

**PHOTOGRAPHS OF THE INTERIOR OF A
RADAR LEVEL TANK GAUGE,
BRAND HONEYWELL ENRAF,
MODEL SMART RADAR FLEXLINE**

**13071103.p01
October 10, 2013**

FCC listed : 90828
Industry Canada : 2932G-2
R&TTE, LVD, EMC Notified Body : 1856

**TÜV Rheinland EPS
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Description of test item

Test item	:	Radar Level Tank Gauge
Manufacturer	:	Enraf B.V.
Brand	:	Honeywell Enraf
Model	:	SmartRadar FlexLine
Serial number(s)	:	990-proto
FCC ID	:	LOM990SRFL-2
IC	:	8554A-990SRFL
Contains FCC ID	:	S57500025034
Contains IC	:	5731-50025034

Applicant information

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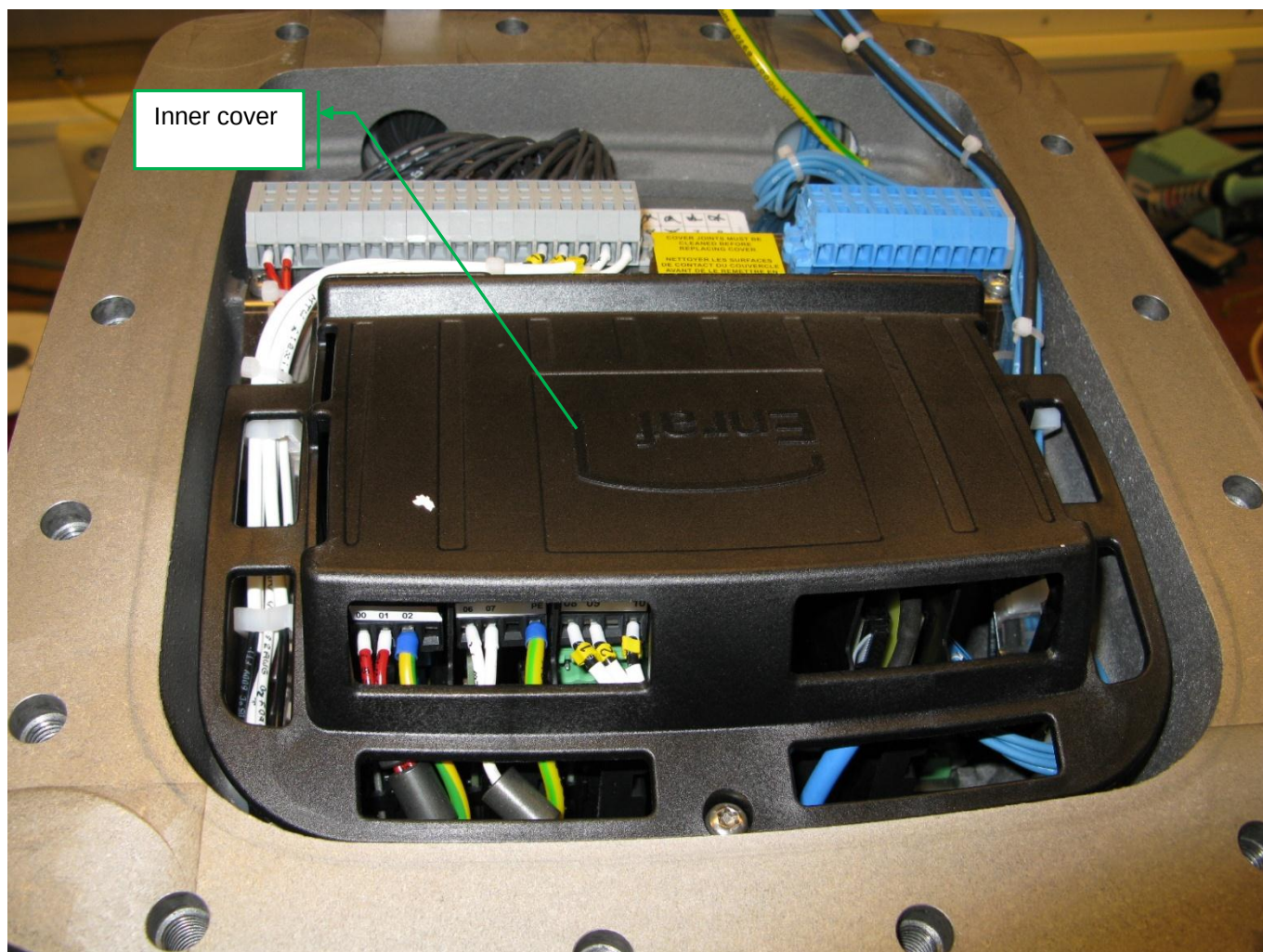
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1.1 General view.

