

S E R V I C E N O T E

SUPERSEDES: None

**E1431A 25.6 kHz 8 Channel VXI Input module**

Serial Numbers: 3416A00101 / 3445A10000

**Module replacement to correct defects causing module lock-up**

To Be Performed By: Agilent-Qualified Personnel

**Parts Required:**

P/N	Qty.	Description
E1431-69201	1	Exchange E1431A

**Equipment Required:**

P/N	Qty.	Description
E1406A	1	Command Module
E1401A/B/T	1	“C” size VXI Mainframe
RMB Workstation	1	Series 200/300

*Continued*

DATE: May 1995

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
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 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
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: MJL	ENTITY: A100	AGILENT RESPONSIBLE UNTIL: May 1997	
		ADDITIONAL INFORMATION:	

**Situation:**

Some units, with serial numbers listed above, contain a low-temperature sensitivity which can cause the E1431A to lock-up. This failure occurs at power-up only. The failure mode is for the following front panel LEDs to stay lit after power-up.

- Failed LED
- Trigger LED
- Acquire LED

This problem is intermittent and only occurs at temperatures between 0C and 20C degrees.

**Solution/Action:**

If the customer complains about this failure mode, yet the module passes its \*TST? diagnostic test, replace it with an exchange module with serial prefix 3518A or above. It is important to document this failure on the CSO in order for the factory to perform the proper repair on the returned module.