

S E R V I C E N O T E

SUPERSEDES: NONE

66312A Dynamic Measurement DC Source

Serial Number: see below

O.V. SCR False Triggering

Duplicate Service Notes:

66312A-03	Serial Numbers:	US00000000 / US36341880
66312A#J02-02	Serial Numbers:	US00000000 / US36311023
66312A#J03-02	Serial Numbers:	US00000000 / US36311023
66312A#J04-02	Serial Numbers:	US00000000 / US36311023
66312A#J05-02	Serial Numbers:	US00000000 / US36311023

To Be Performed By:Agilent-Qualified Personnel

Parts Required:

On the A1 Control board: R335, 20K p/n 0757-0449, and R378, 348 Ohm p/n 0698-3445.

Situation:

Large current transients can cause the SCR in the "over voltage" circuit to trip falsely without notifying the processor. This will cause a short to be across the supply's output, and the supply will be in "CC mode" even though there is no load attached to it.

Solution / Action:

Verify that the two resistors mentioned above are the correct values, it not replace them. This will allow the circuit to be less sensitive to current noise and transients.

DATE: September 1998

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 checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: December 2001	
AUTHOR: BM	ENTITY: 2100	ADDITIONAL INFORMATION: None	