



IKONIX USA

Certificate of Calibration

ISO 17025

Certificate Number :

180213-8206_9680713



An ISO 9001 registered company.



REV: RSVL 09/13/2017

Cert Records pages 1 of 3

Order #:S123456

Printed on: 3/6/2018

Instrument Identification

Received Date: Feb, 05 / 2018

Calibration Date: Feb, 13 / 2018

Company: SAMPLE

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Temperature: (72 +/- 5) DEG F

Model: 08206 - OMNIA 8200 SERIES 6IN1 BASE UNIT

Humidity: (30 +/- 20) %

Serial: 123456

Customer Instrument ID: 0000001

Test Procedure #: 802-5001

Technician: Power ATS1_XATS7

Calibration Location:

Ikonix USA, LLC.

Ikonix USA, LLC. certifies that the instrument listed above meets or exceeds manufacturing tolerance limits as stated in the referenced test procedure (unless otherwise noted). This instrument has been calibrated using standards with accuracies traceable to the National Institute of Standards and Technology. Ikonix USA, LLC. quality system is registered to ISO 9001:2015, the calibration system is A2LA accredited to ISO/IEC 17025-2005, ANSI/NCSL Z540-1-1994. This calibration was done by comparing the unit under test to the listed calibration standards, there was no sampling used in this calibration. The uncertainties were computed in accordance with the US guide of Uncertainty in Measurement ANSI/NCSL Z540-2-1997 (R2007). Unless stated otherwise, the test uncertainty ratio (TUR) exceeded 4:1, a coverage factor of 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at 95% confidence level. Non-accredited standards are marked with a "". The results contained herein relate only to quantities of the item calibrated. This certificate shall not be reproduced except in full, without the written approval of Ikonix USA, LLC.*

A calibration verification is recommended within 12 months of the Calibration Date (Recommended Due: Feb, 13 / 2019)

Remarks This New Instrument is in calibration according to the manufacturer's tolerance limits. Guard Banding technique was applied to tolerance 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.

Calibration Standards Used

| Inst ID# | Model No | Model Description | Cal Date | Due Date | Measurement | NIST Traceable # | Not accredited STD |
|----------|------------------|------------------------------------|------------|------------|-----------------------|--|--------------------|
| AR 476 | 5316B | UNIVERSAL COUNTER | 03/13/2017 | 03/13/2018 | TIMER | 348404-0142-348414, 345290-0142-345300 | |
| AR 562 | VD15-16.5-A-AB-T | HIGH VOLTAGE DIVIDER | 03/02/2017 | 03/02/2018 | AC VOLTAGE HIPOT | 9188, 9303, 9353, 9302 | |
| AR 562 | VD15-16.5-A-AB-T | HIGH VOLTAGE DIVIDER | 03/02/2017 | 03/02/2018 | DC VOLTAGE HIPOT | 9188, 9303, 9353, 9302 | |
| AR 596 | power Logger 10 | POWER MULTIMETER | 05/11/2017 | 05/11/2018 | EARTH LEAKAGE CURRENT | 293788, 357770-0142-357780 | |
| AR 602 | TM320 | TEMPERATURE & HUMIDITY DATA LOGGER | 04/17/2017 | 04/17/2018 | TEMPERATURE&HUMIDITY | 2019091-170119-HMT337-L4340095 | |
| AR 603 | PM1000+ | POWER ANALYSER PM1000 | 04/28/2017 | 04/28/2018 | POWER ANALYSER | EVL330130, 346417-0142-346427, 345013-0142-345023, 358628-0142-358638 | |
| AR 603 | PM1000+ | POWER ANALYSER PM1000 | 04/28/2017 | 04/28/2018 | LINE/LOW VOLTAGE | EVL330130, 346417-0142-346427, 345013-0142-345023, 358628-0142-358638 | |
| AR 603 | PM1000+ | POWER ANALYSER PM1000 | 04/28/2017 | 04/28/2018 | LINE/DC CURRENT | EVL330130, 346417-0142-346427, 345013-0142-345023, 358628-0142-358638 | |
| AR 636 | 3458A | WIDEBAND VOLTMETER | 07/05/2017 | 07/05/2018 | WIDEBAND /TC LEAKAGE | 6D5858, 192795, EVL354470, EVL354473, 1-8901063586-1, 345290-0142-345300, CAL166334, CAL166335 | |
| AR 650 | M249A | METRAHIT ENERGY | 04/05/2017 | 04/05/2018 | EARTH LEAKAGE CURRENT | 243909 | |
| AR 658 | CTGB4-2 | ATS EVOLUTION LOAD REV B | 01/08/2018 | 01/08/2019 | INSULATION RESISTANCE | AR 479, EVL330130, AR 676, 1-9300239941-1-1-ANAB:AC1813 | |

Certified by:

28105 N Keith Drive, Lake Forest, IL 60045 • Phone: +1-847-367-4671
Email: info@ikonixusa.com • Web: http://www.ikonixusa.com

Approved by:



IKONIX USA

Certificate of Calibration ISO 17025

Certificate Number :

180213-8206_9680713



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REV: RSVL 09/13/2017

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Order #:S123456

| | | | | | | |
|--------|---------|----------------------------|------------|------------|----------------------|---|
| AR 658 | CTGB4-2 | ATS EVOLUTION LOAD REVB | 01/08/2018 | 01/08/2019 | GB CURRENT 40A | AR 666, AR676 |
| AR 658 | CTGB4-2 | ATS EVOLUTION LOAD REVB | 01/08/2018 | 01/08/2019 | GB MILLIOHM LOAD 40A | AR 676, |
| AR 666 | 34465A | 6.5 DIGIT MULTIMETER | 06/28/2017 | 06/28/2018 | AC VOLTAGE HIPOT | 6D5858, EVL330130, 353311-0142-353321, 5D9905 |
| AR 666 | 34465A | 6.5 DIGIT MULTIMETER | 06/28/2017 | 06/28/2018 | DC VOLTAGE HIPOT | 6D5858, EVL330130, 353311-0142-353321, 5D9905 |
| AR 666 | 34465A | 6.5 DIGIT MULTIMETER | 06/28/2017 | 06/28/2018 | FREQUENCY | 6D5858, EVL330130, 353311-0142-353321, 5D9905 |

