

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E5272A-01**

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

Supersedes:  
NONE

## E5272A 2 Channel Source Monitor Unit

Serial Numbers: JP10L00100/JP10L00105

### SMU Modules may be Intermittently Unrecognized

To Be Performed By: Agilent-Qualified Personnel

#### Parts Required:

<u>P/N</u>	<u>Description</u>	<u>Qty.</u>
E5281-00201	MPSMU module front panel	2

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	
LOCATION CATEGORY:	<input 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 checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: March, 2005	
AUTHOR: SY	PRODUCT LINE: 1H		
ADDITIONAL INFORMATION:			

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**Situation:**

The E5272A within the listed serial number range may have the problem that the installed SMU modules are intermittently unrecognized by CPU board (5272A). Typically, this problem disappears if you uninstall and reinstall the SMU modules.

**Solution/Action:**

When you repair or calibrate the E5272A, check the serial number and manufacturing date code (MDC) labeled on the SMU modules.

The improved SMU module has the MDC of 4307 or below as shown below. If the MDC is 4306 or above, replace the SMU front panel with improved one (p/n E5280-00201 and p/n E5281-00201).

E528x-xxxxx 33-xxxx xxxx-4307 MADE IN JAPAN
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Prior to use the SMU modules and power supply module for repair, confirm that improved parts are used. If you find the parts apply to this service note in your support inventory, replace the front panel or cable guide. Then use the parts for the repair.