

S E R V I C E N O T E

SUPERSEDES: None

HP 4274A Multi-Frequency LCR Meter

Serial Numbers: 0000A00000 / 9999Z99999

Duplicate Service Notes: 4275A-29

Troubleshooting tip when Capacitance Accuracy Test deviates slightly from test limits

Situation:

We have experienced difficult troubleshooting when the capacitance accuracy test slightly deviates from the test limits. Solutions attempted include performing all adjustments , and replacing all the analog-related boards.

The cause was found in IC A7U25 on a DIGITAL board. When IC A7U25 has a certain defect, the capacitance accuracy test slightly deviates from the test limits as if the ANALOG circuit has some defect. This symptom may mislead personnel into replacing all the analog related boards.

Solution/Action:

Try replacing IC A7U25 before you spend a lot of time troubleshooting.

DATE: 19 August 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

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