Photo report internal components

Long-range vehicle and driver identification reader
operating on 2.45 GHz, 433 MHz and 120 kHz
Brand: Nedap
Model: TRANSIT ULTIMATE

Author	RH
Date	21 August 2017
Status	final

N.V. Nederlandsche Apparatenfabriek "Nedap"
Parallelweg 2
7141 DC Groenlo
The Netherlands

Description of EUT

Description of EUT	Long-range vehicle and driver identification reader operating on 2.45 GHz, 433 MHz and 120 kHz
Manufacturer	Nedap N.V.
Brand	Nedap
Model	TRANSIT ULTIMATE
FCC ID	CGDTRANSITULT2
IC	1444A-TRANSITULT2
Type of service	New Application

Applicant Information

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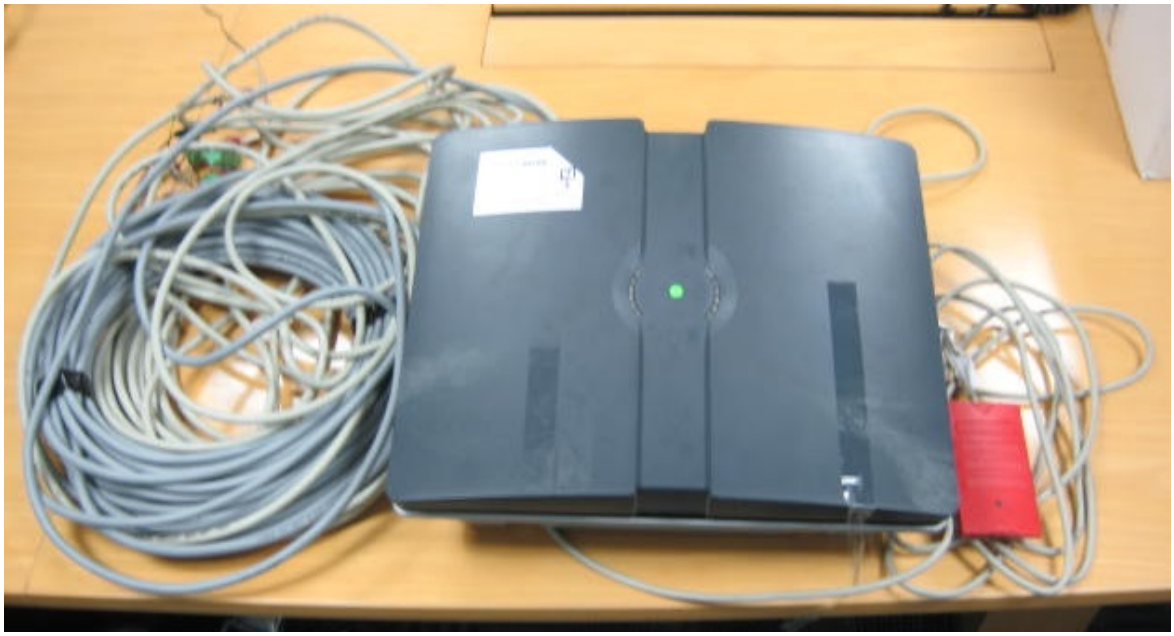
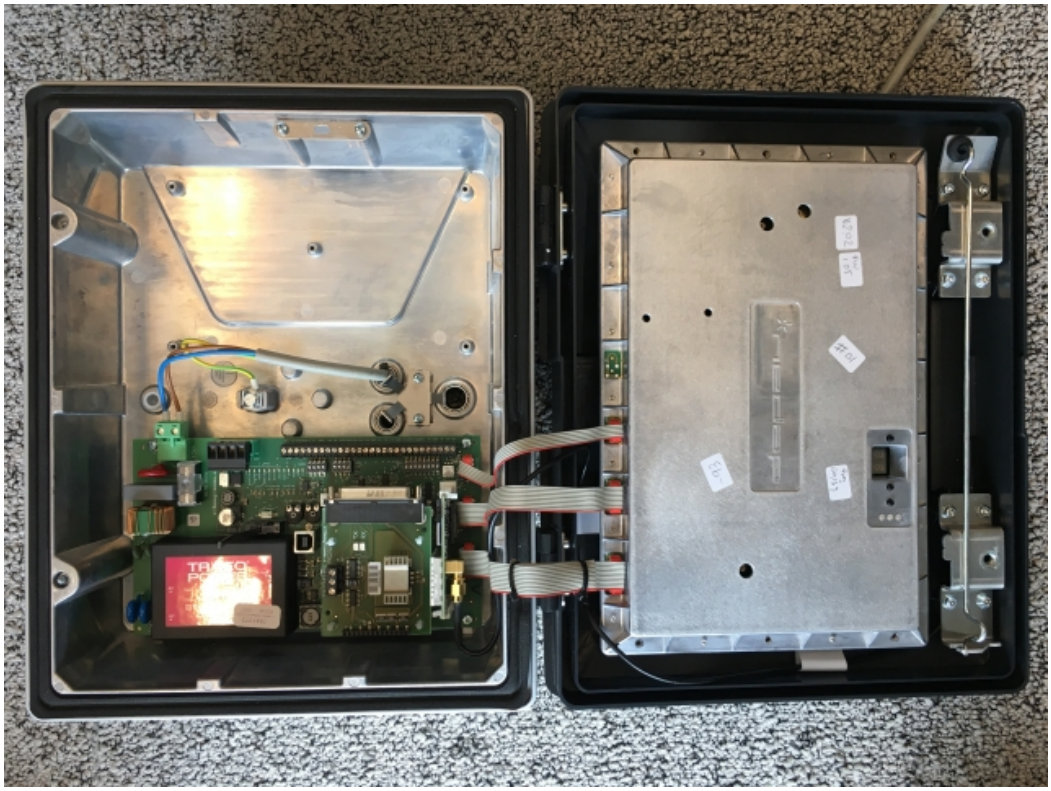
1. Overview TRANSIT ULTIMATE

