
**Reader for 120 kHz - and 13.56 MHz cards and also NFC,
QR and BT,
Model: NVR2001
Interior Photographs**

Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

Description of item

Description of EUT : Reader for 120 kHz - and 13.56 MHz cards and also NFC, QR and BT
Manufacturer : Nedap N.V.
Brand : Nedap
Models : NVR2001
FCC ID : CGDNVR2001
IC : 1444A-NVR2001
Type of service : New Application

Applicant information

Applicant's representative : René Waenink
Company : Nedap N.V.
Address : Parallelweg 2
Postal code : 7141 DC
City : Groenlo
PO-box : 6
Postal code : 7140 AA
City : Groenlo
Country : The Netherlands
Telephone number : +31 (0) 544 471111
Telefax number : +31 (0) 544 463475

24 July 2020

Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

Table of contents

1	EXTERNAL VIEW	4
2	INTERNAL VIEW.....	4
2.1	BACK PLATE REMOVED	4
2.2	BACK COVER REMOVED	5
2.3	INTERNAL OVERVIEW WITH THE ENCLOSURE	5
2.4	INTERNAL OVERVIEW WITHOUT THE ENCLOSURE.....	6
3	PRINTED CIRCUIT BOARDS.....	6
3.1	13.56 MHz LEGIC AND BT.....	6
3.2	120 KHZ PART AND SHIELD 13.56 MHz	7
3.3	120 KHZ PART AND SHIELD 13.56 MHz WITH CONNECTOR	7
3.4	PCB CARRIER CONNECTIONS.....	7
3.5	PCB CARRIER.....	8
3.6	CARRIER	8
3.7	NXP MCONTROLLER	8

Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

1 External view



NVR2001

2 Internal view

2.1 Back plate removed



Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

2.2 Back cover removed

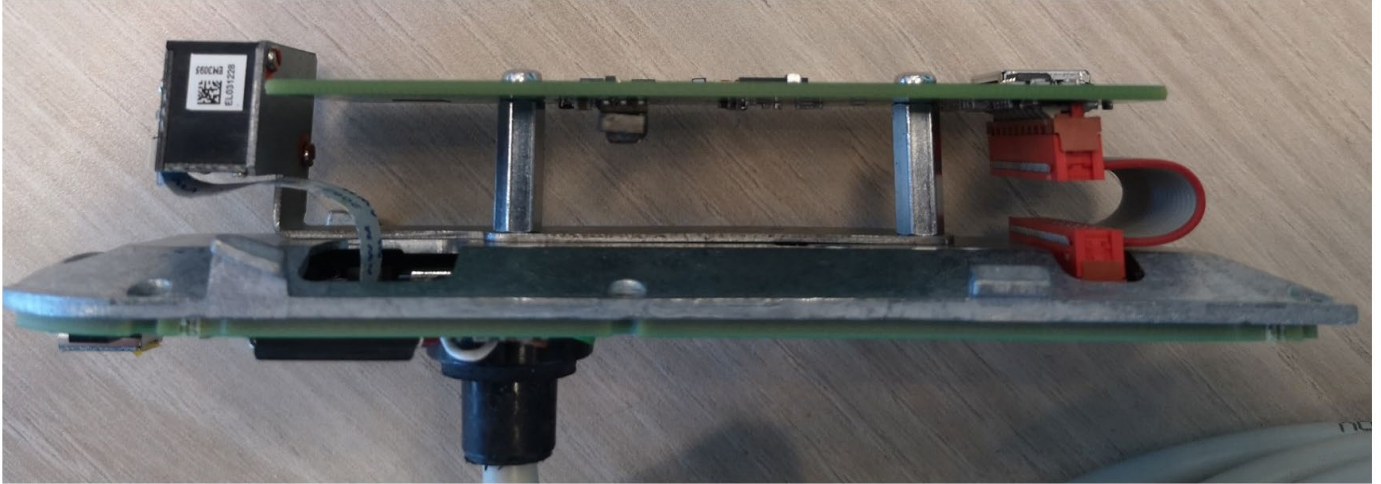


2.3 Internal overview with the enclosure



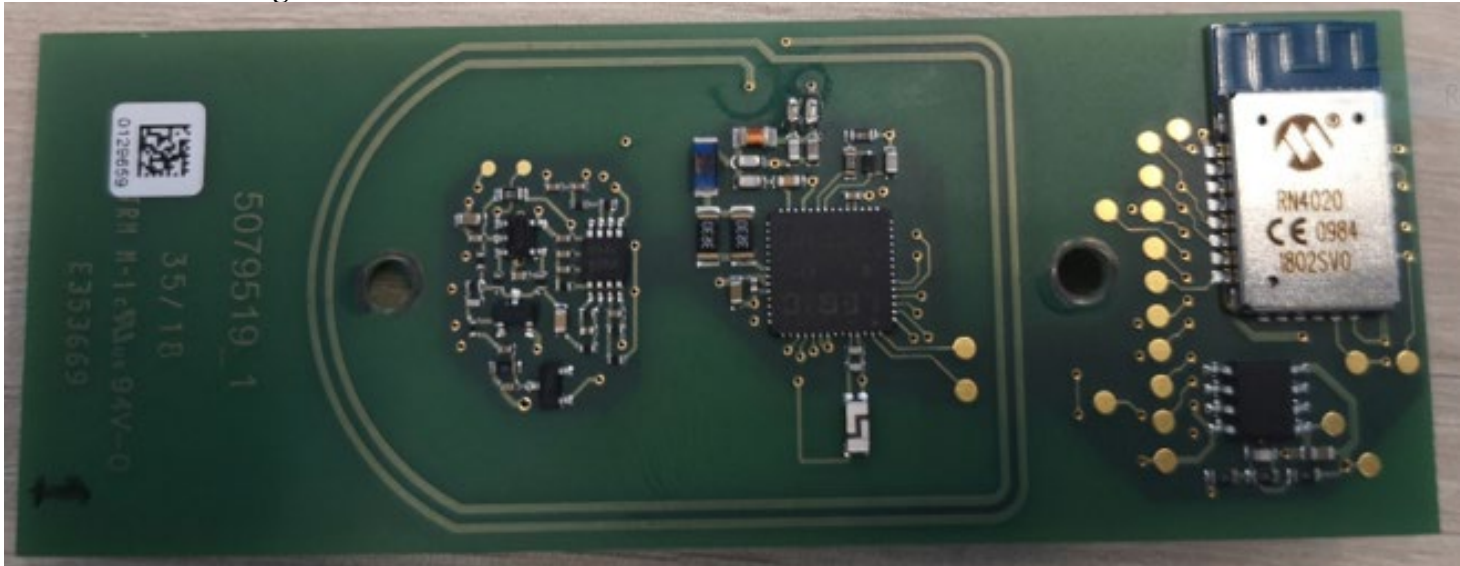
Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

