

S E R V I C E N O T E

SUPERSEDES: NONE

66312A Dynamic Measurement DC Source

Serial Number: see below

RS232/GPIB Firmware Hang-ups.

Duplicate Service Notes:

| | | |
|---------------|----------------|-------------------------|
| 6611C#J05-01 | Serial Number: | US37450160 / US37450183 |
| 66312A#J01-01 | Serial Number: | US00000000 / US37443297 |
| 66312A#J02-01 | Serial Number: | US00000000 / US37443297 |
| 66312A#J03-01 | Serial Number: | US00000000 / US37443297 |
| 66312A#J04-01 | Serial Number: | US00000000 / US37443297 |
| 66312A#J05-01 | Serial Number: | US00000000 / US37443297 |
| 66312A#J08-01 | Serial Number: | US00000000 / US37443297 |
| 66332A-02 | Serial Number: | US00000000 / US37471261 |

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

| P/N | Description |
|------------------------|-------------|
| 5080-2513 REV. A.01.03 | ROM U205 |

Continued

DATE: September 1998

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 0.5 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 |
| AVAILABILITY: | PRODUCT'S SUPPORT LIFE | USED PARTS: | <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT |
| AUTHOR: BM | ENTITY: 2100 | AGILENT RESPONSIBLE UNTIL: | September 2000 |
| | | ADDITIONAL INFORMATION: | |

Situation:

Units with ROM Revision numbers less than A.01.03 have various firmware "Bugs".

1. The RS232 Command "Measure array" or "Fetch array" causes the bus to hang up.
2. The GPIB interface locks up when a device clear command is used to abort a measurement in progress.
This is likely a problem if the user needs to abort a measurement due to:
 - a) a triggered measurement does not receive a trigger, or b) the time interval is too long.

Solution / Action:

Units returned for firmware hang-up problems, replace U205 on the A2 (GPIB) board with p/n 5080-2513 REV. A.01.03 .

ROM's with revisions less than A.01.03 follow procedures in the Service Manual for "ROM Upgrade", there is no need to calibrate or align the unit.