

# **EXHIBIT I**

## **Internal Photos**

**NOTICE:** The contents of this document are proprietary to Rockwell Collins, Inc. and shall not be disclosed, disseminated, copied, or used except for purposes expressly authorized in writing by Rockwell Collins, Inc.

**NOTICE:** The technical data in this document (or file) is controlled for export under the Export Administration Regulations (EAR), 15 CFR Parts 730-774. Violations of these export laws may be subject to fines and penalties under the Export Administration Act.

**NOTICE:** The following software was used to produce this document: Microsoft Word 2003 SP2

**NOTICE:** © Copyright 2009 Rockwell Collins, Inc. All rights reserved.

**Rockwell Collins, Inc.  
400 Collins Rd. NE  
Cedar Rapids, Iowa 52498**

**CAGEC 4V792**

HPA-901B Internal Photos**Exhibit I - Equipment Photographs: Internal Views**

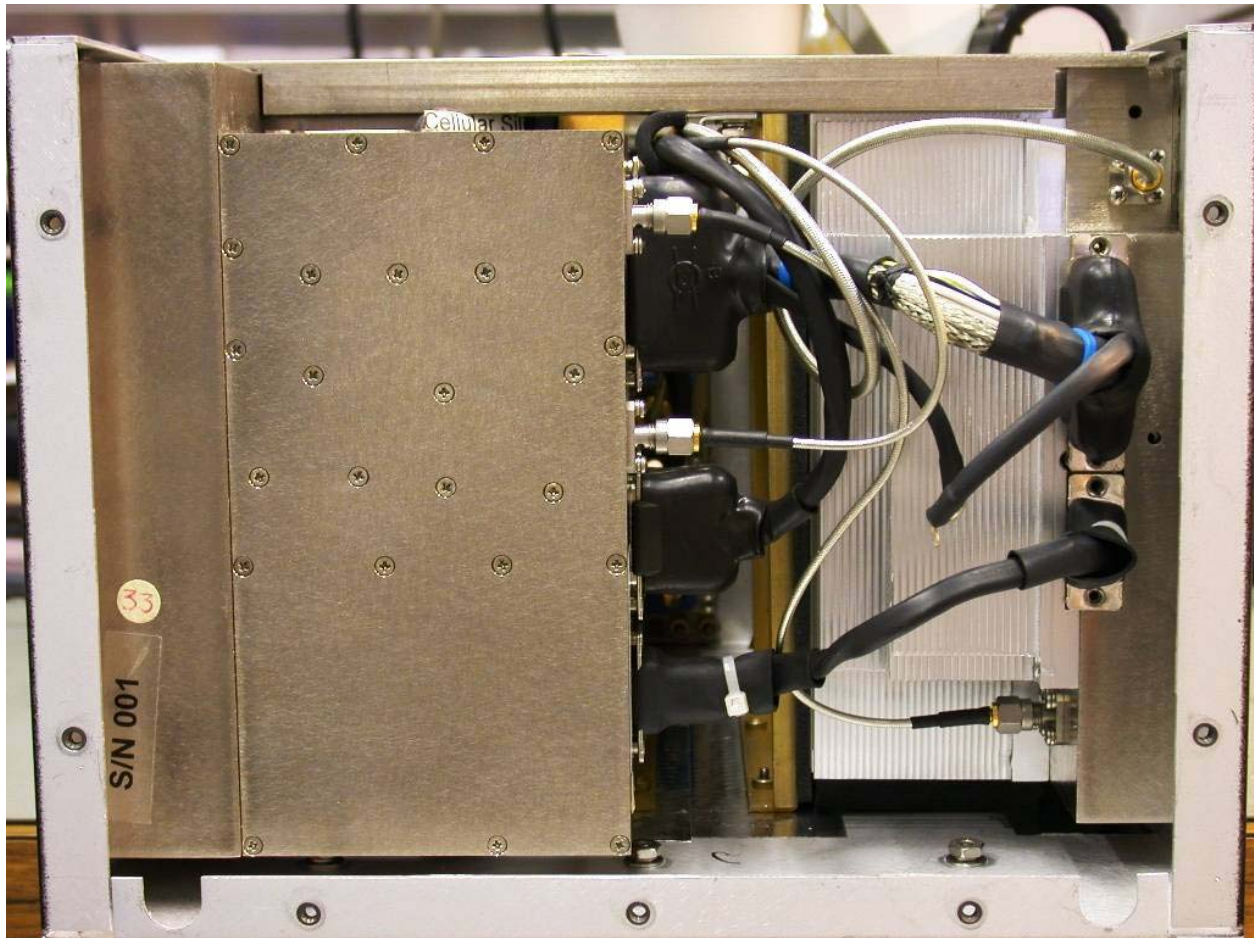
Item	Photograph Description
Figure 1	Integrated HPA Top View with top and front panel removed
Figure 2	Integrated HPA Front View, with Top and Front Panels removed
Figure 3	Front Panel inner side
Figure 4	Rear Panel Assembly
Figure 5	Top View of RF Module main board assembly
Figure 6	Bottom View of RF Module main board assembly
Figure 7	Bottom View of RF Module main board assembly with heatsink removed
Figure 8	Top View of Thermal Fuse board
Figure 9	Bottom View of Thermal Fuse board
Figure 10	Top View of Temperature Sensor board
Figure 11	Bottom View of Temperature Sensor board
Figure 12	Top view of pilot tone transceiver board
Figure 13	Bottom view of pilot tone transceiver board
Figure 14	Top view of controller board
Figure 15	Bottom view of controller board
Figure 16	Top view of power supply subassembly
Figure 17	Top view of input AC filter board
Figure 18	Bottom view of input AC filter board
Figure 19	Top view of filter board
Figure 20	Bottom view of filter board
Figure 21	Top view of capacitors board
Figure 22	Bottom view of capacitors board
Figure 23	Top view of Vicor input board
Figure 24	Bottom View of Vicor Input board
Figure 25	Top View of Vicor Output board
Figure 26	Bottom View of Vicor Output board
Figure 27	Top View of Thermal Fuse board
Figure 28	Bottom View of Thermal Fuse board