2.4 Internal overview without the enclosure



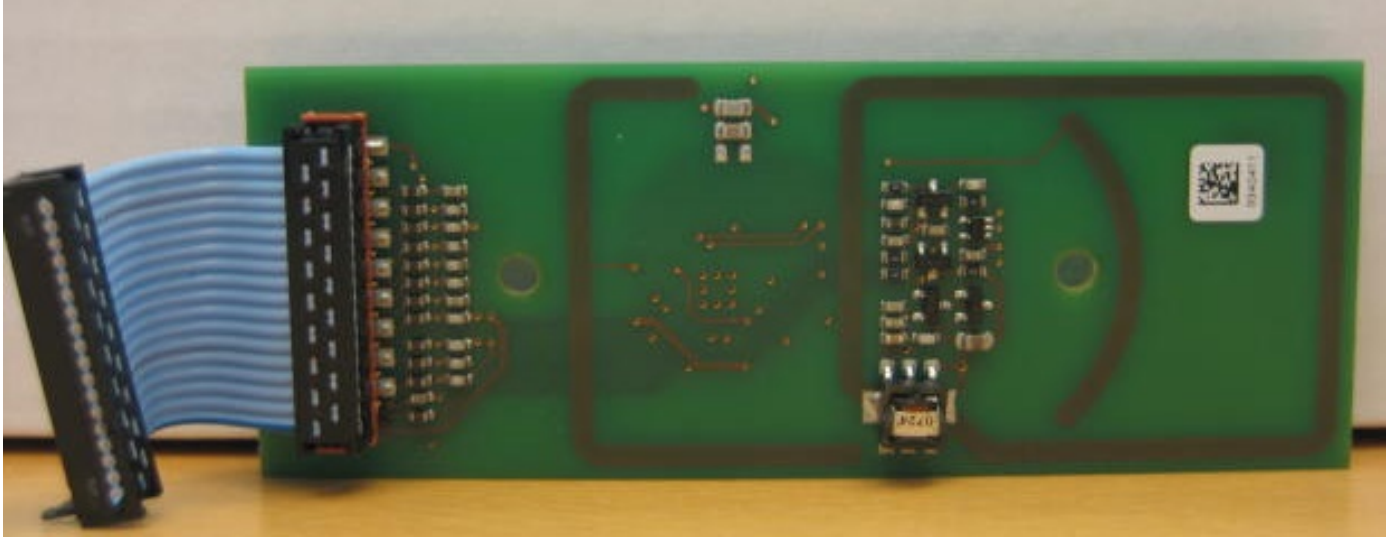
3 Printed circuit boards

3.1 13.56 MHz Legic and BT

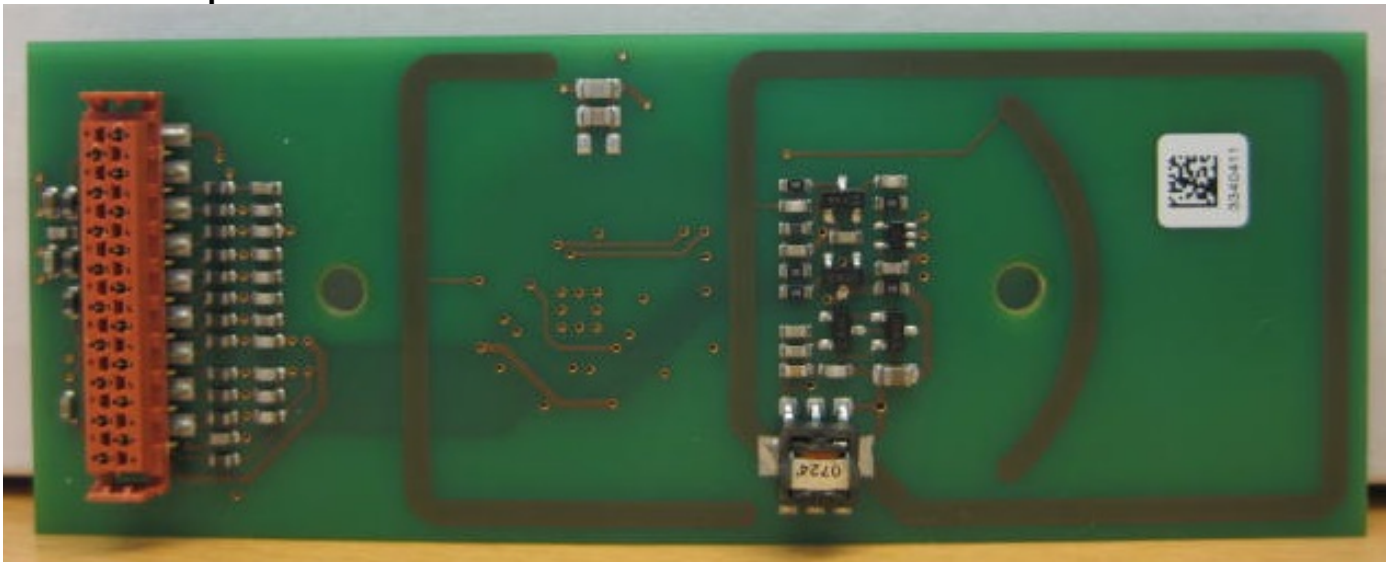


Description of EUT: Reader for 120 kHz - and 13.56 MHz cards
and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

