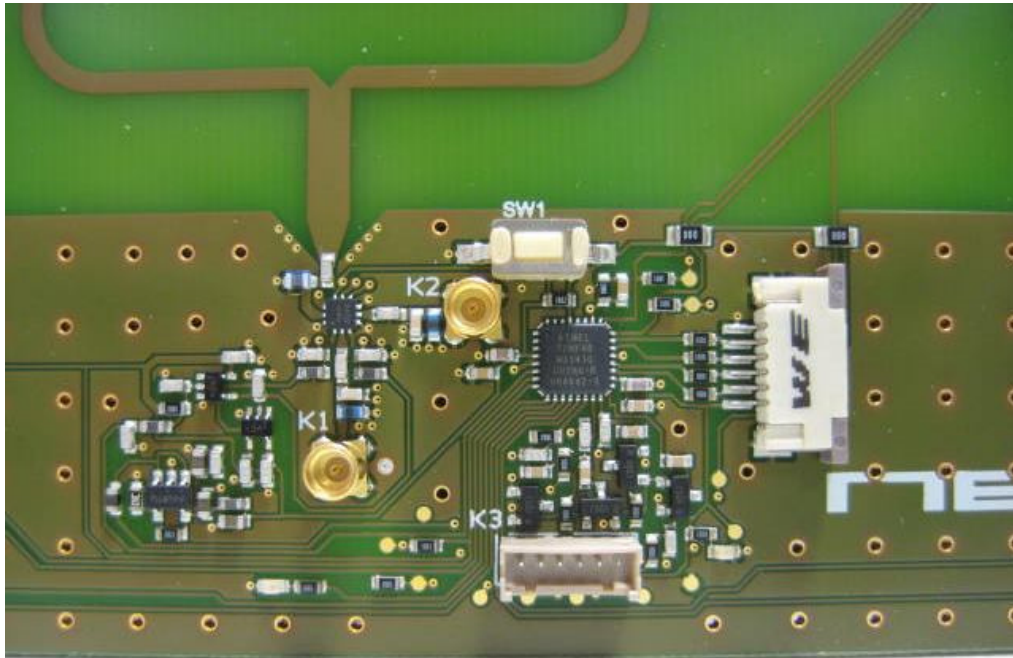
5.3.2 Antenna PCB RHCP

5.3.2.1 Total overview

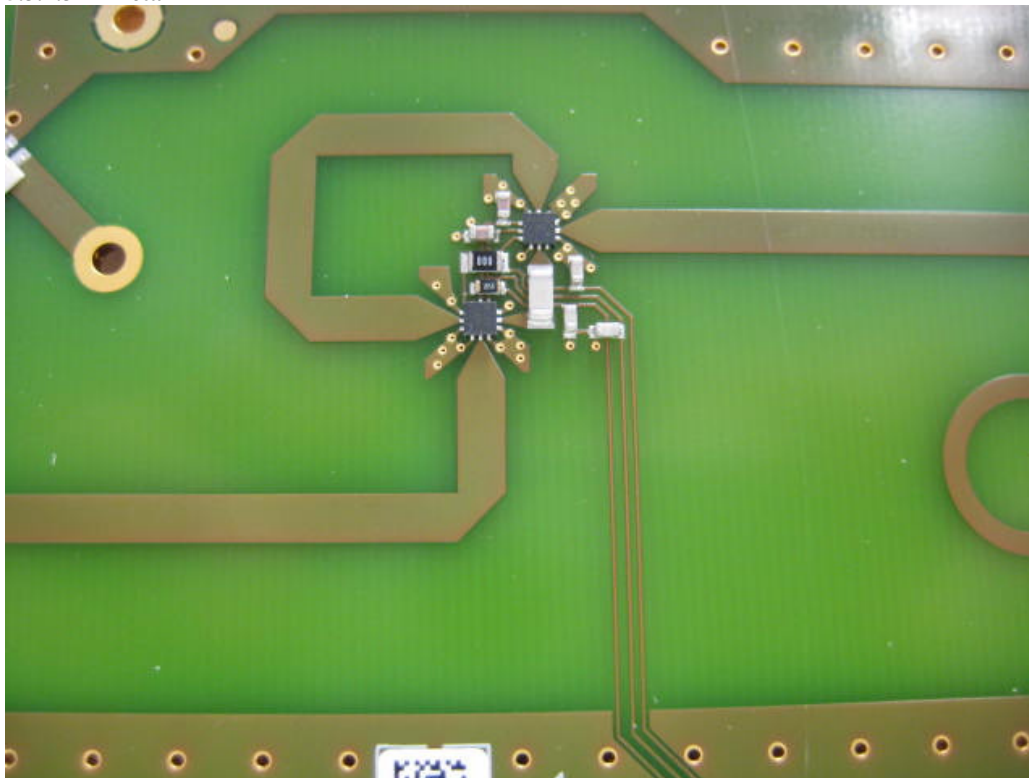


