

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E8364A-04**

# **S E R V I C E                      N O T E**

Supersedes:  
None

## **E8364A PNA Microwave Network Analyzers**

**Serial Numbers: ALL**

**Intermittent 10 GB HDD electrical problem can cause PNA HDD-related failures.  
Replace 10 GB HDD with a new 40 GB HDD.**

**To Be Performed By: Agilent-Qualified Personnel**

### **Parts Required:**

<b>Part Number</b>	<b>Description</b>	<b>Qty.</b>
E8356-60076	HDD for E8356/7/8A with 266 MHz CPU	1
<b>-OR-</b>		
E8801-60065	HDD for: E8356/7/8A with 500 MHz CPU E8801/2/3A, N3381/2/3A, E8361/2/3/4A, E8362/3/4B	1

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	IMMEDIATELY ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	
LOCATION CATEGORY:	CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER	SERVICE INVENTORY: N/A	USED RETURN PARTS: X SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: END OF PRODUCT'S SUPPORT LIFE.	
AUTHOR: MF                      PRODUCT LINE: WN			
ADDITIONAL INFORMATION: This Service Note applies to the following PNA models: E8356/7/8A, N3381/2/3A, E8801/2/3A, E8361/2/3/4A, and E8362/3/4B.			

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December 21, 2005

**Situation:**

Some PNAs are experiencing reliability issues due to an intermittent electrical failure on a circuit board inside the 10 GB HDD. This can cause operating system failures to occur. These failures are eliminated by replacing the 10 GB HDD with a 40 GB HDD.

**Solution/Action:**

Any time a PNA with a 10 GB HDD is serviced or calibrated, replace the 10 GB HDD with a 40 GB HDD. This will help prevent future HDD-related failures.

Refer to the PNA Service Guide for instructions on replacing the HDD. To view this Service Guide information online, use the following steps:

1. Go to <http://www.agilent.com>.
2. Enter your PNA model number (Ex: E8356A) in the **Search** box and click **Search**.
3. Look in the left column for the heading **Refine by Type of Content** and click on **Manuals & Guides**. In the left column, click on **Service Manual**. In the right column, click on the title/hyperlink for the Service Guide PDF. If you don't find your Service Guide listed on the Web page that is displayed initially, click on the **More** hyperlink.
4. When the PDF of the Service Guide is displayed, look at the bookmarks in the left column. Expand the Contents section by clicking on the plus sign next to its bookmark.
5. Scroll through the Contents section bookmarks to locate "Repair & Replacement Procedures."
6. Click on the title/hyperlink for the section "Removing & Replacing the Hard Disk Drive Assembly."
7. Follow all instructions including those in the subsection "Post-Repair Procedures."