

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E8356A-01**

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

Supersedes:  
NONE

## E835xA PNA RF Network Analyzers

Serial Numbers: US00000000 thru US41089999

**Failures of the Noise Floor and/or Crosstalk performance tests are often caused by deterioration of the rubber receiver gaskets. In case of failures, replace with metal waffle gaskets.**

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

**Parts Required:**

P/N	Description	Qty.
N3381-20032	metal waffle gasket	4

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" 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: PROD'S SUPPORT LIFE	
AUTHOR: LSH		PRODUCT LINE: WN	
ADDITIONAL INFORMATION:			

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May 12, 2005

**Situation:**

When an E875xA PNA fails the Crosstalk or Noise Floor tests, the failure may be caused by deteriorated rubber gaskets on the receivers. If the gaskets are the rubber type, they should be replaced. It is difficult to determine the gasket material type without removing the cover on the receiver. See page 7-30 in the service manual (E8356-90002) for instructions.

**Solution/Action:**

If test failures indicate a problem and the old rubber gaskets are in place, then replace all four gaskets. One on each receiver.

Following the gasket replacement, a full set of performance tests should be performed.