

As Left Certificate of Calibration

Manufacturer	Radian Research, Inc.	ISO 9001:2015 Certified Quality Management System
Instrument Model:	RD-33-333 Dytronic Portable Standard	ISO/IEC 17025:2017 Accredited Laboratory
Serial Number	301653	
Firmware Revision:	07.34.06	
Error Specification	.01% worst case	

Customer Name: Enercom S.A.
 Address: Calle 50, piso 12, oficina 1207
 Ciudad de Panama, Panama

Calibration Lab Name: Radian Research, Inc.
 Calibration Lab Address: 3852 Fortune Drive; Lafayette, IN 47905
 Calibration Date: 22-Nov-24
 Report Issue Date: 25-Nov-24

Environmental Conditions

Temperature: 23°C +/- 2°C
 Humidity: between 30% and 60%
 RMA / Certificate Number: RO46745

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 Research RS-933 Control Application Version 2.6.8312.21655
 RS-933 Tool Number: 9911644

Standards Used in This Calibration:

Description	Serial Number(s):	Cal. Source	Cal. Number:	Cal. Due Date:
RS-940A Data Collection Module	933073	Radian Research	933073-20240529	5/29/2025
RS-711 Syntron with RS-932 Boost Module (Phase A)	703236	Radian Research	703236-20240308	3/8/2025
RS-711 Syntron with RS-932 Boost Module (Phase B)	703194	Radian Research	703194-20240309	3/9/2025
RS-711 Syntron with RS-932 Boost Module (Phase C)	703226	Radian Research	703226-20240314	3/14/2025

Laboratory Technician Signature



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