

4276A-08

S E R V I C E N O T E

SUPERSEDES: NONE

**HP 4276A LCZ Meter**

Serial Numbers: 0000A00000 / 9999Z99999

**Repair Information for Resistance Accuracy Test Failures**

To Be Performed By: HP-Qualified Personnel

**Parts Required:**

HP P/N	Qty.	Description
0160-5501	1	CAP. 0.1UF 100V

**Situation:**

Although the 100 ohm range resistor is correctly adjusted, the 100 ohm resistance accuracy test may be out of specifications at all (or most) test frequencies. In this case, the displayed values are more than 10 counts below the calibrated value of the 100 ohm standard resistor included in the HP 16074A. Self test item 9 of the Self-Operating Test may be also out of specifications at some frequencies. These symptoms occur because the dielectric absorption of the integrator charge capacitor (A2C69) has deteriorated.

**Solution/Action:**

Replace A2C69 with a new one (HP P/N 0160-5501).

DATE: February 1995

**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 Hours		
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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	HP RESPONSIBLE UNTIL: February 1997			
AUTHOR: MH	ENTITY: 3355	ADDITIONAL INFORMATION:			