

S E R V I C E N O T E

SUPERSEDES: None

4396A Network Spectrum Analyzer

Serial Numbers: 0000J00000 / 3241J00161

Duplicate Service Notes: None

A2 Shutdown Circuit Malfunction

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

Part No.	Qty.	Description
04396-66502	1	A2 Post-Regulator

Situation:

The A2 shutdown circuit in the 4396A with one of serial numbers listed above may not work properly. When one or more circuit board power traces of -15 V, -5 V, +5 V, +5.3 V, + 8.5 V, and +15 V is shorted to the ground, the A2R8 resistor fails or is damaged by overheating before the shutdown circuit is activated.

When the A2 assembly fails due to the trouble described above, the A2 replacement is covered by this service note.

Continued

DATE: 10 June 1993

ADMINISTRATIVE INFORMATION

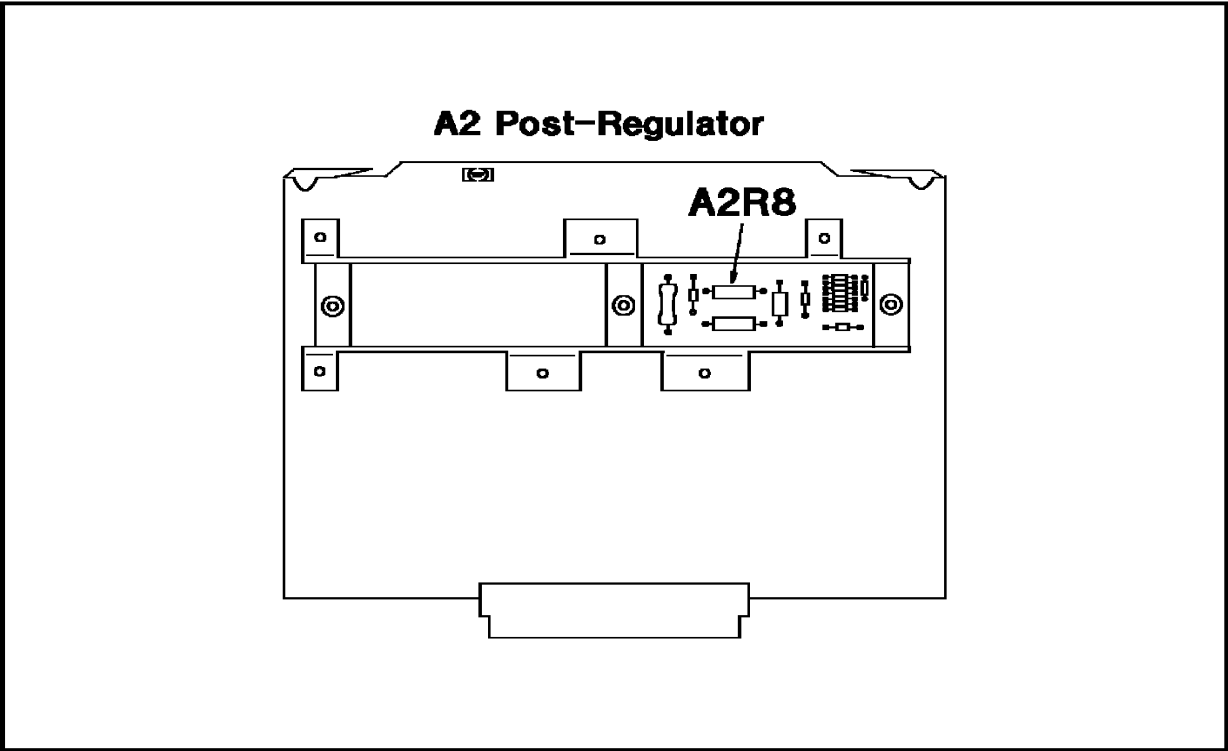
SERVICE NOTE CLASSIFICATION:					
MODIFICATION RECOMMENDED					
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 0.5 hrs		
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBILITY UNTIL: 30 June 1995			
AUTHOR: TS	ENTITY: 3355	ADDITIONAL INFORMATION:			

Solution/Action:

When the A2 assembly is defective, replace it with a new one. Before throwing the old A2 away, inspect the A2R8 resistor according to the following procedure.

- 1. Remove six screws on the shield plate of the A2 post-regulator. Then remove the shield plate.
- 2. Inspect the A2R8 resistor for any damage due to over heat or check if its resistance is approximately 1 ohm using a Multimeter. See Figure 1 for the A2R8 location.

If A2R8 is damaged due to over heat, the A2 replacement is covered by this service note, but other assembly replacements are not applicable.



4396A-05 FIG 1

Figure 1. A2R8 Location