

As Left Certificate of Calibration

Manufacturer Radian Research, Inc.
Instrument Model: RD-33-333 Dytronic Portable Standard
Serial Number 301653
Firmware Revision: 07.34.06
Error Specification .01% worst case

ISO 9001:2015 Certified Quality Management System
 ISO/IEC 17025:2017 Accredited Laboratory

Customer Name: ENERCOM, S.A.
Address: BALBOA, CALLE AKEE #1511-B
 APDO.321, BALBOA-ANCON, PANAMA

Calibration Lab Name: Radian Research, Inc.
Calibration Lab Address: 3852 Fortune Drive; Lafayette, IN 47905
Calibration Date: 11-Nov-21
Report Issue Date: 12-Nov-21

Environmental Conditions

Temperature: 23°C +/- 2°C
Humidity: between 30% and 60%

P.O.Number: E-1991
RMA / Certificate Number: RO40832

Physical Condition: Undamaged

Radian Research's As-Found Test Results showed this Instrument to be:

New In Tolerance Out of Tolerance Inoperative Limited Calibration Repair Needed

Radian Research's As-Left Test Results showed this Instrument to be:

New In Tolerance Out of Tolerance Inoperative Limited Calibration

For Out of Tolerance conditions, As-Found Data Reports are furnished.

Radian Research, Inc. certifies the instrument listed above meets or exceeds specifications and was calibrated in compliance with ANSI/NCSL Z540-1-1994 "Calibration Laboratories and Measuring and Test Equipment – General Requirements" using applicable Radian Research procedures which meet the requirements of ISO 9001:2015 and ISO/IEC Guide 98-3 "Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)".


This instrument was calibrated by a Radian Research RS-933 Syntron Automated Calibration System which is traceable to the National Institute of Standards and Technology (NIST) and/or other National Metrology Institute (NMI). The Automated Calibration system is cross checked and calibrated on a schedule which is adjusted to maintain required accuracies and traceability. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2.

Procedure used for Calibration: 9912164
Software used for Calibration: Radian Source Control Program Rel.04.30.19 Test Release Mar 31, 2011
RS-933 Tool Number: 9911934

Standards Used in This Calibration:

<u>Description</u>	<u>Serial Number(s):</u>	<u>Cal. Source</u>	<u>Cal. Number:</u>	<u>Cal. Due Date:</u>
RS-940A Data Collection Module	933028	Radian Research	933028-20201007	9/28/2022
RS-711 Syntron with RS-932 Boost Module (Phase A)	703201	Radian Research	703201-20211005	10/5/2022
RS-711 Syntron with RS-932 Boost Module (Phase B)	703198	Radian Research	703198-20211006	10/6/2022
RS-711 Syntron with RS-932 Boost Module (Phase C)	703199	Radian Research	703199-20211007	10/7/2022

Laboratory Technician Signature


 LAB 429

Template 9903256.06

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