

S E R V I C E N O T E

SUPERSEDES: None

4291A RF Impedance/Material Analyzer

Serial Numbers: 0000A00000 / JP1KA00114

Duplicate Service Notes: None

Low osc level caused by defective A3A3

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
5086-6620	Source (rebuilt-exchange)	1

Situation:

The A3A3 assemblies with serial numbered 528 and below may have a certain defect caused by its manufacturing process. The questionable A3A3 assemblies are used in the above serialized 4291A units. It can cause the following symptoms:

1. Self test 15 "Source Level" test fails
2. Lower osc level (test procedure is described in the service manual pages 7-27 and 7-28).

Continued

DATE: 21 January 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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: YO	ENTITY: 3355	AGILENT RESPONSIBLE UNTIL: 21 January 1996	
		ADDITIONAL INFORMATION:	

Solution/Action:

Replace the A3A3 with referring to chapter 13 Replacement Procedure in the service manual. After replacement, Post Repair Procedures in chapter 14 should be performed.