

# 3455A-29

## S E R V I C E N O T E

SUPERSEDES

### HP 3455A Digital Voltmeter

**Serial Numbers:** 0000A00000 / 9999A99999

#### **Input capacitance specification change.**

**Situation:**

A production change in 1984 changed the specification for input capacitance to the 3455A. The performance tests in the manual were never modified to reflect the change in specifications.

**Solution/Action:**

The procedure in the HP 3455A Operating and Service Manual should be modified to read as follows:

4-56. AC VOLTMETER INPUT IMPEDANCE TEST.

**Note:**

Only paragraphs i. and k. require changes. All others are to remain as printed in the manual.

*Continued*

DATE: 24 September 1993

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>INFORMATION ONLY</b>		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
DLL	0900	

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- i. The 3455A reading should be greater than 0.59294 V, verifying that the input shunt capacitance is less than 105 pF

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- .
- .
- .

- k. Repeat Steps c through i to test the input impedance at the rear INPUT terminals. In Step i, the 3455A reading should be greater than 0.64790 V verifying that the rear terminal input shunt capacitance is less than 90 pF.