

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

SUPERSEDES: None

**3070 Board Test System**

Serial Numbers: 0000A00000 / 9999Z99999

**Series 3 System Calibration Testplan contains incorrect line****To Be Performed By:** Agilent-Qualified Personnel or Cooperative Support Customer**Situation:**

There is an incorrect line in the August 1999 release of 3070 System Calibration software. This will cause the software to stop and indicate an error. The error text will indicate an issue with high accuracy resources/cards. This will occur on Series 3 Pay-Per-Use Systems. This affects the NIST calibration kit (part number E4000-66208) available at GSL and the downloadable files available from the MSKC. This error will be corrected at the next revision of the NIST calibration software. The affected part numbers and revisions follow.

The part number for the 3070 Calibration S/W Kit is E4000-66208. The impacted tape is: E4000-19491 System Calibration B.03.XX Revision A.01.05 June 1999 tape

**Solution / Action:**

To work around this problem during NIST calibration on Series 3 Pay-Per-Use Systems you will need to do the following:

*Continued*

DATE: September 1999

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

AUTHOR:

CP

ENTITY:

0980

ADDITIONAL INFORMATION:

1. Load the calibration software from the B.03.XX tape by following the instructions in the manual provided with the E4000-66208 NIST Calibration kit.
2. Use BT-Basic to edit the /home/calibrate/testplan file. You will be correcting the target statement for the 12/20 MHz Pay-Per-Use. You can launch a BT-Basic window from the mouse pull down menu.

The line number in the testplan is 678. This is in the Make\_config subroutine in the testplan.

The BT-Basic command to go to this line number is 'edit 678'. The INCORRECT line shown below with the surrounding lines currently looks like:

```
if      (pos(L$, "Pay-Per-Use 12/20 MHz")<>0) then
      Target$="target 3073 standard"
end if
```

Please change it to the CORRECT line:

```
if      (pos(L$, "Pay-Per-Use 12/20 MHz")<>0) then
      Target$="target high accuracy"
end if
```

3. Also add a comment line(s) in the testplan on or below the line containing the revision number at the beginning of the testplan. This comment should indicate the edit that was done and who it was done by. Comment lines in BT-Basic begin with the ! symbol. Example:

```
!      3070 System Calibration Software
!      Version A.01.05 (for 3070 software revisions B.03.XX)
!      June 1999
!
!      No longer original A.01.05 version
!      edited to correct 12/20 Pay_Per_Use error in line 678
!      on September 2, 1999 by C. Pipinich
```

4. Then resave the testplan. The BT-Basic command to save your changes is 're-save /home/calibrate/testplan'

For CE questions concerning this Service Note please contact the MSKC or On Line Support 1-800-447-8378.