SAMPLE

Certified by:

28105 N Keith Drive, Lake Forest, IL 60045 • Phone: +1-847-367-4671
Email: info@ikonixusa.com • Web: http://www.ikonixusa.com

Approved by: _____



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: **123456**

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Test points marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm Δ@ | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|----------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Ground Bond Current Metering (A) @60hz | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | | |
|---|-------------------|----------------------|----------------------|-------------|-----|-------|----------|----------|---|------|------|----|---|
| 1.00 40.00 | | | | | | | | | | | | | |
| 666 658 | 1 | 0.99 | N/A | 0.993 | N/A | 0.30% | 0.931 | 1.049 | 3 | 0.03 | 2 | mA | |
| 666 658 | 5 | 5.00 | N/A | 5.016 | N/A | 0.32% | 4.826 | 5.174 | 3 | 0.03 | 12 | mA | |
| 666 658 | 10 | 10.00 | N/A | 10.048 | N/A | 0.48% | 9.682 | 10.318 | 3 | 0.03 | 23 | mA | |
| 666 658 | 30 | 30.01 | N/A | 30.009 | N/A | 0.00% | 29.114 | 30.906 | 3 | 0.03 | 69 | mA | |
| 666 658 | 40 | 40.01 | N/A | 39.99 | N/A | 0.05% | 38.826 | 41.194 | 3 | 0.03 | 92 | mA | |
| Ground Bond Current Setting (A) @60hz | UUT METER SETTING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | | |
| 1.00 40.00 | | | | | | | | | | | | | |
| | 1 | 1.00 | N/A | 0.993 | N/A | 0.70% | 0.960 | 1.040 | 2 | 0.02 | N/A | | * |
| | 5 | 5.00 | N/A | 5.016 | N/A | 0.32% | 4.880 | 5.120 | 2 | 0.02 | N/A | | * |
| | 10 | 10.00 | N/A | 10.048 | N/A | 0.48% | 9.780 | 10.220 | 2 | 0.02 | N/A | | * |
| | 30 | 30.00 | N/A | 30.009 | N/A | 0.03% | 29.380 | 30.620 | 2 | 0.02 | N/A | | * |
| | 40 | 40.00 | N/A | 39.99 | N/A | 0.03% | 39.180 | 40.820 | 2 | 0.02 | N/A | | * |
| Ground Bond Resistance (milliOhm) | STANDARD READING | UUT METER READING | UUT METER READING | Test Result | | | | | | | | | |
| 25.00 450.00 | | | | | | | | | | | | | |
| 658 @10 Amps | 25 | 25.004 | N/A | 26 | N/A | 3.98% | 23.705 | 28.295 | 2 | 2 | 0.45 | mΩ | |
| 658 @30 Amps | 25 | 25.004 | N/A | 26 | N/A | 3.98% | 23.705 | 28.295 | 2 | 2 | 0.45 | mΩ | |
| 658 @25 Amps | 100 | 99.778 | N/A | 99 | N/A | 0.78% | 95.245 | 102.755 | 2 | 2 | 0.45 | mΩ | |
| 658 @10 Amps | 450 | 457.551 | N/A | 447 | N/A | 2.31% | 436.285 | 457.715 | 2 | 2 | 0.45 | mΩ | |
| Ground Resistance Metering Measured (Ohm) | STD RDG MEASURED | UUT METER READING | UUT METER READING | Test Result | | | | | | | | | |
| 0.50 9524.00 | | | | | | | | | | | | | |
| 666 | 0.5 | 0.434 | N/A | 0.44 | N/A | 1.36% | 0.408 | 0.472 | 1 | 0.03 | 4 | mΩ | |
| 666 | 1 | 1.071 | N/A | 1.06 | N/A | 1.04% | 1.021 | 1.099 | 1 | 0.03 | 4.1 | mΩ | |
| 666 | 5 | 5.063 | N/A | 5.02 | N/A | 0.86% | 4.942 | 5.098 | 1 | 0.03 | 4.3 | mΩ | |
| 666 | 20 | 20.08 | N/A | 20 | N/A | 0.40% | 19.503 | 20.497 | 1 | 0.3 | 5.2 | mΩ | |
| 666 | 200 | 200.379 | N/A | 199 | N/A | 0.69% | 194.017 | 203.984 | 1 | 3 | 13 | mΩ | |
| 666 | 995 | 907.774 | N/A | 902 | N/A | 0.64% | 883.001 | 921.000 | 1 | 10 | 41 | mΩ | |
| 666 | 2000 | 1998.596 | N/A | 1986 | N/A | 0.63% | 1956.205 | 2015.795 | 1 | 10 | 0.13 | Ω | |
| 666 | 9524 | 9250.175 | N/A | 9181 | N/A | 0.75% | 9079.400 | 9282.600 | 1 | 10 | 0.42 | Ω | |
| Ground Cont Resistance (Ohm) | STD REF SETTING | UUT RDG PASS to FAIL | UUT RDG PASS to FAIL | Test Result | | | | | | | | | |
| 1.00 1.00 | | | | | | | | | | | | | |
| 674 | 1 | 1.02 | N/A | 1 | N/A | 2.00% | 0.901 | 1.099 | 0 | 0.1 | 2.1 | mΩ | |



