

S E R V I C E N O T E

SUPERSEDES: NONE

E8403A VXI 13-Slot C-Size 1000-Watt Mainframe

Serial Numbers: US38000106 / US38000164

Faulty Heat Sink Clips May Cause Short Circuit In Power Supply

To Be Performed By: Agilent-Qualified Personnel or customer

Parts Required:

P/N	Description	Quantity
E8403-69227	REBUILT 0950-3277 1000W POWER SUPPLY	1

Situation:

The metal clips that hold the transistors firmly to the heat sinks in the power supply are coming free. This allows the metal clips to move about within the power supply enclosure and possibly causing a short circuit and failure.

Solution / Action:

The solution is to replace the possibly defective power supplies with known good power supplies. Use the following procedure to replace the supplies and re-calibrate the E8404A Enhanced Monitor Assembly:

Continued

DATE: March 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
		USED PARTS:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL:	
AUTHOR: DMT	ENTITY: 0960	ADDITIONAL INFORMATION:	



Replace the Power Supply

1. Remove electrical power from the E8404A.
2. Remove the E8404A rear panel by removing the 14 screws which secure the rear panel to the mainframe. The rear panel hinges at the top; rotate the panel upward and pull it out from the mainframe.
3. Remove the power supply by reaching up under the power supply shelf with both hands. Place your finger tips on the back of the supply, between the supply and the backplane, and your thumbs on the lip of the shelf. Pry the supply out with your fingers while using your thumbs on the shelf for leverage.
4. Install the exchange power supply. Keep the replacement power supply to the far right in the mainframe. Make sure the supply is firmly seated into the backplane connectors.
5. Replace the rear panel. Be sure that all 14 screws are securely tightened.