

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 falsley 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:			
<b>MODIFICATION RECOMMENDED</b>			
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	