

S E R V I C E N O T E

SUPERSEDES: NONE

66103A Modular DC Power Supply

Serial Numbers: See below

Turnoff Voltage Overshoot**Duplicate Service Notes:**

66101A-06 Serial Numbers: 0000A00000 / 3444A03901
 66102A-05 Serial Numbers: 0000A00000 / 9999A99999
 66103A-05 Serial Numbers: 0000A00000 / 9999A99999
 66104A-06 Serial Numbers: 0000A00000 / 3445A02436
 66105A-06 Serial Numbers: 0000A00000 / 3421A01031
 66106A-05 Serial Numbers: 0000A00000 / 9999A99999

To Be Performed By: Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
0180-4273	Capacitor	1

Continued

DATE: December 1997

ADMINISTRATIVE 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 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input 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: GS	ENTITY: 2100	AGILENT RESPONSIBLE UNTIL: December 1999	
		ADDITIONAL INFORMATION:	

Situation:

If the unit is turned-off while the output is enabled, the voltage is set low, at high line, and the overvoltage protection is set high, there may be a voltage overshoot with a duration of around 50 ms and peak voltage about 25 percent greater than full scale voltage.

Solution / Action:

Replace capacitor C402 with a 1000 uf capacitor (P/N 0180-4273). Note: make sure the capacitor polarities match those on the circuit board.