

**INTERIOR PHOTOGRAPHS OF A BIOMETRIC
FINGERPRINT READER WITH 13.56 MHZ
INDUCTIVE PROXIMITY CARD READER,
OPERATING ON 13.56 MHZ, BRAND INTEGRATED
ENGINEERING, MODEL SMARTTOUCH™ XTREME**

FCC listed : 90828
Industry Canada : IC3501
VCCI Registered : R-1518, C-1598
R&TTE, LVD, EMC Notified Body : 1856

TNO Electronic Products & Services (EPS) B.V.
P.O. Box 15
9822 ZG Niekerk (NL)
Smidshornerweg 18
9822 TL Niekerk (NL)

Telephone: +31 594 505005
Telefax: +31 594 504804

Internet: www.tno-eps.com
E-mail: info@tno-eps.com



Description of EUT: Biometric Fingerprint Reader with 13.56 MHz Inductive Proximity Card Reader
Manufacturer: Integrated Engineering BV
Brand mark: Integrated Engineering
Model: SmartTOUCH™ Xtreme
FCC ID: P4E-SMARTPIN-7

Description of test item

Test item	:	Biometric Fingerprint Reader with 13.56 MHz Inductive Proximity Card Reader
Manufacturer	:	Integrated Engineering B.V.
Brand mark	:	Integrated Engineering
Model	:	SmartTOUCH™ Xtreme
Serial number(s)	:	n.a.

Applicant information

Applicant's representative	:	Ir. R. Holslag
Company	:	Integrated Engineering B.V.
Address	:	Paasheuvelweg 20
Postal code	:	1105 BJ
City	:	Amsterdam
Country	:	The Netherlands
Telephone number	:	+31 (0) 20 46 20 755
Telefax number	:	+31 (0) 20 46 20 756



Description of EUT: Biometric Fingerprint Reader with 13.56 MHz
Inductive Proximity Card Reader
Manufacturer: Integrated Engineering BV
Brand mark: Integrated Engineering
Model: SmartTOUCH™ Xtreme
FCC ID: P4E-SMARTPIN-7

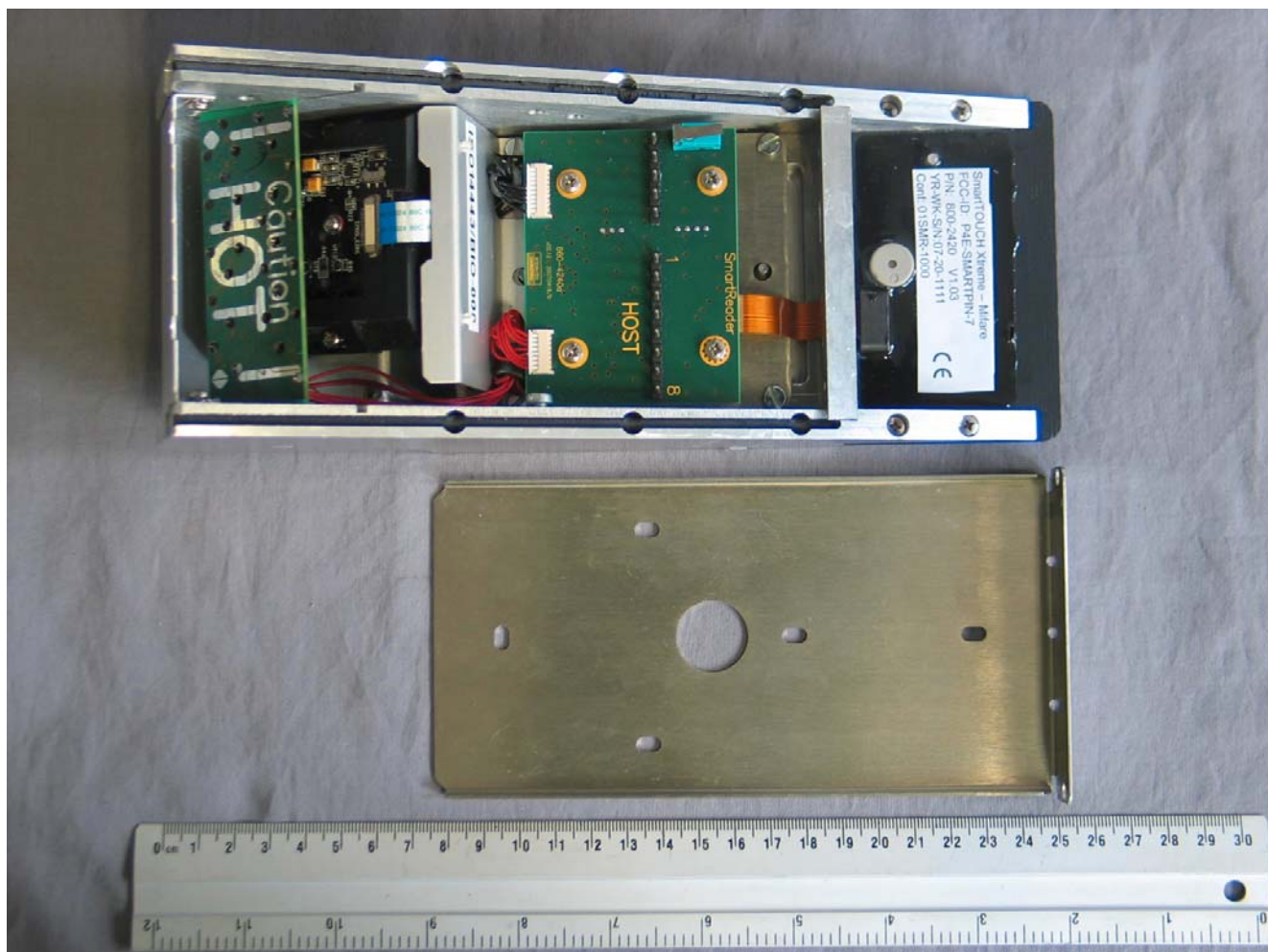
Table of contents

1	Photographs of the equipment	4
1.1	Front view	4
1.2	Overview	5
1.3	Host	6
1.4	Host rare view	7
1.5	Heater print component side	8
1.6	Heater print rare side	9
1.7	Finger print processor	10
1.8	Finger print processor	11
1.9	Finger print detector print (top)	12
1.10	Finger print detector print (rare)	13
1.11	Keypad	14
1.12	Keypad (rare)	15
1.13	Transmitter 13.56MHz	16
1.14	Transmitter rare view	17

