

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

6645A-02A

S E R V I C E N O T E

Supersedes:
6645A-02

6645A DC Power Supply

Serial Numbers: 0000A-00000 / 3539A00193

Capacitor C418 May Fail

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
0160-6806	C418, 0.01uF, 400V Capacitor	1

XADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 0.0 Hours
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DF / RJM	PRODUCT LINE: 33	AGILENT RESPONSIBLE UNTIL: January 1998	
ADDITIONAL INFORMATION:			

June 3, 2002

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Situation:

At high AC line voltages, the voltage across the snubber capacitor C418 exceeds its' 200 Volt DC rating. If the capacitor shorts, excessive current through R416 burns the PC board.

Solution/Action:

Replace C418 with the new capacitor. To do this, the main PC board must be removed. Replace the capacitor and re-assemble the unit. The capacitor does not affect the alignment or calibration of the supply, so only performance verification is required.