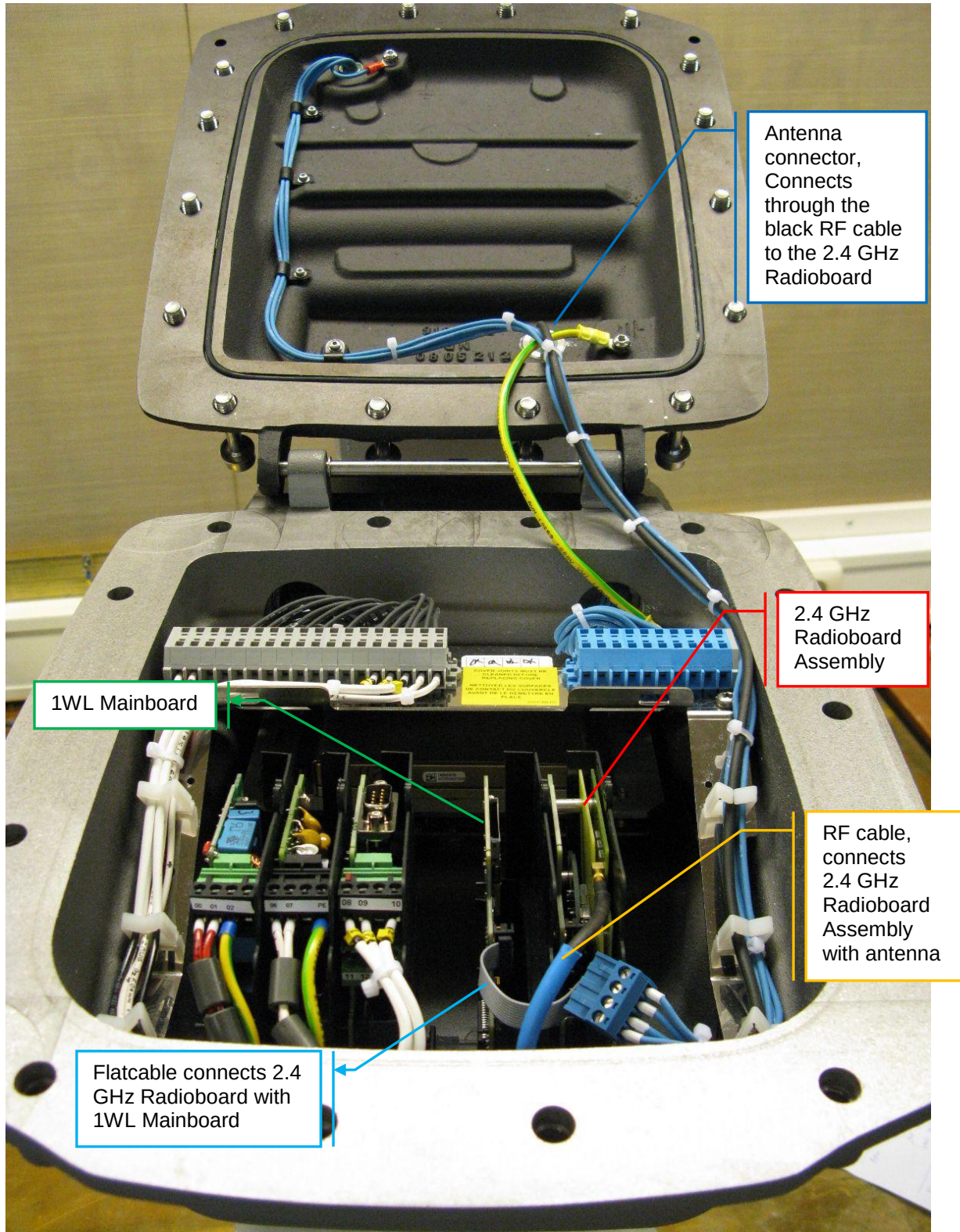


1.2 View Inside

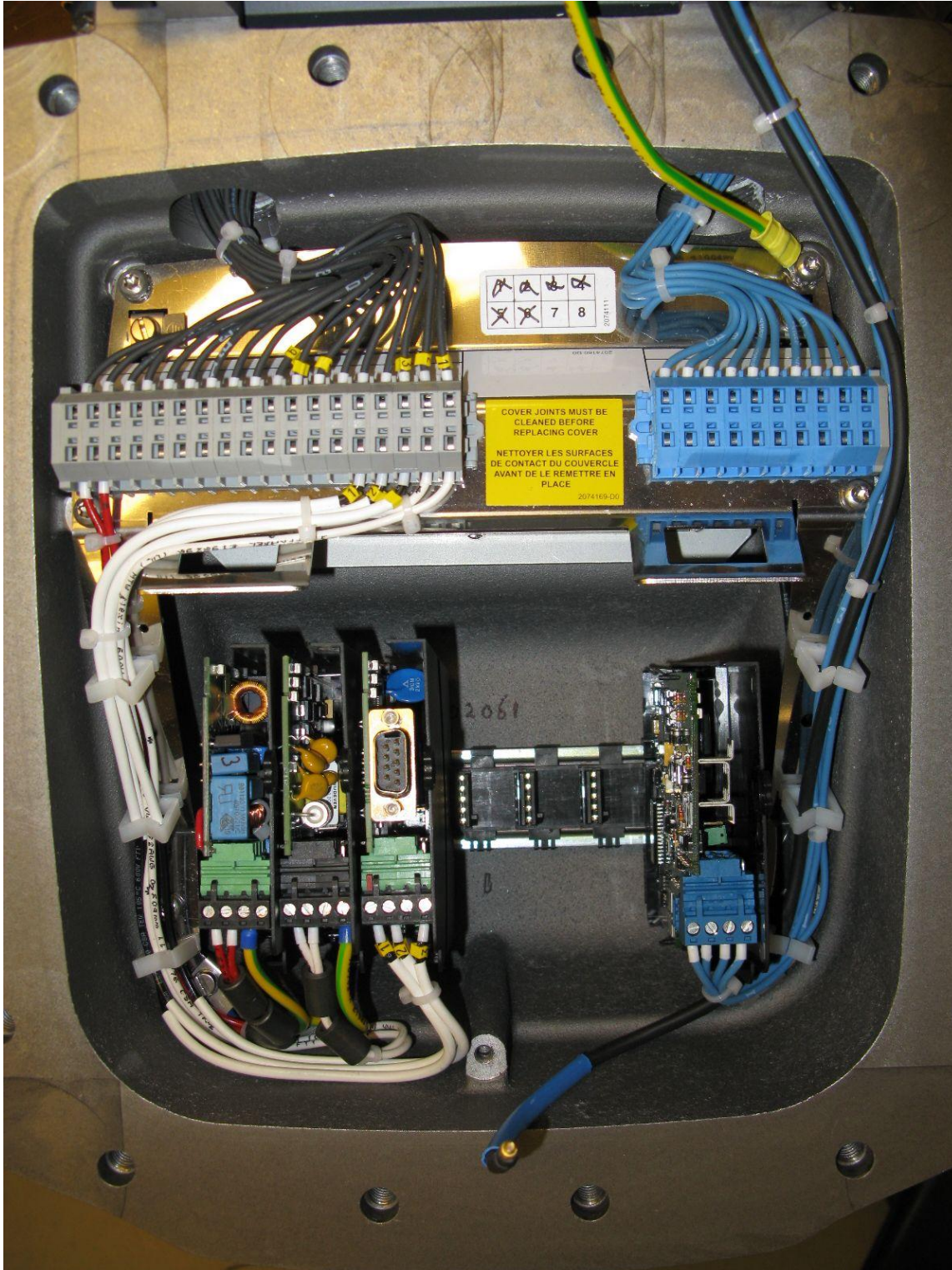
1.2.1 View Inside, Inner cover in place



1.2.2 View Inside, Inner cover and SMV board removed



1.2.2.1 View Inside, Inner cover removed and 2.4 GHz Radioboard and 1WL Mainboard removed

