

16195B-02A

Information Only Service Note

Supersedes:
16195B-02

16195B Calibration Kit, 7mm

Serial Numbers: ALL

Manufacturing ID Number: NA

16195B calibration/repair strategy

Parts Required:

P/N	Description	Qty.
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NONE

ADMINISTRATIVE INFORMATION

<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE: WN
<input type="checkbox"/> Calibration NOT Required Calibration NOT Required	AUTHOR: ls

ADDITIONAL INFORMATION:

Situation:

16195B Calibration kit, 7mm does not need to be separately calibrated when used with the 4287A / E4991A / E4991B / E4982A. In certain situations, such as when it will be used with the E5061B, the customer may request separate 16195B calibration with calibration data.

Solution/Action:

The 16195B contains Open, Short, 50 Ω Load and Low-loss Capacitor terminations for calibrating the 4287A / E4991A / E4991B / E4982A and E5061B. When the instrument passes the impedance measurement accuracy test using the 16190B Performance Test Kit, it is verified that the total accuracy of the 16195B's terminations and the 4287A / E4991A / E4991B / E4982A meet the accuracy specification. Additionally, the DC resistance of 50 Ω Load termination and the impedance of Low-loss Capacitor termination are verified by separate test procedures included in the 4287A / E4991A performance tests or in the E4982A / E4991B trouble shooting guides. Since the total accuracy of the 16195B and 4287A / E4991A / E4991B / E4982A is verified, the 16195B does not require its own separate calibration data.

This does not apply when the 16195B is used with the E5061B. The 16195B is not verified in the calibration process for the E5061B and therefore must be calibrated on its own. Calibration service for the 16195B is available, which will include data. Contact the Keysight service center for more information or to arrange for this service.

Revision History:

Date	Service Note Revision	Author	Reason for Change
07 Sep 2015	16195B-02	Is	As Published
21 Jul 2016	16195B-02A	jm	Added calibration strategy for Network Analyzer