

S E R V I C E N O T E

SUPERSEDES: None

E1426A VXI Oscilloscope

Serial Numbers: 0000A00000 / 3232A99999

Firmware upgrade to provide latest upgrade and enhancements.

Situation:

SCPI Applications Only

SCPI PDUT/NDUT

When using SCPI programming language, the calculation for the duty cycle is made incorrectly.

SCPI ECOUNT command.

*RST will set ECOUNT to 1. (single shot will work). If a trigger command is sent, ie. (source), mode is changed to event and single shot will not work.

Continued

DATE: 01 December 1992

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 Hour
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 checked="" 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: NCW	ENTITY: 0800	AGILENT RESPONSIBLE UNTIL: December 1994	
		ADDITIONAL INFORMATION:	

Solution/Action:

A firmware revision has been made and a ROM upgrade kit is needed to correct two bugs that exist in earlier firmware. ECOUNT 1 will set scope to holdoff by time (enabling single shot operation). *RST will set ECOUNT to 1. ECOUNT 3-16000000 will set scope to holdoff by event.

In the future, this kit will contain the latest firmware as it is revised.

For firmware upgrade, order ROM Upgrade Kit P/N E1426-68701.

Calibration should be performed after ROM's have been replaced.