

S E R V I C E N O T E

SUPERSEDES: NONE

RF Section**Serial Numbers:** 0000A00000/US39312258**Source failures with low or no output signal****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

Agilent P/N	Description
89431-69570	Exchange Source Assembly

Situation:

Several recent RF section source failures have been traced to an amplifier failure on the A70 source assembly. In this application, the amplifier DC bias is near its rated specification. The biasing has been redesigned to improve the reliability of this part. Assemblies with date code 4009 or greater have this modification.

Solution/Action:

When the source output level is low by 40 dB or more, and the troubleshooting procedure in the service guide indicates that the A70 source assembly is faulty, the amplifier has most likely failed. Replace the A70 assembly with date code 4009 or greater.

DATE: March 2000

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 5.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AUTHOR: DWH		AGILENT RESPONSIBLE UNTIL: March 2002	
ENTITY: S100		ADDITIONAL INFORMATION:	

