3070-86

S E R V I C E   N O T E

Supersedes:
None

Agilent Medalist i3070 and i3070 Series 5 In-Circuit Test System

Serial Numbers:
E9901D – MY47100000 to MY47109999;
E9902D – MY47110000 to MY47119999;
E9903D – MY47120000 to MY47129999;
E9905D – MY47130000 to MY47139999;
E9901E – MY49410106 to MY49419999;
E9902E – MY49420106 to MY49429999;
E9903E – MY49430106 to MY49439999;
E9905E – MY49440106 to MY49449999;
E9901DR – MY47440000 to MY47449999;
E9902DR – MY47450000 to MY47459999;
E9903DR – MY47460000 to MY47469999;

New firmware for i-system card (P/N: N1807-63603) to retain fixture lock position when reboot

Parts Required:

P/N	Description	Qty.

None

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
MODIFICATION AVAILABLE	
ACTION CATEGORY:: AGREEABLE TIME	X PERFORMANCE ENHANCEMENT [[]] SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: X CUSTOMER INSTALLABLE [[]] ON-SITE [[]] SERVICE CENTER [[]] CHANNEL PARTNERS	AVAILABILITY: PRODUCT'S SUPPORT LIFE
AUTHOR: Yong Wee-Sheng	PRODUCT LINE: 80 – In Circuit Test
ADDITIONAL INFORMATION:	

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⁘ Agilent Technologies

Situation:

The "i-system card" (P/N: N1807-63603) used in the i3070 testhead will automatically unlock the fixture whenever the user executes or reboots the testhead with the "testhead power on" command.
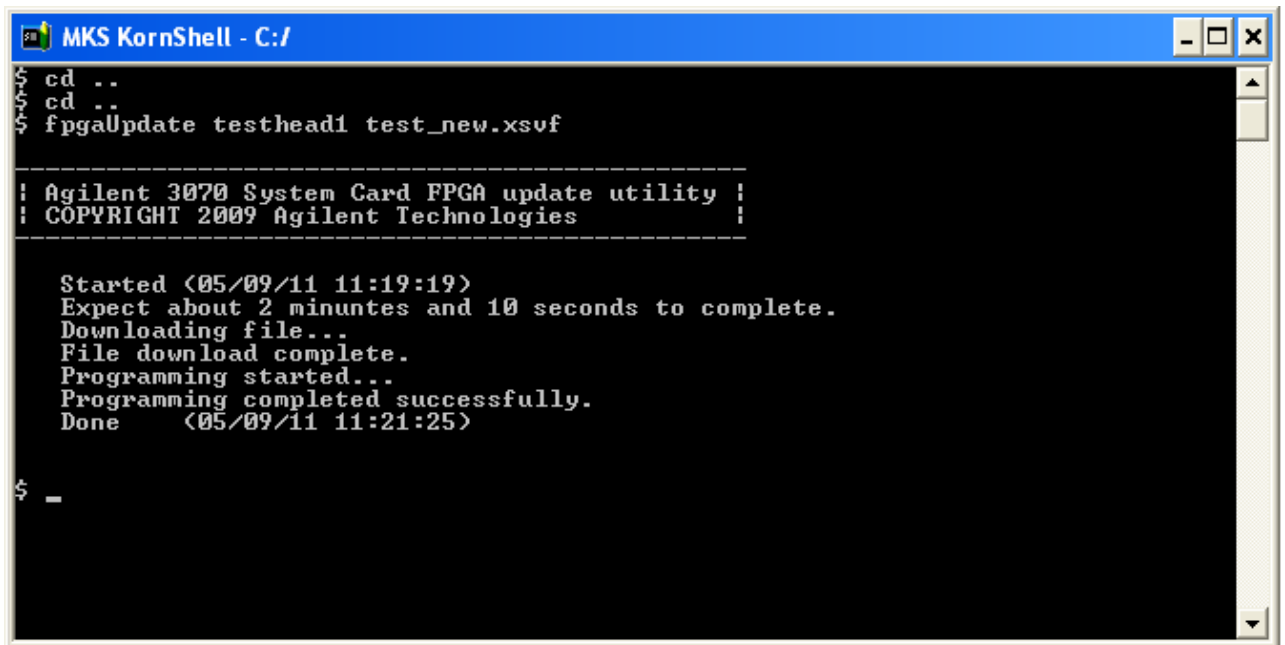
Note:
a. This firmware is NOT applicable to the system card (P/N: 03066-63603) or system serial numbers that are not mentioned in this Service Note.
b. The user need not update the firmware if the issue of automatically unlocking fixtures is not encountered in their mode of usage,

Solution/Action:

This new firmware will solve the auto unlock issue by retaining the fixture position during soft reboot or execution of the "testhead power on" command.

Here are the steps:

1. Download and unzip the "i_system_card_firmware.zip" files into any directory from www.agilent.com/find/i3070patches.
2. Switch on the testhead but DO NOT boot up. (Hint: Do not type "boot" or "testhead power on")
3. In kornshell, navigate to the directory and execute "*fpgaUpdate testhead1 test_new.xsvf*"
4. When done, recycle the power to i-system card by first switching OFF the testhead and then switching it ON again.
5. Boot up the testhead.

```
MKS KornShell - C:/                                                  _ □ ×
$ cd ..
$ cd ..
$ fpgaUpdate testhead1 test_new.xsvf

------------------------------------------------
| Agilent 3070 System Card FPGA update utility |
| COPYRIGHT 2009 Agilent Technologies          |
------------------------------------------------

   Started (05/09/11 11:19:19)
   Expect about 2 minuntes and 10 seconds to complete.
   Downloading file...
   File download complete.
   Programming started...
   Programming completed successfully.
   Done    (05/09/11 11:21:25)

$ _
```