



CALIBRATION REPORT

ORDER No.

AUGUST 10, 2016

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MANUFACTURER: OHM-LABS
 DESCRIPTION: HIGH VOLTAGE DIVIDER
 MODEL: KVVB-10-10
 SERIAL:

PROCEDURE: HV CAL
 LAB ENVIRONMENT: 21 °C/ 52 %RH
 CALIBRATION DATE: 10/AUG/2016
 CALIBRATION DUE:

MEASUREMENT DATA – AS-FOUND & AS-LEFT

APPLIED VOLTAGE	RATIO	UNCERTAINTY
2 kV DC	1,000.005 : 1	0.043 : 1
4	1,000.011	0.051
6	1,000.012	0.050
8	1,000.016	0.050
10	1,000.025	0.043

STANDARDS USED

ID	DESCRIPTION	MAKE & MODEL	CAL DUE
AS3701	HIGH VOLTAGE BRIDGE	OHM-LABS HVB	29/DEC/2016
AS3714	HIGH VOLTAGE DIVIDER	OHM-LABS HV-S	22/DEC/2016

COMMENTS:

DIVIDER WAS ALLOWED TO STABILIZE AT EACH APPLIED VOLTAGE. ACTUAL APPLIED VOLTAGES WERE WITHIN 1 % OF NOMINAL VALUES LISTED.

THE DIVIDER WAS TESTED ON A 24" SQUARE GROUND PLANE.

OHM-LABS, INC. CERTIFIES THAT THIS CALIBRATION IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST), OR ANOTHER RECOGNIZED NATIONAL MEASUREMENT INSTITUTE, OR DERIVED BY A RATIO TYPE SELF-CALIBRATION TECHNIQUE, AND IS ACCREDITED TO ISO/IEC 17025. OHM-LABS' QUALITY CONTROL SYSTEM MEETS THE REQUIREMENTS OF ANSI/NCSL Z540-1-1994. THE REPORTED UNCERTAINTIES REPRESENT EXPANDED UNCERTAINTIES EXPRESSED AT A CONFIDENCE LEVEL OF APPROXIMATELY 95 %, USING A COVERAGE FACTOR OF K=2. THIS UNCERTAINTY IS AT THE TIME OF TEST ONLY AND DOES NOT TAKE INTO ACCOUNT TRANSIT, USAGE, DRIFT OVER TIME, OR OTHER FACTORS AFFECTING STABILITY. THIS DOCUMENT CERTIFIES THAT THE ITEMS IDENTIFIED HEREIN COMPLY WITH ALL REQUIREMENTS OF THE ABOVE PURCHASE ORDER, AND THAT THE CALIBRATION PERFORMED WAS IN ACCORDANCE WITH THE REQUIREMENTS ON OHM-LABS' QUALITY CONTROL SYSTEM REV. 5, DATED NOVEMBER 2005. TRAINED AND QUALIFIED PERSONNEL PERFORMED THE CALIBRATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ISO/IEC 17025. THIS CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN PERMISSION BY OHM-LABS, INC.

PERFORMED BY:

REVIEWED BY:

