

## As Left Certificate of Calibration

Manufacturer	<b>Radian Research, Inc.</b>	ISO 9001:2015 Certified Quality Management System
Instrument Model:	<b>RD-33-333 Dytronic Portable Standard</b>	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: 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: 9-Nov-22  
 Report Issue Date: 21-Nov-22

**Environmental Conditions**

Temperature: 23°C +/- 2°C	P.O.Number: E1992
Humidity: between 30% and 60%	RMA / Certificate Number: RO42537

**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 2.5.7662.17995  
 RS-933 Tool Number: 9911644

**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	933073	Radian Research	933073-20230404	4/4/2023
RS-711 Syntron with RS-932 Boost Module (Phase A)	703236	Radian Research	703236-20220316	3/16/2023
RS-711 Syntron with RS-932 Boost Module (Phase B)	703194	Radian Research	703194-20220314	3/14/2023
RS-711 Syntron with RS-932 Boost Module (Phase C)	703226	Radian Research	703226-20220315	3/15/2023

**Laboratory Technician Signature**

*Cammie Noalley* LAB 429

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