HPA-901B Internal Photos



**Figure 1 Integrated HPA Top View with Top and Front Panels removed**

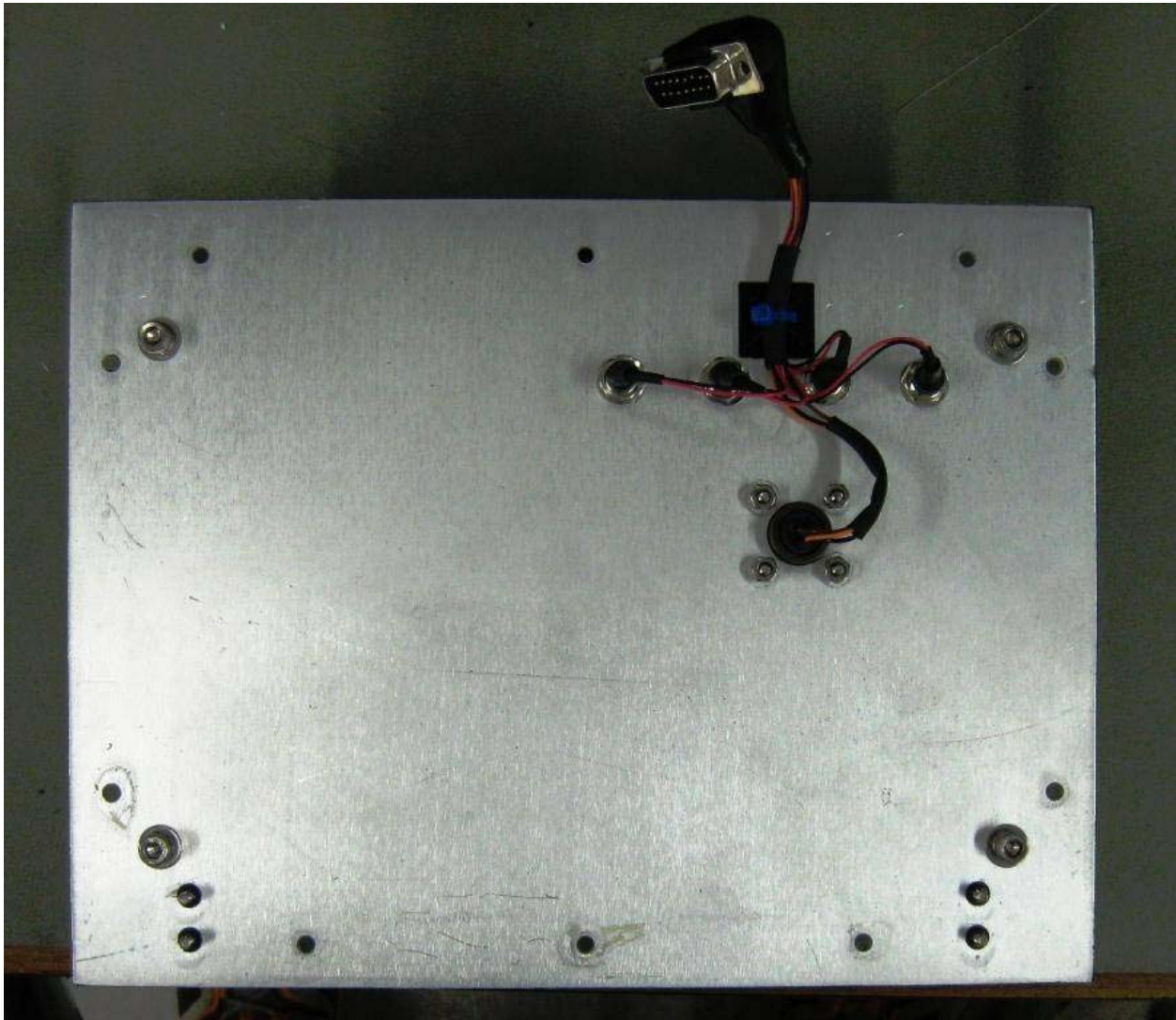
HPA-901B Internal Photos



**Figure 2 Integrated HPA Front View with Top and Front Panels removed**

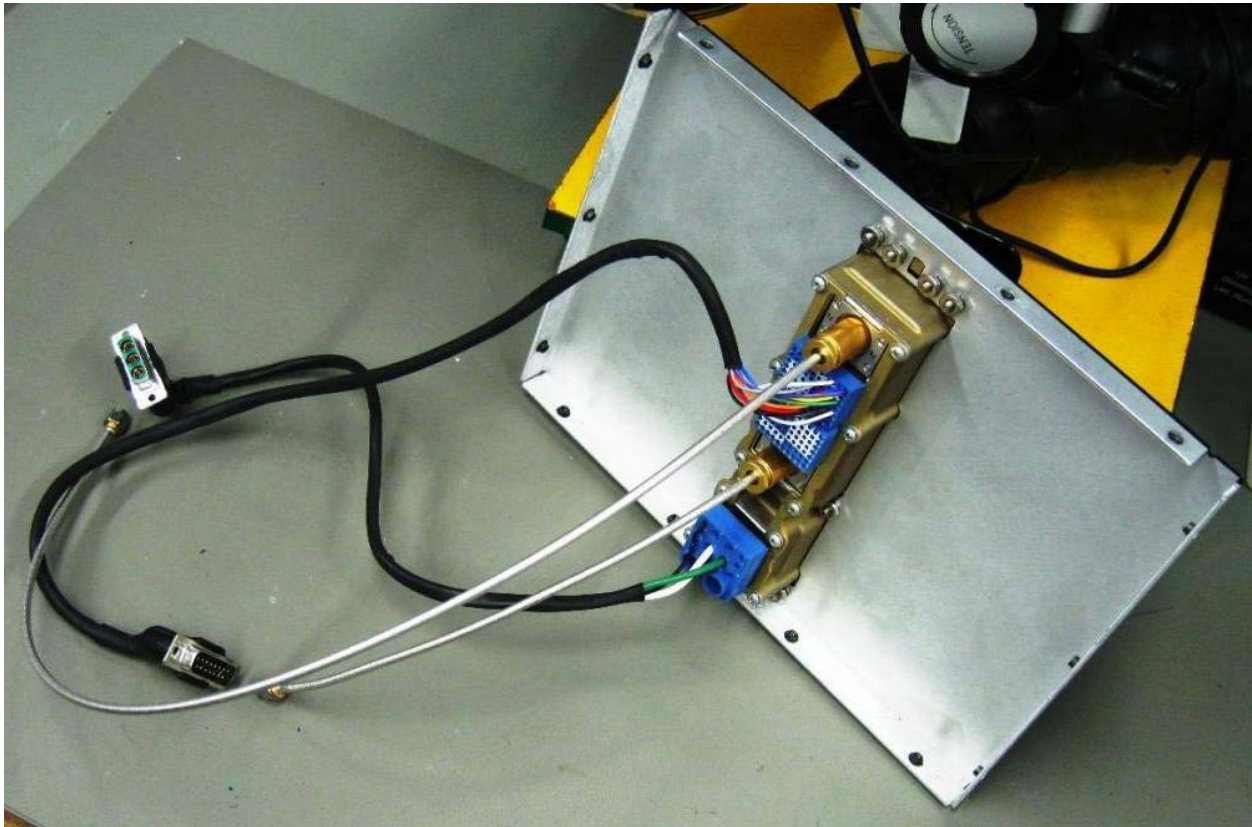


HPA-901B Internal Photos



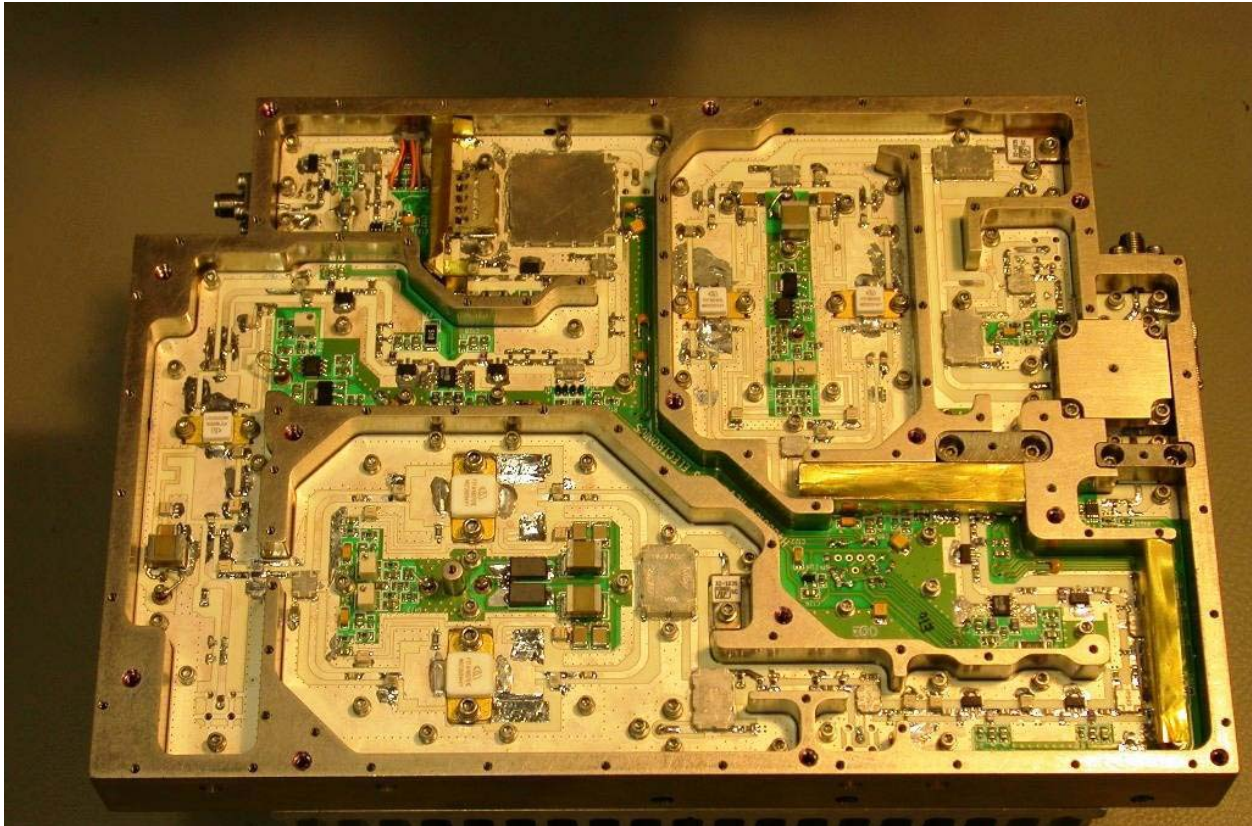
**Figure 3 Front Panel inner side**

HPA-901B Internal Photos



**Figure 4 Rear Panel Assembly**

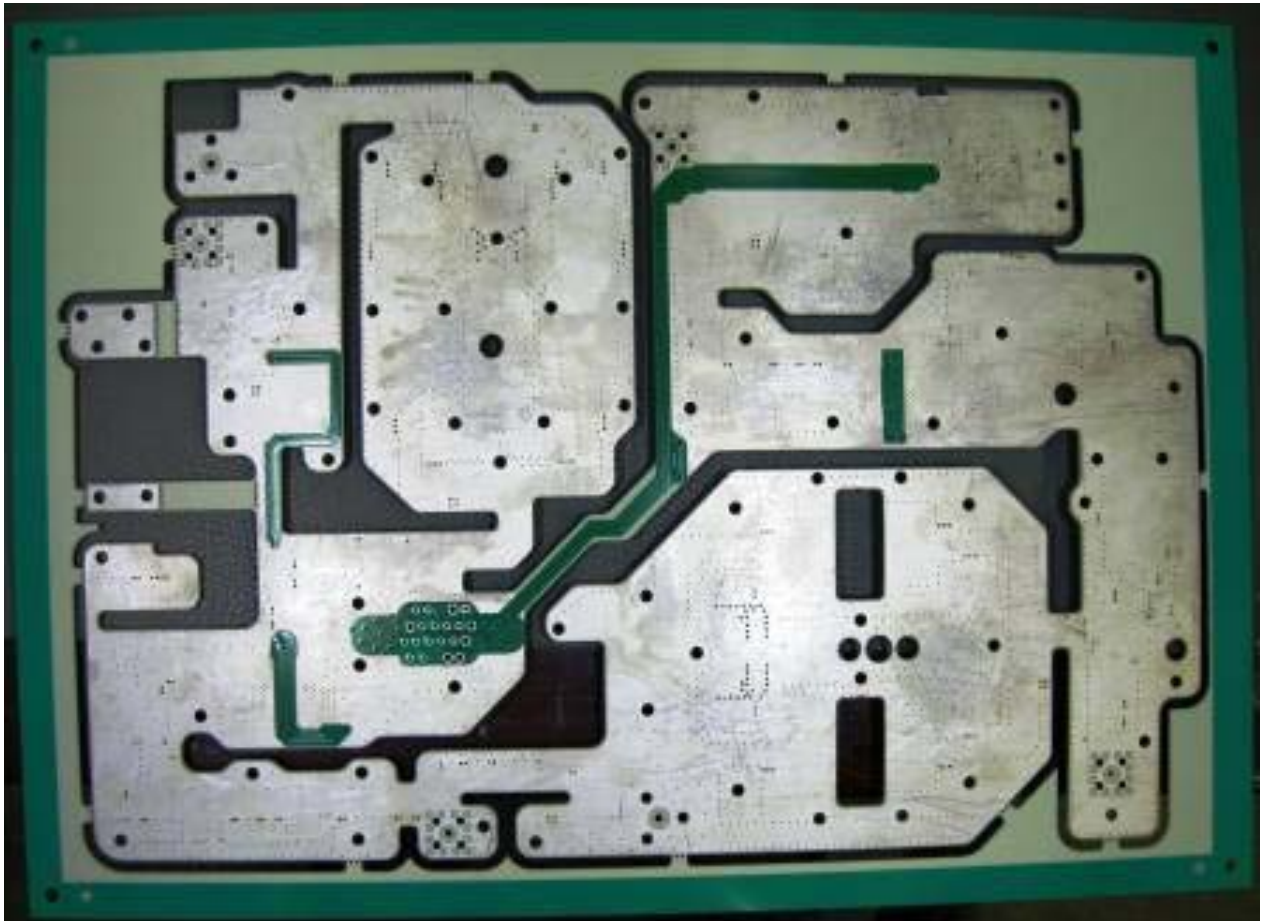
HPA-901B Internal Photos



**Figure 5 Top View of RF Module main board assembly**



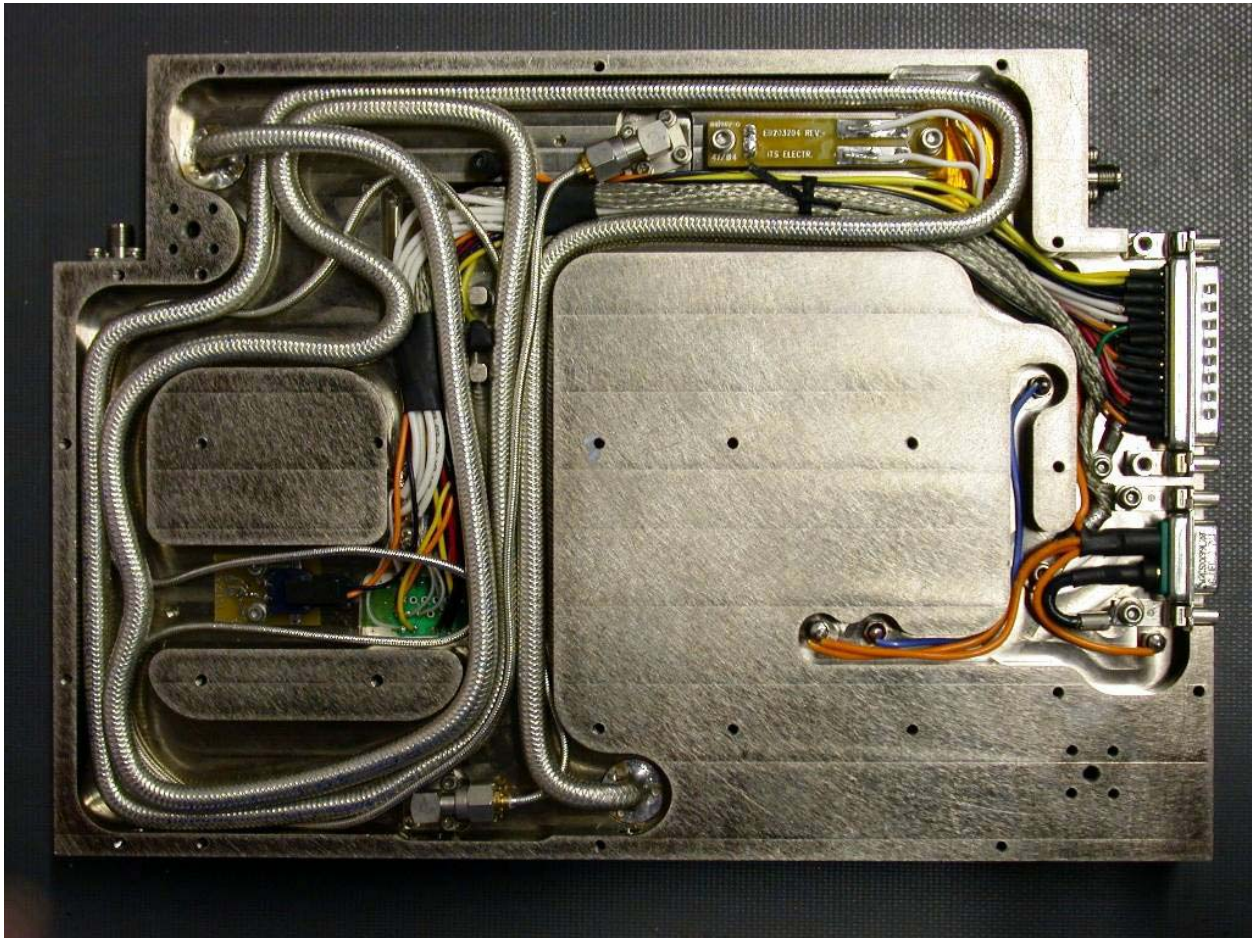
HPA-901B Internal Photos



