

S E R V I C E N O T E

SUPERSEDES: None

8517A Test Set

Serial Numbers: 0000A00000 / 9999Z99999

D.C. Return Upgrade Kit

To Be Performed By: Agilent-Qualified Personnel

Duplicate Service Notes:

85110A-01

8514A-04

8517A-01

8514B-01

8517B-01

8515A-04

85110L-01

Parts Required:**Part No.**

08510-60122

Description

D.C. Return Upgrade Kit

Continued

DATE: October 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: Labor 1.0 Hour	
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: Product's Support Life
AUTHOR: JB	ENTITY: 5340	ADDITIONAL INFORMATION:	



Situation:

The 8514A/B, 8515A, 8517A/B & 85110A/L test set switch splitter/switch driver generates a pulse each time the switch splitter switches between port 1 and port 2. These pulses get capacitively coupled through the switch splitter and into the 8360 series source. The source ALC loop reacts to the pulses so that the 8360 generates an overmodulation error which gets reported to the 8510C when using the power domain feature included with 8510C rev C.07.00 firmware or greater.

Solution/Action:

The overmodulation error can be eliminated by installing the D.C. return upgrade kit part number 08510-60122. The kit contains the necessary parts and instructions to eliminate this possible overmodulation error.

Source:

83620/22/30/50
8321/31/51

Serial Prefix

3245A/9999A
3139A/9999A