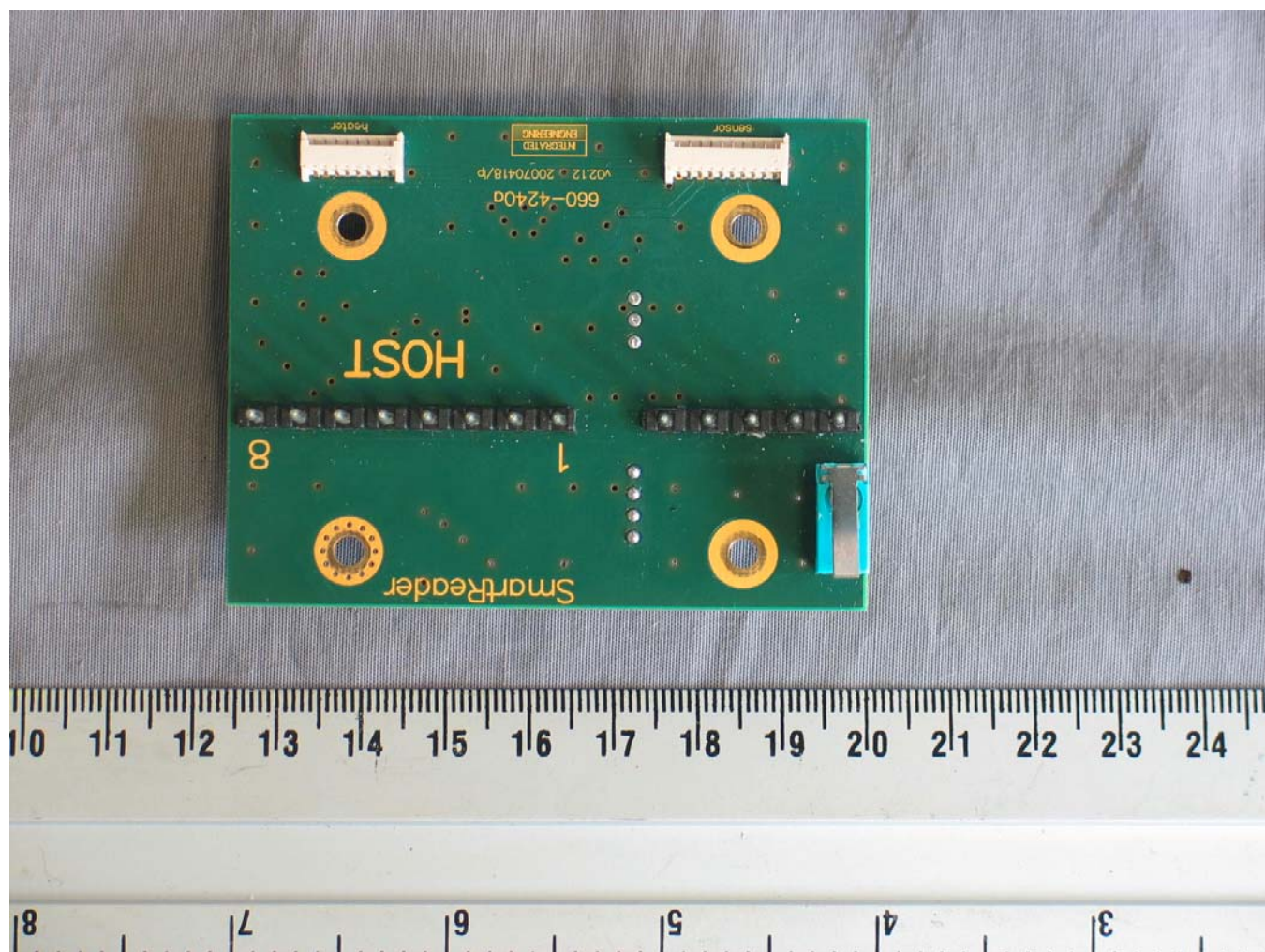
1 Photographs of the equipment

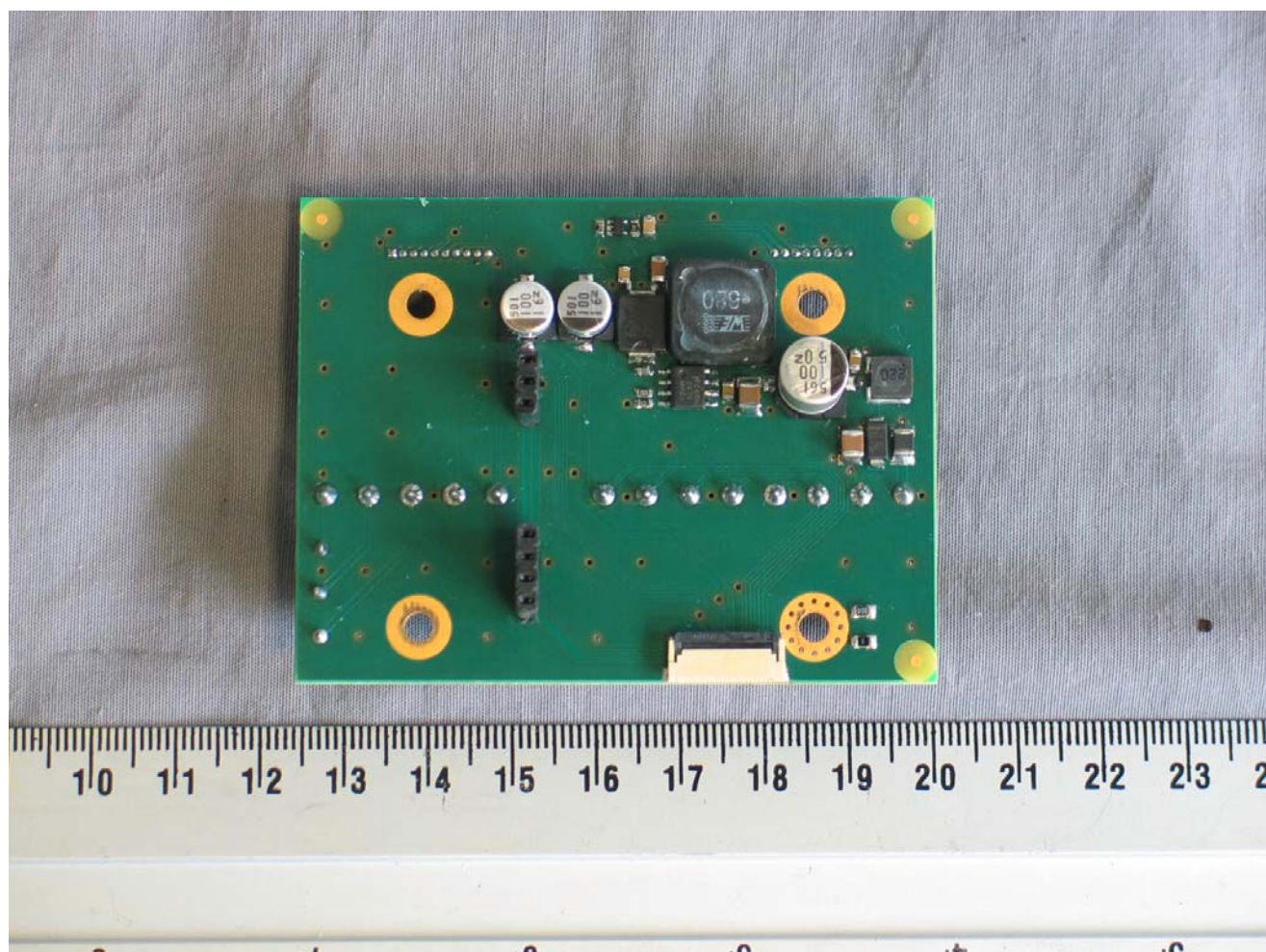
