

8561B-27

S E R V I C E N O T E

SUPERSEDES: None

HP 8561B Portable Spectrum Analyzer

Serial Numbers: 0000A00000 / 9999A99999

Duplicate Service Notes:

8560A-27
8563A-21

Resolution Bandwidth Accuracy In Digital Bandwidths Cannot Be Measured

To Be Performed By: HP Qualified Personnel, Customer

Situation:

Firmware is used to derive 3dB and 60dB bandwidths in the 10Hz, 30Hz and 100Hz resolution bandwidth settings, and does not depend on circuit parameters. Also, the resolution of the marker frequency readout is not small enough to adequately measure these bandwidths. Since these bandwidths are digitally derived, the accuracy of the resolution bandwidths are guaranteed by design.

Solution/Action:

When manually performing the Resolution Bandwidth Accuracy test, do not perform the parts of the test which pertain to 10Hz, 30Hz and 100Hz bandwidths. If your version of the Operation Verification software tests these bandwidths, ignore the 10Hz, 30Hz and 100Hz bandwidth results.

DATE: 01 April 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
GPB	5300	

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