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5.3.2.2 Detail 1

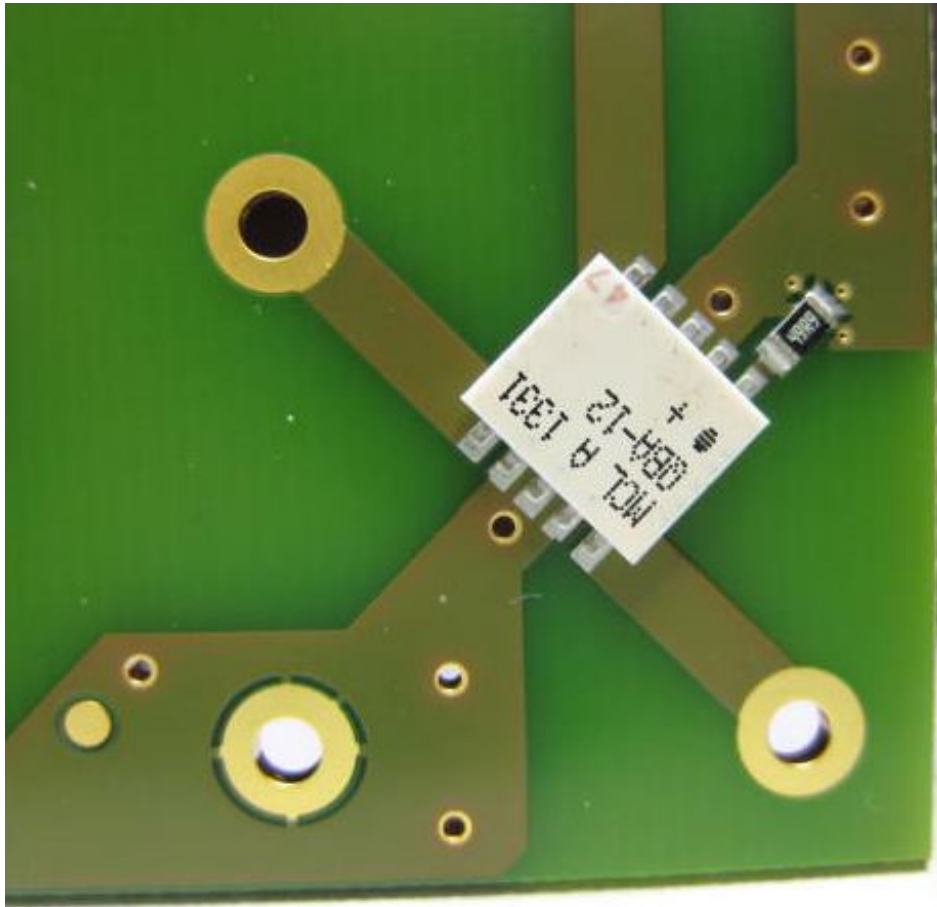


5.3.2.3 Detail 2