1.1 Front view



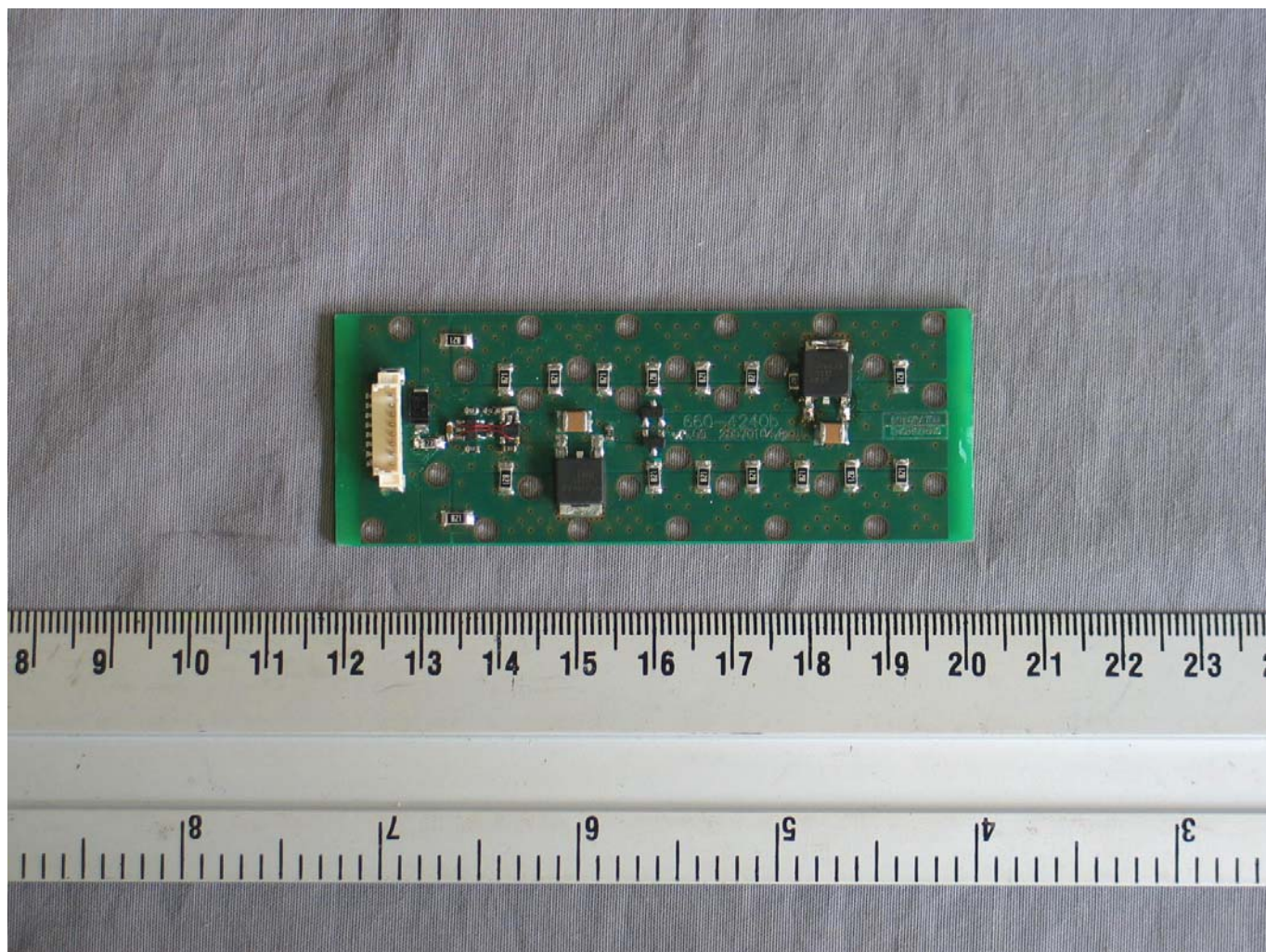


1.3 Host





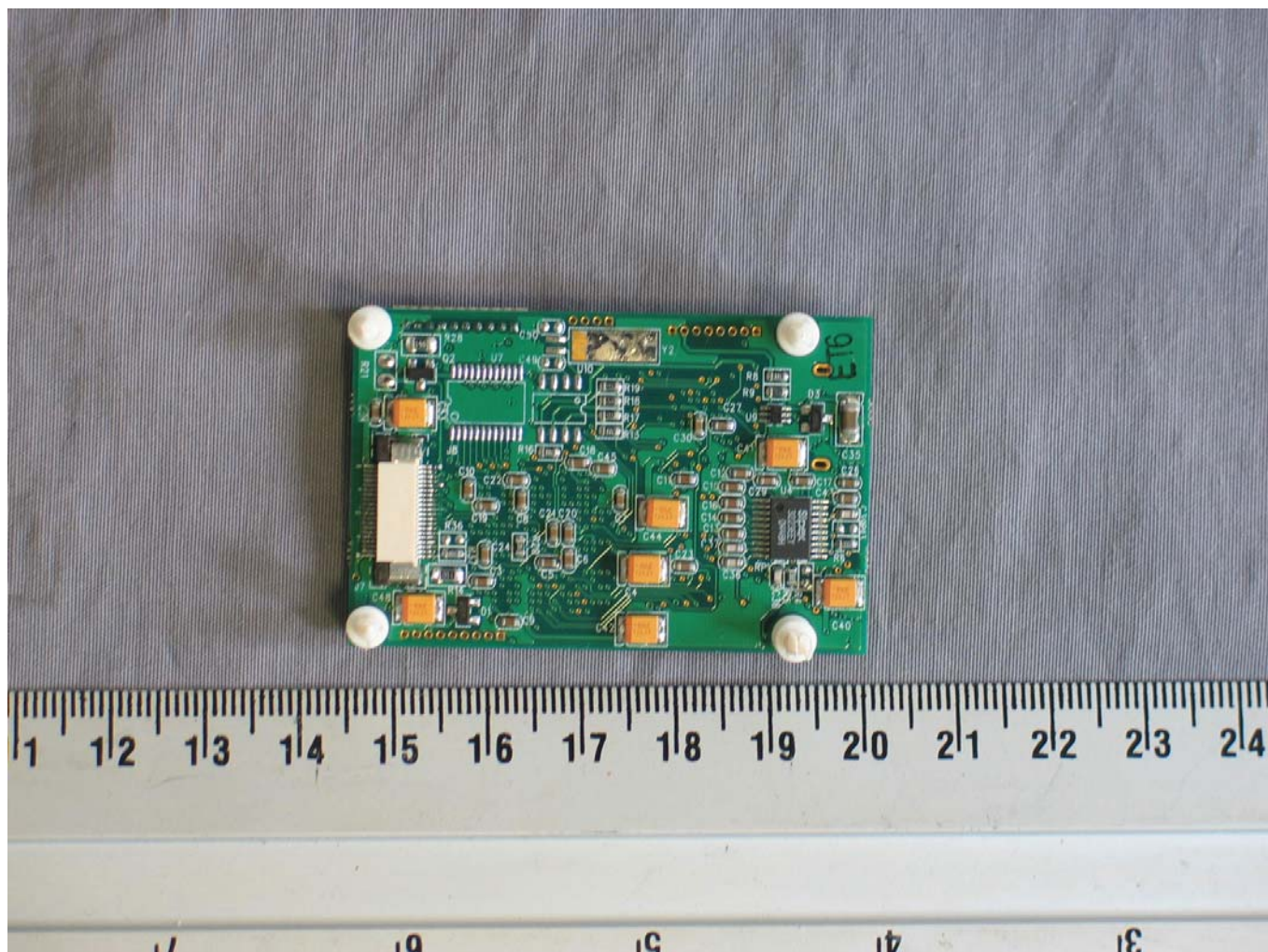
