

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**86130A-13A**

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

Supersedes:  
86130A-13

## **86130A BitAlyzer Error Performance Analyzer**

Serial Numbers: [0000A00000 / 9999Z99999]

**New replacement A1 Power Supply Assembly available. Direct replacement for A1 86130-60011 (still available).**

### **Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
86130-60153	POWER SUPPLY ASSEMBLY	1 per instrument
OR		
86130-69153	POWER SUPPLY ASSY – REFURB	1 per instrument

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:

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**Situation:**

A1A1 0950-3811 Power Supply (Lambda-Ultraflex) was discontinued by the supplier due to low order volume. Agilent has qualified a replacement A1A1 0950-4591 Power Supply (Lambda-Vega), **however, it is not a drop-in replacement at the A1A1 assembly level.**

To facilitate a drop-in replacement, a new A1 Power Supply Assembly was created. The new A1 86130-60153 Power Supply Assembly includes a different A1A1 Power Supply, A1A2 Power Distribution Board, Cables and Sheet Metal Bracket.

**A1 86130-60153 Power Supply Assembly is a direct replacement for A1 86130-60011 Power Supply Assembly.**

**Solution/Action:**

If an A1A1 Ultraflex Power Supply (New 0950-3811 or Refurb 0950-4648) fails, it can be replaced in the following way: Replace A1 86130-60011 (Figure 1) with A1 86130-60153 Power Supply (Figure 2) Sub-Assembly (direct replacement)



Figure 1 – A1 86130-60011 (Ultraflex)



Figure 2 – A1 86130-60153 (Vega)

NOTE - Power Supply failures are NOT covered by Agilent Extended Factory Warranty. Power Supply replacement, as documented in this Service Note, is at customer expense unless covered by a WCSS Agreement.

The following information might help describe the replacement history of the 86130A power supplies:

- 86130-68011(obsolete) cross referenced to 86130-60011, now obsolete
- 86130-60011 (obsolete) cross referenced to 86130-60153
- 86130-69011 (obsolete) cross referenced to 86130-60153
- 0950-3811 (obsolete) cross referenced to 86130-60153
- 0950-4648 (obsolete) cross referenced to 86130-60153
- The 0950-4591 is a viable replacement part

Perform the Power Supply “Post–Replacement Procedure” as outlined in the N4906A/86130A Service Guide.

END.