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 CLA	SSIFICATION:		
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY☐ ON SPECIFIED FAILURE☐ AGREEABLE TIME	STANDARDS: LABOR 0.5 Hours	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE☐ ON-SITE☐ SERVICE CENTER	SERVICE RETURN USED RETURN PARTS: SCRAP SEE TEXT SEE TEXT	
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: September 2000	
AUTHOR: BM	ENTITY: 2100	ADDITIONAL INFORMATION:	

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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.