

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

SUPERSEDES: None

**35651C and 35654B GPIB/Signal Processor Modules**

Serial Numbers: 0000A00000 / 9999Z99999

**Reprogramming required for use with 35630A/B VISTA Measurement Software****Situation:**

35630A/B software will not recognize the 35651C or the 35654B as valid modules.

**Solution/Action:**

Reprogram the 35651C as a 35651B or reprogram the 35654B as a 35654A.

**Perform the following steps:****STEP 1 - Setting up Hardware**

1. WRITE DOWN the module's serial number to be entered later.
2. Place the 35651C or 35654B module into the mainframe.
3. Connect a terminal to the RS-232 connector on the front panel of the module. Refer to the System Reference Manual for terminal configuration.
4. Power up the mainframe.

*Continued*

DATE: 28 January 1994

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

LA

ENTITY:

A100

ADDITIONAL INFORMATION:

Applies to 35651C or the 35654B



**STEP 2 - Setting up Firmware**

1. At the end of the booting, the last several lines of the screen should read:  
D)iagnostics or T)erminal selection:

**Command:**

2. Type "d" for diagnostics.
3. The module will respond with:  
WARNING: Diagnostic resets all modules.....Enter (Y) to continue:
4. Type "y".
5. The system will auto-configure and display a table of the modules that are installed in the mainframe. Look at the slot where you put the 35651C or 35654B. If the model number listed is 35651C or 35654B, then you need to program the "false" information into the NOVRAM.

**STEP III - Reprogramming the NOVRAM:**

1. Select the 35651C or 35654B as the module you wish to reprogram. This is done by tabbing or arrowing through the menu on the lower half of the screen to the item labeled "Choose Module/Mainframe". Once this choice is highlighted, press <return> to select that option. The highlighted cursor will move up into the main-frame/slot matrix at the top of the screen. Use the tab or arrow key to move to the 35651C or 35654B. Press <return> to select that module.
2. Then tab or arrow to select the "Send command" option at the bottom of the screen. Press <return> to select this option. The middle of the screen will change to give you an area to type the command that you want to send. Type in the following line, inserting your module's serial number for the "xxxxZyyyyy" in the line below. BE SURE TO TYPE EXACTLY AS SHOWN, TEXT IS CASE SENSITIVE:

**For the 35651C, enter the following command:**

ZNOV'AglaiaxxxxAyyyyy,35651B,0,65536,0,65536,0,0,-1'

**For the 35654B enter the following command:**

ZNOV'AglaiaxxxxAyyyyy,35654A,2,65536,0,65536,0,65536,0,0,-1'

3. Press return to send this command to the module. The "STATUS:" line at the bottom of the screen should read "Command send".
4. Reboot the module by pressing the red reset button.
5. Repeat STEP II to verify the proper configuration has been programmed into the NOVRAM.