

S E R V I C E N O T E

SUPERSEDES: None

8595E 9kHz-6.5GHz RF Spectrum Analyzer option 111, H93 or K94

Serial Numbers: 0000U00000 / 3443U00359

Group Delay Card (option card for opt. 111, H93 & K94) used with 11770A Link Measurement Personality Card Revision A.02.00 (or earlier) and 11768-80012 DRTS Measurement Personality Card Revision A.02.00 (or earlier).

Link Analyzer Self Verification Test Failure

Parts Required:

P/N	Description
11770A (latest revision)	Link Measurement Personality Card
or	
11768-80017 (or later revision)	DRTS Measurement Personality Card

Situation:

There is a self test available on the 11770A and 11768-80012 Personalities. This is used to verify the performance of the group delay card in the Spectrum Analyzer. Revision A.02.00 of the 11770A and 11768-80012 Personalities do not take into account that the group delay card may use a Select On Test resistor. If the default value of this resistor was

Continued

DATE: February 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: Labor 0.5 Hour	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: JP	ENTITY: E600	AGILENT RESPONSIBLE UNTIL: February 1997	
		ADDITIONAL INFORMATION:	

changed in the factory the link analyzer self test will fail. The failure message implies that the group delay card is faulty, however the failure is caused by the personality card.

The error is seen as follows:

Select Group Delay Verification Mode, then run Verify Card as described in the Performance Verification section of the 11770A/11768-80012 Manual. The error message “Bad PLL Centre Voltage” will be displayed in the first part of the test if the failure is going to occur.

Solution/Action:

It is recommended that the 11770A or 11768-80012 be replaced with the latest revision if this failure is seen.