

S E R V I C E N O T E

SUPERSEDES

HP 4935A Transmission Impairment Measuring Set

Serial Numbers: 3115A23854,A23858,A23859,A23861,A23862
 3115A23866,A23871,A23872,A23877,A23887
 3115A23890/3115A23901

A2 Assy/Switch Board/04935-60027

Incorrect Signal Measurement When Using Receiver Hold Circuit

To Be Performed By: HP-Qualified Personnel

Situation:

A shorted trace has been discovered on the Switch Board, P/N 04935-60027, in instruments with serial numbers listed above. The short is in the Receiver's Hold circuit and a problem can only be seen when the Receive Hold circuit is enabled. When the Receive hold circuit is enabled the ring becomes shorted to ground and can cause erroneous signal measurements on a balanced line.

Solution/Action:

Disassemble the instrument to gain access to the switch board. Looking at the trace side of the Switch Board, 04935-60027. J7 pin 1 has a trace running to the left to an eyelet. This eyelet is causing the problem because it is shorted to the inner layer ground. Use a sharp Exacto knife to cut the trace between the J7 pin 1 and the eyelet.

DATE: 19 June 1991

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 0.75 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: RCB	ENTITY: 3800	RESPONSIBLE ENTITY: 3800	UNTIL: July 1994
ADDITIONAL INFORMATION:			