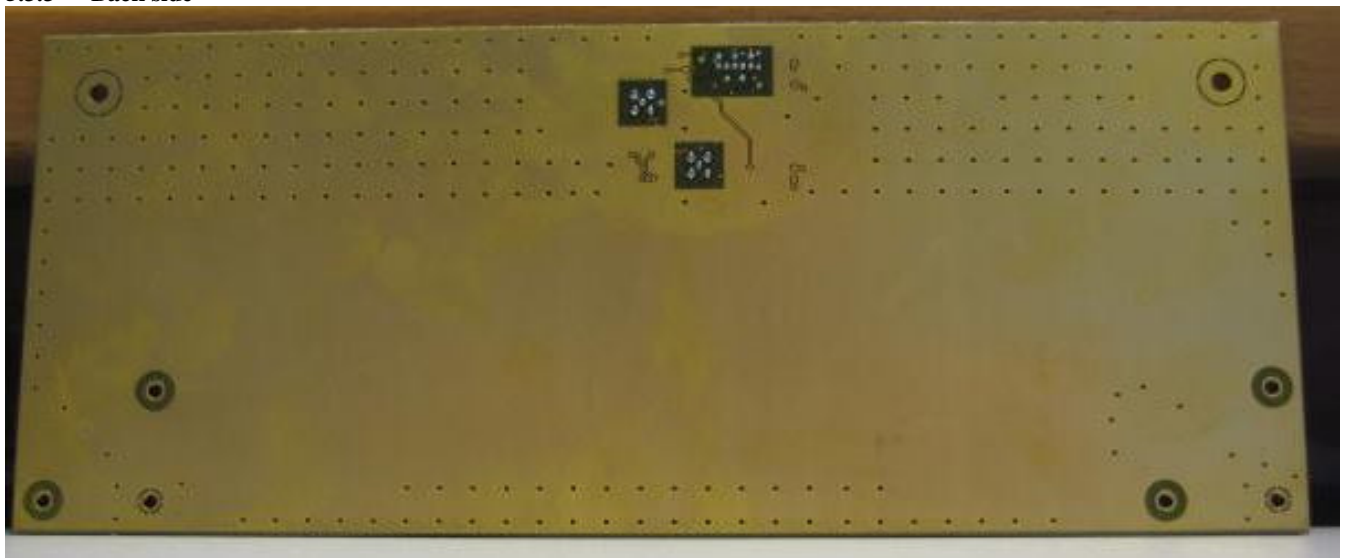


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5.3.2.4 Detail 3



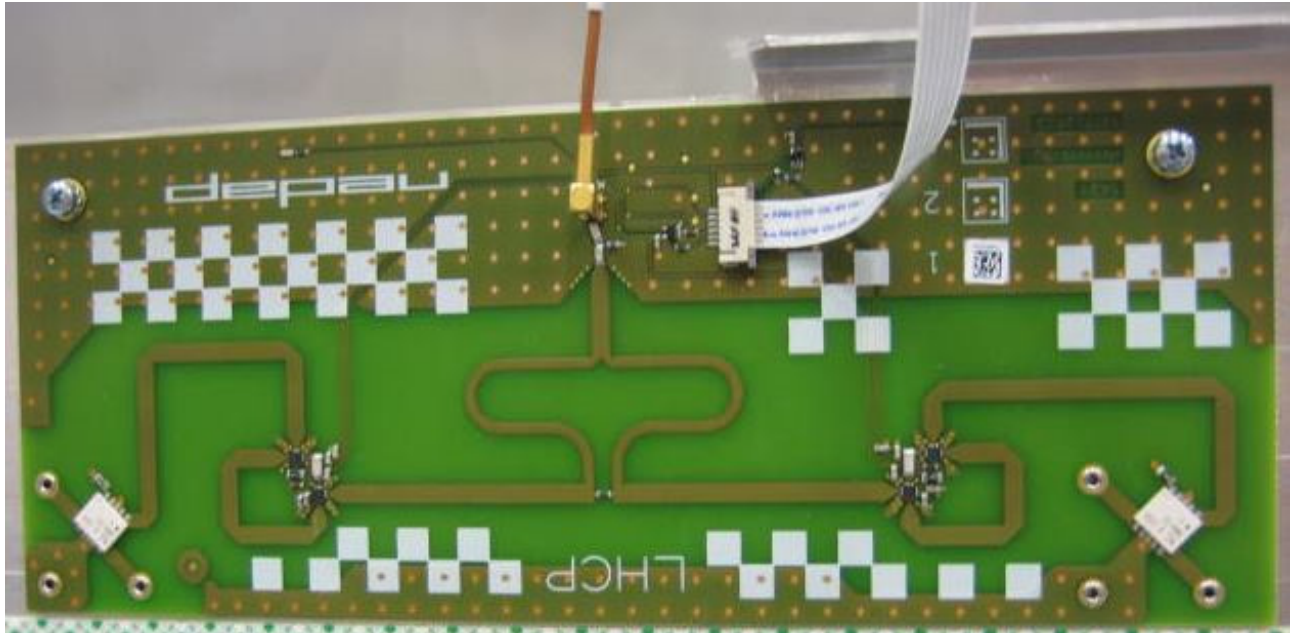
