

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**N4874A-01**

# **S E R V I C E                      N O T E**

Supersedes:  
NONE

## **N4874A 7 GB/S GENERATOR MODULE**

**Serial Numbers: [0000A00000 / 9999Z99999]**

### **Pro-active –24V fix**

**To Be Performed By: Agilent-Qualified Personnel**

#### **Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
0699-3993	100k resistor	1

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	
LOCATION CATEGORY:	CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER	SERVICE INVENTORY:	RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	RETURN SCRAP SEE TEXT
AGILENT RESPONSIBLE UNTIL: November 2005			
AUTHOR: HB                      PRODUCT LINE: 24			
ADDITIONAL INFORMATION:			

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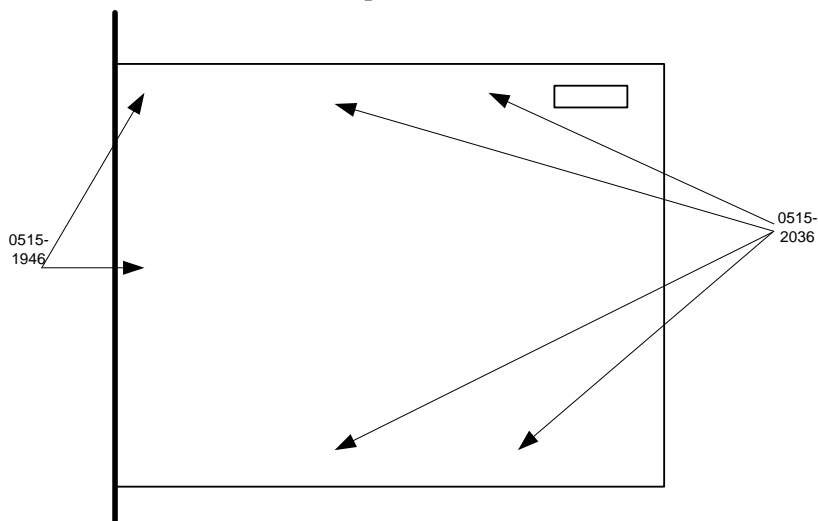
November 18, 2004

**Situation:**

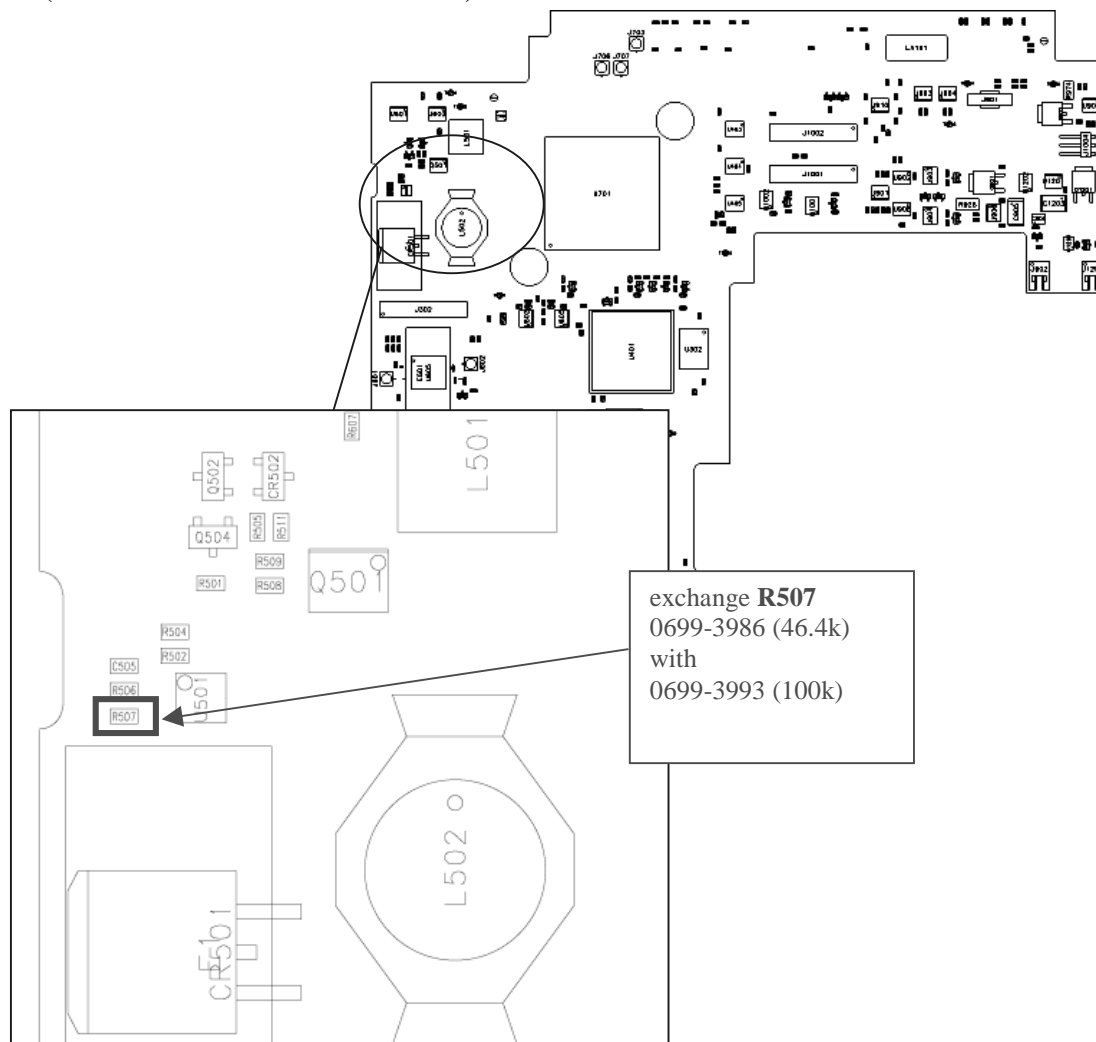
Module draws too much current on -24V in some Mainframes. Resulting from that the -24V fuse blows. The error message “Self-test failed: Voltage of -24V is out of valid range-330” will appear during module self test. If you see this failure, the fix described below is too late. The module needs to be repaired.

**Solution/Action:**

Remove six Torx screws and open module.



Exchange R507 (46.4k) by a 100k resistor on generator front-end board N4872-66401 Rev. 100 - Rev. 104 (PCB N4872-26501 Rev. 100 – 103).



Close module (take care about the cables) and test it.

Please send a short email to [SUPPORT,BVS-PDGA \(A-Germany.exgen1\)](mailto:SUPPORT,BVS-PDGA (A-Germany.exgen1)) with Subject “ParBERT 7G Pro-active –24V fix done” along with model number (N4874A) and serial number.