

S E R V I C E N O T E

SUPERSEDES: None

**6813B AC Power Source/Analyzer**

**Serial Number:** 0000A00000 / US99999999

**New A7 Inverter Assembly**

**Duplicate Service Notes:**

- 6813A-10
- 6813B-02
- 6842A-05

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

**Parts Required:**

P/N	Description	Quantity
5064-0110	Tested Inverter Assembly (Includes several new cable assemblies, p/n's 5182-9003 thermistor), 5080-2699 (3 wire) and 5081-4971 (4 wire)).	1

**Situation:**

The A7 Inverter assembly, part number 06813-61023, has been replaced with A7 inverter assembly, part number 5064-0110, for the following ac sources: 6813A, 6813B and 6842A. The design was changed to enhance reliability.

*Continued*

DATE: February 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>INFORMATION ONLY</b>		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
PS	2100	



**Solution / Action:**

If the A7 requires replacement, directly install the new A7, part number 5064-0110, using new cables supplied. However, the 500 volt rail supply cable that is tie-wrapped to A9C501 must be moved. Simply slide the tie-wrap off A9C501, turn the tie-wrap over and slide it on to A9C502. No other changes are required. Follow the same procedures as before for adjustments and performance testing.

**Additional Action requested:** In order to monitor the reliability of the new type A7 inverter please contact product support at 973-586-5708, telnet 586- 5708, if the newer inverter assembly is found to be defective in any way. If the fuse near the center of the circuit board is open, please don't replace the fuse and power the unit back up. Further damage might occur and mask the cause of the initial failure. Please return the defective 5064-0110 to:

Agilent Technologies, Inc.  
140 Green Pond Road, Dock 4  
Rockaway, NJ 07866  
Attn: Manufacturing Engineering