S E R V I C E   N O T E

SUPERSEDES: NONE

E3634A DC Power Supply

Serial Numbers: See below.

Duplicate Service Notes: E3633A-02: KR82600051/KR92800741
E3634A-02: KR84900051/KR92900529

Over Current Protection (OCP) is not functional

To Be Performed By:

Agilent-Qualified Personnel

Parts Required:

P/N	Description	Quantity
E3633-60034	Programmed ROM	1
E3634-60034	Programmed ROM	1

Situation:

1. If the value of resistive load is less than 0.4 ohm when the OCP crcuit is tripped, a pulse current occurs in the output terminal. The pulse width is 10 msec, period is 30 sec and amplitude is the value of current limit setting.

Continued

DATE: November 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION RECOMMENDED

ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME	STANDARDS: LABOR 0.5 Hours			
LOCATION CATEGORY:	CUSTOMER INSTALLABLE ON-SITE SERVICE CENTER	SERVICE INVENTORY:	RETURN SCRAP SEE TEXT	USED PARTS:	RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: November 2002			
AUTHOR: NKP	ENTITY: MR00	ADDITIONAL INFORMATION:			

Agilent Technologies
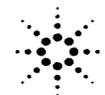
2. If the value of resistive load is greater than 0.4 ohm when the OCP crcuit is tripped, the output voltage is 1 V and the output current is set by the Ohm's law.

3. If clearing the OCP condition when setting the OCP trip level to 0.2 A, OCP function is not operational.

4. When setting the OCP trip level to 0.2 A, OCP function is not operational intermittently.

Solution / Action:

1. Replace the programmed ROM with REV. 1.4. The part numbers are E3633-60034 for the E3633A power supply and E3634-60034 for the E3634A power supply

2. Note that you have to recalibrate the power supply after changing the programmed ROM.