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm Δ | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|----------------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Voltage Metering AC RMS (KV) @60hz | | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
|------------------------------------|------|-------------------|------------------|------------------|-------------|-------|---------|----------|---|-------|------|---|---|
| 0.10 5.00 | | | | | | | | | | | | | |
| 666 562 | 0.1 | 0.10 | N/A | 0.1011697 | N/A | 1.16% | 0.088 | 0.112 | 2 | 0.01 | 0.86 | V | |
| 666 562 | 0.25 | 0.25 | N/A | 0.2513527 | N/A | 0.54% | 0.236 | 0.264 | 2 | 0.01 | 1.8 | V | |
| 666 562 | 0.5 | 0.50 | N/A | 0.5015913 | N/A | 0.32% | 0.482 | 0.518 | 2 | 0.01 | 3.3 | V | |
| 666 562 | 1 | 1.00 | N/A | 1.001779 | N/A | 0.18% | 0.973 | 1.027 | 2 | 0.01 | 6.3 | V | |
| 666 562 | 3 | 3.00 | N/A | 3.006069 | N/A | 0.20% | 2.939 | 3.061 | 2 | 0.01 | 18 | V | |
| 666 562 | 5 | 5.00 | N/A | 5.016399 | N/A | 0.33% | 4.905 | 5.095 | 2 | 0.01 | 30 | V | |
| Voltage Setting AC RMS (KV) @60hz | | UUT METER SETTING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.25 5.00 | | | | | | | | | | | | | |
| | 0.25 | 0.25 | N/A | 0.2513527 | N/A | 0.54% | 0.240 | 0.260 | 2 | 0.005 | N/A | | * |
| | 0.5 | 0.50 | N/A | 0.5015913 | N/A | 0.32% | 0.485 | 0.515 | 2 | 0.005 | N/A | | * |
| | 1 | 1.00 | N/A | 1.001779 | N/A | 0.18% | 0.975 | 1.025 | 2 | 0.005 | N/A | | * |
| | 3 | 3.00 | N/A | 3.006069 | N/A | 0.20% | 2.935 | 3.065 | 2 | 0.005 | N/A | | * |
| | 5 | 5.00 | N/A | 5.016399 | N/A | 0.33% | 4.895 | 5.105 | 2 | 0.005 | N/A | | * |
| Voltage Metering DC (KV) | | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.10 6.00 | | | | | | | | | | | | | |
| 666 562 | 0.1 | 0.10 | N/A | 0.1005768 | N/A | 0.57% | 0.088 | 0.112 | 2 | 0.01 | 0.3 | V | |
| 666 562 | 0.25 | 0.25 | N/A | 0.2499377 | N/A | 0.02% | 0.235 | 0.265 | 2 | 0.01 | 0.75 | V | |
| 666 562 | 0.5 | 0.50 | N/A | 0.4991866 | N/A | 0.16% | 0.481 | 0.519 | 2 | 0.01 | 1.5 | V | |
| 666 562 | 2 | 2.00 | N/A | 1.994792 | N/A | 0.26% | 1.953 | 2.047 | 2 | 0.01 | 6 | V | |
| 666 562 | 4 | 4.00 | N/A | 3.992644 | N/A | 0.18% | 3.916 | 4.084 | 2 | 0.01 | 12 | V | |
| 666 562 | 6 | 6.00 | N/A | 5.995689 | N/A | 0.07% | 5.879 | 6.121 | 2 | 0.01 | 18 | V | |
| VOLTAGE Metering IR (V) | | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 100.00 1000.00 | | | | | | | | | | | | | |
| 666 562 | 100 | 100 | N/A | 98.82684 | N/A | 1.19% | 96.150 | 103.850 | 2 | 2 | 0.3 | V | |
| 666 562 | 250 | 250 | N/A | 247.2152 | N/A | 1.13% | 243.370 | 256.630 | 2 | 2 | 0.74 | V | |
| 666 562 | 500 | 500 | N/A | 496.377 | N/A | 0.73% | 488.750 | 511.250 | 2 | 2 | 1.5 | V | |
| 666 562 | 1000 | 1000 | N/A | 992.6016 | N/A | 0.75% | 979.500 | 1020.500 | 2 | 2 | 3 | V | |
| Voltage Setting DC (KV) | | UUT METER SETTING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.25 6.00 | | | | | | | | | | | | | |
| | 0.25 | 0.25 | N/A | 0.2499377 | N/A | 0.02% | 0.240 | 0.260 | 2 | 0.005 | N/A | | * |
| | 0.5 | 0.50 | N/A | 0.4991866 | N/A | 0.16% | 0.485 | 0.515 | 2 | 0.005 | N/A | | * |
| | 2 | 2.00 | N/A | 1.994792 | N/A | 0.26% | 1.955 | 2.045 | 2 | 0.005 | N/A | | * |
| | 4 | 4.00 | N/A | 3.992644 | N/A | 0.18% | 3.915 | 4.085 | 2 | 0.005 | N/A | | * |
| | 6 | 6.00 | N/A | 5.995689 | N/A | 0.07% | 5.875 | 6.125 | 2 | 0.005 | N/A | | * |



After Data Only



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
Under the Result column a checked box indicate Out of Tolerance Limits
Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

Table with columns: MODE, TESTED SETTING, Target Value, Before, After, Rdg error %, Lower Limit, Upper Limit, UUT SPECS, Measurement uncertainty, TUR

Main test data table with multiple sections: Leakage Current Metering AC (mA) @60hz, Leakage Current Metering DC (uA), Real Current Metering AC (mA) @60hz, Insulation Resistance (MegaOhm), Run Test Volt Meter (V) @60hz



