

MODIFICATION AVAILABLE – PERFORMANCE ENHANCEMENT
CHARGEABLE TO CUSTOMER SERVICE / RELIABILITY
ENHANCEMENT CHARGEABLE TO CONTRACT IF THERE IS ONE.

86030A-02

S E R V I C E N O T E

Supersedes:
NONE.

86030A 50GHz Lightwave Component Analyzer

Serial Numbers: [0000A00000 / 9999Z99999]

The fan filter in the controller of the 86030A system can become blocked by dust and debris. This blockage may cause the controller to overheat and fail. Preventative maintenance by way of cleaning this filter will increase system reliability.

To Be Performed By: Customer or Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
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NONE.

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
MODIFICATION AVAILABLE	
ACTION CATEGORY: Preventative Maintenance to be performed by customer at minimum 6 month intervals.	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: X CUSTOMER INSTALLABLE X ON-SITE <input type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: Life of the product. Agilent CE should perform this maintenance while carrying out any service call on this product.
AUTHOR: RBS PRODUCT LINE: 8F	
ADDITIONAL INFORMATION:	

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Situation:

The controller in the 86030A is located near the bottom of the system rack. It may be either 2 or 4 rack spaces high (2U or 4U) and can be easily identified since it also contains the CD ROM and floppy disk drive. The fan filter may get dirty and block adequate airflow through the controller. This may cause the controller to overheat and fail. The instrument will not power up after the controller has failed.

Solution/Action:

Customers should perform the following preventative maintenance procedure at least every 6 months (or more often in a harsh environment). Agilent Customer Engineers should perform this procedure whenever a service call is made on the system.

Action:

1. Shut down the system.
2. Open the front door of the controller by using the front panel latch.
3. Remove the fan filter by gently sliding it up and out of its holder.
4. Vacuum out the filter or wash with a mild detergent.
Note: Ensure the filter is dry prior to reinstalling.
5. Reinstall the filter.
6. Close the front door of the controller to complete this maintenance procedure.