

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	300732	
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:	21-Sep-23
Report Issue Date:	3-Oct-23

Environmental Conditions	P.O.Number:	CCD
Temperature: 23°C +/- 2°C	RMA / Certificate Number:	RO44391
Humidity: between 30% and 60%		

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:	RS-703A Control Program Rel.04.30.03 Test Release Apr 6, 2010
RS-933 Tool Number:	9922573

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	933172	Radian Research	933172-20230419	4/19/2024
RS-711 Syntron with RS-932 Boost Module (Phase A)	703273	Radian Research	703273-20230223	2/23/2024
RS-711 Syntron with RS-932 Boost Module (Phase B)	703274	Radian Research	703274-20230224	2/24/2024
RS-711 Syntron with RS-932 Boost Module (Phase C)	703275	Radian Research	703275-20230228	2/28/2024

Laboratory Technician Signature

Carmona Nealley LAB 429

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