34945A-02A

S E R V I C E   N O T E

34945A Microwave Switch/Attenuator Driver Module

Serial Numbers: Any unit with older <u>CARD</u> firmware version than v1.28

Problem Description: Interruption in firmware causes flash erase instead of a special flash read operation

Parts Required:
P/N   **Description**   **Qty.**

NONE

ADMINISTRATIVE INFORMATION

April 14, 2008

Agilent Technologies

Situation:

It has been found that there is a race condition problem in the 34945A <u>CARD</u> firmware at boot. The code that attempted to do some sanity checking for firmware download completion would get interrupted at just the wrong time and execute a flash erase instead of a special flash read operation. Card will be found to boot with no code in them.

Please note that the 34945EXT has its own firmware and is not affected by this issue. However, it's recommended that the 34945EXT should be updated with the 34945A card to not have firmware conflicting issues.

Solution/Action:

Plug the 34945A into the 34980A mainframe and do a firmware upgrade. Remember that you have to connect the 34945EXT to the 34945A in order to do the update. This procedure will also update your 34945EXT firmware. You can get the upgrade download from the product website (**http://www.agilent.com/find/34980A**). Any <u>MAINFRAME</u> firmware version 2.25 or greater will fix this problem.