

**N5242AS-03**

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

Supersedes:  
None

**N5242AS - PNA Series Microwave Network Analyzers**

**Serial Numbers: MY51271106**

Analyzers with the serial numbers listed above were shipped with a front panel interface board that will eventually malfunction.

**Parts Required:**

P/N	Description	Qty.
N5240-60065	front panel interface board	1

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION RECOMMENDED</b>		
ACTION CATEGORY:	AGREEABLE TIME	STANDARDS LABOR: 1.0 Hour
LOCATION CATEGORY:	ON-SITE, or SERVICE CENTER	SERVICE INVENTORY: SCRAP USED PARTS: SCRAP
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: June 30, 2013
Calibration NOT Required		PRODUCT LINE: WN AUTHOR: MF
ADDITIONAL INFORMATION: Models affected: N5241A, N5242A, N5242AS, N5244AS, and N5245A. Service Note N5242AS-03 created 6/9/2012.		

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**Situation:**

Analyzers with the serial numbers listed on the previous page were shipped with a front panel interface board that will eventually malfunction.

**Solution/Action:**

Replace the front panel interface board. Refer to the PNA Service Guide chapter 7 section titled, “Removing and Replacing the A1 – A3 and Other Front Panel Subassemblies” for instructions on removing/replacing the assembly, post-repair adjustments/procedures, and verification/performance tests. To view this Service Guide information, use the following steps:

1. Go to <http://www.agilent.com>.
2. Enter your PNA model number (Ex: N5242AS) in the Search box and click **Search**.
3. Click **Manuals**.
4. Scroll down and click on the title/hyperlink for the Service Guide.
5. When the PDF of the Service Guide is displayed, use the bookmarks in the left column to find the “Removing and Replacing the A1 – A3 and Other Front Panel Subassemblies” section in Chapter 7.
6. Follow the instructions for removing and replacing the assembly.
7. Successful completion of the post-repair adjustments/procedures and verification/performance tests will set the analyzer to its pre-repair condition. All pre-repair certification still applies.