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm (A) | Measurement uncertainty | TUR | |
|--|--------------|-------------------|------------------|------------------|-------------|-------------|-------------|-----------------------------|-------------------------|-----|---------|
| | | | | Before | After | | | | | | |
| Touch Current (µA) MD:1(A) (UL544NP) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 19.4 | N/A | 19.4398 | N/A | 0.20% | 18.714 | 20.086 | 2 | 0.3 | 4.3 nA |
| 636 AC+DC @100mV | 180 | 188.6 | N/A | 189.9965 | N/A | 0.74% | 184.550 | 192.651 | 2 | 0.3 | 43 nA |
| 636 AC+DC @1V | 5800 | 4048 | N/A | 4043.702 | N/A | 0.11% | 3964.285 | 4131.715 | 2 | 3 | 0.49 µA |
| Touch Current (µA) MD:2(B) (UL544P) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 28.3 | N/A | 28.7195 | N/A | 1.46% | 27.437 | 29.163 | 2 | 0.3 | 5.4 nA |
| 636 AC+DC @100mV | 180 | 275.7 | N/A | 280.6744 | N/A | 1.77% | 269.913 | 281.487 | 2 | 0.3 | 54 nA |
| 636 AC+DC @1V | 5800 | 5925 | N/A | 5979.058 | N/A | 0.90% | 5803.860 | 6046.140 | 2 | 3 | 0.72 µA |
| Touch Current (µA) MD:3(C) (IEC60601-1) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 28.5 | N/A | 28.7146 | N/A | 0.75% | 27.633 | 29.367 | 2 | 0.3 | 5.4 nA |
| 636 AC+DC @100mV | 180 | 277.0 | N/A | 280.5988 | N/A | 1.28% | 271.187 | 282.813 | 2 | 0.3 | 54 nA |
| 636 AC+DC @1V | 5800 | 5948 | N/A | 5978.062 | N/A | 0.50% | 5826.400 | 6069.600 | 2 | 3 | 0.72 µA |
| Touch Current (µA) MD:4(D) (UL1563) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 54.5 | N/A | 54.7229 | N/A | 0.41% | 53.114 | 55.886 | 2 | 0.3 | 9 nA |
| 636 AC+DC @100mV | 180 | 531.3 | N/A | 534.7043 | N/A | 0.64% | 520.416 | 542.184 | 2 | 0.3 | 84 nA |
| 636 AC+DC @1V | 5800 | 9890 | N/A | 9880.6 | N/A | 0.10% | 9689.800 | 10090.200 | 2 | 3 | 1.2 µA |
| Touch Current (µA) MD:5(E) (IEC60990_U2) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 14.7 | N/A | 14.6563 | N/A | 0.30% | 14.108 | 15.292 | 2 | 0.3 | 3.8 nA |
| 636 AC+DC @100mV | 180 | 143.3 | N/A | 143.2287 | N/A | 0.05% | 140.153 | 146.448 | 2 | 0.3 | 37 nA |
| 636 AC+DC @1V | 5800 | 3078 | N/A | 3046.79 | N/A | 1.02% | 3013.625 | 3142.375 | 2 | 3 | 0.37 µA |
| Touch Current (µA) MD:6(H) (IEC60990_U3) DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 14.7 | N/A | 14.6557 | N/A | 0.30% | 14.108 | 15.292 | 2 | 0.3 | 3.8 nA |
| 636 AC+DC @100mV | 180 | 143.5 | N/A | 143.2251 | N/A | 0.19% | 140.348 | 146.652 | 2 | 0.3 | 37 nA |
| 636 AC+DC @1V | 5800 | 3081 | N/A | 3046.885 | N/A | 1.12% | 3016.565 | 3145.435 | 2 | 3 | 0.37 µA |
| Touch Current (µA) MD:1 (IEC60990_U1) @ DC+AC @60hz 18.00 5800.00 | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 636 AC+DC @10mV | 18 | 14.7 | N/A | 14.6553 | N/A | 0.31% | 14.108 | 15.292 | 2 | 0.3 | 3.8 nA |
| 636 AC+DC @100mV | 180 | 143.5 | N/A | 143.2296 | N/A | 0.19% | 140.348 | 146.652 | 2 | 0.3 | 37 nA |
| 636 AC+DC @1V | 5800 | 3088 | N/A | 3047.349 | N/A | 1.33% | 3023.425 | 3152.575 | 2 | 3 | 0.37 µA |



