

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

N4873A-01

S E R V I C E N O T E

Supersedes:
NONE

N4873A 13.5 GB/S ANALYZER MODULE

Serial Numbers: DE43A00100/DE43A00273 and DE43AEX001/DE43AEX013

Pro-active –24V fix

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

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

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
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
AUTHOR: HB		AGILENT RESPONSIBLE UNTIL: November 2005	
PRODUCT LINE: 24			
ADDITIONAL INFORMATION:			

© AGILENT TECHNOLOGIES, INC. 2004
PRINTED IN U.S.A.



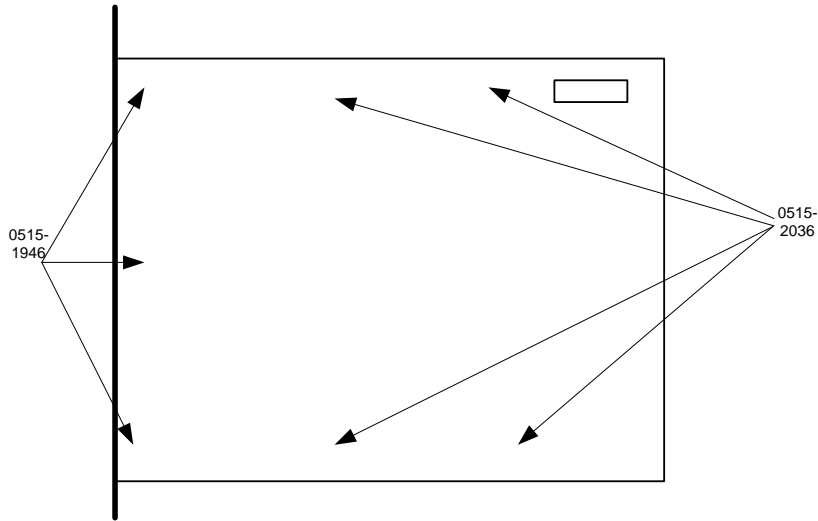
November 15, 2004

Situation:

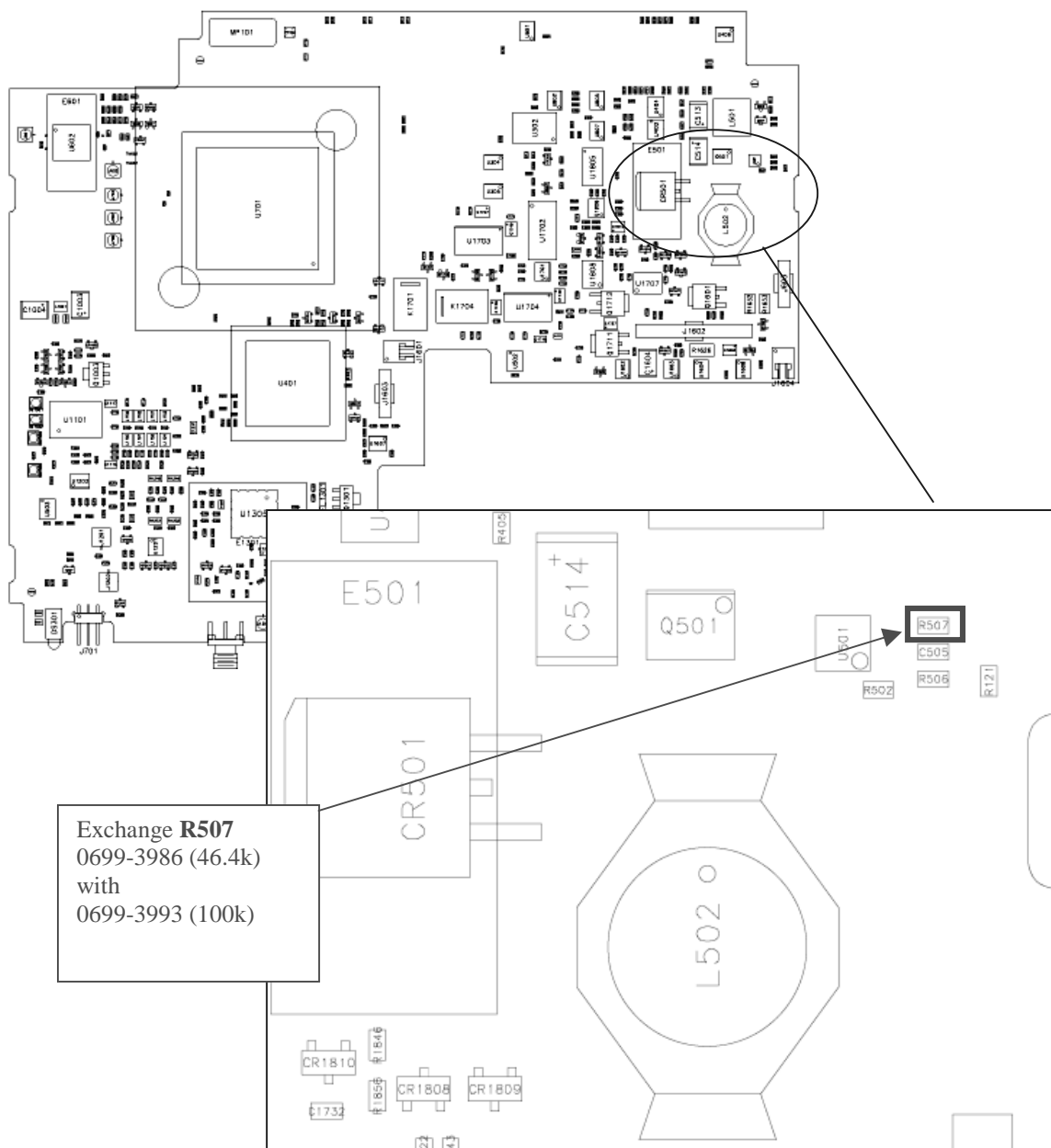
Module draws too much current on -24V in some Mainframes. Resulting from that the -24V fuse blows. The error message “Self-test failed: Voltage of -24V is out of valid range-330” will appear during module self test. If you see this failure, the fix described below is too late. The module needs to be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

Solution/Action:

Remove seven Torx screws and open module.



Exchange R507 (46.4k) by a 100k resistor on analyzer front-end board N4873-66401 Rev. 100 - Rev. 108 (PCB N4873-26501 Rev. 100 – 102).



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 13G Pro-active –24V fix done” along with model number (N4873A) and serial number.