

## S E R V I C E N O T E

SUPERSEDES: None

**4985B Token-Ring LanProbe**

Serial Numbers: US00000000 / US99999999

**4985B MAC Address Reprogramming for all Exchange/Replacement Assemblies****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

A Terminal or a PC emulating a Terminal. One of the following RS-232 (Crossover or null modem) cables.

<b>P/N</b>	<b>Description</b>
13242G	RS-232 25-pin male to 25-pin male
13242H	RS-232 25-pin male to 25-pin female
24542G	RS-232 9-pin female to 25-pin male

**Situation:**

All exchange/replacement boards must have the MAC address reprogrammed into the NVRAM! This address must match the address that is printed on the MAC Address label, which is located beneath the DB-9 and RJ-45 Token-Ring Media Connections on the rear panel of the LanProbe that is being repaired. The factory default MAC address "000063010203" of the exchange/replacement assembly must be replaced!

*Continued*

DATE: September 1997

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

DH

ENTITY:

0801

ADDITIONAL INFORMATION:

**Solution / Action:****4985B MAC Address Configuration**

1. Connect a terminal (or a PC emulating a terminal) to the LanProbe RS-232C port using a RS-232 crossover or null-modem cable.
2. Configure the terminal for 8 bits/character, 1 stop bit, no parity, Xon/Xoff handshaking, 9600 baud rate.
3. Depress the CONFIG button (do not release)! Apply power to the LanProbe. Continue to depress the CONFIG button until the terminal prompt " -> " is displayed.
4. Enter the new MAC Address by typing mac "New MAC address". Replace "New MAC address" with the MAC Address that is printed on the MAC Address label! Press return. Entry should look like the following example:

```
->mac 000063123456
```

5. To verify the current MAC Address. At the prompt, type "mac" and press return. Entry should look like the following example:

```
->mac
```

The current MAC Address of this LanProbe will be displayed!

Current MAC Address: 000063 123456

6. At the prompt, type "reboot" and press return. This step will reset the LanProbe and initiate POST. Entry should look like the following example:

```
->reboot
```

7. Verify POST results. There should not be any failures reported!
8. Disconnect Power from LanProbe.