S E R V I C E   N O T E

SUPERSEDES: None

70908A RF Section

Serial Numbers: 0000A00000 / 9999A99999

Multiplier Power Out Adjustment

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required: Module Verification Software part number 70908-10008
(Revision B.02.00)

Situation:

To help reduce SYTFMD (5086-7741) discriminator unlock errors the adjustment software for the LO Multiplier (5086-7742) is being modified. If the Multiplier is capable of producing more power, than the software will allow 1 dB more of output power in the 4L-Band (12.6 GHz to 22 GHz).

Continued

DATE: January 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
MODIFICATION RECOMMENDED				
ACTION CATEGORY:	☐ IMMEDIATELY ☐ ON SPECIFIED FAILURE ■ AGREEABLE TIME	STANDARDS: Labor 1.0 Hour		
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	AGILENT RESPONSIBLE UNTIL: Product's Support Life		
AUTHOR: RDS	ENTITY: 5340	ADDITIONAL INFORMATION:		

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Solution/Action:
Implement the following steps to modify the software:

Insert the Adjs Disk into your computer's default drive.

1. LOAD "MULT_PWR"

2. ENTER or RETURN

3. REN 1,1

4. ENTER or RETURN

5. EDIT 492

6. ENTER or RETURN

7. Change line 492 to read:

   Min_range=MIN(Meas_pwr-Power_delta(Band_num), 13.25)-(2*Toler(2))

8. ENTER or RETURN

9. Change line 493 to read:

   Min_range=MIN(Meas_pwr-Power_delta(Band_num), 13.25)+Toler(2)

10. ENTER or RETURN

11. PURGE "MULT_PWR"

12. ENTER or RETURN

13. STORE "MULT_PWR"

Note

The write/protect switch on the disk needs to be in the write mode.

14. ENTER or RETURN