5.3.3 Back side



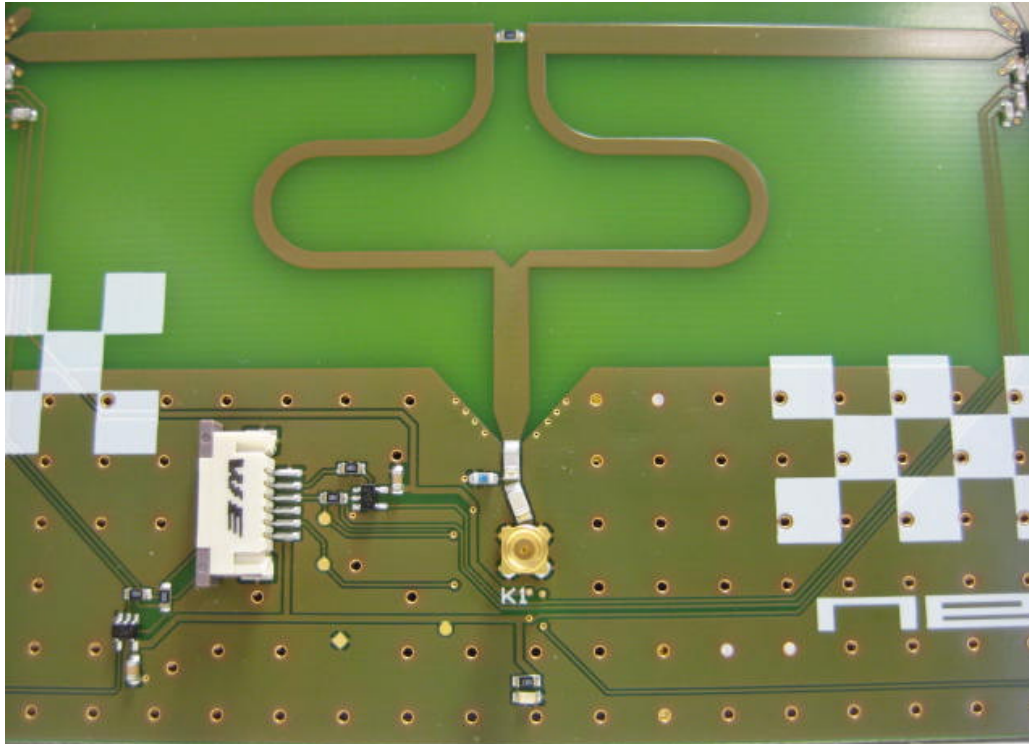
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5.3.4 Antenna PCB LHCP