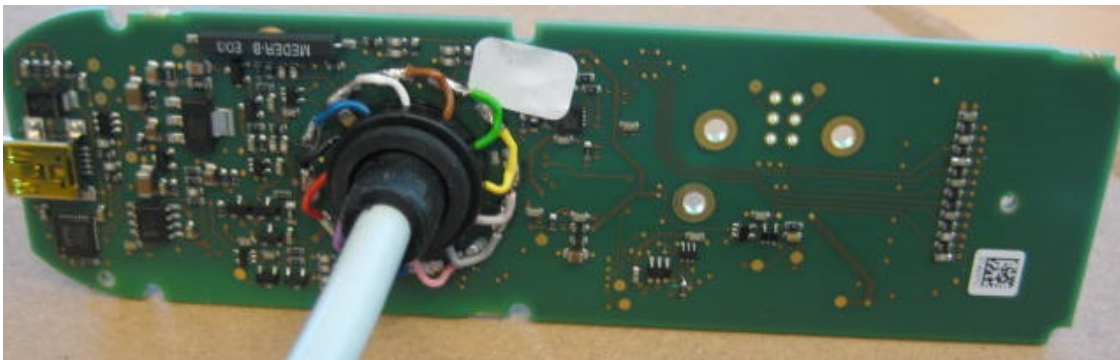
3.2 120 kHz part and shield 13.56 MHz



3.3 120 kHz part and shield 13.56 MHz with connector

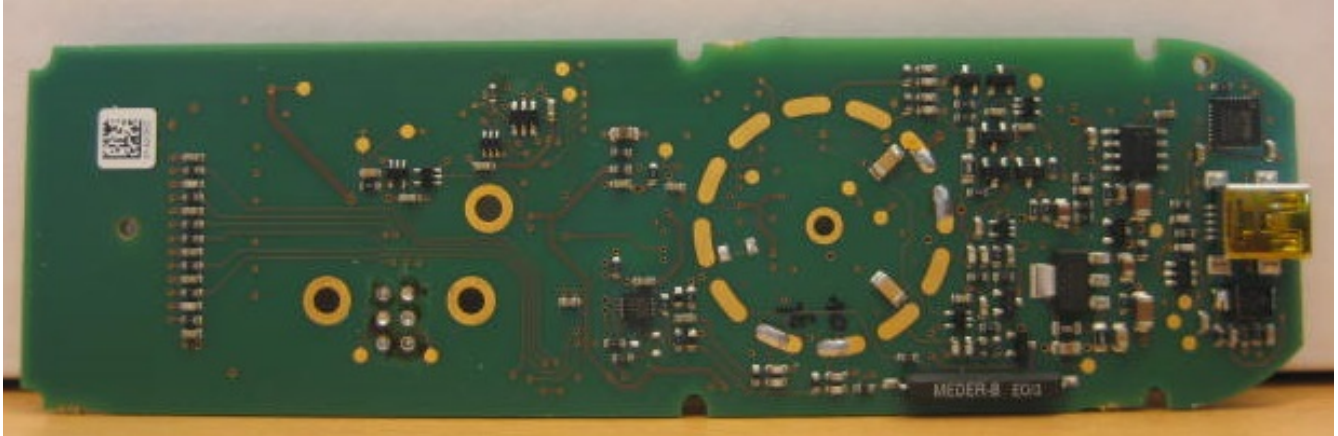


3.4 PCB carrier connections

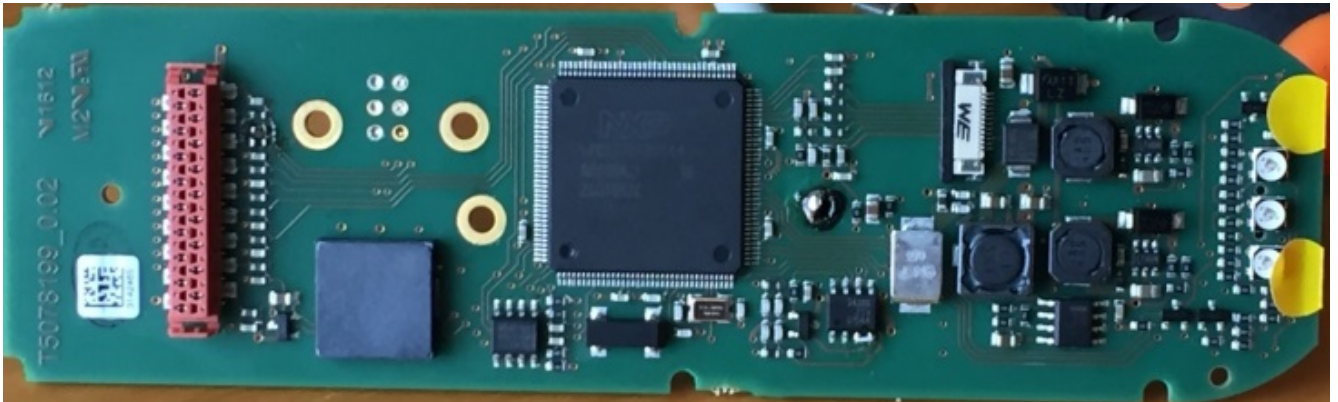


Description of EUT: Reader for 120 kHz - and 13.56 MHz cards and also NFC, QR and BT
Manufacturer: Nedap N.V.
Brand mark: Nedap
Model: NVR2001
FCC ID: CGDNVR2001
IC: 1444A-NVR2001
Type of Service: New Application

3.5 PCB carrier



3.6 Carrier



3.7 NXP μ controller

