



Certificate Number

220427-08520-4250041



An ISO 9001 registered company.

REV: SVL 12/05/2018

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Order #: 0720988

Printed on: 6/28/2022

### Instrument Identification

Received Date: **Apr, 27 / 2022**Calibration Date: **Apr, 27 / 2022**Temperature: **(23+/- 5) DEG C**

Company:

Address:

Model: **08520**Serial: **4250041**

Customer Instrument 4250041

Humidity: **(35+/-15) %RH**

Test Procedure #: 802-5001

Calibration Location:

Ikonix

Technician: **Robert Nordeen**

The instrument listed above has been calibrated using the standards traceable to the International System of Units (SI). Ikonix certifies that this instrument meets or exceeds manufacturer's tolerance limits as stated in the applicable test procedure (unless otherwise noted). The results reported below relate only to quantities of the item calibrated. There was no sampling used in this calibration.

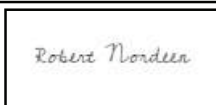
The uncertainties were estimated in accordance with the Guide to the expression of Uncertainty in Measurement (GUM), JCGM 100:2008. A coverage factor of (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95 % confidence level. Unless stated otherwise, the test uncertainty ratio (TUR) exceeded 4:1. Non-accredited standards are marked with a "\*".

Ikonix quality system is registered to ISO 9001:2015 and the calibration system is accredited to ISO/IEC 17025-2017. This certificate shall not be reproduced except in full, without the written approval of Ikonix.

**Remark** The instrument is in calibration according to the manufacturer's tolerances. When TUR is less than 4 to 1, guardbands are applied to specification limits by offsetting specification limits by 1/2 the uncertainty value to reduce False-Accept Risk. See the attached A2LA accredited data sheet(s) report. As received the instrument was found to be non-operational. Found front panel to be damaged. Repaired the front panel. Calibrated the instrument for long term stability. After service test the instrument was found to be within manufacturer's tolerance limits.

### Calibration Standards Used

Inst ID#	Model No	Model Description	Cal Date	Due Date	NIST Traceable #	Not accredited STD
AR 695	PPA530	PPA530-3 PHASE PRECISION POWER ANALYZER	07/26/2021	07/26/2022	176162845	
AR 685	3458A	WIDEBAND DIGITAL MULTIMETER, 8.5 DIGIT	05/12/2021	05/26/2022	SL247060,SL250286,SL219512	
AR 688	RS010	TEMPERATURE/HUMIDITY LOGGER	07/26/2021	07/26/2022	2188910,2186366,2185706	

Certified  
RN-293

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Approved by:

