

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**54853A-03**

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

Supersedes:  
None

## **54853A Infiniium Oscilloscope – 20 GSa, 4 Ch, 2.5 GHz**

**Serial Numbers:**

**MY42000001 - MY43001000**

**SG42000001 - SG43001000**

**Possible incompatibility between the A2 power supply and the A22 Power Distribution board.**

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
<b>0950-4369</b>	<b>Power Supply</b>	<b>1</b>
<b>54855-66514</b>	<b>Power Distribution Board</b>	<b>1</b>

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:

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**Agilent Technologies**

April 5, 2004

**Situation:**

The power supply used in 54853A was modified without the Agilent Technologies, Inc. part number changing. Only the manufacturer's part number changed. The new power supply is not compatible with the old 54855-66502 power distribution board.

**Solution/Action:**

If you have a defective power supply or power distribution board, you must verify the manufacturer's part number on the power supply. Look for Celestica label on the power supply. Then, locate the Celestica part number. See the figure in this service note. The figure shows a label with the manufacturer's part number for a new power supply.

Celestica part number 5110-PACC00-111 is the new power supply. If the A2 power supply is defective, replace just the power supply. If the A22 power distribution board is defective, replace just the power distribution board. If the 54853A is out of warranty, then charge the repair costs to the customer.

Celestica part number 5110-EACC00-111 is the old power supply. If either the A2 power supply or the A22 power distribution board is defective, you must replace both the power supply and the power distribution board. At the writing of this service note, 0960-4369 was the most recent A2 power supply and 54855-66514 was the most recent A22 power distribution board. If newer part numbers are available in the future, then use the newer part numbers available.

If the oscilloscope is out of warranty and the A2 power supply is defective, charge the cost of the new A2 power supply to the customer and charge the cost of the new A22 power distribution board to warranty. If the A22 power distribution board is defective, charge the cost of the new A22 power distribution board to the customer and charge the cost of the new A2 power supply to warranty.