**Figure 6 Bottom view of RF module main board assembly**

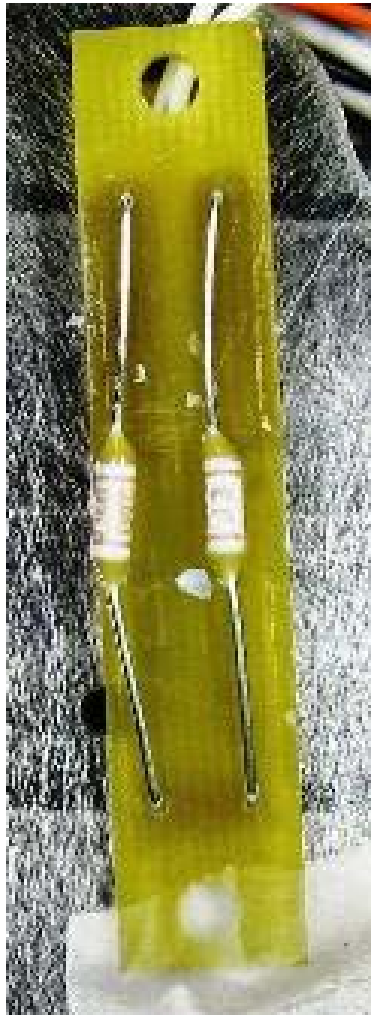


HPA-901B Internal Photos



**Figure 7 Bottom view of RF module assembly with heatsink removed**

HPA-901B Internal Photos



**Figure 8 Top view of thermal fuse board**

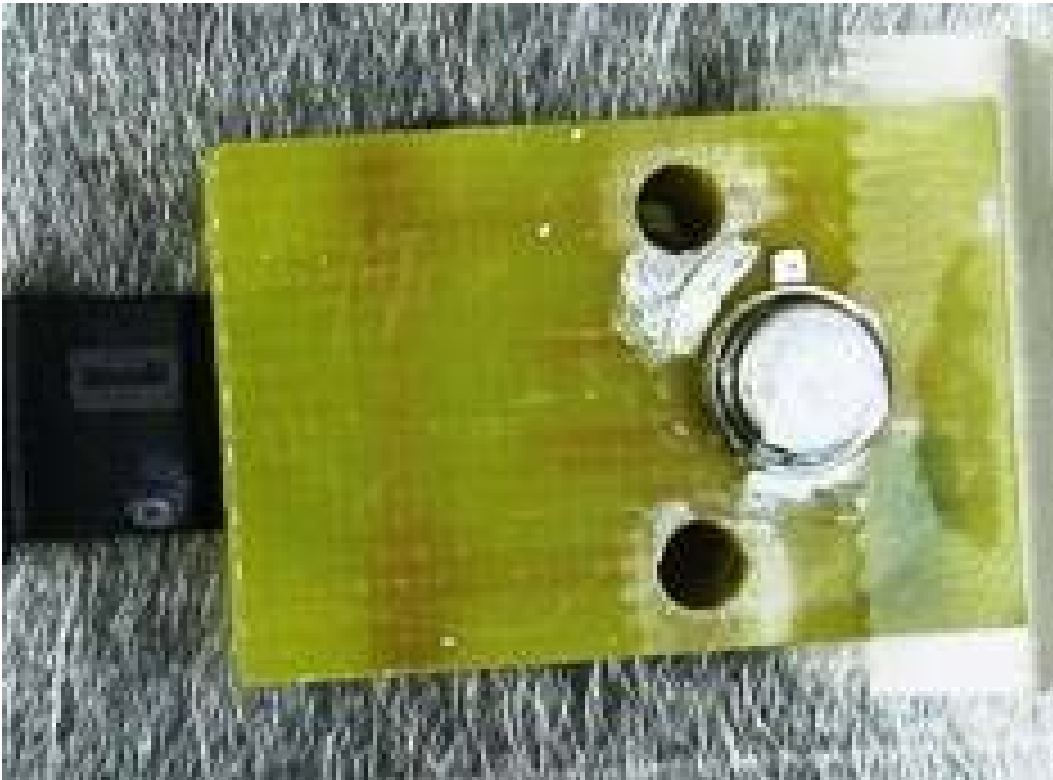
HPA-901B Internal Photos



