

## S E R V I C E N O T E

SUPERSEDES: 83752B-03

**83752B Synthesized Sweeper**

Serial Numbers: See below

**4.5 Boot ROM bug****Duplicate Service Notes:**

83751A-03A Serial Number: 0000A00000 / 3447A99999

83751B-02A Serial Number: 0000A00000 / 3447A99999

83752A-03A Serial Number: 0000A00000 / 3447A99999

83752B-03A Serial Number: 0000A00000 / 3447A99999

**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

| P/N         | Description          | Quantity |
|-------------|----------------------|----------|
| 83750-60081 | Boot ROM Upgrade Kit | 1        |

**Situation:**

A bug exists in rev. 4.5 boot ROMs that cause a situation where external leveling does not work correctly. To recover from the problem, the SRAM needs to be cleared. A new boot ROM set with rev. 4.6 corrects the problem. Also, other random problems have been reported that changing the boot ROMs has corrected. The boot ROM revision number is displayed in the frequency window each time the instrument is turned on.

*Continued*

DATE: August 1998

## ADMINISTRATIVE INFORMATION

|                                 |   |   |  |
|---------------------------------|---|---|--|
| SERVICE NOTE CLASSIFICATION:    |   |   |  |
| <b>MODIFICATION RECOMMENDED</b> |   |   |  |
| ACTION CATEGORY:                | <input type="checkbox"/> IMMEDIATELY<br><input type="checkbox"/> ON SPECIFIED FAILURE<br><input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS:<br>LABOR 1.0 Hours   |  |
| LOCATION CATEGORY:              | <input type="checkbox"/> CUSTOMER INSTALLABLE<br><input type="checkbox"/> ON-SITE<br><input checked="" type="checkbox"/> SERVICE CENTER     | SERVICE INVENTORY: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY:                   | PRODUCT'S SUPPORT LIFE  |   | AGILENT RESPONSIBLE UNTIL: August 15, 2000   |
| AUTHOR: DMc                     | ENTITY: 5320  |   | ADDITIONAL INFORMATION: None   |

**Solution / Action:**

Anytime an instrument is in for repair and has boot ROM rev. 4.5, upgrade the boot ROMs to rev. 4.6 by installing the Boot ROM Upgrade kit. The price of the upgrade kit (material charges) should be charged to extended warranty. If the parts are installed at an Agilent Service Center, labor charges are also covered. The boot ROMs are located on the A4 CPU assembly reference designators U5 and U25.