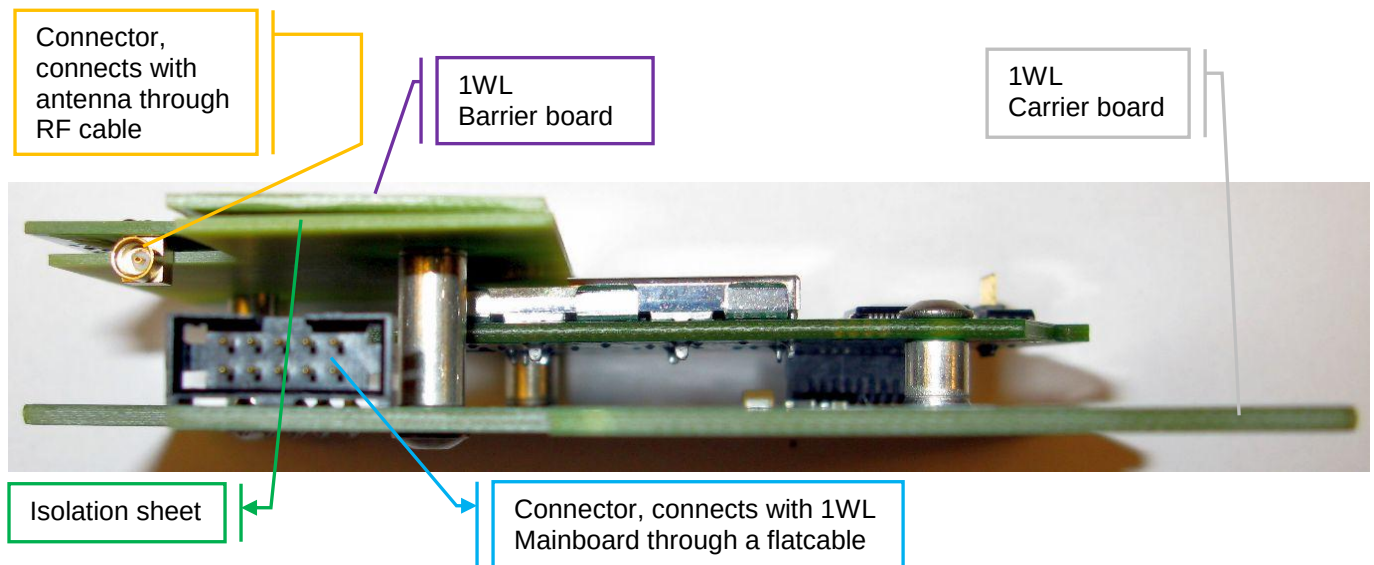


1.2.2.2 View of the antenna connector from the inside

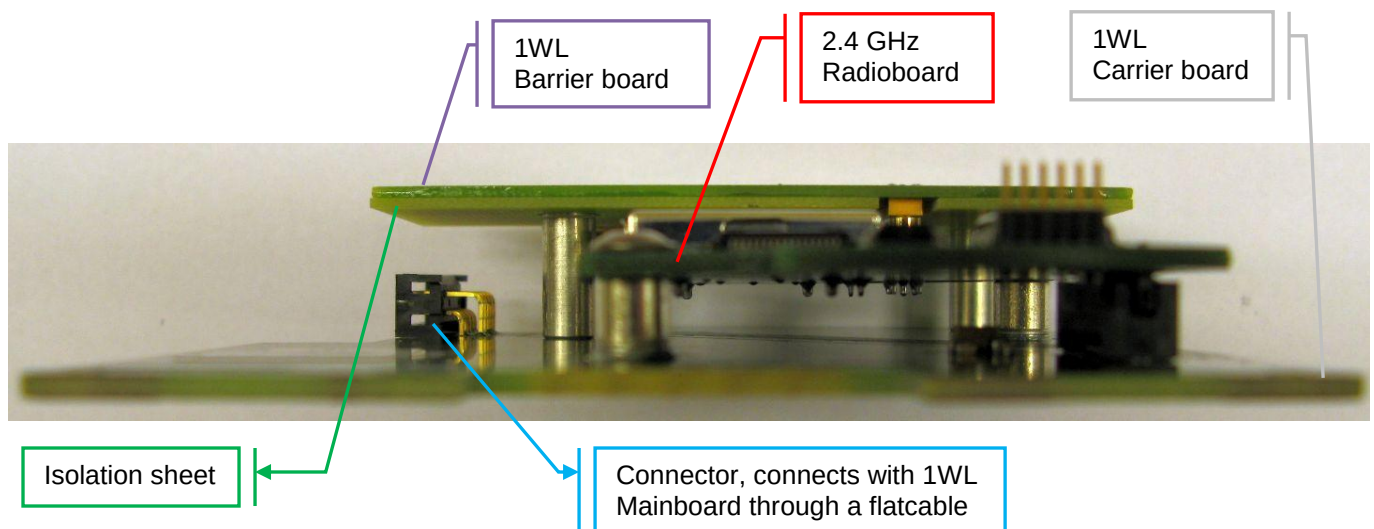


1.3 Radioboard 2.4 GHz, FCC ID: S5750025034, mounted between Carrierboard and Barrierboard

1.3.1 Radioboard 2.4 GHz, overview side 1

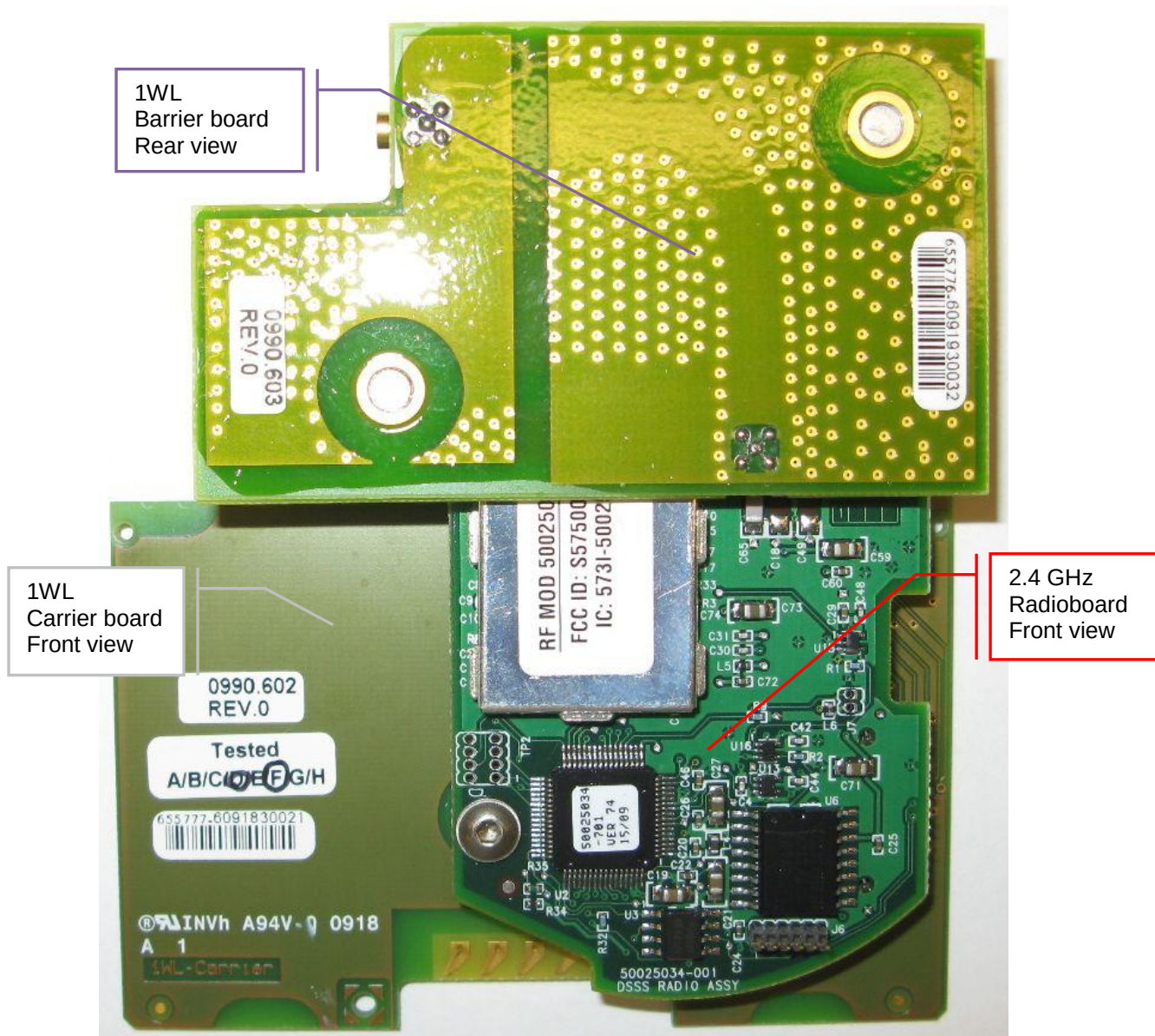