**Figure 9 Bottom view of thermal fuse board**

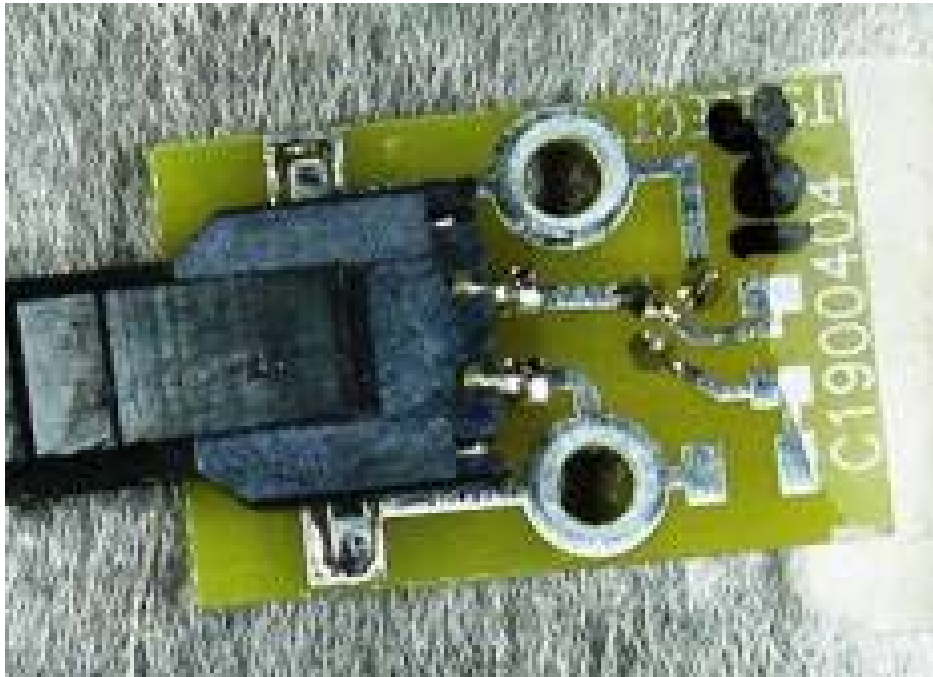


HPA-901B Internal Photos



**Figure 10 Top view of temperature sensor board**

HPA-901B Internal Photos



**Figure 11 Bottom view of temperature sensor board**

HPA-901B Internal Photos

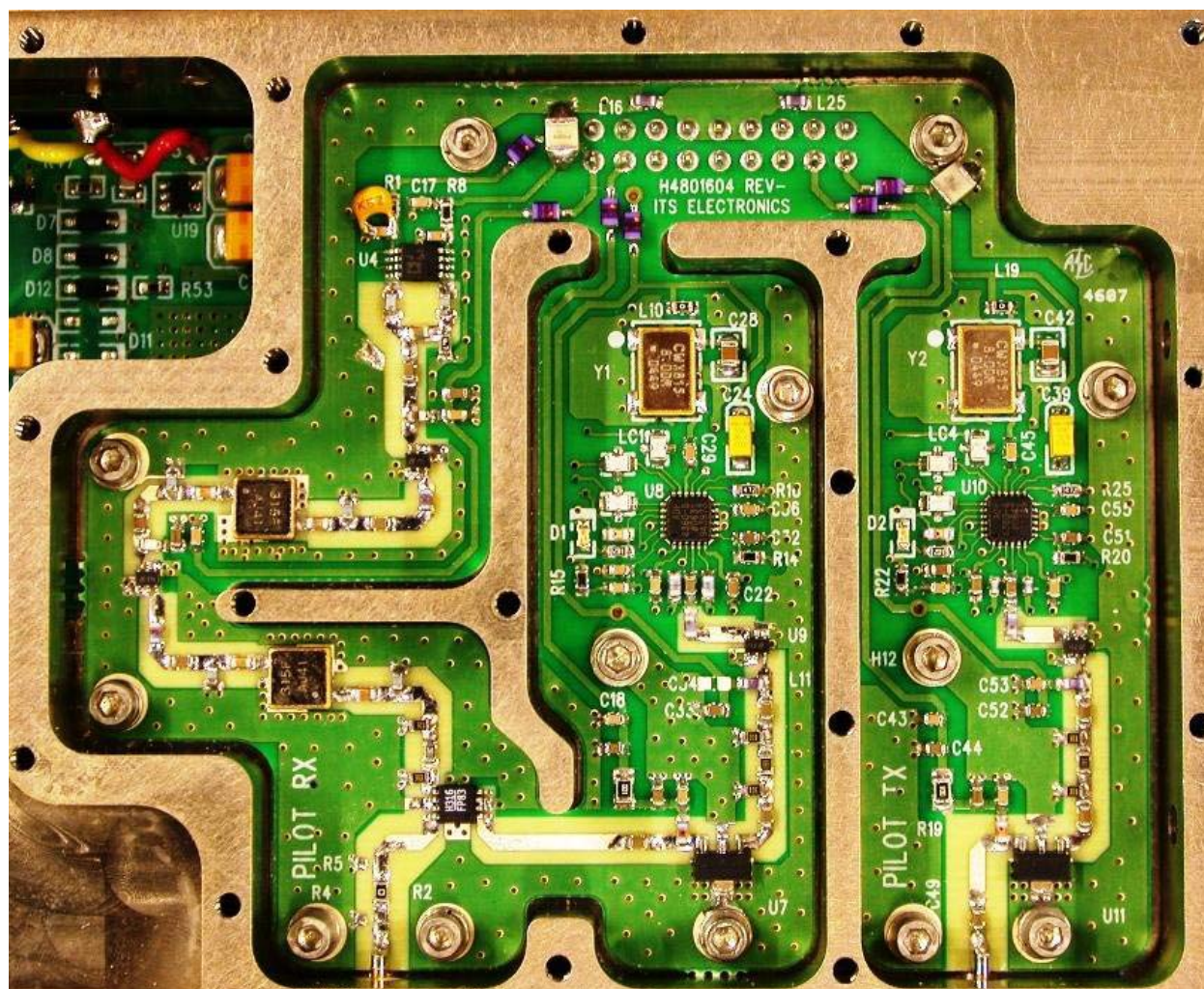
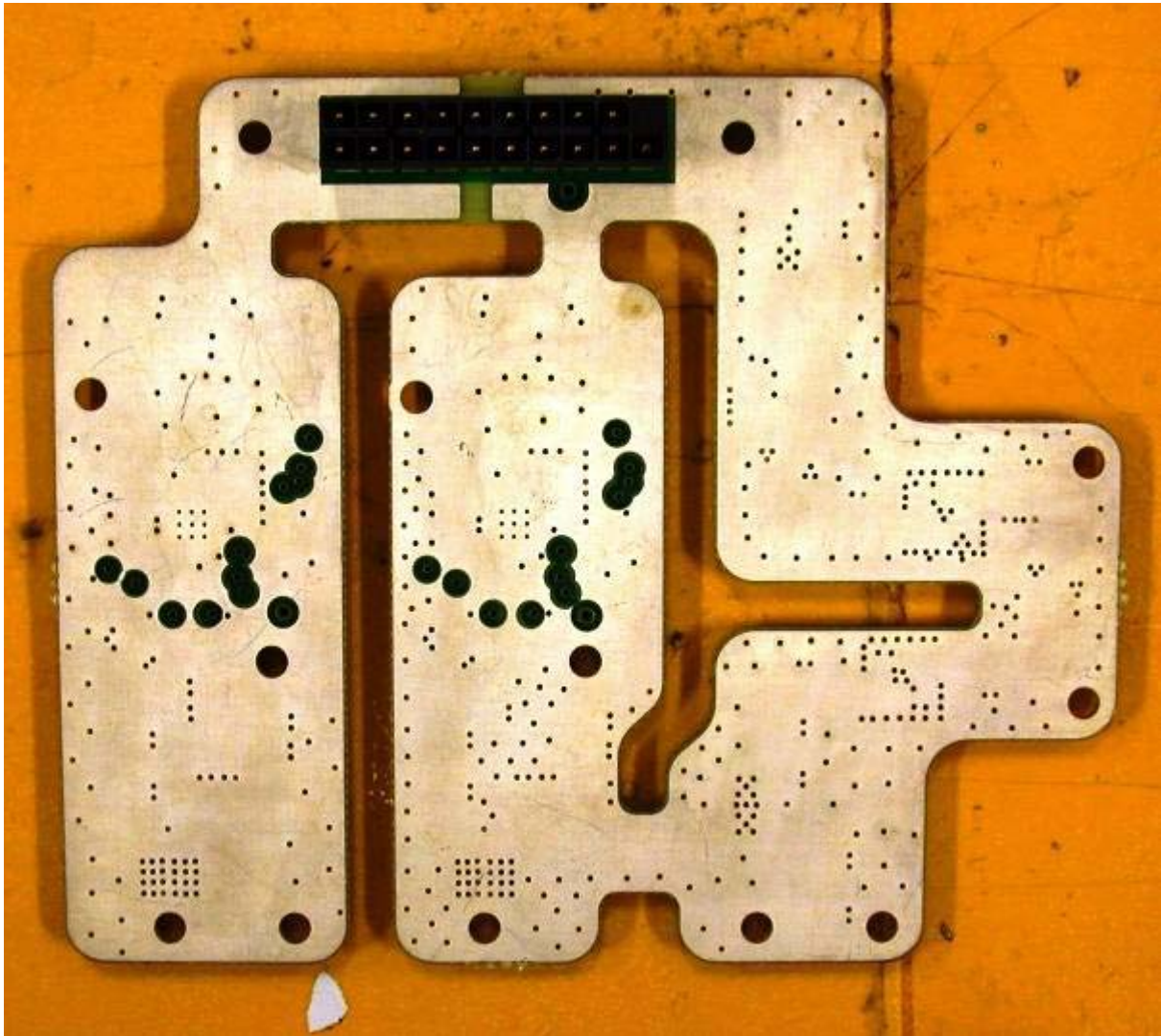


