S E R V I C E N O T E

SUPERSEDES: None

4996A LanProbe II PV

Serial Numbers: 0000A00000 / 9999A99999

Repair of the Serial Port Controller

Duplicate Service Notes:
4995A-02
4996A-02

Parts Required: None

Situation:
It was discovered that the serial controller chip on this product has floating inputs. The result of these floating inputs may cause erroneous interrupts to the processor chip. This design error was discovered when NTD received a batch of controller chips that were more sensitive to the input signals. While these inputs float they may randomly cross the threshold and cause an interrupt request to the processor. This problem may slow the response of the LanProbe or worst case will cause the LanProbe to warm start randomly.

Continued

DATE: August 1994

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	☐ IMMEDIATELY ☐ ON SPECIFIED FAILURE ■ AGREEABLE TIME	STANDARDS: Labor 1.0 Hour				
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ■ SERVICE CENTER	SERVICE INVENTORY:	☐ RETURN ☐ SCRAP ■ SEE TEXT	USED PARTS:	☐ RETURN ☐ SCRAP ■ SEE TEXT	
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: August 1996				
AUTHOR: RGM	ENTITY: 3800	ADDITIONAL INFORMATION:				

Agilent Technologies

Solution/Action:
Check all 4995A LanProbe II main PCBA for jumper wires as explained below. If the jumpers are not there, use the following procedure to add jumper wires to pull the floating inputs to VCC.

Procedure:
1.Remove the front bezel and top cover to expose the main PCBA.
2. Locate U9 and U10 on the main PCBA 04996-66501. Add a jumper wire to short pin 44 VCC to 43 on U9. Add a jumper wire to short pin 44 VCC to pins 43, 42, and 41 on U10. (NOTE: drawing below).