

S E R V I C E N O T E

SUPERSEDES: NONE

4934A Transmission Impairment Measuring Set

Serial Numbers: USNFA00056 / USNFA00186

Receive level problem.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty
0698-7847	Resistor	1

Situation:

Receive level problem. When output is adjusted to -22dbm, the receive level drops to -52 or jumps around

Solution / Action:

Replace the resistor.

Continued

DATE: June 2001

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 Hours
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
		USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: June 2003	
AUTHOR: CM	ENTITY: 08N7	ADDITIONAL INFORMATION: Repair any service inventory	



Procedure for resistor replacement on 4934A

Good Part Number-0698-7847 Reference Designator-R469-1.111 K resistor

The suspect resistor is located directly behind the monitor volume control potentiometer (R466). When looking at the printed circuit assembly and facing the external controls the suspect resistor is soldered through the assembly on the left hand side of the blue trim pot (R467). Place the unit upside down on its top cover and remove the four screws. Remove the guide rod from the three circuit assemblies, and disconnect the loud speaker power cables connector from the A1 assembly. Disconnect the ribbon cables from the A3 assembly connector J31 as well as the cable connected to the front panel. Cut the tie wraps securing the safety earth wire to the rear of the A3 assembly and lift the A3 assembly off of the standoffs below it. The A3 assembly can now be manipulated to remove/replace the suspect resistor.

Reinstallation of the A3 assembly is as follows:

Reposition the A3 assembly and carefully guide the front panel into the slot of the upper clamshell and secure onto A2 assembly standoffs. Reconnect the two ribbon cables and dress the cable connected to the front panel away from the threaded retainer on the upper clamshell. Reinstall the power cables of the loud speaker onto the socket of the A1 assembly and reposition the speaker bracket into the clamshell slot. Install a tie wrap on the rear of the A3 assembly to resecure the safety earth wire. Reinstall the guide rod through the printed circuit assemblies and dress the speaker earth cable to run vertically along the side of the speaker bracket. Place the lower clamshell onto the unit and secure with four mounting screws, torque requirement 12 inch pounds.