Figure 12 Top view of pilot tone transceiver board

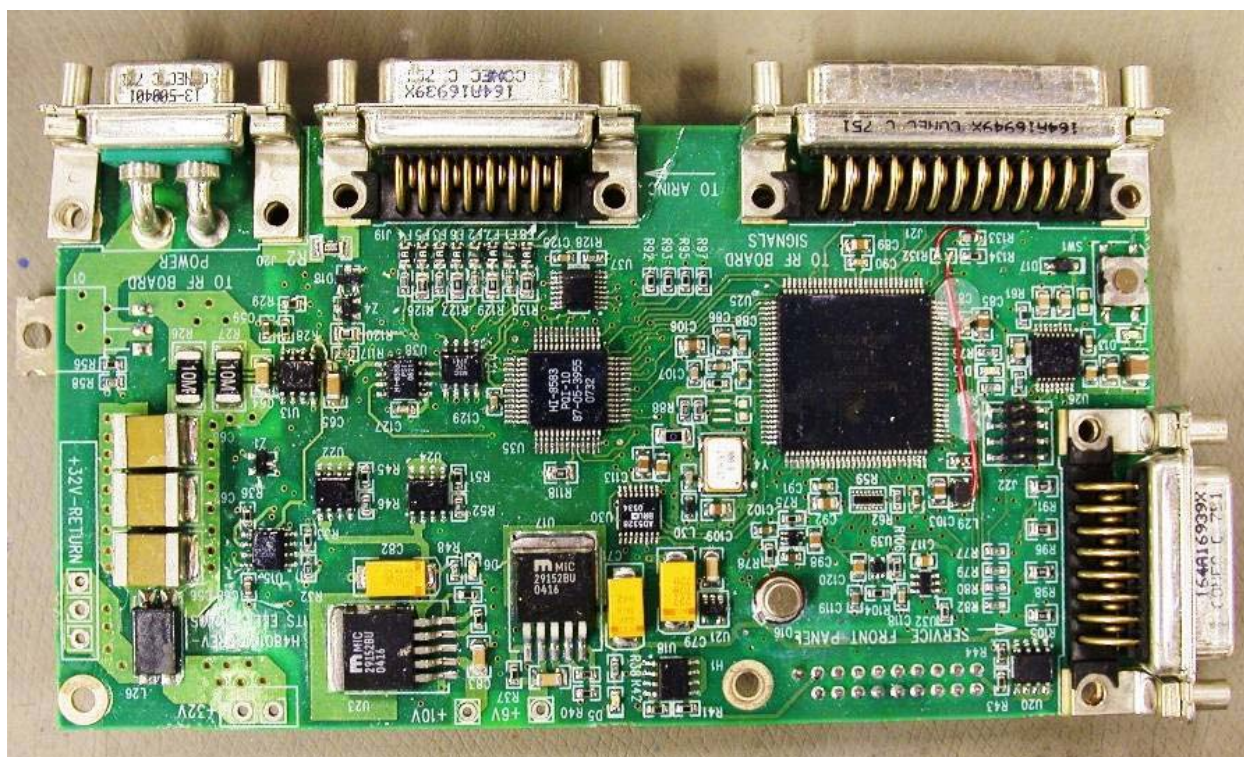


HPA-901B Internal Photos



**Figure 13 Bottom view of pilot tone transceiver board**

## HPA-901B Internal Photos



**Figure 14 Top view of controller board**



HPA-901B Internal Photos

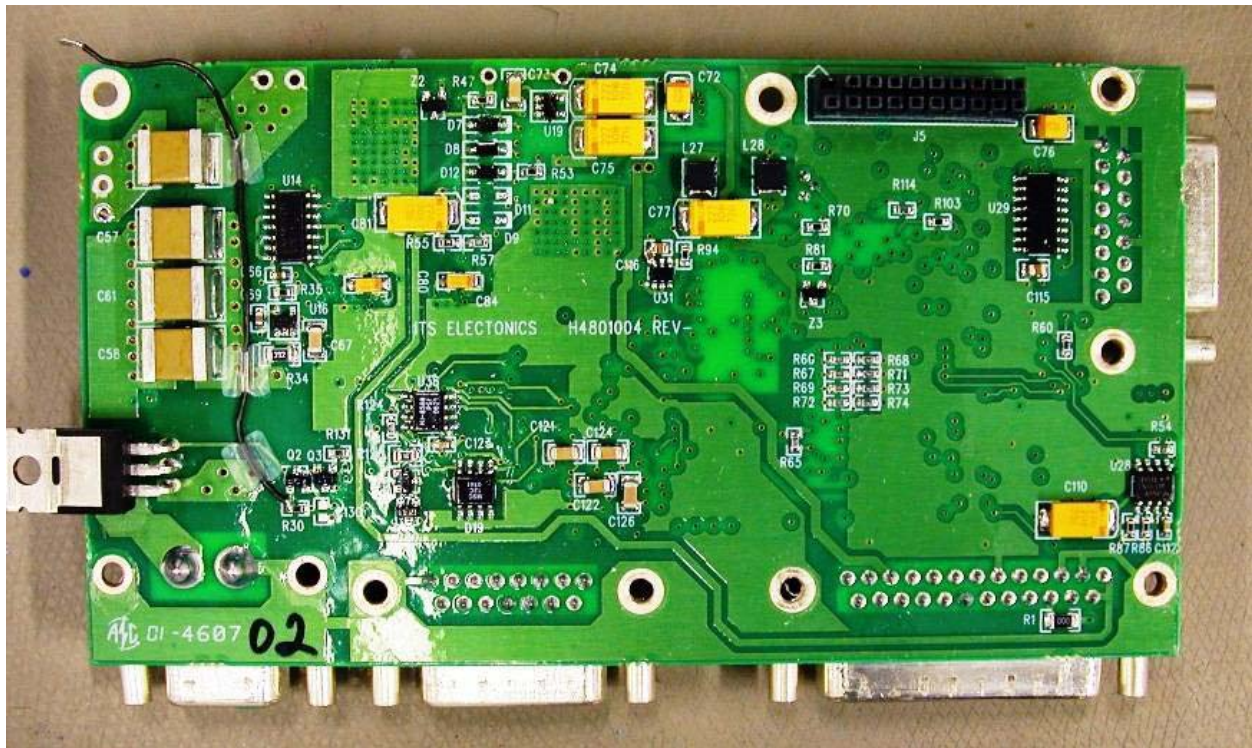


Figure 15 Bottom view of controller board



HPA-901B Internal Photos

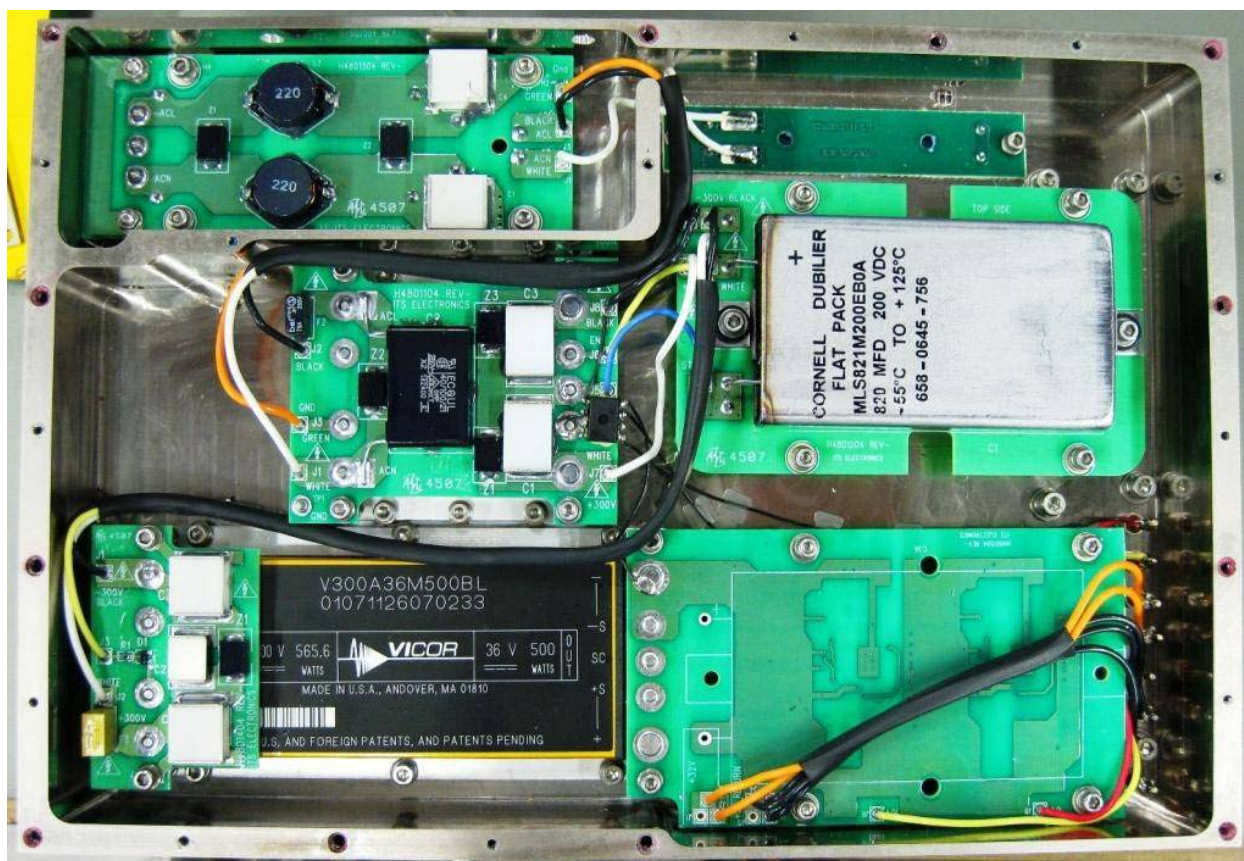


Figure 16 Top view of power supply subassembly

HPA-901B Internal Photos

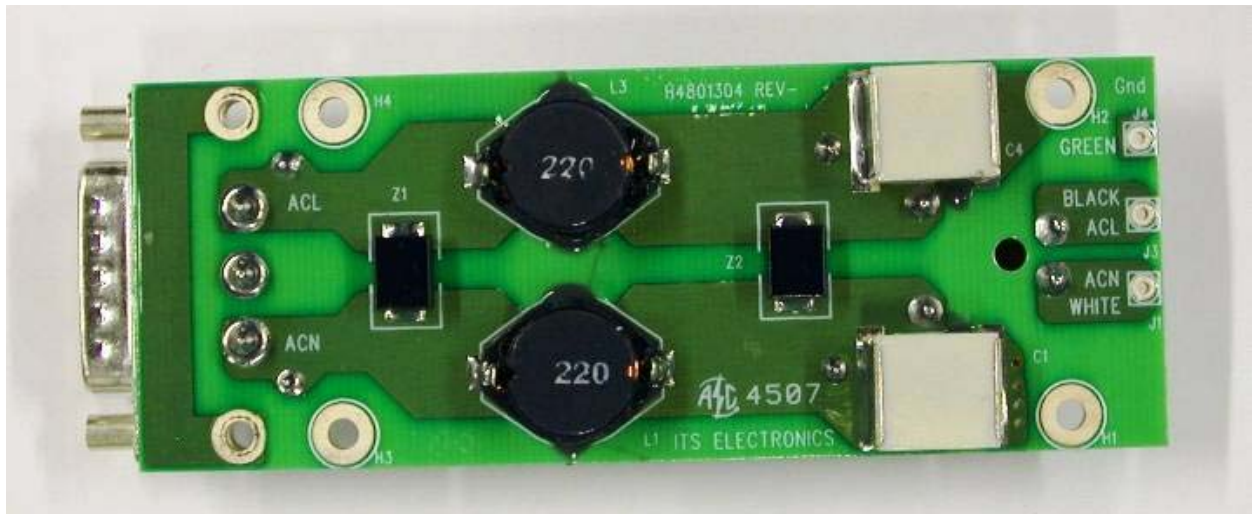
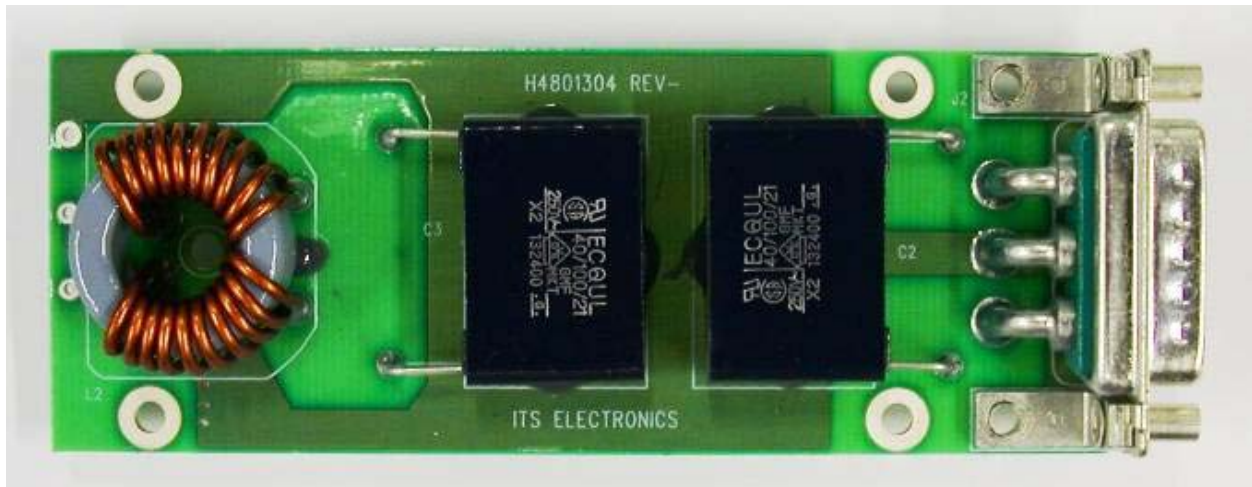


