

N8974A-08

S E R V I C E N O T E

Supersedes:
NONE

N8974A - Noise Figure Analyzer

Serial Numbers: ALL

Instrument firmware version A.01.13 may improve Analyzer Noise Figure results in low band at 3.0 GHz by as much as 1-2 dB.

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY::	AGREEABLE TIME	X PERFORMANCE ENHANCEMENT [] SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	X CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER X CHANNEL PARTNERS	AVAILABILITY: Until the end of N8974A support life.
AUTHOR: BAD		PRODUCT LINE: PL12
ADDITIONAL INFORMATION:		

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Rev. 16



Situation:

Updating the NFA instrument firmware to version A.01.13 has shown improvements to the Analyzer Noise Figure results in low band at 3.0 GHz by as much as 1-2 dB. Changes were made in version A.01.13 to increase the I.F. gain. This increase has improved overall system noise figure at some frequency points, and thereby may improve the analyzer noise figure results. Analyzers that have failed specifically at 3.0 GHz in band 0 have seen improvements by as much as 2 dB.

Solution/Action:

Go to http://www.agilent.com/find/nfa_firmware Download and install version A.01.13 instrument firmware to six freshly formatted floppy disks. A complete set of download instructions along with the revision history can be found at this website as well.