1.3.2 Radioboard 2.4 GHz, overview side 2

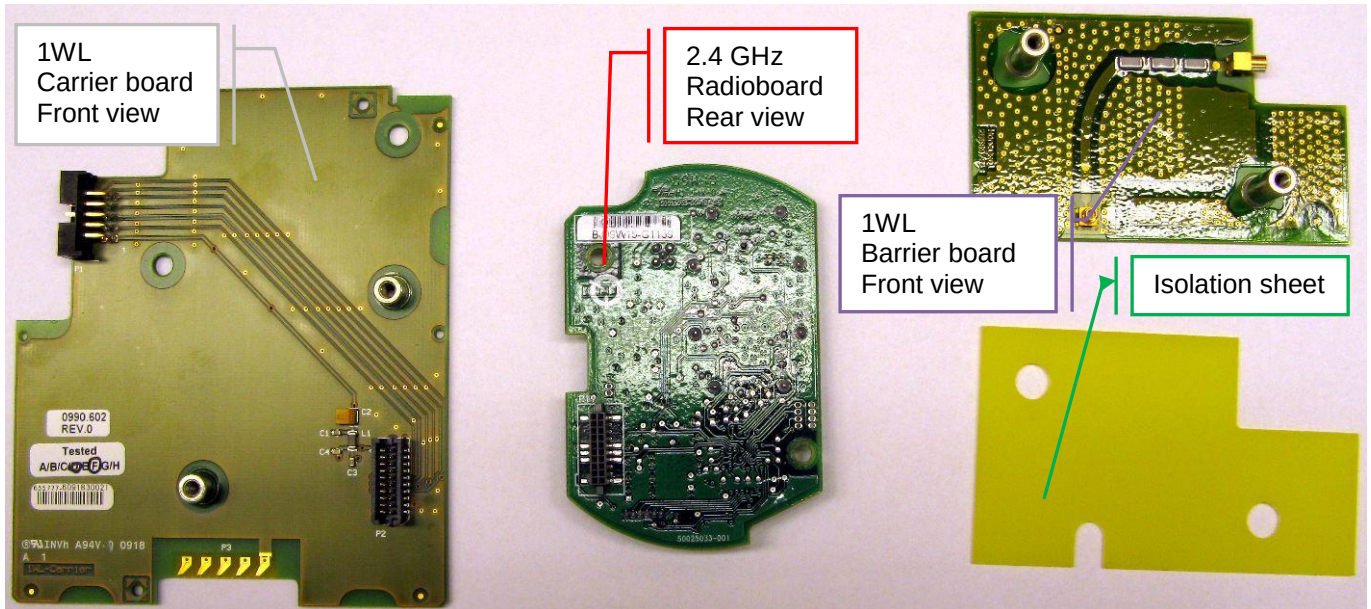


1.4 Radioboard 2.4 GHz, FCC ID: S5750025034 IC: 5731-50025034, dismantled

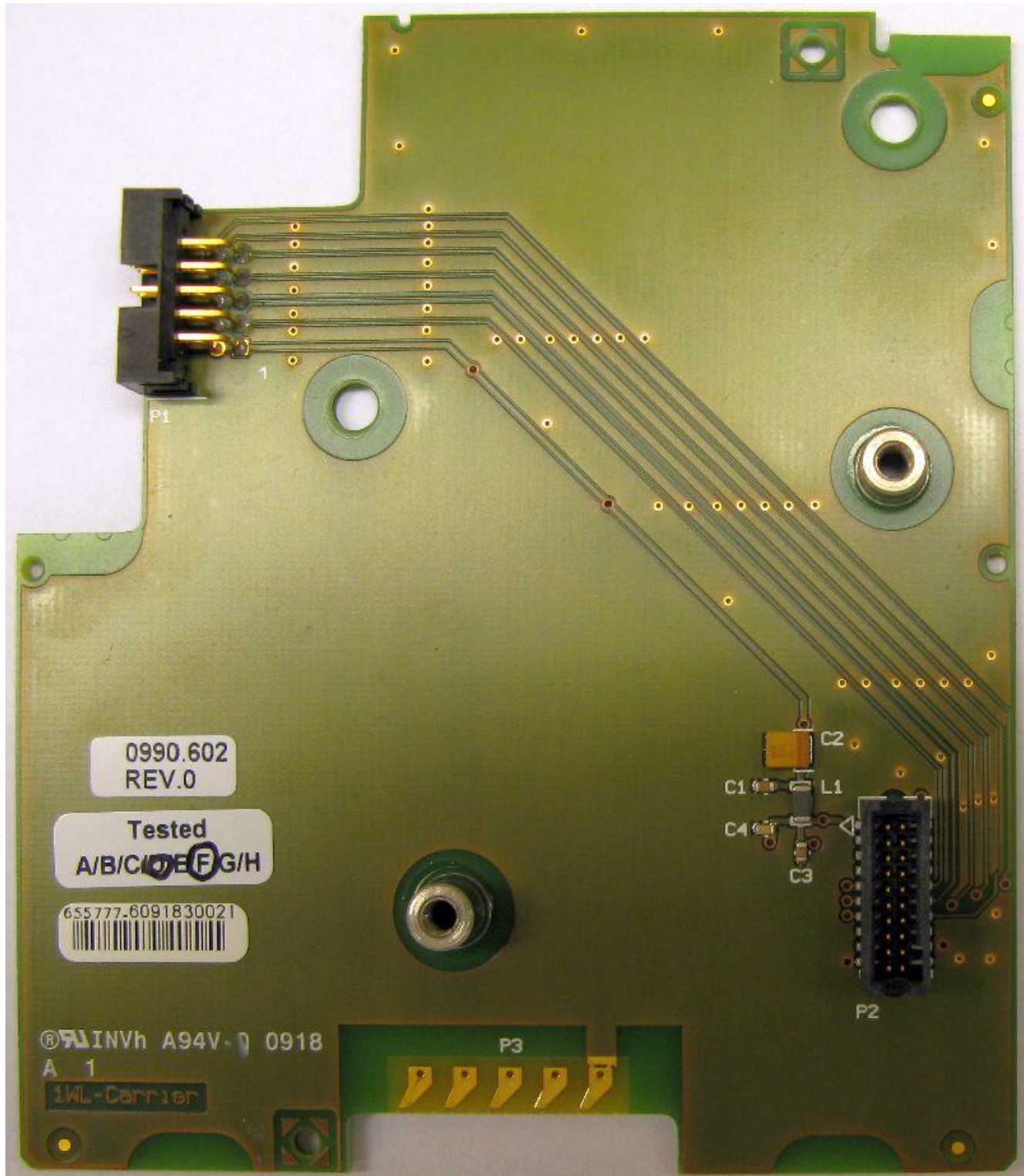
1.4.1 Radioboard 2.4 GHz, dismantled from Carrierboard and Barrierboard, front view



