

MODIFICATION RECOMMENDED

**E5071C-03**

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

Supersedes:  
NONE

E5071C ENA Series Network Analyzer, 9 kHz to 8.5 GHz

Serial Numbers: ALL

**"Tripping issue of GFI (Ground Fault Interrupter)"**

**Parts Required:**

| P/N       | Description                | Qty. |
|-----------|----------------------------|------|
| 0950-5249 | Power Supply 296W 6-Output | 1    |

## ADMINISTRATIVE INFORMATION

|                                 |                                                                                                                                                   |                                                                                                                           |                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| SERVICE NOTE CLASSIFICATION:    |                                                                                                                                                   |                                                                                                                           |                                                                                             |
| <b>MODIFICATION RECOMMENDED</b> |                                                                                                                                                   |                                                                                                                           |                                                                                             |
| ACTION CATEGORY:                | X 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>X SERVICE CENTER<br><input type="checkbox"/> CHANNEL PARTNER | SERVICE INVENTORY: <input type="checkbox"/> RETURN<br><input type="checkbox"/> SCRAP<br><input type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN<br>X SCRAP<br><input type="checkbox"/> SEE TEXT |
| AVAILABILITY:                   | PRODUCT'S SUPPORT LIFE<br>NO CHARGE AVAILABLE UNTIL: March 2012                                                                                   |                                                                                                                           |                                                                                             |
| AUTHOR: jm                      | PRODUCT LINE: WN                                                                                                                                  |                                                                                                                           |                                                                                             |
| ADDITIONAL INFORMATION:         |                                                                                                                                                   |                                                                                                                           |                                                                                             |

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**Situation:**

As soon as the E5071C is turned on, GFI (Ground Fault Interrupter) which is connected to the E5071C trips.

**Solution/Action:**

1. Confirm the GFI at the customer site meets the specification of the AC power line as below.

**Line Power\*2**

| Description | General Characteristics                                   |
|-------------|-----------------------------------------------------------|
| Frequency   | 47 Hz to 63 Hz                                            |
| Voltage     | 90 to 132 VAC, or 198 to 264 VAC (automatically switched) |
| VA Max      | 350 VA max.                                               |

\*2. A third-wire ground is required.

2. When the GFI meets the specification, replace the old power supply with the new one.

| OLD P/N   | NEW P/N   | Description                |
|-----------|-----------|----------------------------|
| 0950-4773 | 0950-5249 | Power Supply 296W 6-Output |

3. After replacing the power supply, check the following items.

- Inspect the booting process
- "Power On Test"

- End of Document -