

S E R V I C E N O T E

SUPERSEDES: None

HP 4291B RF Impedance/Material Analyzer**Power Supply does not comply with CSA950/IEC950 Standards**

Serial Numbers: JP1KE00153 / JP1KE00178

WARNING**Power Supply does not comply with CSA950/IEC950 Standards****To Be Performed By:** HP-Qualified Personnel**Parts Required:**

HP P/N	Description	Quantity
0950-3246	Power Supply	1

Situation:

The power supply board of the 4291B specified above may not comply with the high potential test of the CSA950/IEC950 Standards.

The test is; 1500V voltage was put into power line of instrument for seven seconds, and current has to be less than 20 mA.

Usually power line voltage would be less than 250 V, but when power line is strucked by lightning, customer may feel a shock.

Continued

DATE:September 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
SAFETY			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR HOURS 0.5
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	ALWAYS	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: AY	ENTITY 3355:	HP RESPONSIBLE UNTIL: ALWAYS	
		ADDITIONAL INFORMATION: None	

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Solution / Action:

This problem can be fixed by replacing with a new power supply. No adjustments and performance tests are required after this replacement.