

S E R V I C E N O T E

SUPERSEDES: None

37732A Telecom/Datacom Analyzer**Serial Numbers:** 3XXXXU00000 / 9999U99999**Electromagnetic Interference on the 37732A Datacom Interfaces.****Parts Required:** P/N 8159-0005 0 ohm resistor Qty 3**Situation:**

A Sync Loss condition may occur when the 37732A is being operated in Datacom mode. The Sync Loss is due to bit errors which are caused by Electromagnetic Interference “pick-up” at the RS-232/V.24, V.35 and RS-449/V.11 Datacom Interfaces. The Electromagnetic Interference is being radiated from the 2Mbit/s signal at the 37732A Signal In port. The problem is caused by bad continuity between the Chassis ground and the pcb ground connection at the Datacom Interfaces.

Solution/Action:

To improve the continuity between Chassis ground and the pcb ground, a modification has now been made to the 37732A Datacom Module. A 0 ohm resistor has been fitted between the Chassis ground and the pcb ground connections at the RS-232/V.24, V.35 and RS-449/V.11 Datacom Interfaces. The 0 ohm resistors, p/n 8159-0005, are inserted into link positions labeled W2, W3 and W4 on the Datacom Module pcb Assembly. Refer to Figure 1 for the locations of W2, W3 and W4. Refer to Section G9-8 of the 37732A Service Manual, p/n 37722-90001, for information on accessing the Datacom Module pcb Assembly for modification.

Continued

DATE: May 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: Labor 1.0 Hour	
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 checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: May 1996
AUTHOR: DBG	ENTITY: 1400	ADDITIONAL INFORMATION:	



