

S E R V I C E N O T E

SUPERSEDES: None

37732A Telecom/Datacom Analyzer**Serial Numbers:** See relevant FIRMWARE REVISION NUMBER below**Modification corrects signal loss when X.21 LEASED interface set for UNTERMINATED****Parts Required:** PROM 15901-80002**Situation:**

Instruments which have a FIRMWARE REVISION NUMBER (ACCY) of less than 3202 have the X.21 LEASED Interface set for UNTERMINATED. This can cause signal loss when users have greater than 80 ft (approx) of cabling involved in measurements.

To display the FIRMWARE REVISION NUMBER (ACCY) use the OTHER key then select FIRMWARE & OPTIONS using the softkeys (the MORE softkey has to be used to bring up the FIRMWARE & OPTIONS field).

Solution/Action:

If a customer complains of the above problem, order and retrofit PROM part number 15901-80002 using the following procedure.

Note: If a 15901A Opt 001 is used as an accessory of a 37722A then this Service Note applies.

Continued

DATE: 22 October 1993

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 hrs	
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 RESPONSIBILITY UNTIL: October 1995
AUTHOR: ER	ENTITY: 1400	ADDITIONAL INFORMATION:	



Procedure:

1. Remove the Datacom Module/Lid from the main instrument (4 screws secure the module to the main instrument via a plastic hinge).
2. Remove the Datacom Module screws (4, 2 on either side, located below the module lids metal securing clips).
3. Lift the Datacom Module out of its lid.
4. Remove the nuts securing the RS232/V.24 and RS449/V.11 connectors to the Datacom Module front panel.
5. Remove the screws (8) from the Datacom Module bottom panel.
6. Two inner assembly screws can be viewed through the Datacom Module bottom panel, remove them.
7. Lift off the front panel to the point where the front panel membrane cable connector can be removed from the board.
8. Access the ROM for replacement (ROM reference designator is U32, located close to the large XILINX device) and replace using part number 15901-8002.
9. When the appropriate action has been taken, reassemble the Datacom Module in reverse order ensuring that the RFI grommet fitted around the metalwork edge is in place.

To Check for Correct Installation:

1. Switch instrument off.
2. Connect the Datacom Module to the host instrument.
3. Switch instrument on.
4. Press OTHER.
5. Select FIRMWARE & OPTIONS (use the MORE softkey to bring up the FIRMWARE & OPTIONS field).
6. Check that the displayed FIRMWARE REVISION NUMBER (ACCY) IS 3202.