

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E5071A-08

S E R V I C E N O T E

Supersedes:
None

E5071A ENA Series Network Analyzer, 300 kHz to 8.5 GHz

Serial Numbers: [0000A00000 / 9999Z99999]

When E5071A has the step attenuator (33321-60059) and fails Internal Test at Step Attenuator test group, replace the old step attenuator with the improved version (33321-60069) and the revised A86 (E5070-65086).

To Be Performed By: Agilent-Qualified Personnel

Parts Required: See Solution/Action

P/N	Description	Qty
33321-60069	ATTENUATOR PROGRAMMABLE 35DB 12G	1
E5070-65086	SVC, A86 BOARD	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR: 3.0 Hours
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☐ ON-SITE ☒ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: ☐ X RETURN ☒ SCRAP ☐ SEE TEXT
AGILENT RESPONSIBLE UNTIL: October 2008		
AUTHOR: jrm PRODUCT LINE: WN		
ADDITIONAL INFORMATION:		

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Situation:

Internal Test dialog box (rev.A01.02 or earlier)



Internal Test dialog box (rev.A03.00 or later)



Internal Test is failed on Step Attenuator Test Group, due to the old attenuator reliability.

Solution/Action:

When the attenuator (33321-60059) is defective, replace with the new replacement attenuator (33321-60069, not 33321-60068) and replace A86 (E5070-66586) with revised one (E5070-65086). There is no need to upgrade firmware for this replacement.

Parts Required

P/N	Description	Qty.
33321-60069	ATTENUATOR PROGRAMMABLE 35DB 12G	1
E5070-65086	SVC, A86 BOARD	1

Caution: 33321-60069 for E507xA, 33321-60068 can not be used up to E507xA. 33321-60068 is for E507xB.

Detail procedure:

1. Do hardware modification.
2. Do adjustment program
3. Do Internal Test and External Test
4. Do performance test

Retrofit Time:

Assembly Time: 1.5 hour

Adjustment Time: 0.5 hour

Performance Test Time: 1.0 hour

Total Time: 3.0 hours

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