1.5 Heater print component side



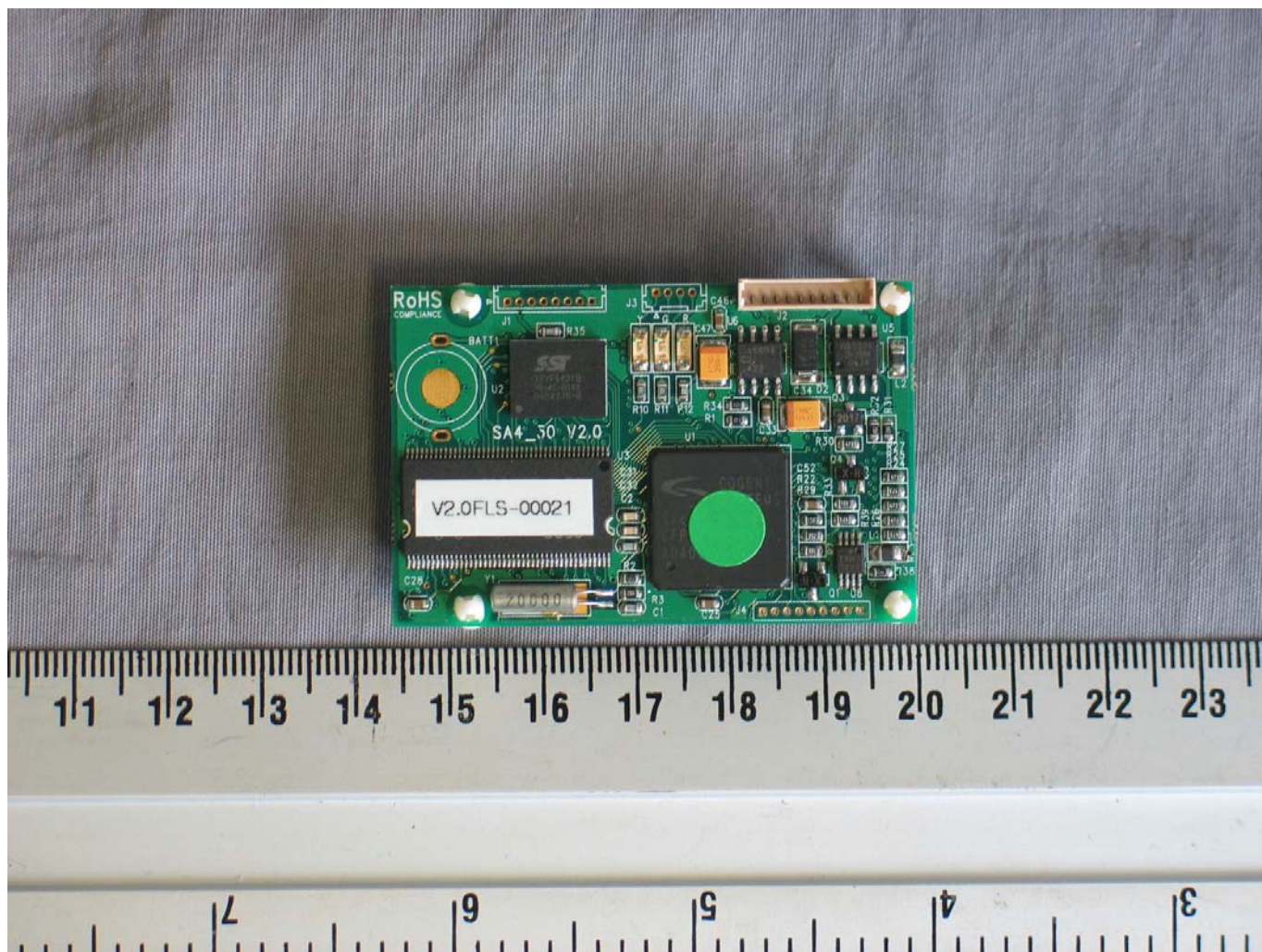
1.6 Heater print rare side



