

L4445A-01A

S E R V I C E N O T E

Supersedes:
L4445A-01

L4445A Microwave Switch/Attenuator Driver

Serial Numbers: Any unit with older CARD 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

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
AUTHOR: TP	PRODUCT LINE: PLSP-SOURCE_MEAS
ADDITIONAL INFORMATION:	

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Situation:

It has been found that there is a race condition problem in the L4445A CARD 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 L4445A card to not have firmware conflicting issues.

Solution/Action:

Connect the L4445A to the PC and do a firmware upgrade. Remember that you have to connect the 34945EXT to the L4445A in order to do the update. This procedure will also update your 34945EXT firmware. You can get the upgrade download from the product website (www.agilent.com/find/L4400). Any MAINFRAME firmware version 2.25 or greater will fix this problem.