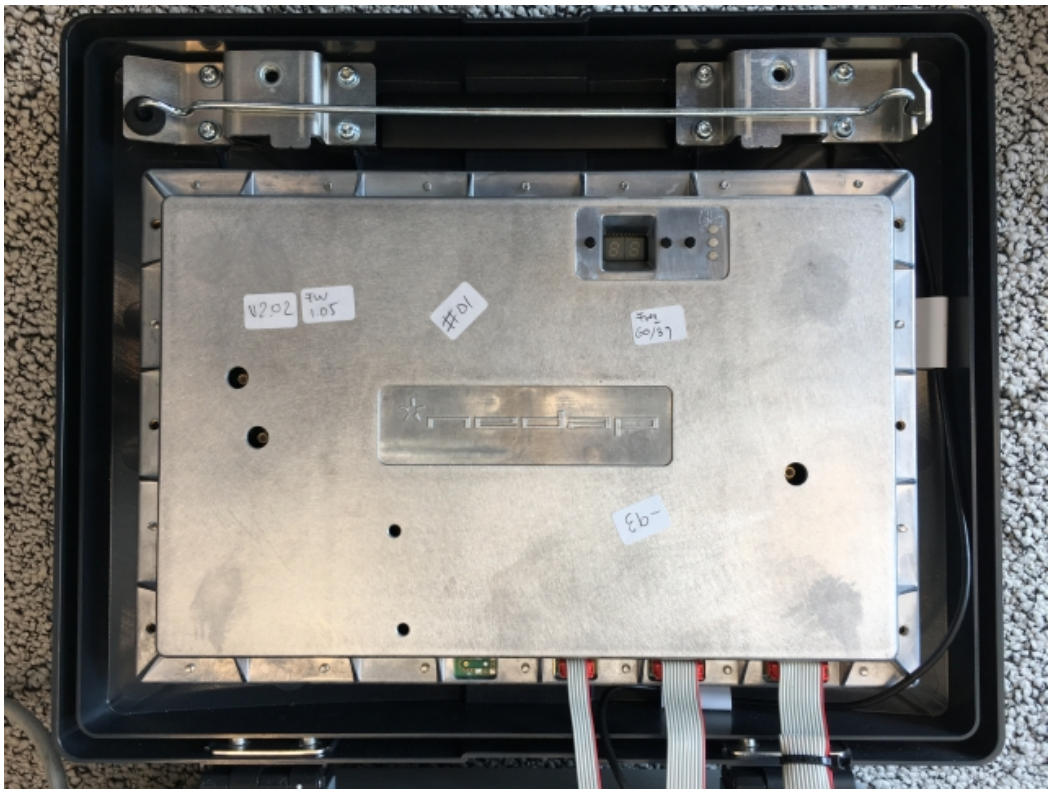


2. Case opened

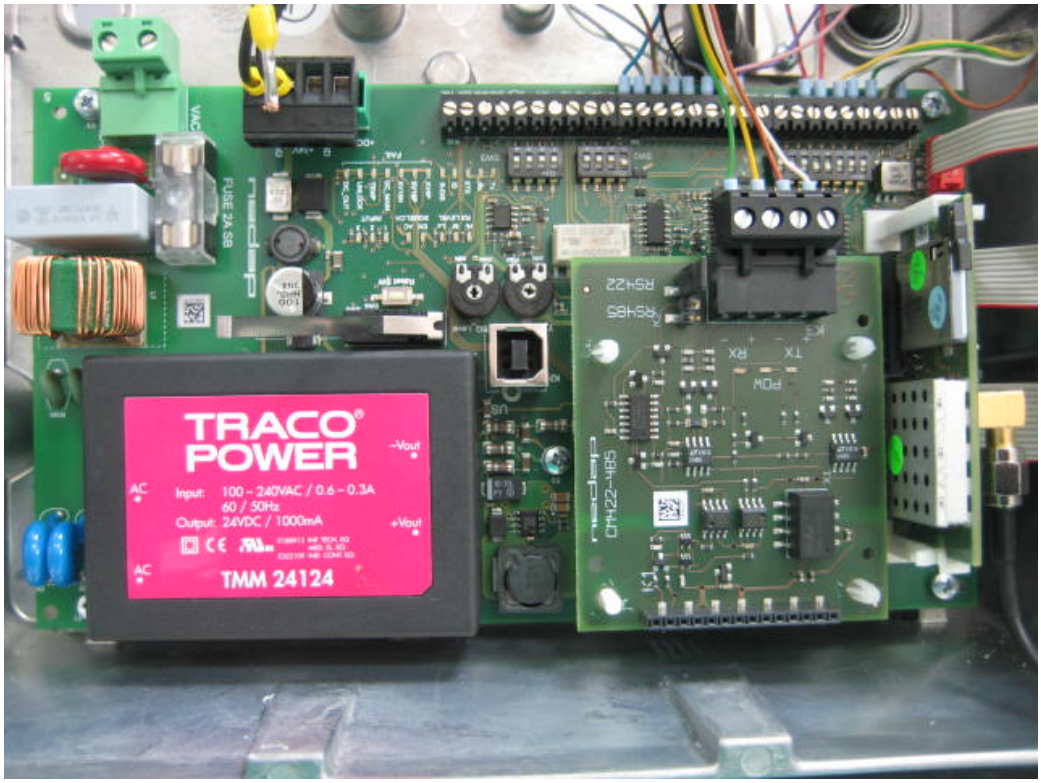
2.1. Total overview



