

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**4352B-09A**

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

Supersedes:  
4352B-09

## **4352B VCO/PLL Signal Analyzer**

**Serial Numbers: JP1KE00101/JP2KE00748**

### **Power-on Failure Due to a Stressed Capacitor on the DC-DC Converter Board**

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

#### **Parts Required:**

| <b>P/N</b>  | <b>Description</b>              | <b>Qty.</b> |
|-------------|---------------------------------|-------------|
| E4970-66550 | A50 DC-DC Converter Board Ass'y | 1           |

#### **Situation:**

Eight capacitors (10 uF) on the A50 DC-DC Converter board have been stressed in the board assembly manufacturing process, which may cause the capacitor to open. An opened capacitor may operate on the shutdown circuit in the DC-DC Converter, thus disabling the instrument power from turning on.

#### **Solution/Action:**

Replace A50 DC-DC Converter board ass'y (p/n E4970-66550).

## **ADMINISTRATIVE INFORMATION**

|                                                                                                                |                                                                                                                                             |                                                                                                                           |                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| SERVICE NOTE CLASSIFICATION:                                                                                   |                                                                                                                                             |                                                                                                                           |                                                                                                                               |
| <b>MODIFICATION RECOMMENDED</b>                                                                                |                                                                                                                                             |                                                                                                                           |                                                                                                                               |
| ACTION CATEGORY:                                                                                               | <input type="checkbox"/> IMMEDIATELY<br><input checked="" type="checkbox"/> ON SPECIFIED FAILURE<br><input type="checkbox"/> AGREEABLE TIME | STANDARDS:<br>LABOR: 0.5 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 checked="" type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY:                                                                                                  | PRODUCT'S SUPPORT LIFE                                                                                                                      | AGILENT RESPONSIBLE UNTIL: December 2002                                                                                  |                                                                                                                               |
| AUTHOR: HH                      PRODUCT LINE: WN                                                               |                                                                                                                                             |                                                                                                                           |                                                                                                                               |
| ADDITIONAL INFORMATION: Use 02G for the Repair Class and enter the PSSN number in the Repair Details SIS-Entry |                                                                                                                                             |                                                                                                                           |                                                                                                                               |

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