

S E R V I C E N O T E

SUPERSEDES: NONE

86130A BitAnalyzer Error Performance Analyzer**Serial Numbers:** US4128 and earlier**Install Line Filter Assembly for Ringwave Fix****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
86130-69021	PC Assembly	1

Situation:

Early shipments of 86130A did not pass the internal Agilent 3KV Ringwave environmental test. As a result, some instrument power supplies may intermittently detect a power line transient and cause the PG Data and Clock Outputs to shutdown (to protect the output amps) - the GUI is still operational. The PG outputs can be re-enabled by cycling power to the instrument.

Continued

DATE: November 2001

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AGILENT RESPONSIBLE UNTIL: November 2003			
AUTHOR: VE	ENTITY: OCMD	ADDITIONAL INFORMATION: Factory Reference: SoCo PCO64548 and service note 86130A-05.	

Solution / Action:

The modification involves replacing the entire A5 CPU Assembly which will include a Line Filter module (Refer to the parts list for the A5 CPU Assembly). The addition of the Line Filter will allow the instrument to tolerate higher magnitude transients from the customer AC Line supply.

The unmodified A5 assembly must be returned to Agilent/LWD for credit.

Refer to 86130A Service Guide for instructions on Power Supply replacement.

Service Note 86130-05 should also be installed as part of this fix.