Figure 17 Top view of input AC filter board

HPA-901B Internal Photos



**Figure 18 Bottom view of input AC filter board**



HPA-901B Internal Photos

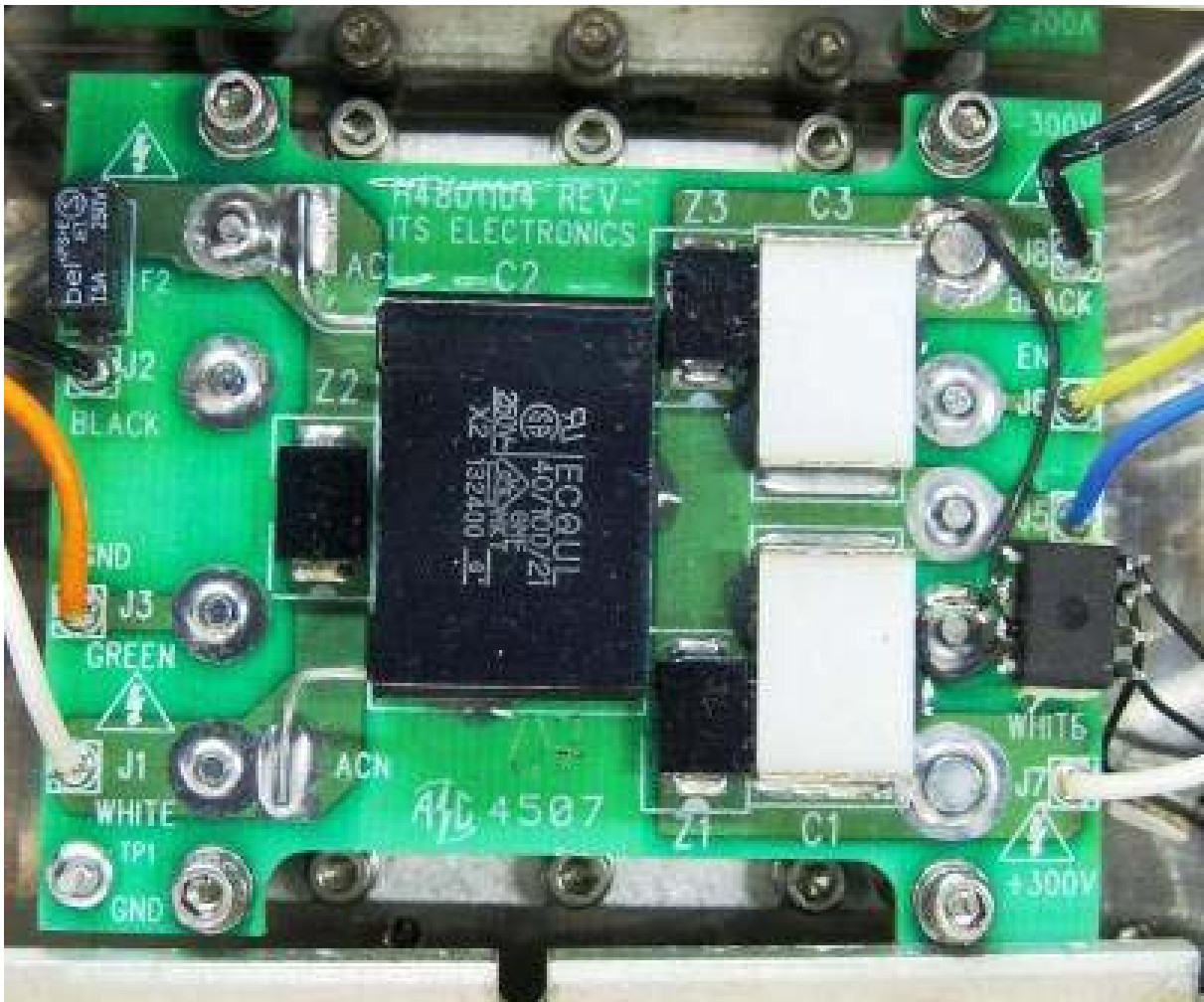


Figure 19 Top view of filter board

HPA-901B Internal Photos



**Figure 20 Bottom view of filter board**

HPA-901B Internal Photos



Figure 21 Top view of capacitors board

HPA-901B Internal Photos



Figure 22 Bottom view of capacitors board



HPA-901B Internal Photos

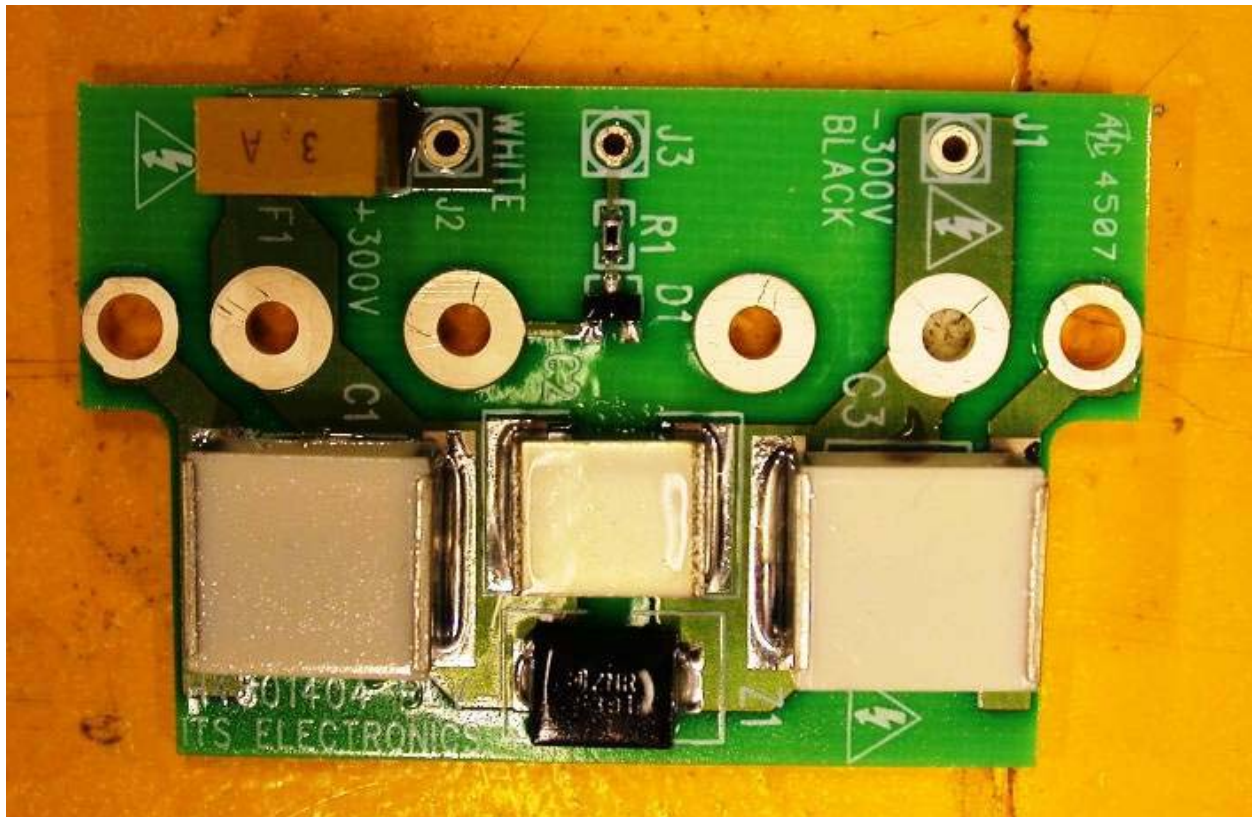