2.2. Photograph of 2.45GHz transmitter



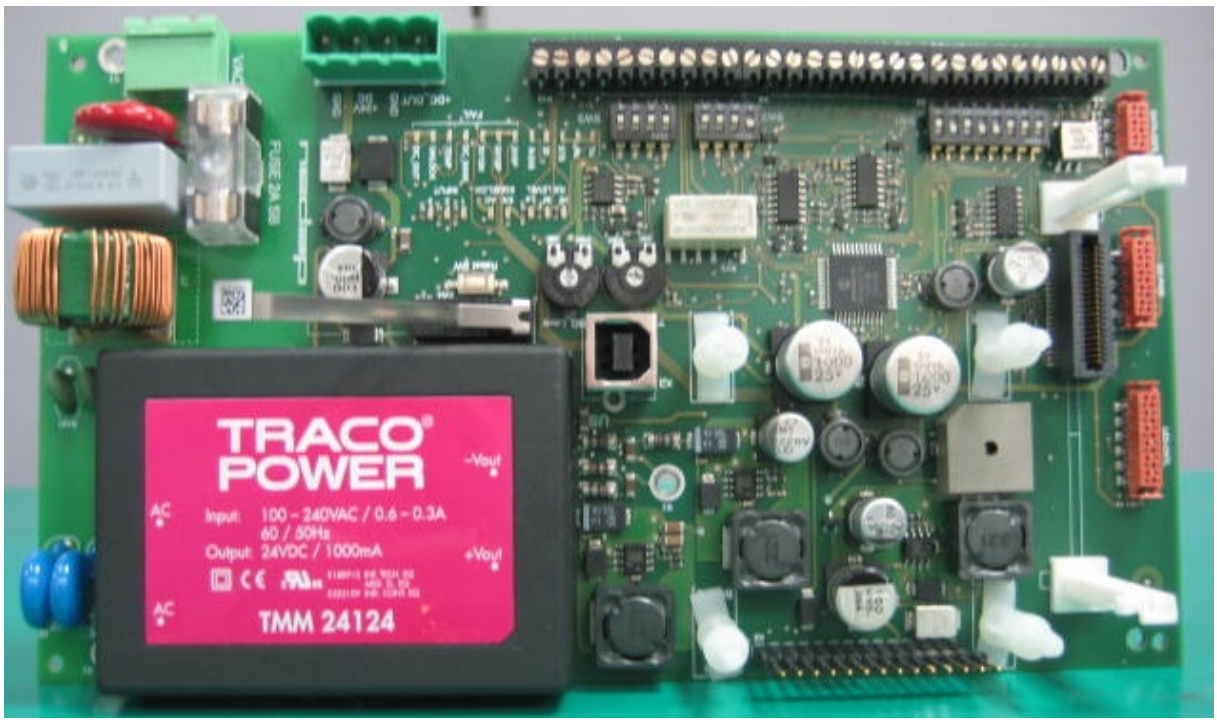
2.3. Photograph of power supply, 433MHz board, 120kHz and RS485



