

E5071C-03B

S E R V I C E N O T E

Supersedes:
E5071C-03A

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.
0950-4989	Power Supply 350-Watt 5-Output	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION <input checked="" type="checkbox"/> ON SPECIFIED FAILURE CATEGORY: <input type="checkbox"/> AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours	
LOCATION <input type="checkbox"/> CUSTOMER INSTALLABLE CATEGORY: <input type="checkbox"/> ON-SITE (active On-site contract required) <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE <input type="checkbox"/> RETURN INVENTORY: <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED <input type="checkbox"/> RETURN PARTS: <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY: PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: March 2012	
<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required	PRODUCT LINE: WN AUTHOR: LS	
ADDITIONAL INFORMATION:		

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PRINTED IN U.S.A.

June 6, 2013

Rev. 21



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	47Hz to 63Hz
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. New power supply doesn't come with the wire assembly and separate wire assembly purchase is required. Purchase the new power supply with the required wire assembly + peripherals as shown below. Old power supply bracket (non-E5071-00612) would need to be replaced as the screw/ nut position will be different. .

Old P/N	Qty.	New P/N	Qty.	Description
0950-4773	1	0950-4989	1	Power Supply 350-Watt 5-Output
		E5052-61659	1	Wire assembly PS CPU
		E5061-07003	1	Gasket
		E5071-61667	1	Wire assembly PS main
		E5071-61668	1	Wire assembly PS peripheral
		E5071-00612	1	Power Supply Bracket

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

- Inspect the booting process
- "Power On Test"

Revision History:

Revision Number	Date	Author	Reason For Change
1.0		jm	As published
1.1	27 Sept 2012	ls	Revised on the part number
1.2	6 June 2013	ls	Added PN on power supply bracket