E5052A-02

S E R V I C E   N O T E

Supersedes:
NONE

E5052A Signal Source Analyzer

Serial Numbers: MYxxxxxxxx / MYxxxxxxxx

Abnormal Shutdown due to Power Supply Voltage drop

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
0950-4836	Power Supply	1
E5052-66513	Power Distribution Board	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	[[]] IMMEDIATELY X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	

LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE
	[[]] ON-SITE
	X SERVICE CENTER
		SERVICE [[]] RETURN
		INVENTORY: [[]] SCRAP
		                  [[]] SEE TEXT
			USED [[]] RETURN
			PARTS: X SCRAP
			                 [[]] SEE TEXT

AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: May 2008	
AUTHOR: jm PRODUCT LINE: WN			
ADDITIONAL INFORMATION:			

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Situation:

1. "Power on test fail" error message is displayed due to unexpected power supply voltage drop when turning power on. However the suspicious unit can make the measurement and the measurement results look good.

2. When turning power off, the unit shutdown immediately without normal Windows operating system shutdown process. This phenomenon is also caused by the same failure mode as 1.

In either case, the A3 DC BUS P3.3V FAILED is a common error that occurs during the E5052A power on tests.

Solution/Action:
Replace old power supply and power distribution board by new ones.

OLD P/N	NEW P/N	Description
0950-4550	0950-4836	PWR-SPLY AC/DC SWTG 342W 6-OUTPUT CUSTOM
E5052-66512	E5052-66513	Power Distribution Board

After replacing the parts, please check the following items.

- Inspect the booting process
- "Power On Test"

- End Of Document -