

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

33250A-01

S E R V I C E N O T E

Supersedes:
NONE

33250A 80 MHz Function/Arbitrary Waveform Generator

**Serial Numbers: MY40009000 / MY40009990
SG40004900 / SG40005100**

Amplitude Flatness May Exceed One-Year Limits In First Year

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
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NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours
LOCATION CATEGORY:	<input checked="" 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 type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: cd	PRODUCT LINE: 9E	AGILENT RESPONSIBLE UNTIL: First Calibration April 1, 2005
ADDITIONAL INFORMATION:		

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July 6, 2004

Situation:

The reference used in the factory for adjusting amplitude flatness drifted off-center. Analysis shows that the effected units still would pass the flatness limits as well as the tighter limits used by production. Due to the slight risk these units might not meet their amplitude flatness specifications at the one-year interval, a precautionary measure is being taken to ensure performance accuracy.

Solution/Action:

Customers should have their units checked prior to the one-year calibration interval if amplitude flatness is a concern. This may be done at an Agilent Service Center or by following the Calibration Procedures described in Chapter 4 of the 33250A Service Guide. An electronic copy (.pdf) version of the service guide may be found at www.agilent.com/find/33250A under “Manuals & Guides” (<http://cp.literature.agilent.com/litweb/pdf/33250-90011.pdf>).

Customers wishing to have the flatness verified at an Agilent Service Center should do so before their unit reaches its first calibration interval. A request should be made for a warranty repair referencing this service note, resulting in the test and adjustment only of the flatness portion of the calibration. Requests made for a product calibration will be treated as a normal request for a full product calibration and charged to the customer or the customer’s contract.