

S E R V I C E N O T E

SUPERSEDES: None

8593E 9kHz-22GHz Microwave Spectrum Analyzer

Serial Numbers:

3402U00501 / 3402U00526
 3408U00527 / 3408U00530
 3409U00531 / 3409U00533

A16 Processor / Video Board Assembly

Incorrectly programmed PAL device may cause instrument failures

To Be Performed By: Agilent-Qualified Personnel

Duplicate Service Notes:

8590D-04
 8591C-01
 8591E-04
 8592D-02
 8593E-05
 8594E-05
 8595E-05
 8596E-05

Parts Required:

Part No.	Description
08590-80200	PAL, Programmed

Continued

DATE: 05 May 1994

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 1.0 Hour
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" 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: DWH	ENTITY: A100	AGILENT RESPONSIBLE UNTIL: 05 May 1996	
		ADDITIONAL INFORMATION:	

Situation:

The PAL, A16U114, was incorrectly programmed for the range of serial numbers described above. The parts appear to operate correctly but the longer term reliability may be degraded.

Solution/Action:

It is recommended that A16U114 (08590-80200) is replaced when any failure is reported on the range of spectrum analyzers described above. The part should be changed even for failures which appear unrelated to the PAL operation. The part will only require to be changed once because all incorrectly programmed parts have been purged from stock.

It should not be necessary to remove the A16 processor assembly from the instrument, to replace the PAL, U114. The PAL device is in a socket and is located beside the ROM, U7.