

54505B-02

S E R V I C E N O T E

SUPERSEDES: None

HP 54505B Oscilloscope

Serial Numbers: 3219A00101 / 3219A00425

Test Failure: Waveform distortion may occur between 240 and 255 MHz

Duplicate Service Note: 54506B-02

To Be Performed By: HP-Qualified Personnel

Parts Required: Modification Kit 54505-68702

Situation:

Due to an intermodulation problem, instruments in the above serial number range may exhibit distortion in the 240 to 250 MHz region.

Solution/Action:

Upon failure, a modification kit is available. This kit will modify the HP54505B into a HP54510B with all of the features of the HP54510B. (Instrument retains the same model # and serial # but with the features of the 54510B.) The enhanced features are listed below. Please refer to service manual P/N 54512-90906 for the differences in specifications between these instruments. (This is the same service manual for the 54505B.) Please advise your customer of this modification.

NOTE: If the instrument is being used in remote mode, changes to the system software may be required to be compatible with this modification.

Continued

DATE: 08 October 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: 1.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: TG	ENTITY: 0800	HP RESPONSIBLE UNTIL: 08 October 1995
ADDITIONAL INFORMATION:		

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Enhanced Real Time Mode Features:

1. Increased sample rate capability
2. Increased Bandwidth
3. Faster risetime measurement capability
4. Improved Delta t accuracy