

S E R V I C E N O T E

SUPERSEDES: NONE

**E8491A IEEE-1394 PC Link to VXI, C-Size
E8491-66501 PC Assembly - PC/VXI Interconnect**

Serial Numbers: US39000231 and below

Clock and sync signals fail when using VXI backplane ECL trigger lines.

To Be Performed By: Customer or Agilent Personnel

Parts Required: None

Situation:

In multi-module systems, the clock and sync signals can be distributed between modules using the ECLTRG lines on the VXI backplane. This works as long as all modules are designed according to the current VXI specification. Unfortunately, the E8491A circuit design had clamping diodes on the ECL Trigger lines. These diodes corrupt the ECLTRG waveform causing commiunication failures between VXI modules.

Solution / Action:

Remove clamping diodes CR401, CR402, CR403 and CR404.

DATE: November 2000

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 0.5 Hours
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input 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: November 2003	
AUTHOR: DMT	ENTITY: 0940	ADDITIONAL INFORMATION:	