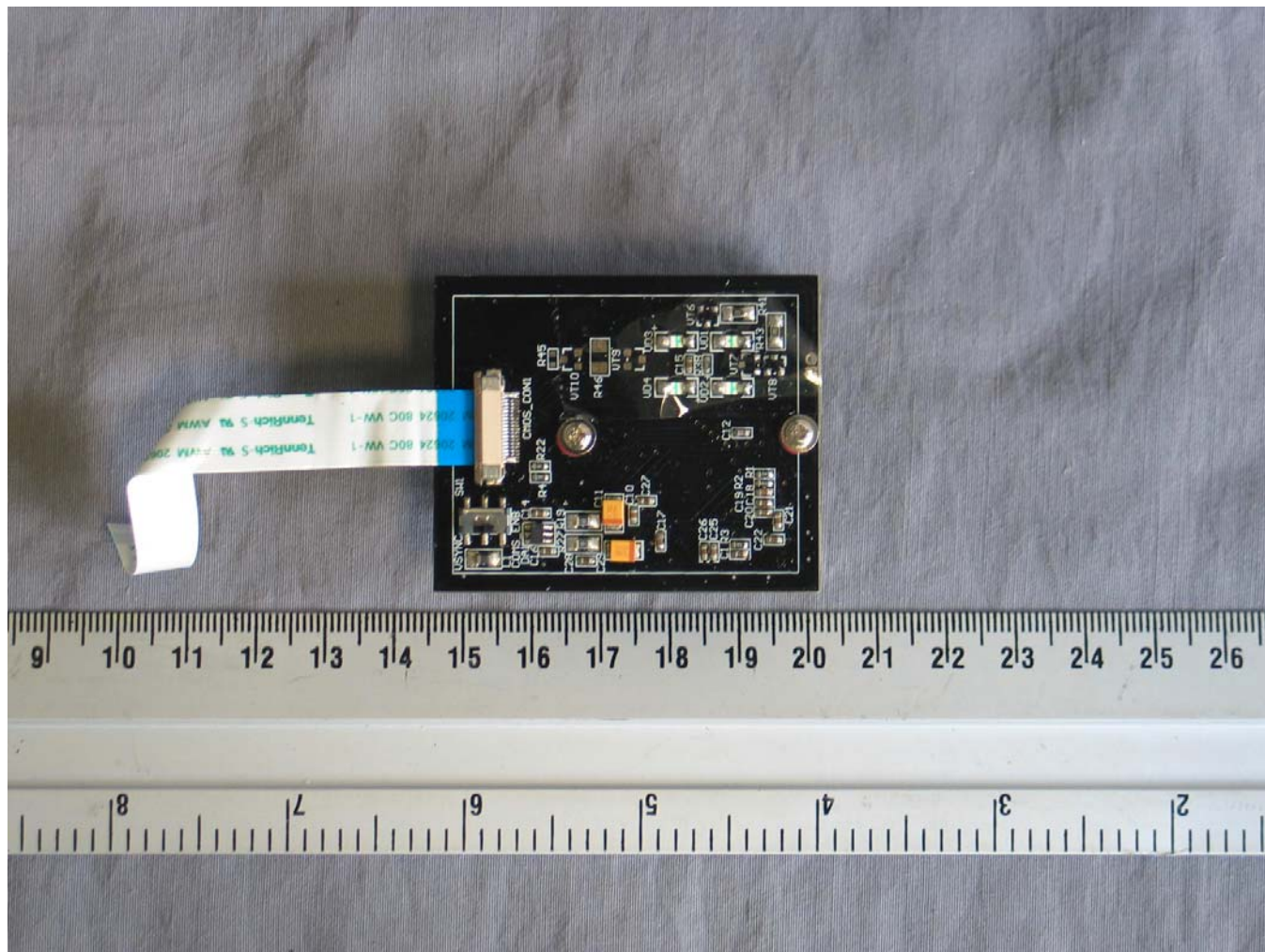
1.7 Finger print processor



1.8 Finger print processor