5.3.4.1 Total overview

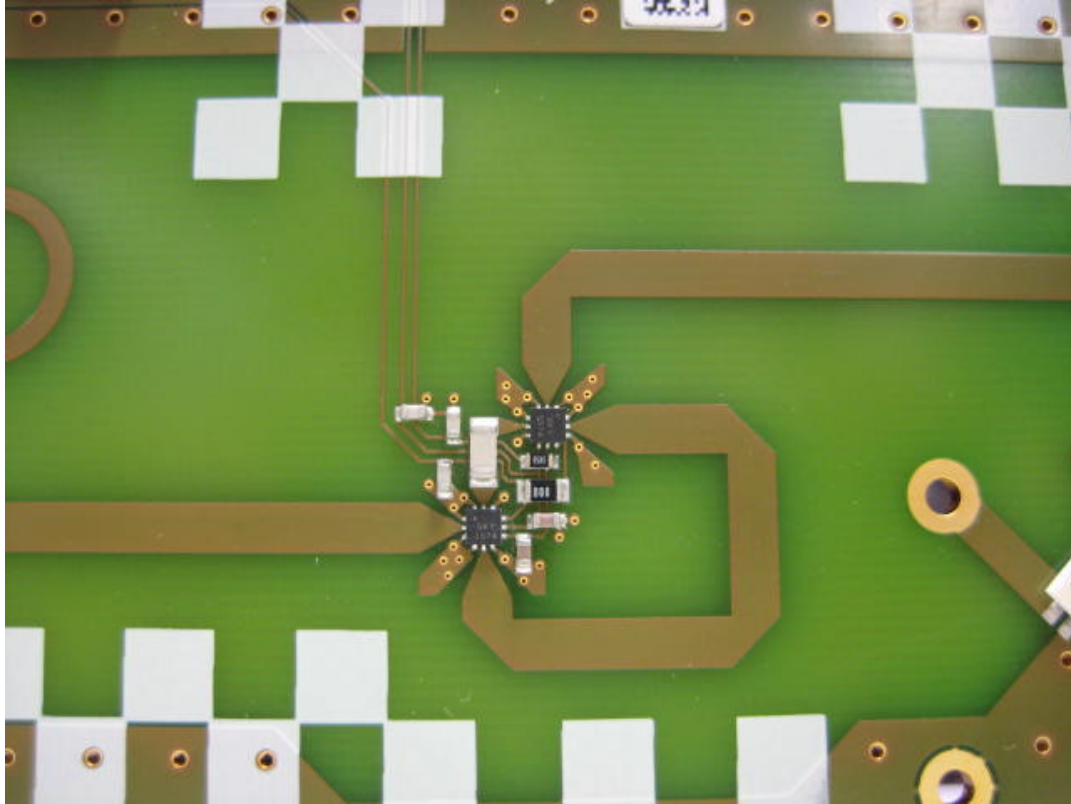


5.3.4.2 Detail 1

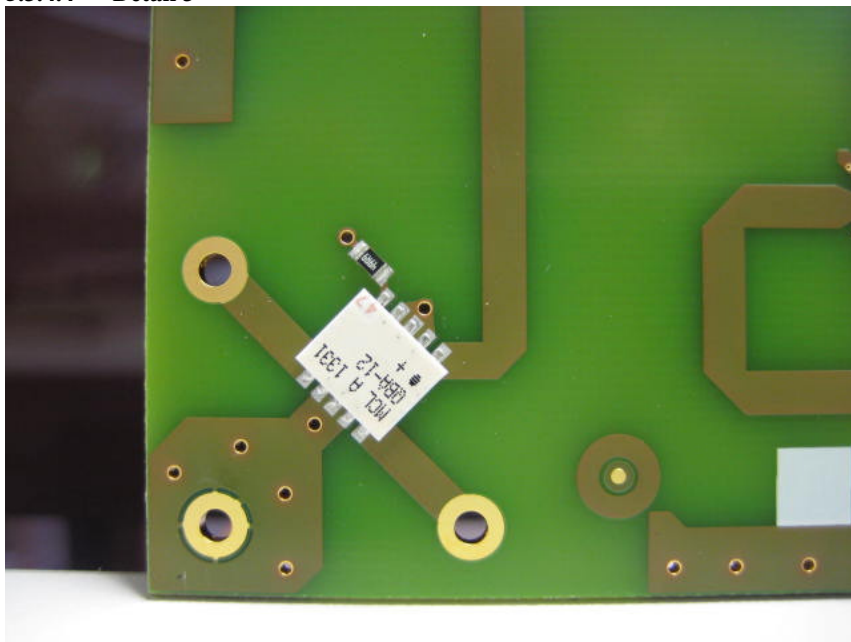


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5.3.4.3 Detail 2

