

E5062A-08A**S E R V I C E N O T E**

Supersedes:

E5062A-08

E5062A ENA Series Network Analyzer, 300 kHz to 3 GHz**Serial Numbers: MY44100001 to MY44206766, SG44100001 to SG44200502****Source level might decrease gradually and become out of spec.****Parts Required:**

P/N	Description	Qty.
N/A		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
MODIFICATION AVAILABLE	
ACTION CATEGORY:: AGREEABLE TIME	☐ PERFORMANCE ENHANCEMENT ☒ SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: ☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ SERVICE CENTER ☐ CHANNEL PARTNERS	AVAILABILITY:
AUTHOR: jm	PRODUCT LINE: WN
ADDITIONAL INFORMATION:	

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Situation:

Source level might decrease gradually and become out of spec.

It might occur whether customer turn on a unit or not.

Solution/Action:

1. Perform the following adjustments by using E5061A/E5062A Performance Test program Version A.02.00 or later.

- ☐ Synthesizer Gain Adjustment
- ☐ Local Output Power Adjustment
- ☐ Source Output Power Adjustment
- ☐ Receiver IF Range Adjustment
- ☐ Receiver Ports Characteristics Adjustment

2. Perform the verification test

- ☐ “To Execute the Diagnostic Test” on page 101 of E5061A/E5062A service manual.
- ☐ Frequency Accuracy Test
- ☐ RF Output Level Accuracy and Flatness Test
- ☐ RF Output Level Linearity Test
- ☐ Trace Noise Test
- ☐ Crosstalk & System Dynamic Range Test
- ☐ Dynamic Accuracy Test
- ☐ Uncorrected System Performance Test

3. If there is a FAIL test, replace A1 Source Board.

If there is no FAIL test, verification is done correctly.

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