1.9 Finger print detector print (top)



1.10 Finger print detector print (rare)



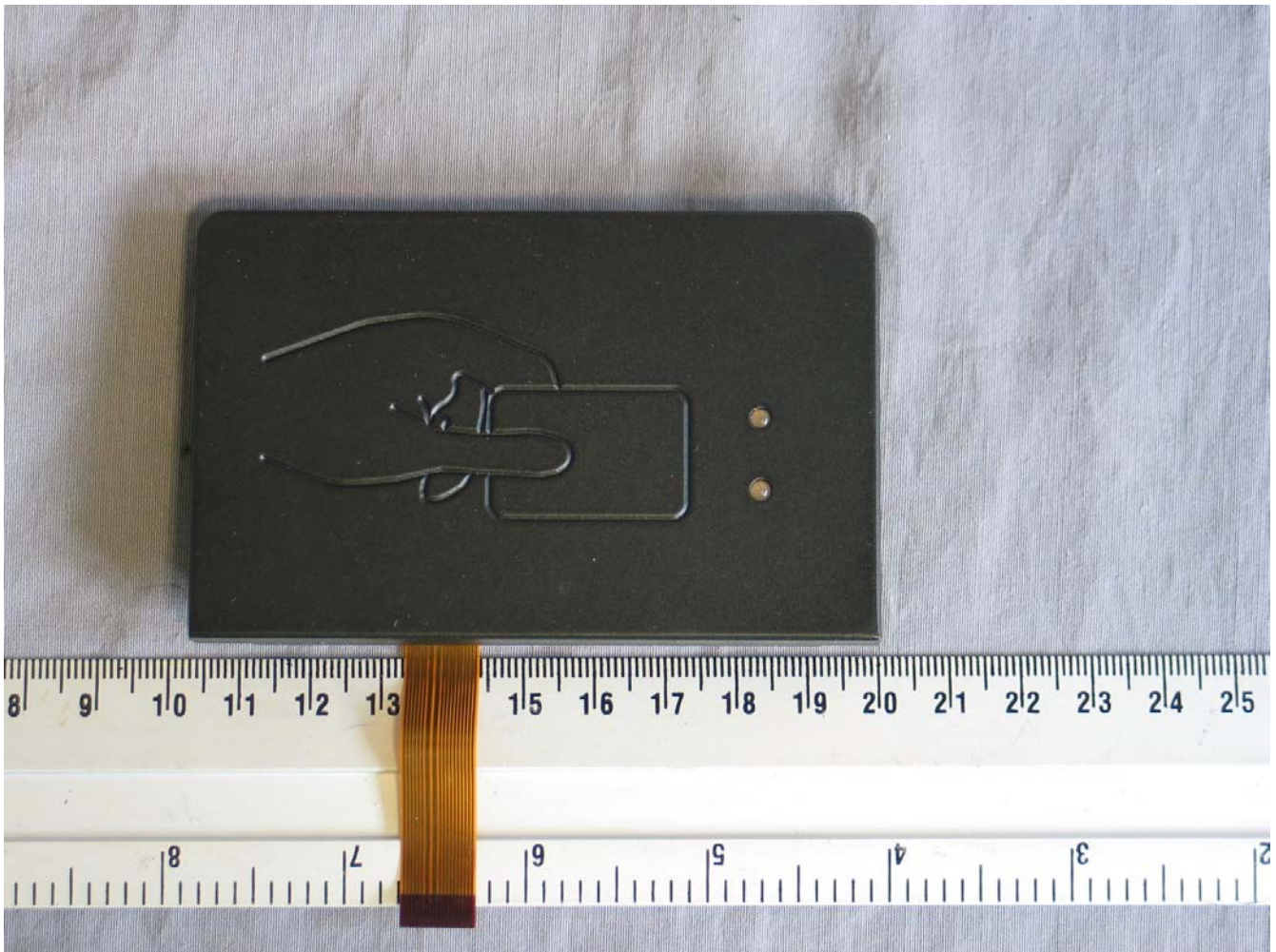
1.11 Keypad



1.12 Keypad (rare)



1.13 Transmitter 13.56MHz



1.14 Transmitter rare view