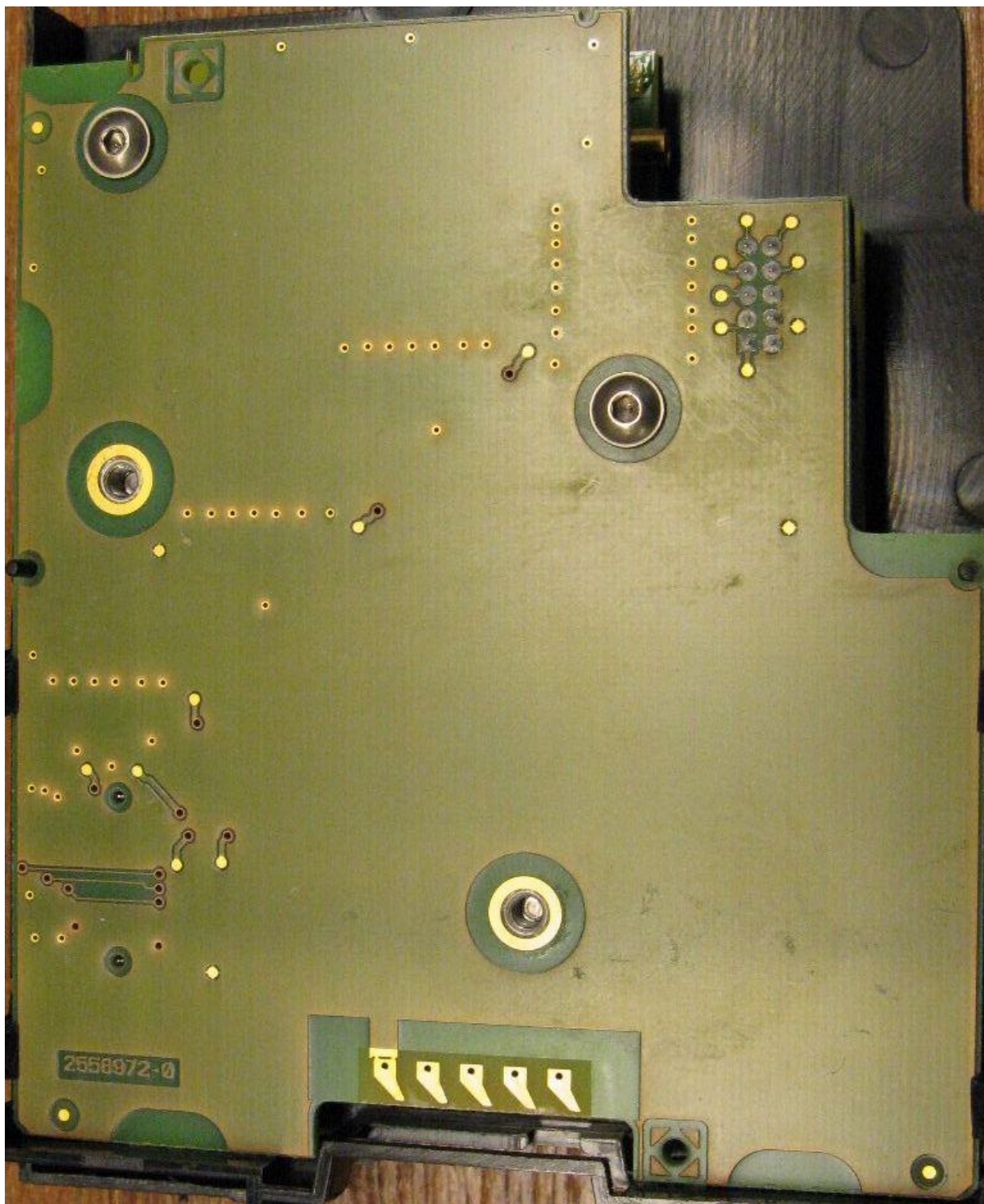
1.4.2 Radioboard 2.4 GHz, dismantled from Carrierboard and Barrierboard, all boards separated