Figure 23 Top view of Vicor input board

HPA-901B Internal Photos



**Figure 24 Bottom View of Vicor Input board**

HPA-901B Internal Photos

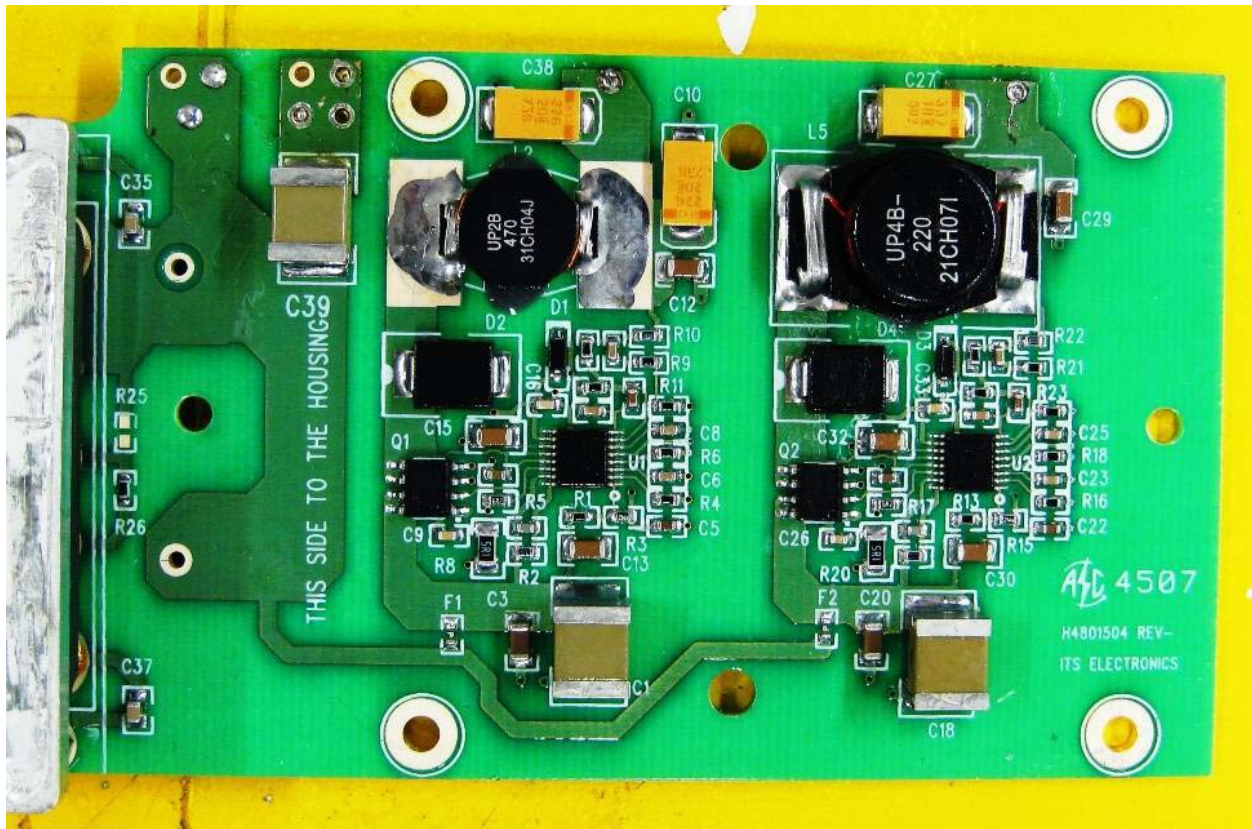
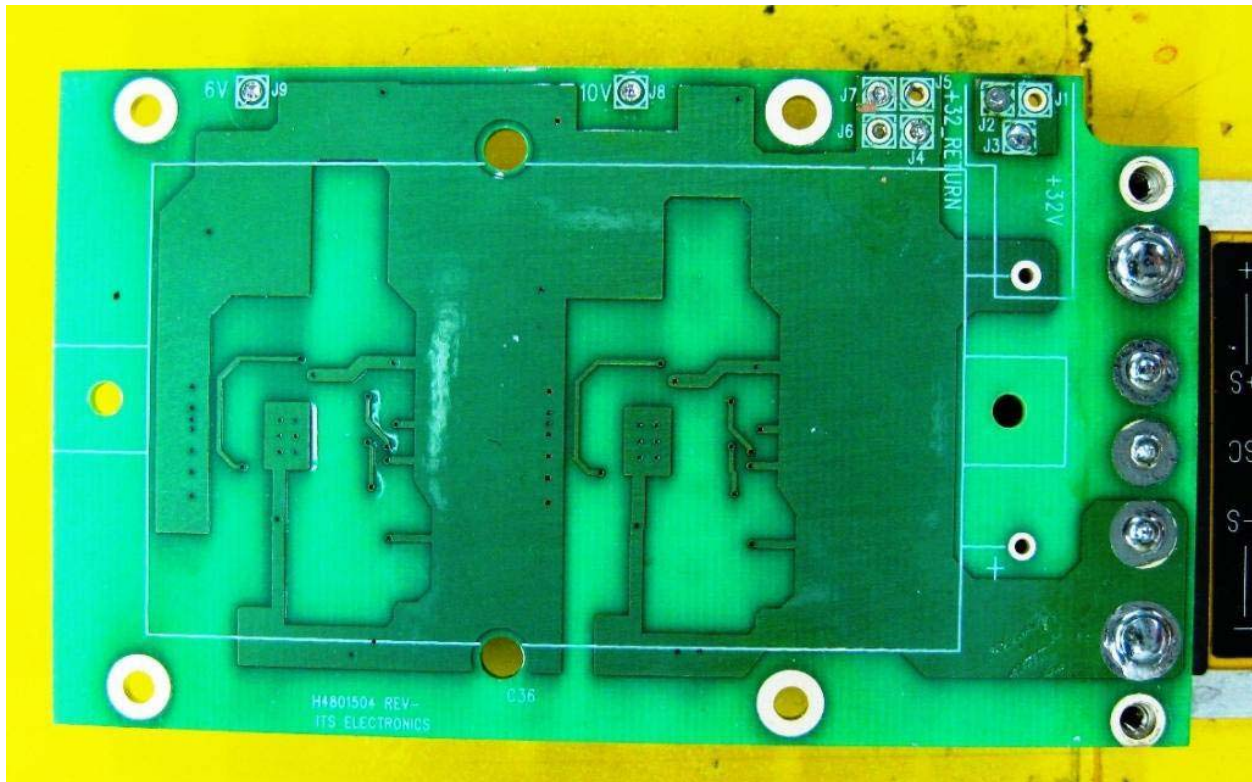


Figure 25 Top View of Vicor Output board

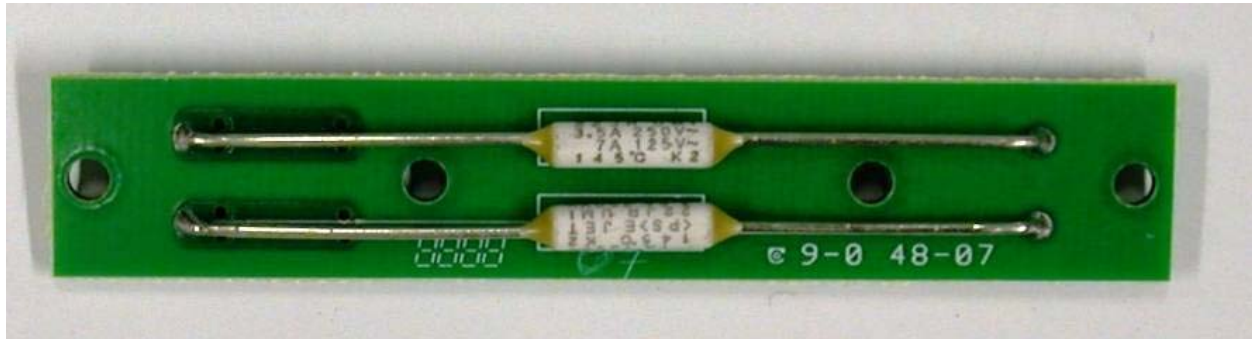


HPA-901B Internal Photos



**Figure 26 Bottom View of Vicor Output board**

HPA-901B Internal Photos



**Figure 27 Top View of Thermal Fuse board**

HPA-901B Internal Photos



**Figure 28 Bottom View of Thermal Fuse board**