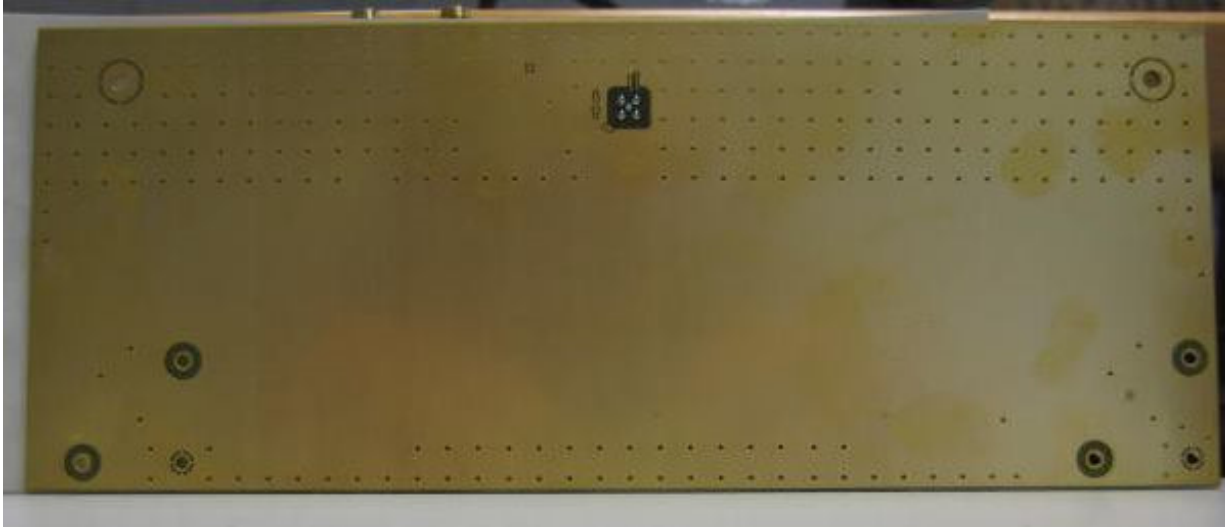


5.3.4.4 Detail 3



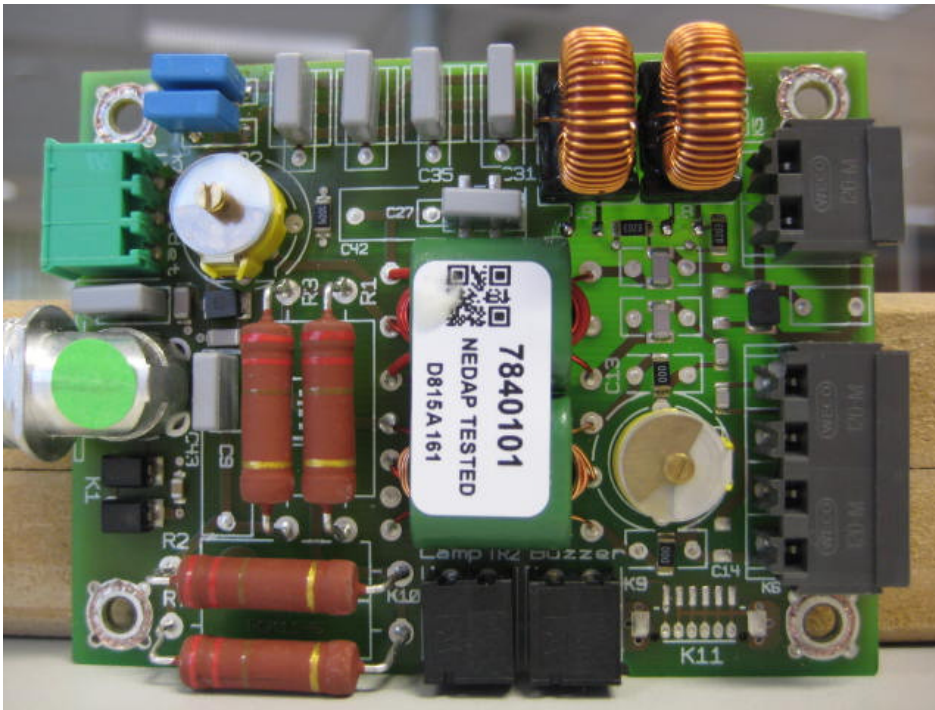
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5.3.5 Back side