Instrument Identification

Company: OBJECT CONTROLS NC

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm (A) | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|-----------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Earth Leakage (µA) MD:1(A) (UL544NP) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
|---|---------|-------------------|------------------|------------------|-------------|-----------|------------------------------|
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 11.9 | N/A | 12.08 | N/A 1.49% | 11.407 12.393 2 0.3 90 nA |
| 596 | | 100 | 79.4 | N/A | 79.88 | N/A 0.60% | 77.727 81.073 2 0.3 0.43 µA |
| 596 | | 200 | 195.4 | N/A | 195.84 | N/A 0.22% | 191.692 199.108 2 0.3 1 µA |
| 596 | | 1800 | 1476 | N/A | 1482.2 | N/A 0.42% | 1447.480 1504.520 2 3 8 µA |
| 596 | | 5800 | 5255 | N/A | 5266 | N/A 0.21% | 5161.400 5348.600 2 3 29 µA |
| 596 | | 12000 | 8311 | N/A | 8341 | N/A 0.36% | 8137.280 8484.720 2 30 45 µA |
| Earth Leakage (µA) MD:2(B) (UL544P) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 12.0 | N/A | 12.36 | N/A 2.91% | 11.506 12.494 2 0.3 92 nA |
| 596 | | 100 | 79.8 | N/A | 79.91 | N/A 0.14% | 78.119 81.481 2 0.3 0.43 µA |
| 596 | | 200 | 196.5 | N/A | 196.8 | N/A 0.15% | 192.770 200.230 2 0.3 1 µA |
| 596 | | 1800 | 1487 | N/A | 1489.4 | N/A 0.16% | 1458.260 1515.740 2 3 8 µA |
| 596 | | 5800 | 5490 | N/A | 5499 | N/A 0.16% | 5392.200 5587.800 2 3 30 µA |
| 596 | | 12000 | 8700 | N/A | 8709 | N/A 0.10% | 8519.500 8880.500 2 30 47 µA |
| Earth Leakage (µA) MD:3(C) (IEC60601-1) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 11.9 | N/A | 12.01 | N/A 0.92% | 11.407 12.393 2 0.3 90 nA |
| 596 | | 100 | 79.6 | N/A | 79.93 | N/A 0.41% | 77.923 81.277 2 0.3 0.43 µA |
| 596 | | 200 | 196.4 | N/A | 196.81 | N/A 0.21% | 192.672 200.128 2 0.3 1 µA |
| 596 | | 1800 | 1488 | N/A | 1489.4 | N/A 0.09% | 1459.240 1516.760 2 3 8 µA |
| 596 | | 5800 | 5492 | N/A | 5500 | N/A 0.15% | 5394.160 5589.840 2 3 30 µA |
| 596 | | 12000 | 8640 | N/A | 8712 | N/A 0.83% | 8460.700 8819.300 2 30 47 µA |
| Earth Leakage (µA) MD:4(D) (UL1563) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 11.9 | N/A | 11.59 | N/A 2.67% | 11.406 12.394 2 0.3 88 nA |
| 596 | | 100 | 79.6 | N/A | 79.94 | N/A 0.43% | 77.923 81.277 2 0.3 0.43 µA |
| 596 | | 200 | 197.3 | N/A | 197.76 | N/A 0.23% | 193.554 201.046 2 0.3 1 µA |
| 596 | | 1800 | 1491 | N/A | 1497 | N/A 0.40% | 1462.180 1519.820 2 3 8 µA |
| 596 | | 5800 | 5743 | N/A | 5768 | N/A 0.43% | 5641.140 5844.860 2 3 32 µA |
| 596 | | 12000 | 9100 | N/A | 9136 | N/A 0.39% | 8912.500 9287.500 2 30 49 µA |



After Data Only



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm (n) | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|-----------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Earth Leakage (µA) MD:5(E) (IEC60990_U2) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
|---|---------|----------------------|---------------------|---------------------|-------------|-----------|-------------------------------|
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 11.9 | N/A | 12.01 | N/A 0.92% | 11.407 12.393 2 0.3 90 nA |
| 596 | | 100 | 79.4 | N/A | 79.88 | N/A 0.60% | 77.727 81.073 2 0.3 0.43 µA |
| 596 | | 200 | 194.3 | N/A | 194.95 | N/A 0.33% | 190.614 197.986 2 0.3 1 µA |
| 596 | | 1800 | 1469 | N/A | 1475.3 | N/A 0.43% | 1440.620 1497.380 2 3 8 µA |
| 596 | | 5800 | 5031 | N/A | 5052 | N/A 0.42% | 4941.380 5120.620 2 3 28 µA |
| 596 | | 12000 | 7979 | N/A | 8003 | N/A 0.30% | 7810.920 8147.080 2 30 43 µA |
| Earth Leakage (µA) MD:6(H) (IEC60990_U3) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 10.00 12000.00 | | | | | | | |
| 650 | AC Only | 10 | 11.9 | N/A | 11.66 | N/A 2.06% | 11.406 12.394 2 0.3 88 nA |
| 596 | | 100 | 79.7 | N/A | 79.73 | N/A 0.04% | 78.021 81.379 2 0.3 0.43 µA |
| 596 | | 200 | 194.8 | N/A | 194.93 | N/A 0.07% | 191.104 198.496 2 0.3 1 µA |
| 596 | | 1800 | 1473 | N/A | 1475.3 | N/A 0.16% | 1444.540 1501.460 2 3 8 µA |
| 596 | | 5800 | 5044 | N/A | 5052 | N/A 0.16% | 4954.120 5133.880 2 3 28 µA |
| 596 | | 12000 | 7987 | N/A | 8001 | N/A 0.17% | 7818.760 8155.240 2 30 43 µA |
| Earth Leakage (µA) MD:1 (IEC60990_U1) @60hz | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 200.00 12000.00 | | | | | | | |
| 596 | | 200 | 196.2 | N/A | 194.9 | N/A 0.67% | 192.476 199.924 2 0.3 1 µA |
| 596 | | 1800 | 1475 | N/A | 1475.3 | N/A 0.02% | 1446.500 1503.500 2 3 8 µA |
| 596 | | 5800 | 5049 | N/A | 5053 | N/A 0.08% | 4959.020 5138.980 2 3 28 µA |
| 596 | | 12000 | 8005 | N/A | 8002 | N/A 0.04% | 7836.400 8173.600 2 30 43 µA |
| Touch Current (µA) MD:1ko (FRQ. Check) | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | |
| 18.00 5800.00 | | | | | | | |
| 636 | @1Mghz | 18 | 22.3 | N/A | 21.409 | N/A 4.16% | 21.310 23.290 5 0 0.25 µA |
| 636 | @200khz | 18 | 20.5 | N/A | 20.5764 | N/A 0.37% | 19.508 21.492 5 0 66 nA |
| 636 | @50hz | 18 | 20.4 | N/A | 20.3866 | N/A 0.07% | 19.694 21.106 2 0.3 4.4 nA |
| 636 | @9khz | 18 | 14.4 | N/A | 14.8363 | N/A 2.94% | 13.814 14.985 2 0.3 5 nA |
| 636 | @1Mghz | 180 | 210.6 | N/A | 206.631 | N/A 1.92% | 201.270 219.930 5 0 2.4 µA |
| 636 | @200khz | 180 | 196.8 | N/A | 198.14 | N/A 0.68% | 187.325 206.275 5 0 0.73 µA |
| 636 | @50hz | 180 | 196.0 | N/A | 196.2457 | N/A 0.13% | 191.802 200.198 2 0.3 44 nA |
| 636 | @9khz | 180 | 196.5 | N/A | 196.0073 | N/A 0.25% | 192.299 200.701 2 0.3 59 nA |
| 636 | @1Mghz | 5800 | 6066 | N/A | 6008.512 | N/A 0.96% | 5796.200 6335.800 5 0 67 µA |
| 636 | @200khz | 5800 | 5674 | N/A | 5704.833 | N/A 0.54% | 5399.800 5948.200 5 0 19 µA |
| 636 | @50hz | 5800 | 5660 | N/A | 5665.423 | N/A 0.10% | 5544.140 5775.860 2 3 0.68 µA |
| 636 | @9khz | 5800 | 5685 | N/A | 5671.62 | N/A 0.24% | 5568.850 5801.150 2 3 1.1 µA |



