

S E R V I C E N O T E

SUPERSEDES: NONE

6814B AC Power Source / Analyzer

Serial Numbers: 0000A00000 / 9999A99999

Modification corrects insufficient gate drive

Duplicate Service Notes: 6834B-01

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

2 each 0698-0083 Resistor 1.96K 1/8W 1%

Situation:

Insufficient gate drive to the amplifier power FETs may cause premature failure of the switching FETs when operated under load.

Solution / Action:

Change R48 and R49 from 1.47K ohms to 1.96K ohms. R48 and R49 located on the A1 and A2 amplifier control board. Disconnect the ac source from ac mains then remove top cover. In a static safe work area remove the red plastic shield covering the amplifier assemblies and lift the amplifier assemblies from the unit. Locate R48 and R49 on the amplifier control assembly and replace with part number 0698-0083 1.96K ohms.

DATE: January 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input checked="" type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 2.0 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 checked="" 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: January 1998
AUTHOR: BH	ENTITY: 2100	ADDITIONAL INFORMATION:	