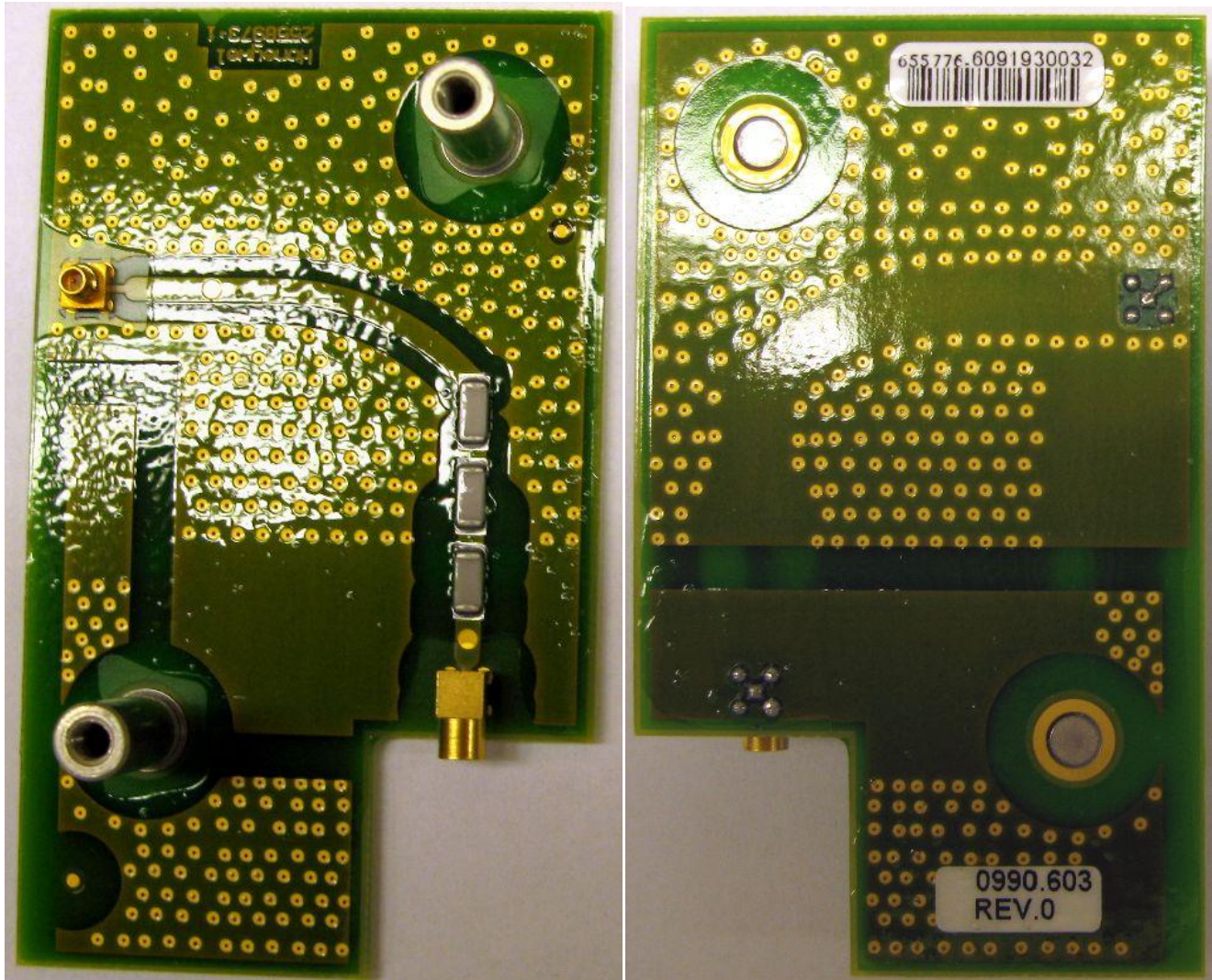
1.4.2.1 Carrier board, front view



1.4.2.2 Carrier board , rear view



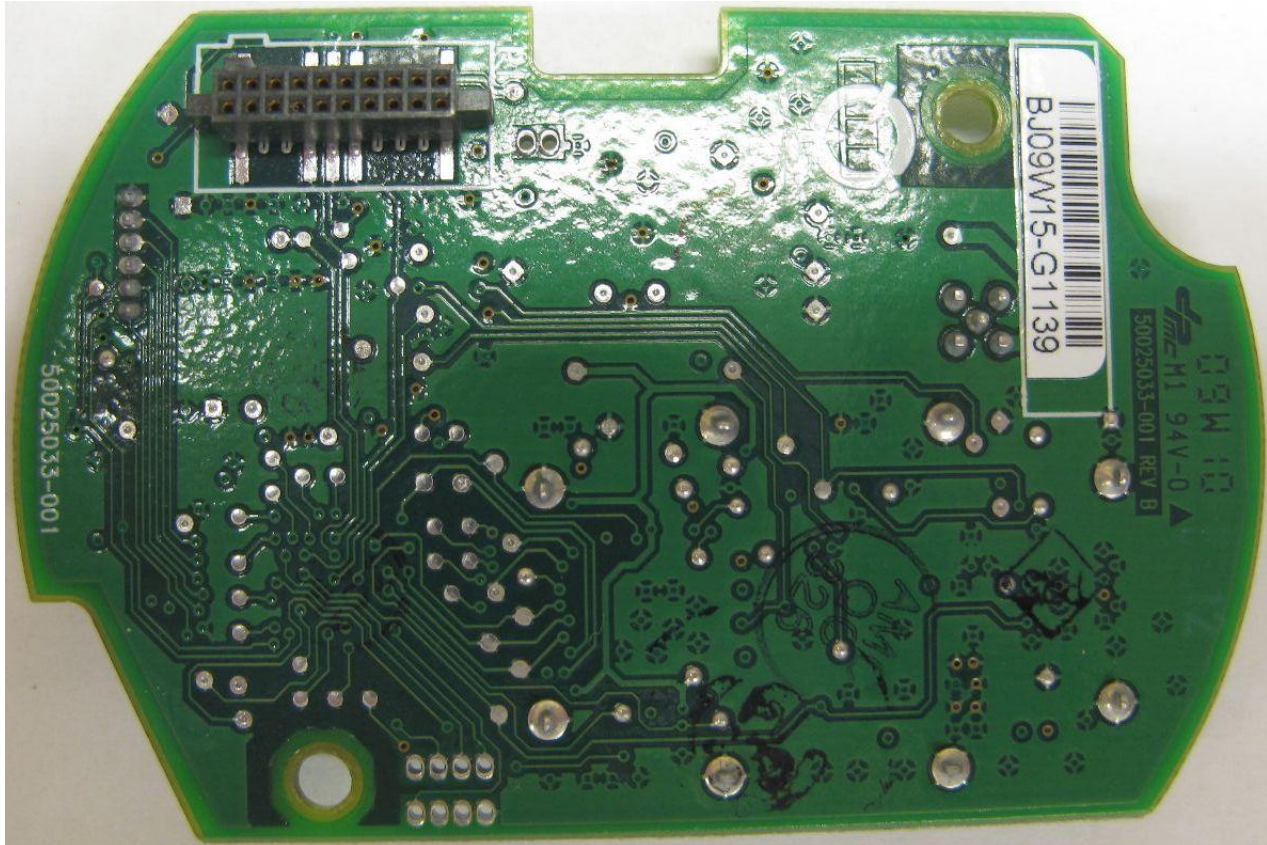
1.4.2.3 Barrier board, front (left) and rear (rear) view



