

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

83630B-10

S E R V I C E N O T E

Supersedes:
None

Agilent 836xx Series Synthesized Sweeper

Serial Numbers: 3844A00915/3844A01101

Displayed power supply failure message on turn-on.

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
1813-1258	OCXO 10 MHz Prec.	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR: 2.0 Hours	
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: October 2004	
AUTHOR: DMc PRODUCT LINE: 15			
ADDITIONAL INFORMATION:			

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Situation:

A change to the 10811E design caused a change to the 10811E's power-on current resulting in tripping the instrument's current limit circuit.

Solution/Action:

If a power on failure occurs on turn-on, turn power off, disconnect the instrument from line voltage and disconnect the 10 MHz from the mother board. Reconnect line voltage and turn the instruments power on. If the instrument turns on without a power failure indication, replace the 10 MHz standard. With the 10 MHz reference disconnected there will be an unlock messages displayed.

Part number 1813-1258 does not have this problem. Products other than the 836xx series may not have a problem with the higher turn-on current. The 10811E inventory may be used for other products.