S E R V I C E   N O T E

SUPERSEDES: NONE

HP 4396A RF LCR Meter

Serial Numbers: See Duplicate Service Notes Below

Modification to fix Internal Real Time Clock Delay trouble

Duplicate Service Notes:

4286A-04	Serial Numbers:	JP1KA00101 / JP2KC00687
4291A-04	Serial Numbers:	JP1KA00101 / JP9KZ99999
4352A-01	Serial Numbers:	JP1KC00101 / JP9KZ99999
4395A-05	Serial Numbers:	JP1KE00101 / JP1KE00285
4396A-16	Serial Numbers:	0000J00000 / 9999J99999
4396B-06	Serial Numbers:	JP1KE00101 / JP1KE00407

To Be Performed By: HP-Qualified Personnel

Parts Required:

HP P/N	Description	Quantity
0757-0465	Resistor 100kohm	1

Continued

DATE: July 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			

ACTION CATEGORY:	☐ IMMEDIATELY ■ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR 1 Hour	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ■ HP LOCATION	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☐ SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: July 2000	
AUTHOR: KW	ENTITY: 3355	ADDITIONAL INFORMATION:	

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Situation:

Internal clock might be delayed in some specific charged conditions. 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 4286A is turned off, when the battery capacitor is charged more than 1 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 100k ohm resistor to U5 pin 5 and U5 pin 8 of the CPU board (HP P/N 04396-66501). 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.