

S E R V I C E N O T E

SUPERSEDES: None

66000A Modular Power System Mainframe

Serial Numbers: 3138A00102 / 3302A00822

Input snubber resistors may fail**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

| Part No. | Qty. | Description |
|-----------|------|------------------------|
| 0686-2705 | 2 | Resistor, 27 ohm, 0.5W |

Situation:

There are 3 parallel 42.2 ohm, 0.125 watt resistors in series with a 1 uF capacitor across the AC input line of the MPS Mainframe. When operated at the higher AC line voltage options (174-250VAC), and the AC is applied to the mainframe at or near the peak of the line, the resistors change value slightly due to the inrush surge. Each additional application of the line further increases the resistors' value until the average dissipation exceeds the rating of the device.

Solution/Action:

Dis-assemble the mainframe to gain access to the main PC board. Remove resistors R182, R187, and R188. Replace these resistors with 2, 27 ohm 0.5 W resistors in component locations R182 and R187. Re-assemble the unit and install an Output Module. Then, per-

Continued

DATE: 15 December 1993

ADMINISTRATIVE INFORMATION

| | | | |
|---------------------------------|--|--|---|
| SERVICE NOTE CLASSIFICATION: | | | |
| MODIFICATION RECOMMENDED | | | |
| ACTION CATEGORY: | <input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS: | Labor 0.75 Hour |
| 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 <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: DF | ENTITY: 2100 | AGILENT RESPONSIBLE UNTIL: December 1996 | |
| | | ADDITIONAL INFORMATION: | |

form the Turn-On Checkout procedure in Chapter 3 of the MPS Power Module User's Guide.

This modification is to be installed on all units returned for any type of service.

The following units were modified prior to shipment by the division:

3138A-00129, 00136, 00139, 00215, 3217A-00261, 00276, 00327,
3302A-00722, 00724, 00749, 00769, 00774, 00775, 00784, 00797,
00799, 00800, 00802 thru 00813, 00815 thru 00819 and 00821