

S E R V I C E N O T E

SUPERSEDES: None

**E1401A C-Size VXI Development Mainframe**

**Serial Numbers:** 0000A00000 / 3227A03813

**Power supply reliability improvement when operated from 230 VAC.**

**Duplicate Service Notes:** E1401A-05, 1401T-01

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

**Parts Required:**

P/N	Description
E1401-69202	Exchange Power Supply

*Continued*

DATE: December 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 1.0 Hour
LOCATION CATEGORY:	<input checked="" 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 checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: MM	ENTITY: 0960	AGILENT RESPONSIBLE UNTIL: December 1995	
		ADDITIONAL INFORMATION:	

**Situation:****NOTE:**

This service note only applies if the E1401T is operated from 230 VAC and in the standby mode (power switch off) for a significant period of time. It does not apply under the following conditions.

- When the E1401T is operated from 115 VAC.
- When the E1401T is part of a system and has power controlled by a system power switch.
- When the E1401T power switch is always left on.

Only when operated from 230 VAC in the standby mode (power switch off with power main connected) a series of resistors in the power supply continue to dissipate power. This may cause discoloration and possible damage to a printed circuit assembly in the power supply. This situation only occurs with operation on 230 VAC and in standby mode. It does not occur when the E1401A is operated from 110VAC or if the power switch remains on. It does not occur when power to the E1401A is disconnected by any method other than the front panel switch.

**Solution/Action**

After verifying the E1401T's are operated under the conditions described above, establish a plan to replace the power supplies. This plan should minimize the inconvenience to the customer. Order the exchange power supplies (E1401-69202) well in advance of the planned date. Please do not expedite the order unless it is absolutely necessary to meet the customer's needs.

Replacing the power supply with exchange assembly E1401-69202 requires removal of the top 2 feet and 5 torx screws. Use the two handles to remove the power supply. Return the old power supply using the exchange process. Please return as soon as possible to minimize upgrade inventory. Please use the CSO Field Fail Code 72, return per service note. Be sure to reference the Service Note Number, E1401T-01, on the CSO and for tracking purposes, please include the serial number of the power supply you are returning.