

S E R V I C E N O T E

SUPERSEDES: None

3560A Portable Dynamic Signal Analyzer

Serial Numbers: 0000A00000 / 3319A00846

Firmware Upgrade: Revision A.00.00 to A.00.02

Parts Required:

Part No.	Description
03560-84402	Firmware Upgrade kit

Kit Contents:

Part No.	Qty.	Description
03560-60321	1	PGM EPROM
03560-60322	1	PGM EPROM
03560-90016	1	Manl- Op. & Service
03560-90017	1	Note-Installation
5001-7615	1	IC-Extractor

Situation:

The 3560A firmware Revision A.00.00 contained many software defects. Most of these defects are corrected in the new revision A.00.02.

Continued

DATE: 18 October 1993

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: 18 October 1995		
AUTHOR: DAA	ENTITY: A100	ADDITIONAL INFORMATION:			

Solution/Action:

Check the current firmware revision from the 3560A front panel:

1. Turn instrument on.
2. Read the Revision number on the screen; press PRESET if you missed it (first display only lasts 2 to 3 seconds at power up).

If revision is A.00.00, then order the firmware update kit (p/n 03560-84402) and install two new EPROMs, as per kit installation note instructions.

WARNING

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

Copy all stored 3560A files to a PC, as they will be lost due to the EPROM change.

Firmware upgrade Rev A.00.02 provides the following corrections:

1. Transfers map files saved in the upper 50% of memory.
2. Full octave span won't change when you save/recall.
3. Corrects Coherence measurements with no input signal.
4. Corrects LOG and ZOOM ON intermittent operation.
5. LOGMAG Y-axis does not start at zero.
6. Saves trace scaling along with the data.

Added Enhancements:

1. Easier units conversion when integrating.
2. Y-axis pan up/down.
3. Xon/Xoff RS232 handshake.
4. Trace type labels added.
5. Key beeper added.
6. Laser printer plot added.
7. Integration of transfer functions added.
8. Special preset state added.