

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E4980A-01

S E R V I C E N O T E

Supersedes:
None

E4980A Precision LCR Meter 20 Hz to 2 MHz

Serial Numbers: MY46100102 / MY46100134

Power supply for E4980A might be defective due to its design

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
E4980-60103	PWR-SPLY	1
E4980-61601	Power Cable Assembly	1
E4980-00111	Base Plate	1

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 type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AGILENT RESPONSIBLE UNTIL: May 2008			
AUTHOR: JM PRODUCT LINE: WN			
ADDITIONAL INFORMATION:			

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PRINTED IN U.S.A.



June 16, 2006

Situation:

The E4980A specified above serial numbers contain the power supply that might be defective due to a problem in its design by a third company.

The power supply has the sticker on which “OLD PS” is written as shown in the figure below.

**Solution/Action:**

Replace the old power supply with the new one (p/n E4980-60103).

Replacement procedure

Step1. Remove the old power supply and the old base plate. (refer to E4980A service guide, section Power Supply Assembly Replacement and Base Plate Replacement)

Step2. Reverse the order of the removal procedure.

Use the new base plate (p/n E4980-00111) and the new power cable Assembly (p/n E4980-61601) for the new power supply.

Step3. After replacing the power supply, check the following items.

- Inspect booting process
- Check if no “Power on test failed” message is displayed
- Perform DC Bias Level accuracy Test

Step4. Update its firmware to latest one.

Retrofit Time: 0.5 hour (test is included)