

MODIFICATION RECOMMENDED

E4980A-01B

S E R V I C E N O T E

Supersedes:
E4980A-01A

E4980A Precision LC Meter 20 Hz to 2 MHz

Serial Numbers: MY46100102 to MY46100134, MY46100889 to MY46101187, SG46100109

Power supply for E4980A might be defective due to its design

Parts Required:

P/N	Description	Qty.
0950-5146	PWR-SPLY	1
E4980-61601	Power Cable Assembly	1
E4980-00111	Base Plate	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION <input checked="" type="checkbox"/> ON SPECIFIED FAILURE CATEGORY: <input type="checkbox"/> AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours	
LOCATION <input type="checkbox"/> CUSTOMER INSTALLABLE CATEGORY: <input type="checkbox"/> ON-SITE (active On-site contract required) <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE <input type="checkbox"/> RETURN INVENTORY: <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED <input type="checkbox"/> RETURN PARTS: <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY: PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: June 2009	
<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required	PRODUCT LINE: WN AUTHOR: JM	
ADDITIONAL INFORMATION:		

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Rev. 21



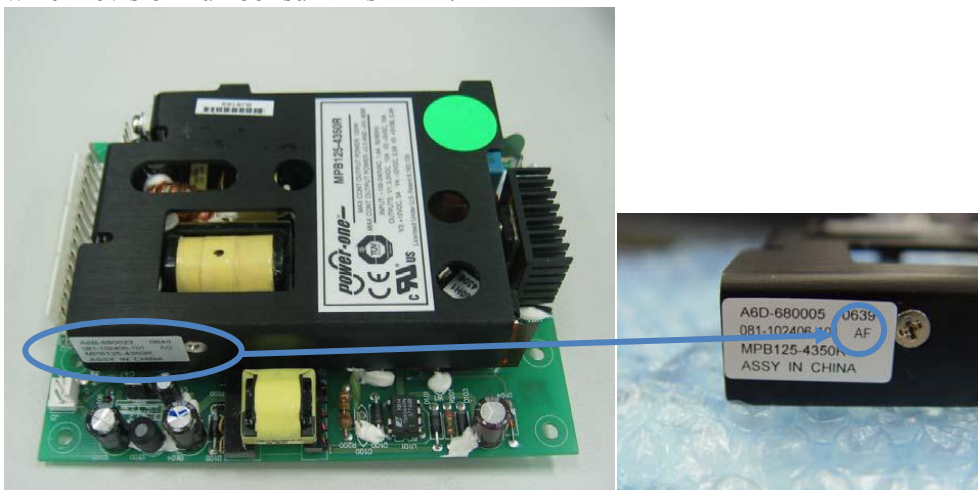
Situation:

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.

For MY46100102 to MY46100134, the power supply has the sticker on which “OLD PS” is written as shown in the figure below.



For MY46100889 to MY46101187 and SG46100109, the power supply has the MPN sticker with which revision number suffix is “AF”.



Solution/Action:

Replace the old power supply with the new one (p/n 0950-5146).

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)

Revision History:

Revision Number	Date	Author	Reason For Change
E4980A-01	June 16, 2006	JM	As published
E4980A-01A	June 8, 2007	JM	Revised the PN of power supply from E4980-60103 to 0950-4918.
E4980A-01B	Jan 10, 2014	LS	Revised the PN of PWR SPLY from 0950-4918 to 0950-5146. Changed the Action category from “Agreeable time” to “On specified failure”.