

S E R V I C E N O T E

SUPERSEDES: E2225A-02

**E2225A/E8600A Calibration System Modules
E9119A Calibration System CON2 Module**

Serial Numbers:

Serial numbers mentioned here the serial numbers used by the supplier, NOT serial numbers. The serial number can be found on a sticker applied to the VME bus connector. The sticker shows the supplier name (MEN), followed by "Typ" and then "Seriennummer"; the serial number is below that.

SN E2225-02 states incorrectly that all serial numbers up to 0908442 are covered by this SN. In fact, only the modules with the serial numbers listed below are covered; they are sold by Agilent.

The serial numbers to which this service note applies are:

- 9805391/9805415
- 9808416/9808438
- 9808441/0908442

CON2 SRAM Data Loss modification.

To Be Performed By: Agilent-Qualified Personnel only.

Continued

DATE: January 1999

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 checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: PH	ENTITY: 4222	AGILENT RESPONSIBLE UNTIL: February 2001	
		ADDITIONAL INFORMATION:	

Parts Required:

P/N	Description	Quantity
E9119-69001	MODAC CON2 Interface	1

Situation:

The CON2 module can experience data loss under extreme environmental conditions causing the power supply voltage rise time to be unusually long. Such conditions do occur however, during routine (and specified) use of the CAS.

Solution / Action:

The problem occurs because of a design error made by our supplier. The supplier has agreed to fix faulty modules free of charge. Because of the nature of the HW-modification required to fix the problem the repair cannot be done in the field. Therefore the recommended repair strategy is PCA-exchange.

The fix can be recognized by looking at the SMT diode marked D4 in figure 1. If the diode is replaced by a combination of an SMT resistor and a diode, the board has been fixed.

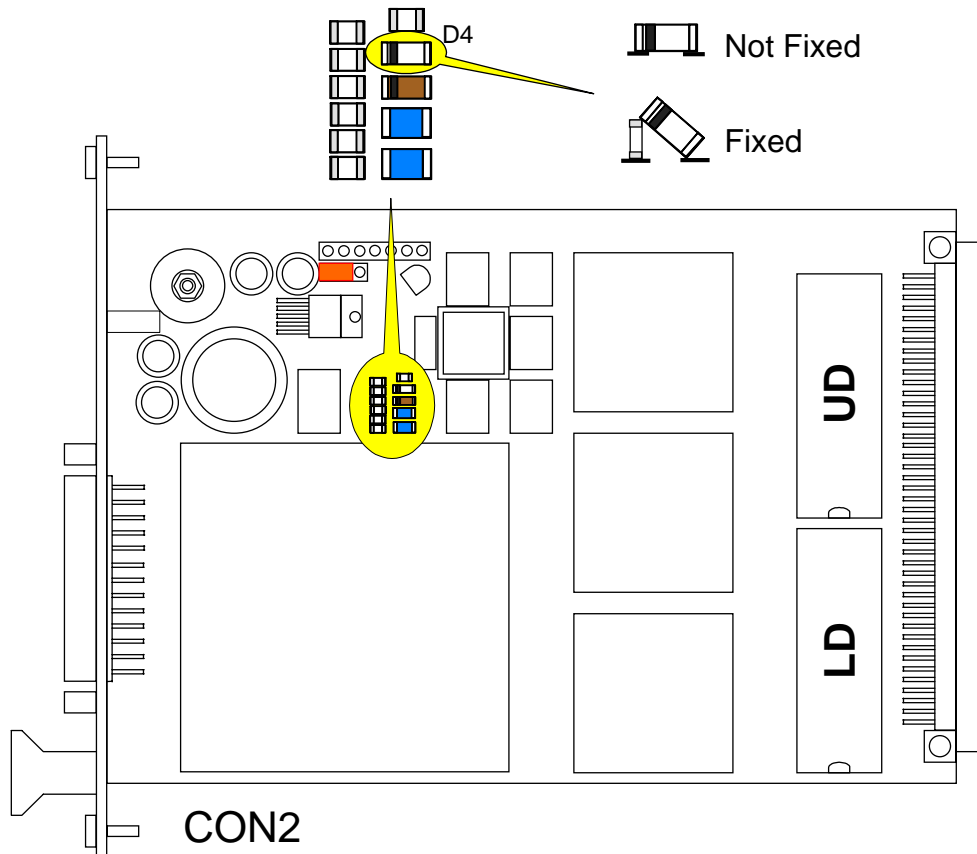


Figure 1. CON2 SVRAM Data Loss Modification