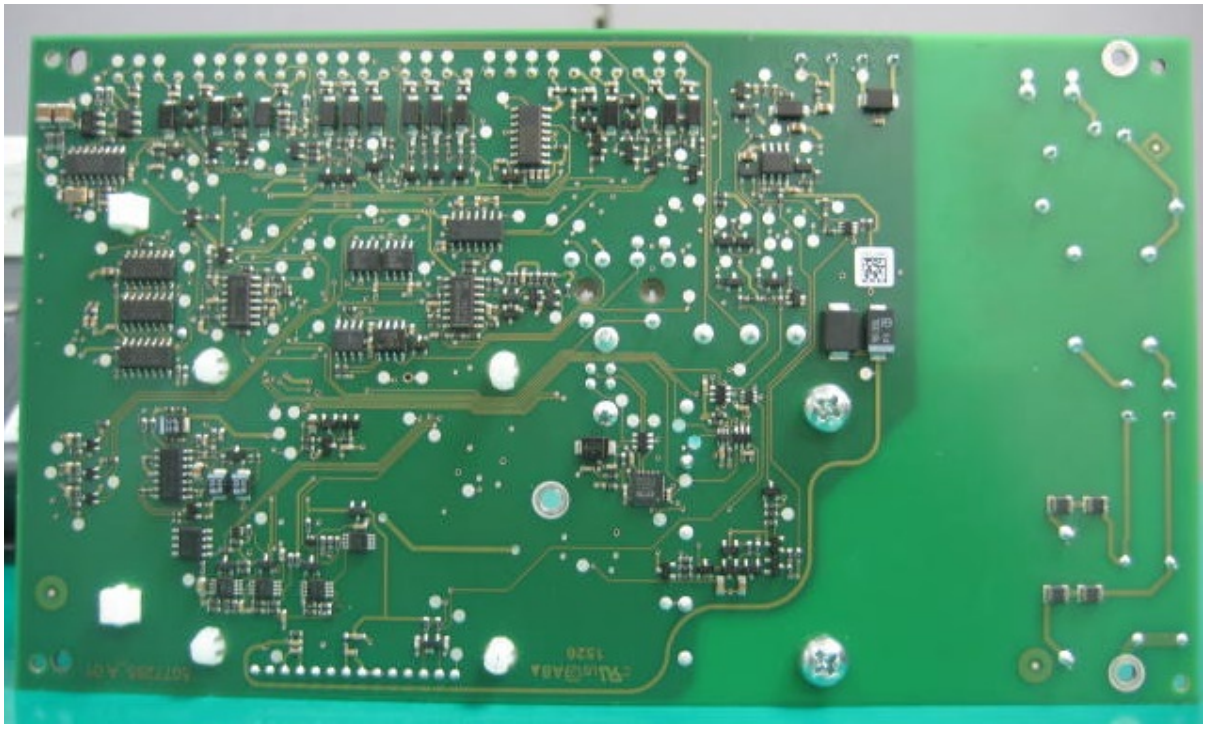
3. Overview SPS270 board

3.1. Total Overview

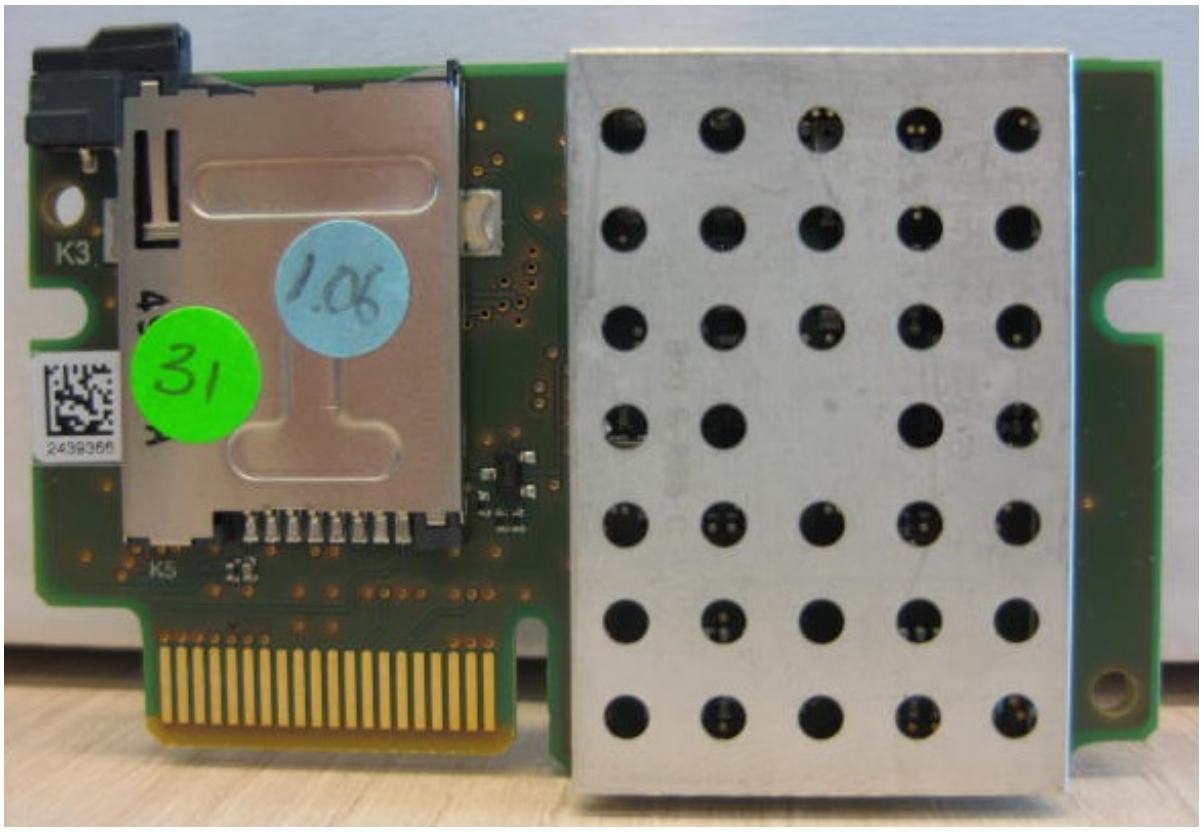
3.2. Power supply and control board front view



