

As Left Certificate of Calibration

Manufacturer: **Radian Research, Inc.**
 Instrument Model: **RX-33-PQ Xytronic Portable Standard**
 Serial Number: **710851**
 Firmware Revision: **12.01.00**
 Error Specification: **.01% worst case**

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

Customer Name: **Energy Management**
 Address: **International Business Park Blvd. Edif.204**
Panama Pacifico, Republica de Panama, PANAMA

Calibration Lab Name: **Radian Research, Inc.**
 Calibration Lab Address: **3852 Fortune Drive, Lafayette, IN 47905, USA**
 Calibration Date: **30-Jun-26**
 Report Issue Date: **20-Jul-26**

Environmental Conditions

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

P.O.Number: **ACH**
 RMA: **RO48801**

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: **9912270**
 Software used for Calibration: **Radian Research RS-933 Control Application Version 2.6.8312.21655**
 RS-933 Tool Number: **9922573**

Standards Used in This Calibration:

Description	Serial Number(s)	Cal. Source	Cal. Number:	Cal. Due
RS-940B Data Collection Module	933172	Radian Research	933172-20260413	4/13/2027
RS-711 Syntron with RS-932 Boost Module (Phase A)	703273	Radian Research	703273-20260610	6/10/2027
RS-711 Syntron with RS-932 Boost Module (Phase B)	703274	Radian Research	703274-20260609	6/9/2027
RS-711 Syntron with RS-932 Boost Module (Phase C)	703275	Radian Research	703275-20260612	6/12/2027

Laboratory Technician Signature

Carmen Roalleg
 LAB
 429

Template 9903279.11

This report shall not be reproduced, except in full, without prior written approval of the Calibration Facility