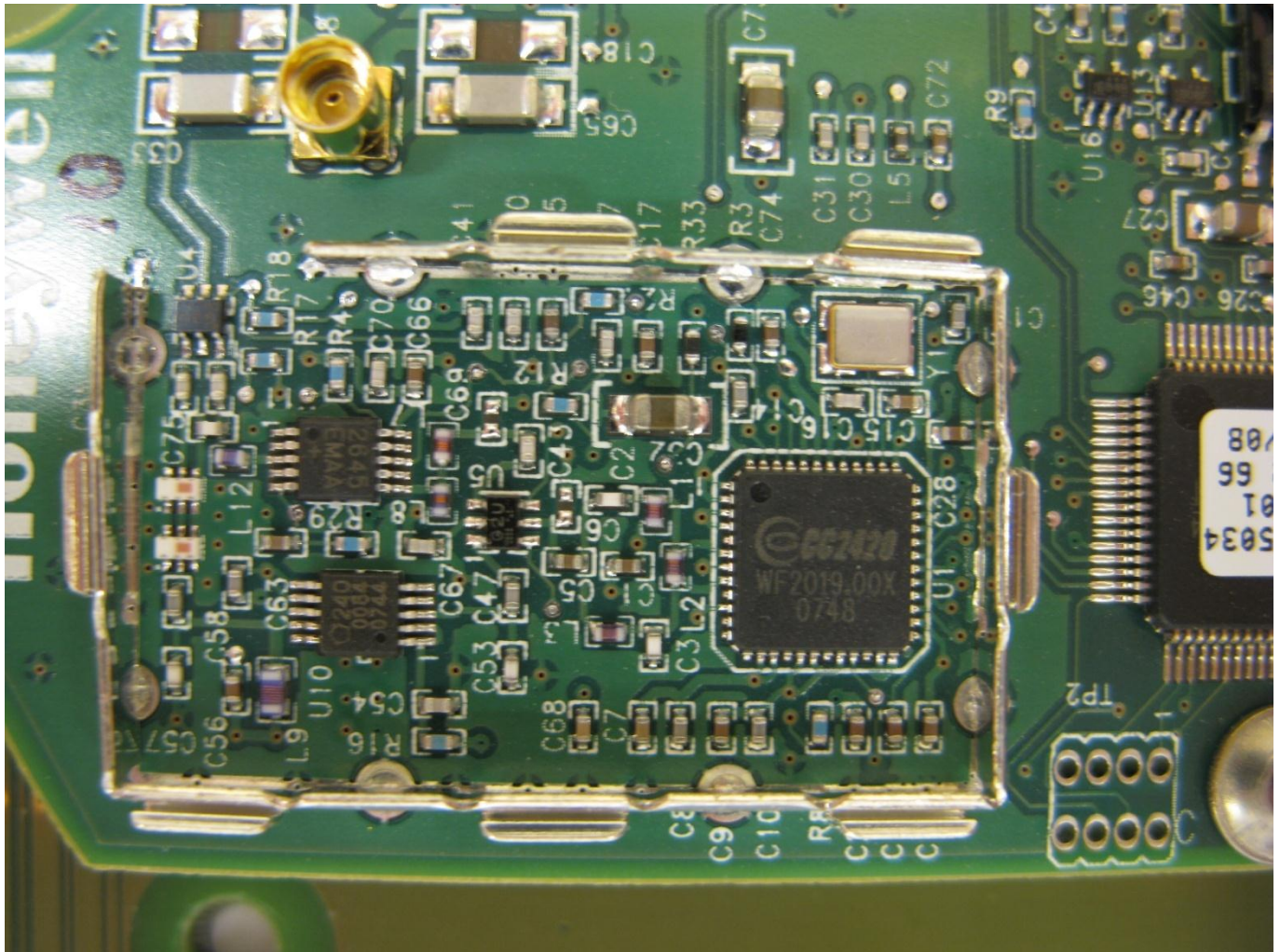
1.4.3 Radioboard 2.4 GHz, front view



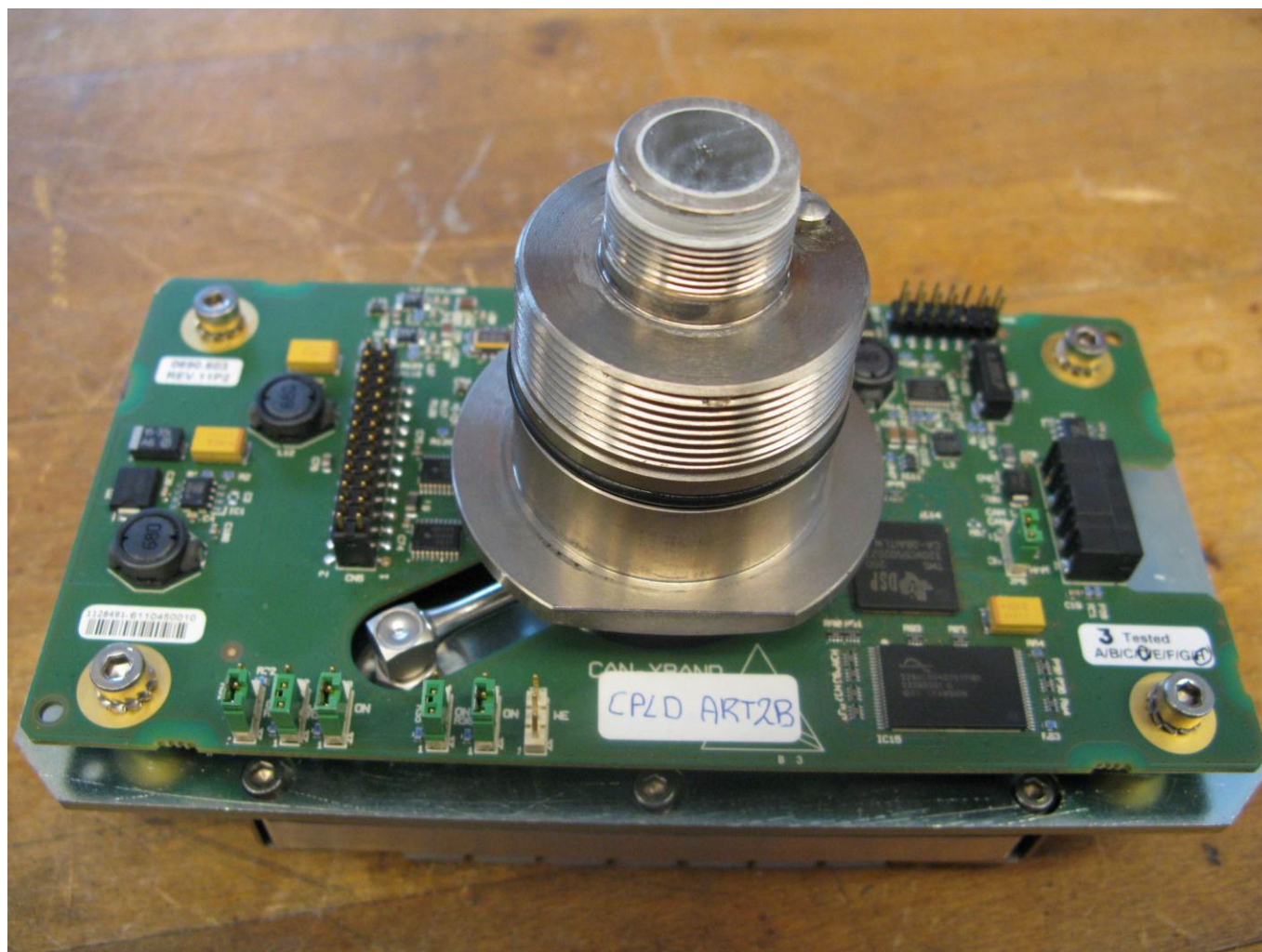
1.4.4 Radioboard 2.4 GHz, rear view



1.4.5 Radioboard 2.4 GHz, front view, shield removed



1.5 Radar unit ART2b with controllerboard TII-XRBoard

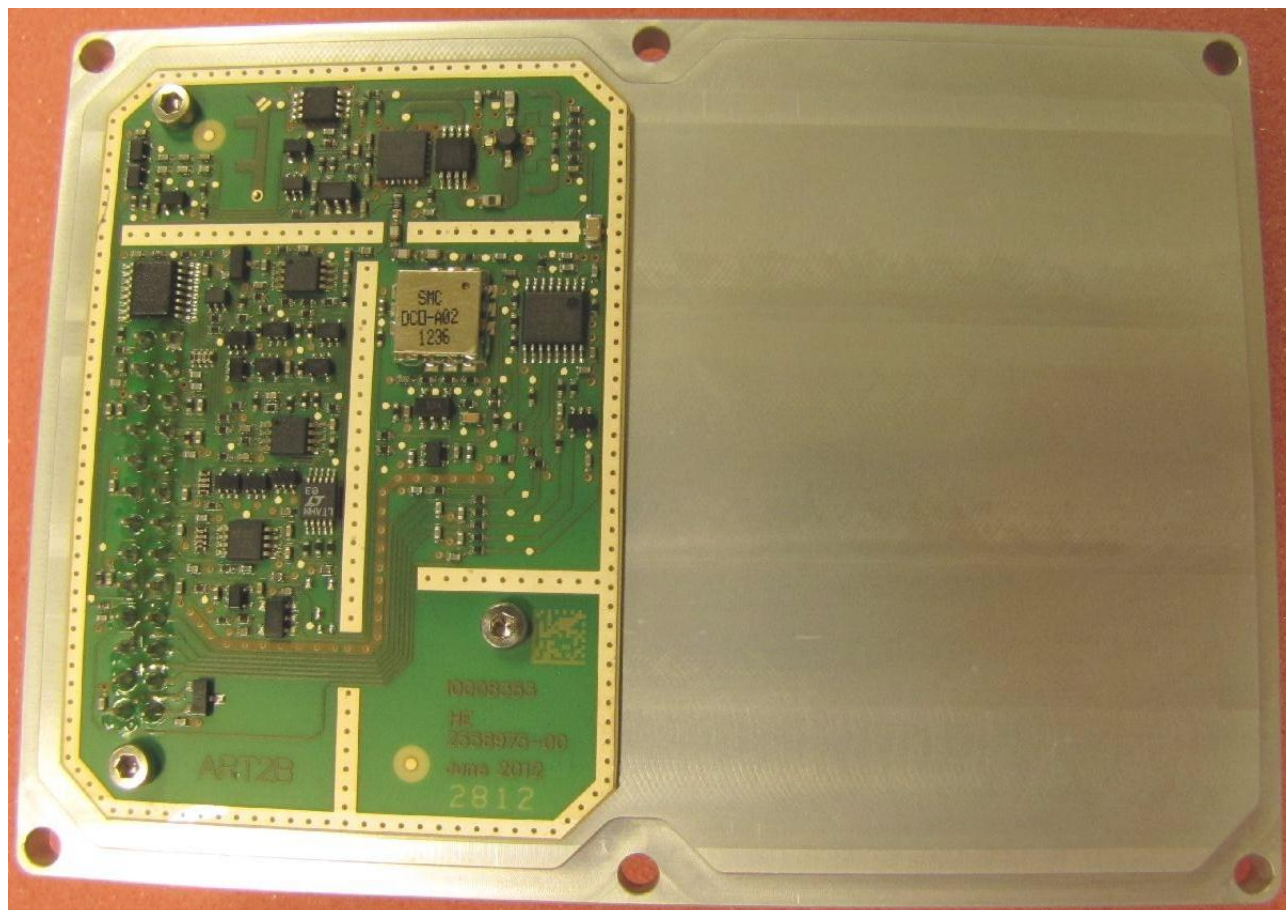