3.3. Power supply and control board back view

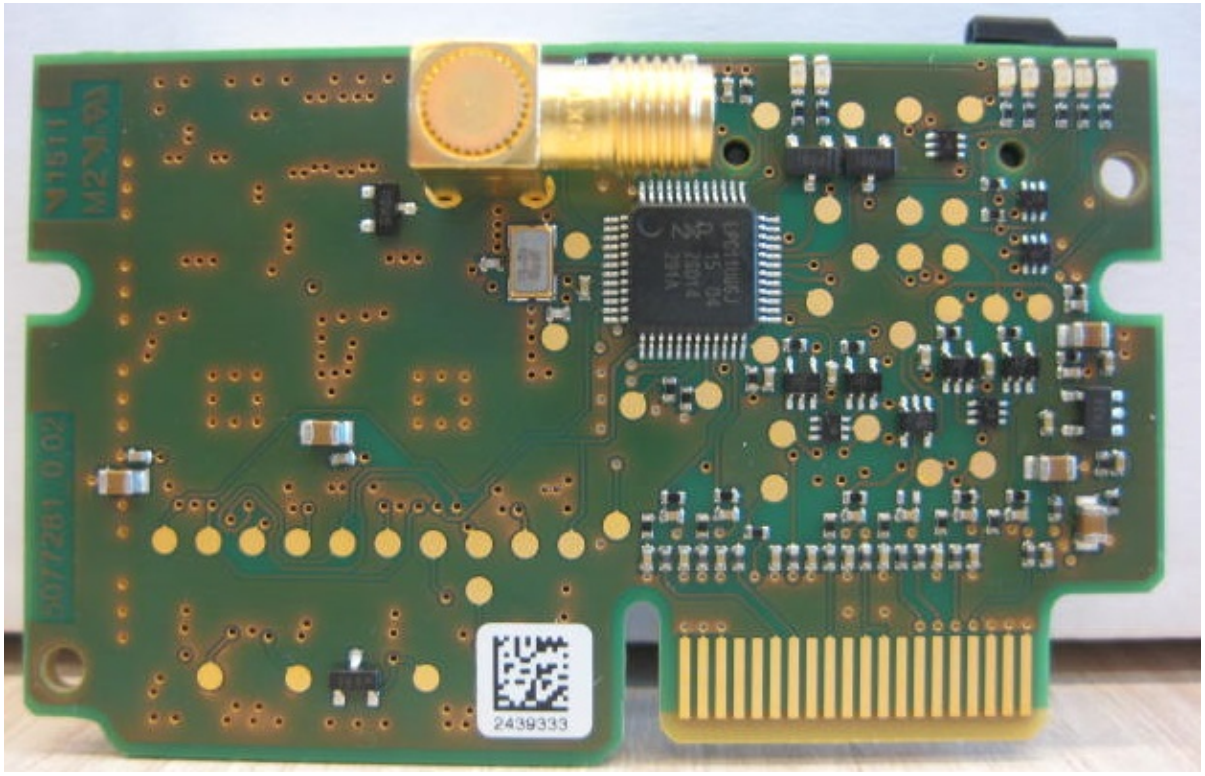


3.4. 433 MHz board

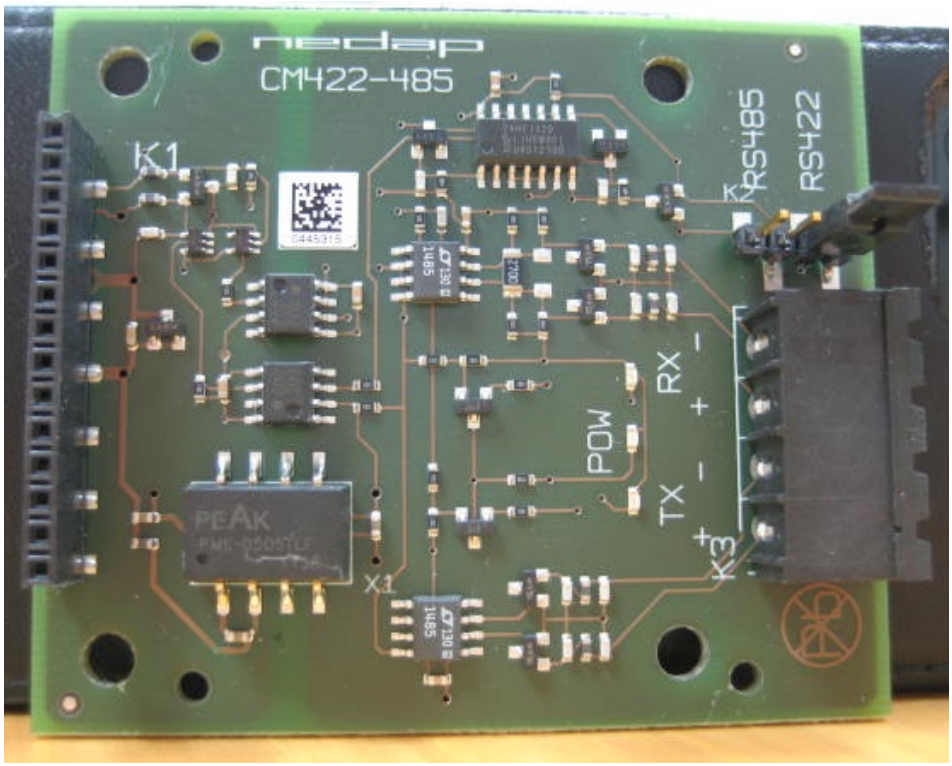


3.5. 433 MHz board without metal cover front view