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm (A) | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|--------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Touch Current (μ A) MD:1(A) (UL544NP) DC 18.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
|---|-------------------|------------------|------------------|-------------|-------|----------|-----------|---|-----|---------|--|
| 636 DC Only 18 | 12.5 | N/A | 12.4536 | N/A | 0.37% | 11.950 | 13.050 | 2 | 0.3 | 0.25 nA | |
| 636 180 | 93.8 | N/A | 93.4308 | N/A | 0.40% | 91.624 | 95.976 | 2 | 0.3 | 0.93 nA | |
| 636 5800 | 2399 | N/A | 2389.216 | N/A | 0.41% | 2348.032 | 2449.968 | 2 | 3 | 24 nA | |
| 636 18000 | 6494 | N/A | 6473.141 | N/A | 0.32% | 6169.332 | 6818.668 | 5 | 0 | 65 nA | |
| Touch Current (μ A) MD:2(B) (UL544P) DC 18.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
| 636 DC Only 18 | 18.3 | N/A | 18.5786 | N/A | 1.50% | 17.634 | 18.966 | 2 | 0.3 | 0.37 nA | |
| 636 180 | 137.3 | N/A | 139.3593 | N/A | 1.48% | 134.255 | 140.345 | 2 | 0.3 | 1.4 nA | |
| 636 5800 | 2921 | N/A | 2968.612 | N/A | 1.60% | 2859.595 | 2982.405 | 2 | 3 | 30 nA | |
| 636 18000 | 9510 | N/A | 9668.033 | N/A | 1.63% | 9034.549 | 9985.452 | 5 | 0 | 97 nA | |
| Touch Current (μ A) MD:3(C) (IEC60601-1) DC 18.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
| 636 DC Only 18 | 18.4 | N/A | 18.6254 | N/A | 1.21% | 17.732 | 19.068 | 2 | 0.3 | 0.37 nA | |
| 636 180 | 137.9 | N/A | 139.2927 | N/A | 1.00% | 134.843 | 140.957 | 2 | 0.3 | 1.4 nA | |
| 636 5800 | 2938 | N/A | 2967.672 | N/A | 1.00% | 2876.255 | 2999.745 | 2 | 3 | 30 nA | |
| 636 18000 | 9490 | N/A | 9665.378 | N/A | 1.81% | 9015.549 | 9964.452 | 5 | 0 | 97 nA | |
| Touch Current (μ A) MD:4(D) (UL1563) DC 30.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
| 636 30 | 35.4 | N/A | 35.3421 | N/A | 0.16% | 34.392 | 36.408 | 2 | 0.3 | 0.71 nA | |
| 636 300 | 377.1 | N/A | 376.6928 | N/A | 0.11% | 369.260 | 384.940 | 2 | 0.3 | 3.8 nA | |
| 636 1100 | 1132 | N/A | 1131.843 | N/A | 0.01% | 1106.366 | 1157.635 | 2 | 3 | 11 nA | |
| 636 8000 | 7517 | N/A | 7509.826 | N/A | 0.10% | 7363.698 | 7670.303 | 2 | 3 | 75 nA | |
| 636 18000 | 9740 | N/A | 9727.107 | N/A | 0.13% | 9253.049 | 10226.952 | 5 | 0 | 97 nA | |
| Touch Current (μ A) MD:5(E) (IEC60990_U2) DC 18.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
| 636 DC Only 18 | 9.5 | N/A | 9.6133 | N/A | 1.18% | 9.010 | 9.990 | 2 | 0.3 | 0.19 nA | |
| 636 180 | 101.6 | N/A | 102.8605 | N/A | 1.23% | 99.268 | 103.931 | 2 | 0.3 | 1 nA | |
| 636 5800 | 1516 | N/A | 1535.868 | N/A | 1.29% | 1482.688 | 1549.313 | 2 | 3 | 15 nA | |
| 636 18000 | 4931 | N/A | 4995.955 | N/A | 1.30% | 4684.475 | 5177.525 | 5 | 0 | 50 nA | |
| Touch Current (μ A) MD:6(H) (IEC60990_U3) DC 18.00 18000.00 | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | | |
| 636 DC Only 18 | 9.5 | N/A | 9.6538 | N/A | 1.59% | 9.010 | 9.990 | 2 | 0.3 | 0.19 nA | |
| 636 180 | 101.6 | N/A | 102.8566 | N/A | 1.22% | 99.268 | 103.931 | 2 | 0.3 | 1 nA | |
| 636 5800 | 1516 | N/A | 1535.906 | N/A | 1.30% | 1482.688 | 1549.313 | 2 | 3 | 15 nA | |



