

N4373D-01

Modification Available Performance Enhancement Service Note

Supersedes:
NONE

N4373D Lightwave Component Analyzer

Serial Numbers:

DE52800001, DE52800002, DE52800104 – DE52800184, DE56C00190 – DE56C00210, DE56C00212
DE56C00214

An improved calibration procedure is available for re-adjustments and verification of N4373B/C/D LCAs

Parts Required:

NONE

ADMINISTRATIVE INFORMATION

☒ Calibration Required
☐ Calibration NOT Required

PRODUCT LINE: 3E
AUTHOR: PS

ADDITIONAL INFORMATION:

Situation:

- After re-adjustment, the “relative frequency response uncertainty” measurement value in the “Production Test Data” report could be improved
- The improvement is effective in the range 40GHz to 50GHz. The “relative frequency response uncertainty” is specified across the range of 0.05GHz to 65GHz. The specification limits are detailed for 5 sub-ranges. The particular measurement value in the range 20GHz to 50GHz could be improved
- The re-adjusted instruments will benefit from a further reduced uncertainty for E/O and O/E measurements in the range of 40GHz to 50GHz.
- All Specifications remain unchanged

Solution/Action:

- “As received” calibration will be performed
- Re-adjustment is done if necessary or approved by customer
- “As completed” calibration will be performed
- Keysight will cover the additional cost for the re-adjustment as part of a regular calibration

Revision History:

Date	Service Note Revision	Author	Reason for Change
Feb 7, 2018	01	PS	As Published