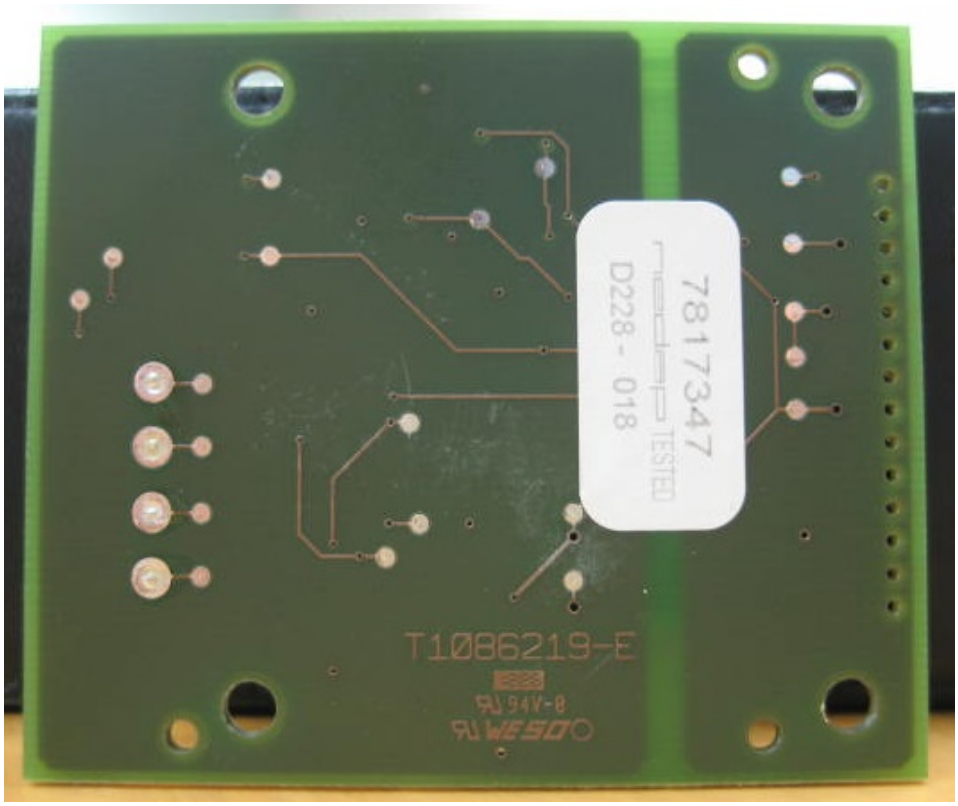
3.6. 433 MHz board back view



3.7. RS485 board front view

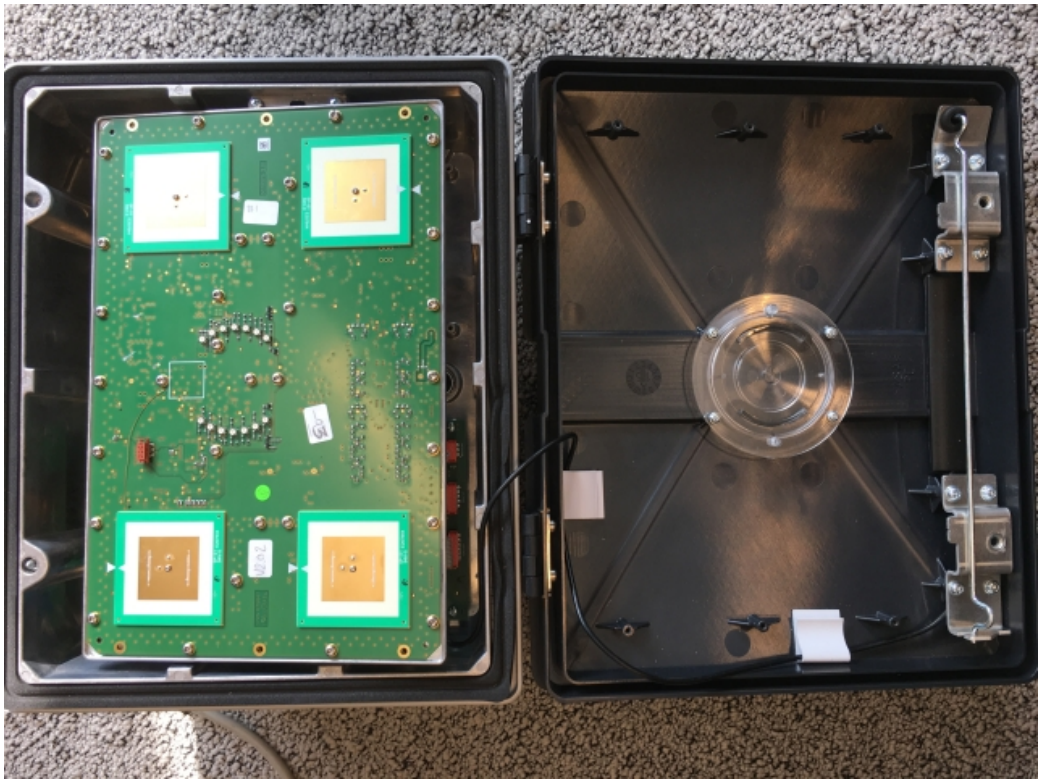


3.8. RS485 board back view

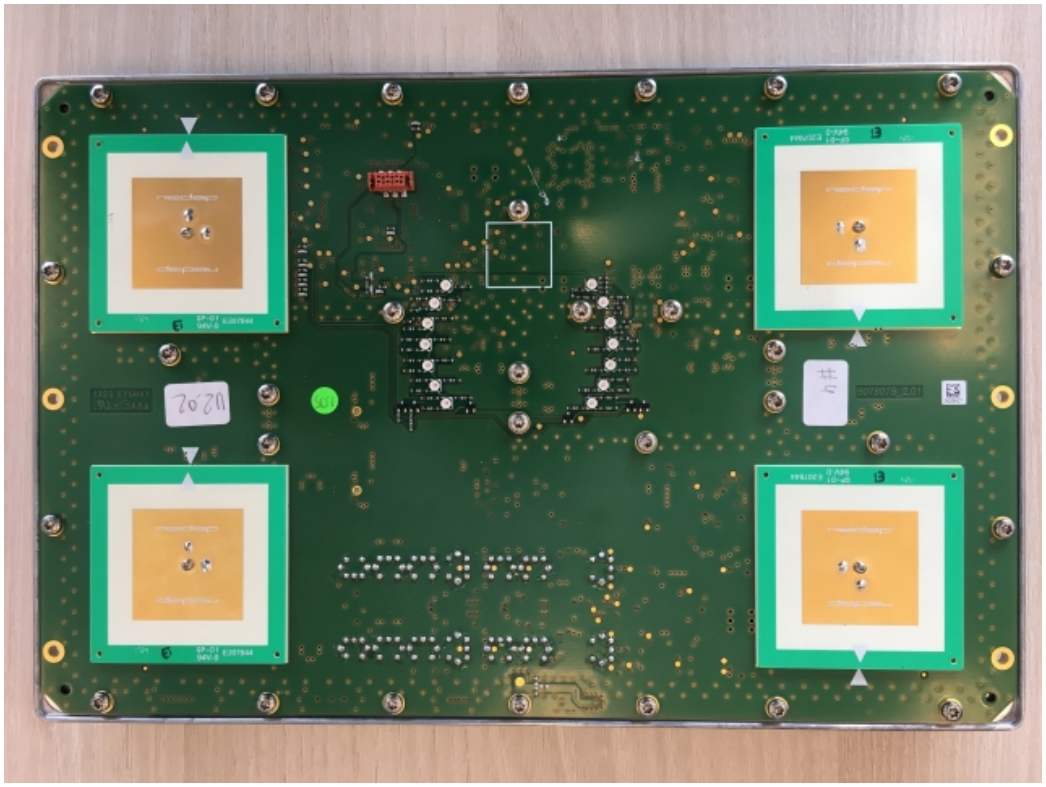


