

N5250A-01

S E R V I C E N O T E

Supersedes:
None

N5250A PNA Millimeter Wave System 10 MHz to 110 GHz
(includes N5260A Test Set Controller, modules)

Serial Numbers: US43110101/US43110169

The 3 Amp fast-blow line fuse shipped in the N5260A units is the incorrect type.

To Be Performed By: Agilent-Qualified Personnel or Customer

<u>Parts Required:</u>	<u>Description:</u>	<u>Qty.</u>
2110-1017	3A, 250V, Slow Blow (time-delay) Fuse	2 each

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	IMMEDIATELY X ON SPECIFIED FAILURE AGREEABLE TIME	STANDARDS: LABOR: 0.2 Hours	
LOCATION CATEGORY:	X CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER	SERVICE INVENTORY: X RETURN SCRAP SEE TEXT	USED PARTS: X RETURN SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: Product Support Life	
AUTHOR: RD/MF	PRODUCT LINE: PLWN		
ADDITIONAL INFORMATION: Written Sept 24, 2007. Duplicate Service Notes: N5250A-01 and N5260A-01.			

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Situation:

The line fuse (3 amp, fast-blow, non-time delay) shipped in these units has a short time constant, and will blow with line voltages of 200 – 240V when the N5260A test set power switch is rapidly cycled from ON to OFF to ON.

Solution/Action:

The replacement line fuse (3 amp, slow-blow, time delay) has a long time constant, and will prevent failure of the line fuse.

Line Fuse Replacement Procedure:

1. Turn off the N5260A test set.
2. Remove the power cord from the rear of the test set.
3. Remove the fuse holder from the power line module.
4. Remove and discard the two old fuses currently in the fuse holder.
5. Insert the two new fuses into the fuse holder. One of the fuses is a spare.
6. Insert the fuse holder into the power line module.
7. Reconnect the power cord.
8. Turn on the N5260A test set.
9. Confirm that the power LED, located above the power switch, illuminates.

For the December 2003 edition of the N5250A Network Analyzer System Installation Guide (Agilent part number N5250-90001):

If not already done, please make the following changes:

- Page 1-8:
 - Delete the note on the bottom illustration that reads: “NO FAN IN THIS HEAD. NO CLEARANCE NEEDED FOR THESE AIR INTAKE HOLES.” There IS NOW a fan in each head and clearance IS needed for proper air flow.
- Page 1-22:
 - Add the following entry after **BIAS** and before **Fuse**:

2 AMP FUSE This fuse is for the **BIAS** connection to the head and should be a 2 amp very fast acting fuse, Agilent part number 2110-1371.
 - Change the **Fuse** entry to read: “**Line Fuse**”.
 - Delete the last two sentences under the **Line Fuse** entry that read from "For 110V operation..." to "...voltage selector cam."
- Page 1-23:
 - Change information under "**Available Fuses**" to read for all locations and all voltages: "Line Fuse; 3A–250 V, Slow Blow (time delay) Fuse, Agilent part number 2110-1017". Delete references to specific countries and locations.
- Page 1-24:
 - Add the following CAUTION to this page:

CAUTION

The attenuator in the test head waveguide module is very delicate and can be damaged by using excessive force. Do not force the attenuator adjustment knob past the end stops or damage

to the attenuator will occur. Any damage to the attenuator due to physical abuse is not covered under warranty.