

S E R V I C E N O T E

SUPERSEDES: 4291B-02

**4291B RF Impedance Material Analyzer**

**Serial Numbers:** JP1KE00101 / JP1KE00153

**To fix Internal Real Time Clock Delay trouble**

**To Be Performed By:** Agilent-Qualified Personnel

**Parts Required:**

P/N	Description	Quanty
0757-0465	Resistor 100kohm	1

**Situation:**

On the SET CLOCK menu located in the System (hardkey) menu, the internal clock can be set. The clock will keep the time more than 3 days even if the 4291B is turned off, when the battery capacitor is charged more than 2 hours by heat-running. However sometimes the battery is discharged extreamly quickly, less than a couple of hours, and causes time delay. In this case, perform this modification to fix the problem.

**Solution / Action:**

Solder the 100 komh resistor to U5 pin 5 and U5 pin 8 of the CPU board (P/N E4970-66501). The U5 is located near a big green capacitor(battery) on the CPU board. The circuit side of the board would be convenient to solder the resistor. No Adjustments and Performance Tests are required after this modification.

DATE: August 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 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 type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: AY	ENTITY: 3355	AGILENT RESPONSIBLE UNTIL:	August 2000
		ADDITIONAL INFORMATION:	