

S E R V I C E N O T E

SUPERSEDES: 3569A-01

3569A Real-Time Frequency Analyzer

Serial Numbers: 0000A00000 / 3405A00292

3569A firmware revision history

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

Part No.	Description
03569-84402	Firmware Upgrade Kit

Situation:

New firmware revision fixes several software defects found in previous versions. The upgrade kit contains new EPROM's, new manuals, an installation note, and an IC extractor.

Continued

DATE: December 1994

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 0.5 Hour		
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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: December 1996			
AUTHOR: DLC	ENTITY: A100	ADDITIONAL INFORMATION: A1-9410010			

List of changes by revision:

A.00.07 (new revision)

- Corrects Leq calculation.
- Corrects computation of CDF, PDF, Ln on recalled multispectrum.
- Disables dither during short integration times.
- Band power marker now works on linear y-axis traces.
- Provides field indicators required by Sound Power standards.
- Provides correct Time and Date on Recalled Multispectrum plots.

A.00.03

- Fixed Full Octave filter shape (rolls off too fast).
- Fixed display update for a FORMAT change from CDF to PDF.
- Removed error message when saving RT Intensity Multispec after Delete All.
- Corrected divide by zero after entering 4E-3 in [Meas Dur].
- Provided ability to measure Leq instead of L(User).
- Corrected frequency inaccuracy after changing Stop F in Reverb.
- Corrected [Scale] [Integrate] graphics scaling.
- Corrected [Scale] [Integrate] with [Zoom] ON trace scaling.
- Corrected Y-axis labels with [Y-axis] [Log Mag].
- Places octave L Band Marker in A Band on screen dump.
- Made g's available in cal table.
- Corrected Trigger delay in Status Screen.
- Unlatched Overloads when not measuring.
- Unlatched overload LED.
- Provided hi-pass filters on both channels.

A.00.01

The original version shipped.

Solution/Action:

1. Turn the instrument on.
2. Press keys [SHIFT] and [1].
3. Read the firmware revision number in the upper right corner of the display.

If the revision is older than A.00.07, order the firmware update kit (p/n 03569-84402 and install two new EPROM's as per kit installation note instructions.

Warning

The EPROM installation must be performed at a static protected workstation to prevent static discharge to the EPROM's and PC assembly.

Copy all stored 3569A files to a PC, as they will be lost due to the EPROM change.