

West Caldwell Calibration Laboratories Inc.

Certificate of Calibration

for

ACCELEROMETER

Manufactured by: **BRUEL & KJAER**
Model No: **8305/WH2335**
Serial No: **1687744**
Calibration Recall No: **12258**

Submitted By:

Customer: **FELIX CHRISTOPHER**
Company: **WEST CALDWELL CAL.LABS.INC.(USA)**
Address: **1575 STATE ROUTE 96**
VICTOR **NY 14564**

The subject instrument was calibrated to the indicated specification using standards traceable to the National Institute of Standards and Technology or to accepted values of natural physical constants. This document certifies that the instrument met the following specification upon its return to the submitter.

West Caldwell Calibration Laboratories Procedure No. **8305/WH23 BRUE**

Upon receipt for Calibration, the instrument was found to be:

Within (X) see attached Report of Calibration.

the tolerance of the indicated specification.

West Caldwell Calibration Laboratories' calibration control system meets the requirements, MIL-STD-45662A, ANSI/NCSL Z540-1, IEC Guide 25, ISO 9002 and ISO 17025.

Note: With this Certificate, Report of Calibration is included.

Approved by:

Calibration Date: **26-Jan-04**

Certificate No: **12258 - 3**


Felix Christopher
Quality Manager

QA Doc. #1051 Rev. 2.0 10/1/01

Certificate Page 1 of 1


**West Caldwell
Calibration
Laboratories, Inc.**
uncompromised calibration
1575 State Route 96, Victor, NY 14564, U.S.A.



ANSI/NCSL Z540-1-1994
MIL-STD-45662A
CALIBRATION TRACEABLE
TO N. I. S. T.



Phone: (585) 586 - 3900 Fax: (585) 586 - 4327

Accelerometer Charge Sensitivity (Sq)



Report no: **12258 -3**

Control no: **12258** Customer: **West Caldwell Cal. Labs. Inc. (USA)**

Temp. **20.3 °C**

RH: **26.6%**

The listed instrument was checked on B&K 9610 system using work unit code listed below. Revision 7/95 Barometric Pressure:

100.374 kPa

Manufacturer : **Brüel & Kjær**

Work Unit Code : **8305B&K**

Operator ID

: **CHRIS**

Felix Christopher

Part No. : **8305**

Measurement Angle : **0 °**

Calibration Date

: **26 Jan 2004, 16:00**

1.236

Serial No. : **1687744**

Ref. Sensitivity : **Passed**

Last Cal. Date

: **26 Jan 2004, 15:56**

Freq. range : **5-5000 Hz**

Generator range : **As freq. range**

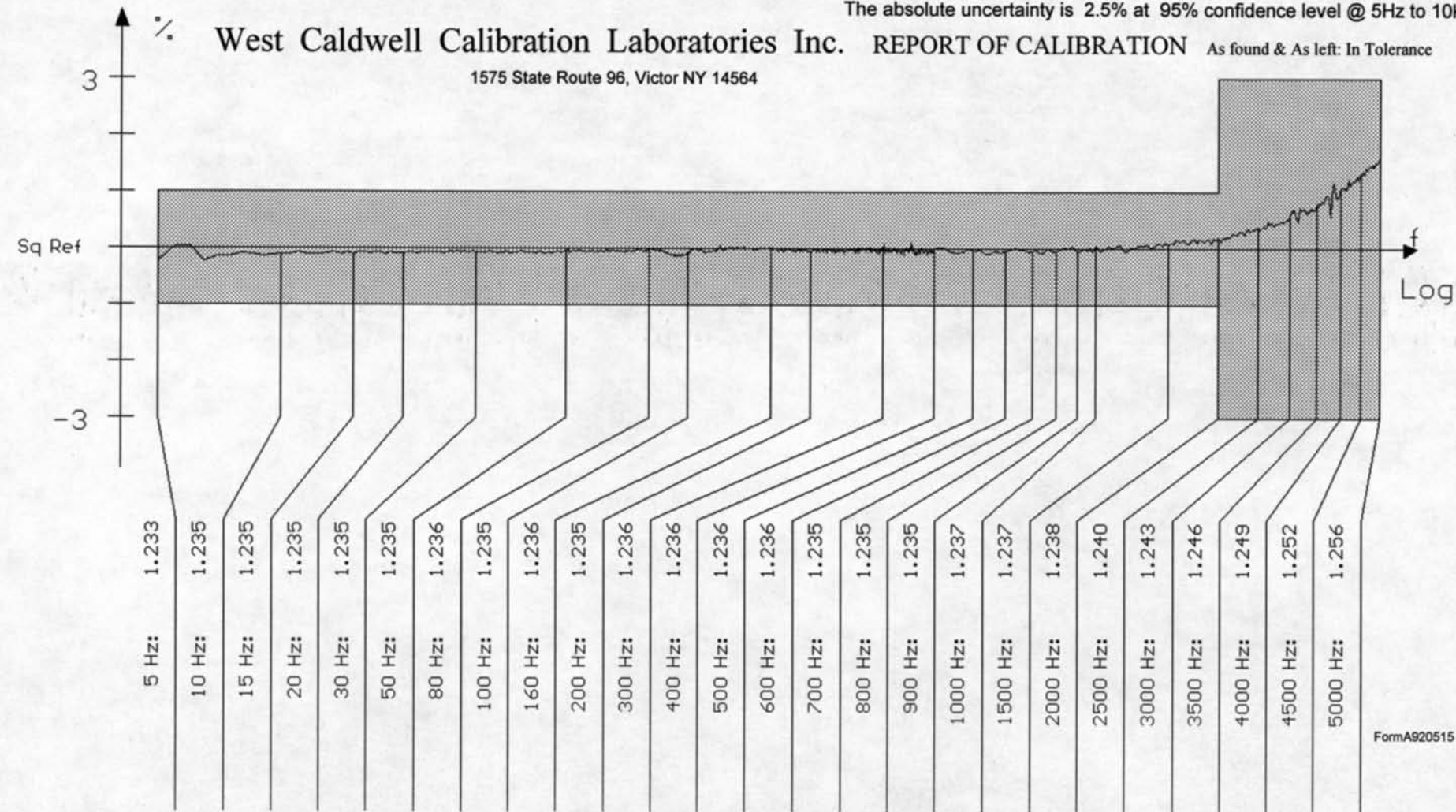
This Calibration is traceable to the N.I.S.T. {ISO/IEC 17025}

The absolute uncertainty is 1.2% at 95% confidence level @ Ref. Sens.

The absolute uncertainty is 2.5% at 95% confidence level @ 5Hz to 10kHz

West Caldwell Calibration Laboratories Inc. REPORT OF CALIBRATION As found & As left: In Tolerance

1575 State Route 96, Victor NY 14564



Ref. Sensitivity @ 160Hz: **1.236 pC/g**

FormA920515

Certified References:

Brüel & Kjær 8305

S/N1777437

Date of Cal.

27 June 2003

Due Date

27 June 2005

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NIST No.

822/268875-03

0.126 pC/ms-2

ACCREDITATION
ISO 17025



ANSI/NCSL Z540-1:1994
(MIL-STD-45662A)

CALIBRATION TRACEABLE
TO N.I.S.T.

ISO 9002 REGISTERED
COMPANY



84542

Calibrated on Brüel & Kjær system type 9610