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg | Measurement uncertainty | TUR | |
|--|--------------|---------------------------|--------------------------|--------------------------|--------------------|-------------|-------------|----------------|-------------------------|-----|---------|
| | | | | Before | After | | | | | | |
| TESTED SETTING | | | | | | | | | | | |
| Touch Current (µA) MD:1 (IEC60990_U1) @ DC | | UUT METER RMS RDG | STANDARD RMS RDG | STANDARD RMS RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only | 18 | 9.5 | N/A | 9.6382 | N/A | 1.43% | 9.010 | 9.990 | 2 | 0.3 | 0.19 nA |
| 636 | 180 | 101.5 | N/A | 102.8647 | N/A | 1.33% | 99.170 | 103.830 | 2 | 0.3 | 1 nA |
| 636 | 5800 | 1516 | N/A | 1535.862 | N/A | 1.29% | 1482.688 | 1549.313 | 2 | 3 | 15 nA |
| 636 | 18000 | 4930 | N/A | 4995.948 | N/A | 1.32% | 4683.525 | 5176.475 | 5 | 0 | 50 nA |
| Peak Display T.C (µA) MD:1(A) (UL544NP) DC+AC @60hz | | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 12.5 | N/A | 12.4352 | N/A | 0.52% | 10.252 | 14.748 | 2 | 2 | 3.5 nA |
| 636 AC Only | 180 | 19.7 | N/A | 19.5385 | N/A | 0.83% | 15.732 | 23.668 | 10 | 2 | 4.3 nA |
| 636 | 5800 | 5481 | N/A | 5422.604 | N/A | 1.08% | 4931.225 | 6030.775 | 10 | 2 | 0.65 µA |
| 636 DC Only @10V | 18000 | 6462 | N/A | 6472.913 | N/A | 0.17% | 6330.150 | 6593.850 | 2 | 3 | 0.78 µA |
| Peak Display T.C (µA) MD:2(B) (UL544P) DC+AC @60hz | | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 18.2 | N/A | 18.3645 | N/A | 0.90% | 15.838 | 20.562 | 2 | 2 | 4.2 nA |
| 636 AC Only | 180 | 28.8 | N/A | 28.8751 | N/A | 0.26% | 23.923 | 33.677 | 10 | 2 | 5.5 nA |
| 636 | 5800 | 8022 | N/A | 8019.882 | N/A | 0.03% | 7218.280 | 8825.720 | 10 | 2 | 0.96 µA |
| 636 DC Only @10V | 18000 | 9460 | N/A | 9572.285 | N/A | 1.17% | 9268.350 | 9651.650 | 2 | 3 | 1.1 µA |
| Peak Display T.C (µA) MD:3(C) (IEC60601-1) DC+AC @60hz | | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 18.3 | N/A | 18.3997 | N/A | 0.54% | 15.936 | 20.664 | 2 | 2 | 4.2 nA |
| 636 AC Only | 180 | 28.8 | N/A | 28.8732 | N/A | 0.25% | 23.923 | 33.677 | 10 | 2 | 5.5 nA |
| 636 | 5800 | 8030 | N/A | 8017.053 | N/A | 0.16% | 7225.480 | 8834.520 | 10 | 2 | 0.96 µA |
| 636 DC Only @10V | 18000 | 9440 | N/A | 9569.932 | N/A | 1.36% | 9248.750 | 9631.250 | 2 | 3 | 1.1 µA |
| Peak Display T.C (µA) MD:4(D) (UL1563) DC+AC @60hz | | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 35.1 | N/A | 35.2185 | N/A | 0.34% | 32.401 | 37.799 | 2 | 2 | 6.2 nA |
| 636 AC Only | 180 | 55.4 | N/A | 54.9848 | N/A | 0.76% | 47.865 | 62.936 | 10 | 2 | 9 nA |
| 636 | 5800 | 9720 | N/A | 9605.45 | N/A | 1.19% | 8746.600 | 10693.400 | 10 | 2 | 1.2 µA |
| 636 DC Only @10V | 18000 | 9610 | N/A | 9565.714 | N/A | 0.46% | 9415.350 | 9804.650 | 2 | 3 | 1.1 µA |
| Peak Display T.C (µA) MD:5(E) (IEC60990_U2) DC+AC @60hz | | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | |
| 18.00 18000.00 | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 9.5 | N/A | 9.4256 | N/A | 0.79% | 7.312 | 11.688 | 2 | 2 | 3.1 nA |
| 636 AC Only | 180 | 14.8 | N/A | 14.7294 | N/A | 0.48% | 11.322 | 18.278 | 10 | 2 | 3.8 nA |
| 636 | 5800 | 4169 | N/A | 4086.469 | N/A | 2.02% | 3750.345 | 4587.655 | 10 | 2 | 0.49 µA |
| 636 DC Only @10V | 18000 | 4927 | N/A | 4897.945 | N/A | 0.59% | 4825.755 | 5028.245 | 2 | 3 | 0.59 µA |



Instrument Identification

Company: SAMPLE

Temperature: (72 +/- 5) DEG F

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Humidity: (30 +/- 20) %

Model: 08206

Serial: 123456

OPTIONS: ',03,05,06Ver:3.07.00

Legend description:

Under the Result column a blank box indicate Within Tolerance Limits
 Under the Result column a checked box indicate Out of Tolerance Limits
 Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a " * " in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE TESTED SETTING | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg \pm (A) | Measurement uncertainty | TUR |
|------------------------|--------------|--------|-------|-------------|-------|-------------|-------------|-----------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |

| Peak Display T.C (µA) MD:6(H) (IEC60990_U3) DC+AC @60hz | UUT METER PEAK RDG | STANDARD PEAK RDG | STANDARD PEAK RDG | Test Result | | | | | | | | |
|--|-----------------------|----------------------|----------------------|-------------|-----|-------|----------|----------|-----|-------|---------|------|
| 18.00 18000.00 | | | | | | | | | | | | |
| 636 DC Only @10mV | 18 | 9.5 | N/A | 9.4129 | N/A | 0.93% | 7.312 | 11.688 | 2 | 2 | 3.1 nA | |
| 636 AC Only | 180 | 14.8 | N/A | 14.7351 | N/A | 0.44% | 11.322 | 18.278 | 10 | 2 | 3.8 nA | |
| 636 | 5800 | 4178 | N/A | 4086.704 | N/A | 2.23% | 3758.445 | 4597.555 | 10 | 2 | 0.49 µA | |
| 636 DC Only @10V | 18000 | 4926 | N/A | 4898.165 | N/A | 0.57% | 4824.775 | 5027.225 | 2 | 3 | 0.59 µA | |
| Run Test Current Meter RMS (A) @60hz | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.50 9.00 | | | | | | | | | | | | |
| 603 | 0.5 | 0.96 | N/A | 0.96414 | N/A | 0.43% | 0.927 | 0.993 | 2 | 0.02 | 12 mA | 3.32 |
| 603 | 5 | 5.00 | N/A | 4.9917 | N/A | 0.17% | 4.895 | 5.105 | 2 | 0.02 | 30 mA | |
| 596 597 | 9 | 12.35 | N/A | 12.339 | N/A | 0.09% | 12.128 | 12.573 | 2 | 0.02 | 89 mA | 2.99 |
| Power Metering (W) | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 10.00 2500.00 | | | | | | | | | | | | |
| 603 | 10 | 14 | N/A | 14.148 | N/A | 1.05% | 10.370 | 17.630 | 5 | 3 | 0.14 W | |
| 603 | 110 | 104 | N/A | 102.35 | N/A | 1.61% | 96.300 | 111.700 | 5 | 3 | 1 W | |
| 603 @200v | 1400 | 1163 | N/A | 1157.4 | N/A | 0.48% | 1107.850 | 1218.150 | 5 | 3 | 12 W | |
| 603 @270v | 2500 | 2489 | N/A | 2478.1 | N/A | 0.44% | 2374.050 | 2603.950 | 5 | 3 | 25 W | |
| Power Factor Metering (W / VA) | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.25 1.00 | | | | | | | | | | | | |
| 603 | 0.25 | 0.445 | N/A | 0.43984 | N/A | 1.17% | 0.408 | 0.482 | 8 | 0.002 | 2 ‰ | |
| 603 | 0.7 | 0.663 | N/A | 0.65925 | N/A | 0.57% | 0.609 | 0.717 | 8 | 0.002 | 2 ‰ | |
| 603 | 1 | 1.000 | N/A | 0.99999 | N/A | 0.00% | 0.919 | 1.081 | 8 | 0.002 | 2 ‰ | |
| Run Test Leakage Current(mA) @60hz | UUT METER READING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 0.50 9.00 | | | | | | | | | | | | |
| 596 | 0.5 | 0.49 | N/A | 0.4918 | N/A | 0.37% | 0.462 | 0.518 | 2 | 0.02 | 2.8 µA | |
| 596 | 5 | 4.36 | N/A | 4.366 | N/A | 0.14% | 4.265 | 4.455 | 2 | 0.02 | 25 µA | |
| 596 | 9 | 8.07 | N/A | 8.075 | N/A | 0.06% | 7.910 | 8.230 | 2 | 0.02 | 43 µA | |
| Dwell Timer (S) | UUT METER SETTING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 1.00 60.00 | | | | | | | | | | | | |
| 476 ACW | 1 | 1.00 | N/A | 1.0001 | N/A | 0.01% | 0.957 | 1.043 | 0.1 | 0.05 | 16 ms | 3.19 |
| 476 ACW | 60 | 60.00 | N/A | 60 | N/A | 0.00% | 59.898 | 60.102 | 0.1 | 0.05 | 16 ms | |
| Ramp (S) | UUT METER SETTING | STANDARD READING | STANDARD READING | Test Result | | | | | | | | |
| 3.00 3.00 | | | | | | | | | | | | |
| 476 ACW | 3 | 3.00 | N/A | 3.0001 | N/A | 0.00% | 2.955 | 3.045 | 0.1 | 0.05 | 16 ms | 3.31 |



Instrument Identification

Company: SAMPLE

Address: 1234 SAMPLE ROAD, BIG CITY, IL. 60035

Model: 08206

Serial: **123456**

OPTIONS: ',03,05,06Ver:3.07.00

Temperature: (72 +/- 5) DEG F

Humidity: (30 +/- 20) %

Legend description:

- Under the Result column a blank box indicate Within Tolerance Limits
- Under the Result column a checked box indicate Out of Tolerance Limits
- Under the Result column Symbol @ indicate STD rdg overlap Tolerance Limits

Remarks: Testpoints marked with a "*" in the TUR column are not accredited or applicable

Before Data Result As Received : N/A, it is a New instrument.

| MODE | Target Value | Before | After | Rdg error % | | Lower Limit | Upper Limit | UUT SPECS %Rdg ±0 | Measurement uncertainty | TUR |
|----------------|--------------|--------|-------|-------------|-------|-------------|-------------|---------------------------------|-------------------------|-----|
| | | | | Before | After | | | | | |
| TESTED SETTING | | | | | | | | | | |

TestID:

~p[9680713] - 2/12/2018 7:44:35 AM-0725 }p[9680713] - 2/12/2018 9:11:32 AM-0975

Certified by: *[Signature]*
PS-975

Initial recording date: Monday, February 12, 2018

Printed on: 3/6/2018

