

N4373C-01

Modification Available Performance Enhancement Service Note

Supersedes:
NONE

N4373C 40/50/67 GHz Lightwave Component Analyzer

Serial Numbers:

DE47400108, DE48A00102, DE48A00104, DE48A00106, DE48A00107, DE48A00109 - DE48A00111,
DE48A00113, DE48A00117 - DE48A00134, DE48A00136 - DE48A00146, DE48A00151 - DE48A00156,
DE48A00158

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