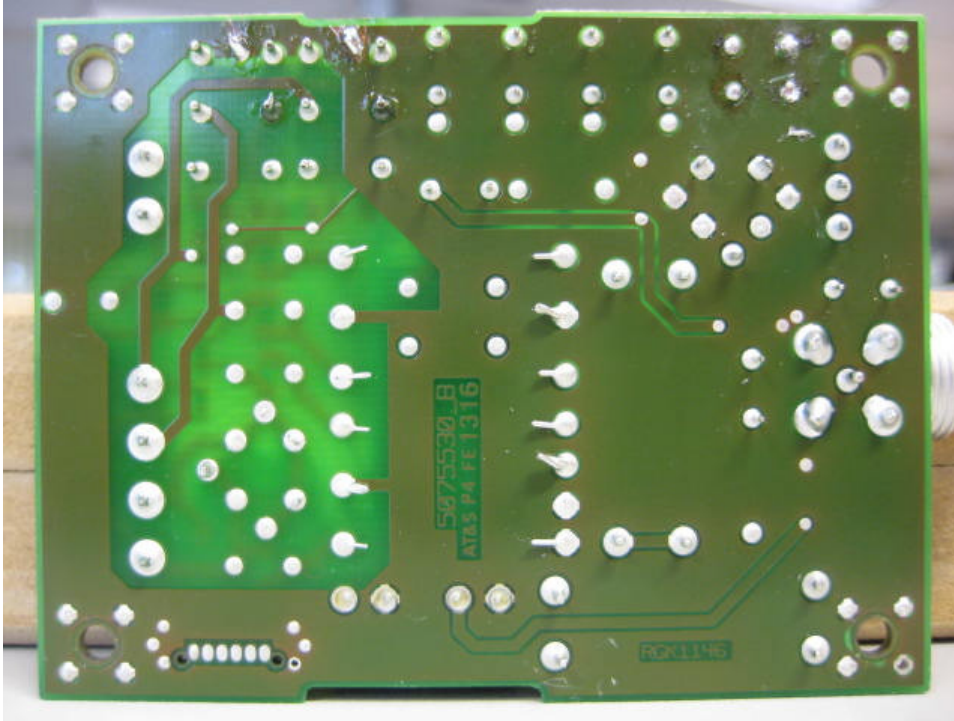
6 Antenna matching Printed Circuit Board

6.1 Front side



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6.2 Back side



7 CC (Customer counter)

7.1 Enclosure



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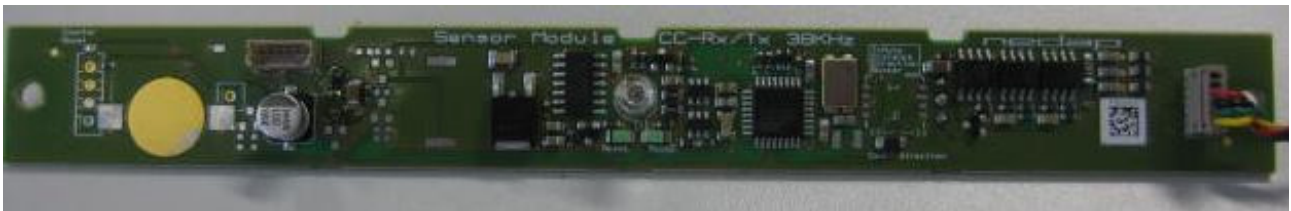
7.2 Unit dismantled