4. 2.45 GHz Part

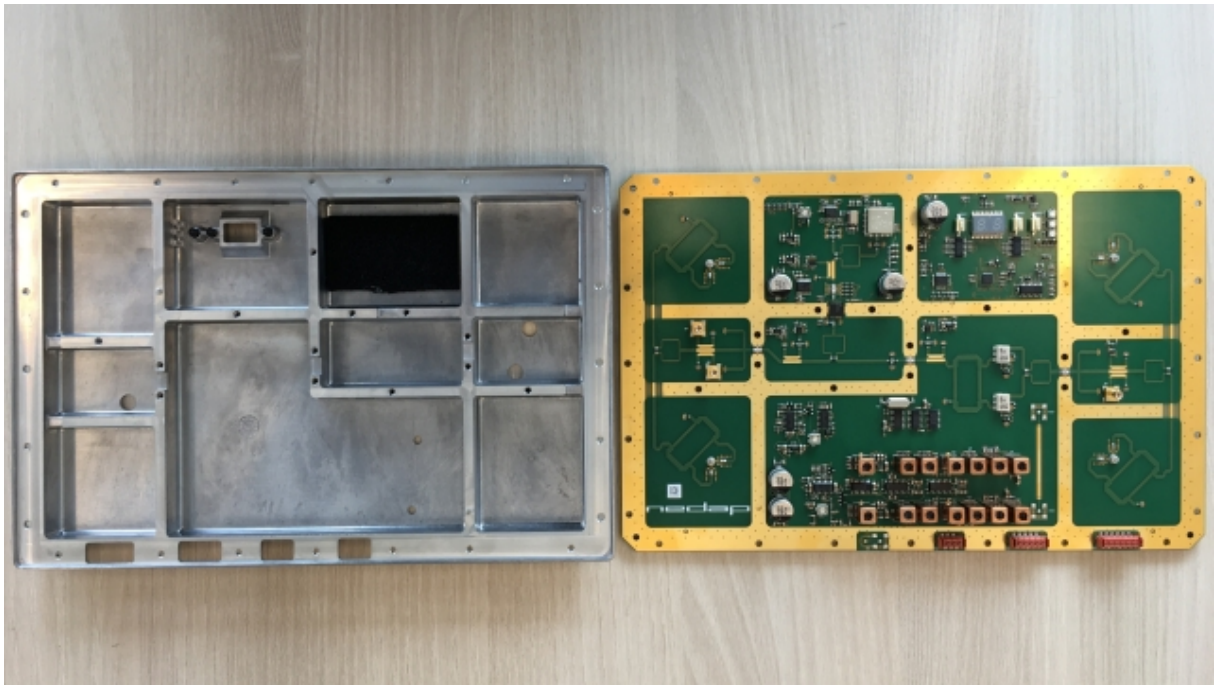
4.1. 2.45 GHz transmitter in housing



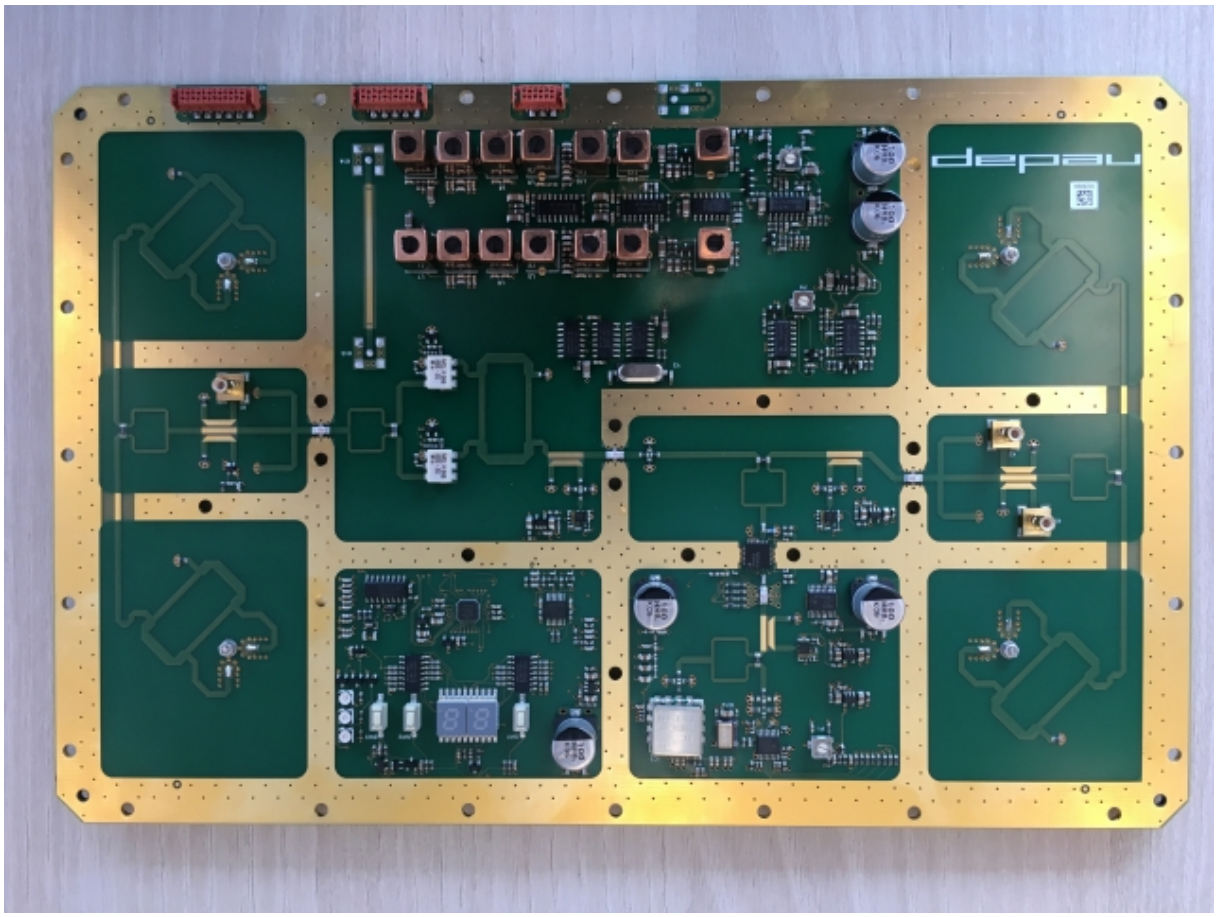
4.2. 2.45 GHz transmitter board front view



4.3. 2.45 GHz transmitter board back view with metal housing



4.4. 2.45 GHz transmitter board back view



5. 120kHz antenna

5.1. DC130 antenna for 120kHz front view

5.2. DC130 antenna for 120kHz back view