

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

83493A-01

S E R V I C E N O T E

Supersedes:
NONE

83493A Clock Recovery Module

Serial Numbers: 83493A < US39180722

To Be Performed By: Agilent-Qualified Personnel

Parts Required: NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR: N/A	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☒ SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP ☒ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AGILENT RESPONSIBLE UNTIL: Support Life			
AUTHOR: RGB PRODUCT LINE: 8F			
ADDITIONAL INFORMATION:			

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Situation:**“Module not recognized”**

The 86100A will (sometimes) display this error message if the following condition occurs.

1. If you power on the 86100A when there is a Clock Recovery Module in the left slot and a electrical or optical module in the right slot then the error
2. message “Module not recognized” will appear. This does not occur on all 86100A mainframes.
3. If the 86100A mainframe is powered on and there is a electrical or optical module in the right slot inserting the clock recovery module into the left slot can cause the error message “Module not recognized”

Solution/Action:

Return to the Lightwave division only. This upgrade is covered under warranty.

This modification involves changing the value of one resistor, adding a resistor and capacitor to the clock line on the digital interface board. These are surface mount components and must be properly soldered. This is a “Return to Factory” only .