6633B-08

S E R V I C E   N O T E

Supersedes:
NONE

Agilent 6633B DC Power Supply

Serial Numbers: MY43000387/MY43000516

On faster computers, when programming over GPIB, a random error will occur.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
0699-3058	100 Ohm resistor	1
5063-4841	GPIB Assembly, tested	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	[[]] IMMEDIATELY x ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours	
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE [[]] ON-SITE x SERVICE CENTER	SERVICE [[]] RETURN INVENTORY: x SCRAP [[]] SEE TEXT	USED [[]] RETURN PARTS: x SCRAP [[]] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: obsolescence	
AUTHOR: MC	PRODUCT LINE: 33		
ADDITIONAL INFORMATION:			

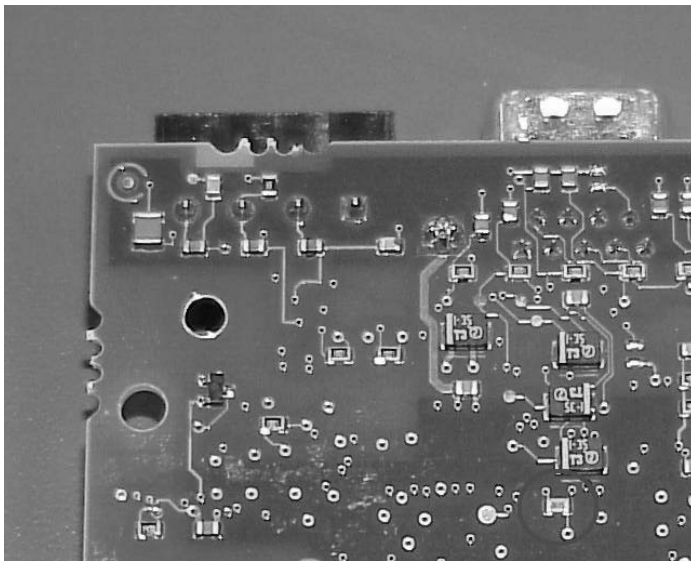September 29, 2005

Agilent Technologies

Situation:
When programming a unit over GPIB, a random error -113 ("Undefined header") will appear on the unit. This error can be read beck via the front panel or over the GPIB bus.

Solution/Action:
There are two potential solutions.

<u>Solution 1</u>
Change resistor R1246 (see picture for location) from 511 Ohms to 100 Ohms (part number 0699-3058). This requires un-soldering and soldering a surface mount component and can be very difficult. This does not require re-calibration.

<u>Solution 2</u>
Replace the entire GPIB assembly (part number 5063-4841) with a newer one that has the 100 Ohm resistor. This will require the unit to be re-calibrated.