

S E R V I C E N O T E

SUPERSEDES: None

70908A RF Section**Serial Numbers:** 0000A00000 / 2924A00532**Exceptions:**

2826A00443
 2826A00473
 2826A00491
 2826A00509
 2826A00510
 2924A00521/2924A00529

Reducing n x 300 MHz residual responses**To Be Performed by:** Agilent-Qualified Personnel**Parts Required:**

Part No.	Description
70908-20050	Polyiron Residual Suppressor
0470-0450	Dow Silicon RTV

Situation:

A n x 300 MHz residual response is being generated in the last converter (P/N 70908-60003). The residual suppressor decreases the amplitude of all residuals related to harmonics of 300 MHz by at least 10 dB.

Continued

DATE: 06 April 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☐ ON SPECIFIED FAILURE ☒ AGREEABLE TIME	STANDARDS: Labor 3.0 hrs	
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		RESPONSIBLE UNTIL: 01 May 1994
AUTHOR: RDS	ENTITY: 4500	ADDITIONAL INFORMATION:	



Solution/Action:

The 70908-20050 should be bonded to the 70908A center casting underneath the last converter board with Dow Silicon RTV.

- At an ESD safe workstation remove the 70908A module cover, 3rd converter cover (P/N 70908-20012) and the 3rd converter board (P/N 70908-60003).
- The polyiron residual suppressor fits into the center casting (P/N 70908-20016) next to the 2nd converter. The polyiron fits only one way. Apply a thin layer of RTV to the center casting and gently press the polyiron into place. Allow at least one hour for the RTV to set before assembling the module.
- Perform the 321.4 MHz Band Pass Filter Adjustment from the adjustment menu and all final tests from the 70908A Module Verification Software Revision B.02.00 or later.
- Perform Limited Cal utilizing the 11990A System Performance Test Software.