

16195B-02

Information Only Service Note

Supersedes:
None

16195B Calibration Kit, 7mm

Serial Numbers: ALL

Manufacturing ID Number: NA

16195B calibration (with calibration data) request handling

Parts Required:

None

ADMINISTRATIVE INFORMATION

☒ **Calibration Required**
☐ Calibration NOT Required

PRODUCT LINE: WN
AUTHOR: ls

ADDITIONAL INFORMATION: 16195B calibration (with calibration data) request handling

Situation:

16195B Calibration kit, 7mm does not need to be separately calibrated. In certain situation, customer may request for 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. 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/ E4991B/ E4982A performance tests. Since the total accuracy of the 16195B and 4287A/ E4991A/ E4991B/ E4982A is verified, the 16195B does not require any calibration data.

Calibration service for adding the calibration data to the 16195B is available.

Contact Keysight service center if customer requires their 16195B to be separately calibrated.

Revision History:

Date	Service Note Revision	Author	Reason for Change
7 Sept 2015	16195B-02	ls	As Published