

## 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:**                      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:**            15-Sep-23  
**Report Issue Date:**         3-Oct-23

**Environmental Conditions**

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

P.O. Number:                    CCD  
 RMA / Certificate Number:    RO44392

**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:**

<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	933073-20230419	4/19/2024
RS-711 Syntron with RS-932 Boost Module (Phase A)	703236	Radian Research	703236-20230317	3/17/2024
RS-711 Syntron with RS-932 Boost Module (Phase B)	703194	Radian Research	703194-20230319	3/19/2024
RS-711 Syntron with RS-932 Boost Module (Phase C)	703226	Radian Research	703226-20230320	3/20/2024

**Laboratory Technician Signature**



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