1.5.1 ART2B radar unit controller board TII-XRBoard removed

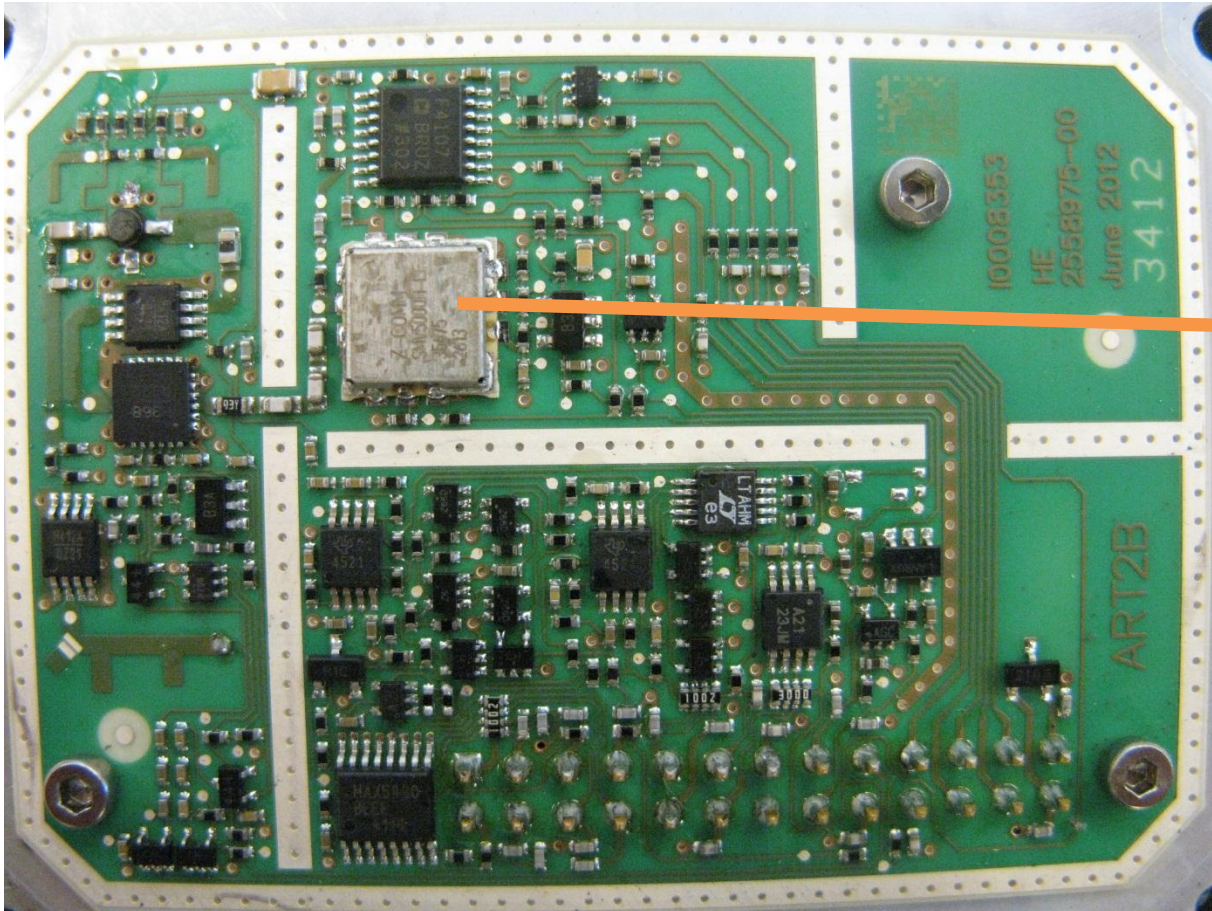




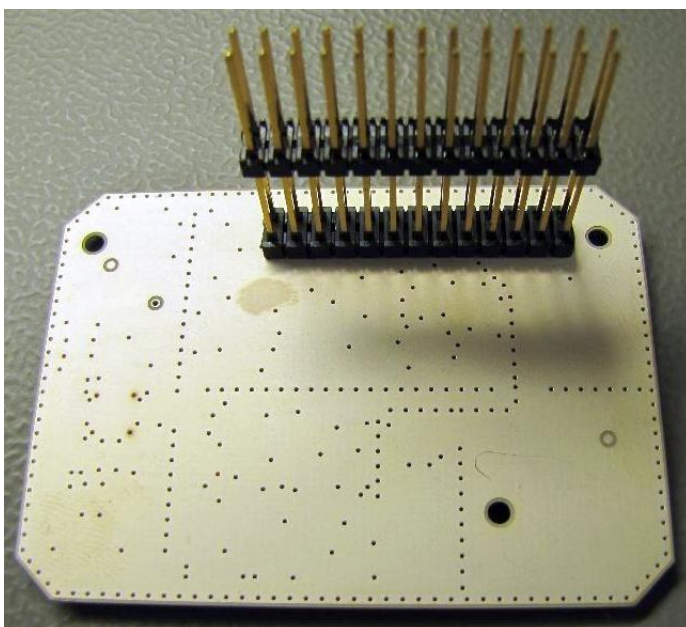
1.5.2 View of the opened ART2b unit.



1.5.3 View of the ART2b PCB top and botom



The changed
part U21



1.6 View of the ART2b housing, PCB removed

