

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

N3301A-01A

S E R V I C E N O T E

Supersedes:N3301A-01

N3301A Electronic Load Half Rack Mainframe

Serial Numbers: **MY00000101/MY41000439**
US00000000/US99999999

CC Source Regulation Out Of Specification

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

Parts Required:

P/N	Description	Qty.
5065-7064	Ferrite Kit	1

3/21/2005 ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.5 Hours
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
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: CP	PRODUCT LINE: 33	AGILENT RESPONSIBLE UNTIL: Always
ADDITIONAL INFORMATION:		

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Situation:**CC Source Regulation problem**

The N3301A mainframe does not meet its CC source regulation specification. The mainframe has a bulk supply which is measuring 318mVp-p common mode noise, the actual specification of this supply is 280mV. To correct the common mode noise problem two additional ferrite clamps (9170-1521) will be added to the output of the bulk supply. By doing this the N3301A will now meet the CC source regulation specification.

Solution/Action:

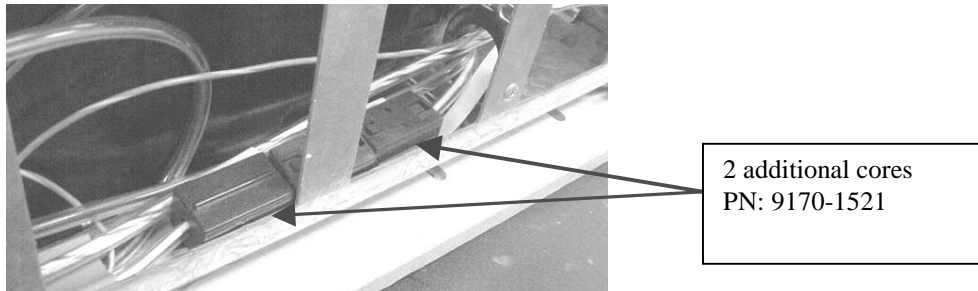
When this change has been implemented the N3300A or the N3301A will NOT require calibration.

Installation of Ferrite Core to the Mainframes**MODELS: N3300A & N3301A**

1. Remove the screws on the front and rear caps, which secure the strap handle on the Gpib board side.



2. Open the side panel cover and install the clamp-on ferrite core PN: 9170-1521 qty 2 side by side to the existing core on the cable.



3. When the installation completed, replace the side panel cover and the strap handle. The curve side of the strap handle facing down. Then secure the caps to front and rear with screws.