

S E R V I C E N O T E

SUPERSEDES: NONE

836xx Synthesized Sweeper

Serial Numbers: 0000A00000 / 9999Z99999

836xx/8510 RF Unlock and Save/Recall problems**Duplicate Service Notes:**

83620A-03	83620B-03	83622A-03
83622B-03	83623A-03	83623B-03
83623L-03	83624A-03	83624B-03
83630A-04	83630B-03	83630L-03
83640A-03	83640B-03	83640L-03
83642A-02	83642A-02	83650A-04
83650B-03	83650L-03	

Continued

DATE: September 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:		STANDARDS:	
☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME		LABOR 1.0 Hours	
LOCATION CATEGORY:		SERVICE INVENTORY:	USED PARTS:
☒ CUSTOMER INSTALLABLE ☒ ON-SITE ☒ SERVICE CENTER		☐ RETURN ☒ SCRAP ☐ SEE TEXT	☐ RETURN ☒ SCRAP ☐ SEE TEXT
AVAILABILITY:		AGILENT RESPONSIBLE UNTIL:	
PRODUCT'S SUPPORT LIFE		September 1999	
AUTHOR: DM		ADDITIONAL INFORMATION:	
ENTITY: 5320			

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Quantity
08360-60201	Firmware Upgrade Kit	1

Situation:

Under some conditions, an 8510C and 836xx's with firmware < 4 Jun 97 will report an RF unlock message during test set calibration and operation. The RF unlock occurs when the 836xx sweep is stopped mid sweep and a new sweep started measurement restart key).The problem only exists with 8510 systems.

A second problem was found only in 836xx firmware rev. 29 Feb 96 involving the Save/Recall feature. When recalling a higher frequency range, a flat line can appear on the display. Pressing recall a second time eliminates the problem and the instrument operates normally. Again, the problem only effects 8510 systems.

Solution / Action:

For 836xx's used in an 8510 system, if the customer reports an occasional unlock during test set calibration/operation, replace the 836xx firmware using the upgrade firmware upgrade kit part number 08360-60201.

For 836xx's used in 8510 systems with firmware rev. 29 Feb 96, replace firmware using the firmware kit part number 08360-60201.