

Information Only Service Note

Supersedes:
None

E5061B ENA Series Network Analyzer

Serial Numbers: None

Manufacturing ID Number: None

RF Output Level Power Sweep Test fails in Diagnostic Test (Rev: B.01.95)

Parts Required:

None

ADMINISTRATIVE INFORMATION

Calibration Required
 Calibration NOT Required

PRODUCT LINE: WN
AUTHOR: SH

ADDITIONAL INFORMATION:

Situation:

RF Output Level Power Sweep Test may fail in Diagnostic Test even when the performance is good enough.

The Diagnostic tests software was updated at Firmware Revision B.06.08 by widening the limit, to fit with new module design specifications. No further impact on unit performance and specifications.

If one of the symptoms below is shown, it's recognized as invalid RF Output Level Power Sweep Test failure.

- (1) Repair and replace A31 old source board (E5061-61021) with new source board(E5061-62031).
- (2) E5061B - MY49810614 and above with Diagnostic Test Revision B.01.95

Solution/Action:

Diagnostic tests (Rev: B.01.95) replace with Diagnostic tests (Rev: B.01.96)

DiagnosticTest.vba is under D:\Agilent\Service\

<https://www.keysight.com/my/en/assets/9924-01626/miscellaneous/DiagnosticTest-E5061B.zip>

Or

Install the latest Firmware version (B.06.08 and above) of E5061B which includes the Diagnostic tests (Rev:B.01.96) vba file in the installer.

Revision History:

Date	Service Note Revision	Author	Reason for Change
10 July 2024	01	SH	As published