7.3 CC Printed Circuit Boards



7.4 Front side PCB

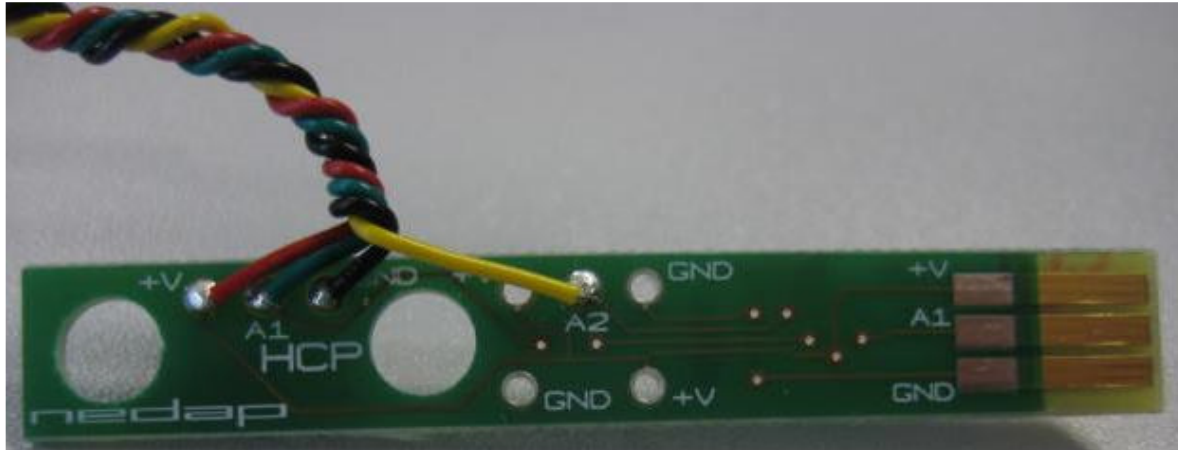


7.5 Back side PCB

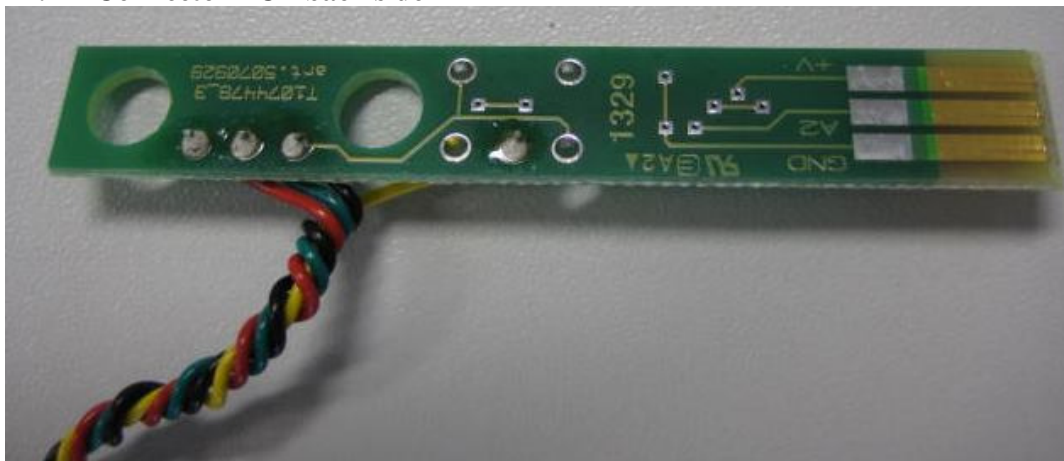


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7.6 Connector PCB front side



7.7 Connector PCB back side



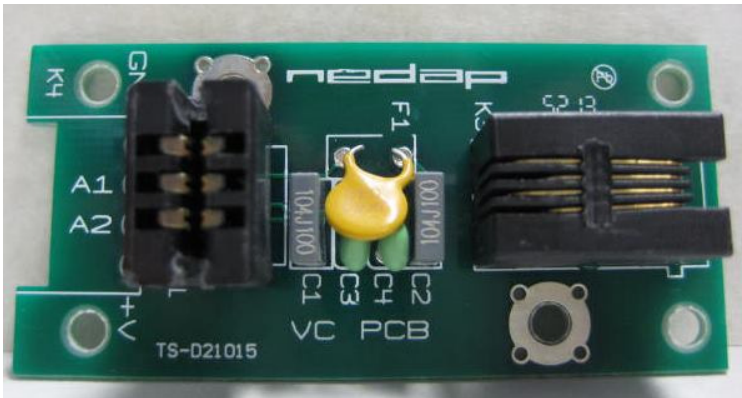
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8 LED printed Circuit Board

8.1 In enclosure



8.2 Front side



8.3 Back side

