

TEST EQUIPMENT USED

Part 15.231, ANSI C63.4, RSS 210

This is a list of all test equipment used.

Note: Calibration Certificates are on following pages.

Test Equipment list for Honeywell OATS & Conducted Line

| EQUIPMENT: | MANUFACTURER: | MODEL: | CAL DATE: | CAL DUE DATE: |
|-------------------|----------------------|---------------|------------------|----------------------|
| Spectrum Analyzer | Rohde & Schwarz | FSU26 | 3/31/2016 | 3/31/2017 |
| Antenna ("Bilog") | Sunol Sciences Corp | JB6 | 02/17/2016 | 02/17/2017 |
| Antenna, Horn | Electro Metrics | 3127 | 2/1/2016 | 2/1/2017 |

If you need any additional information from Honeywell, please contact:

Andrew Roussin, Compliance Engineer

Phone (Direct): 516-577-5935

Email: andrew.roussin@honeywell.com



World Cal, Inc.

2012 High St., Elk Horn, IA 51531

Phone: (712) 764-2197 Fax: (712) 764-2195

info@world-cal.com www.libertycalibrationcorps.com



CERTIFICATE OF CALIBRATION: 160330-145403-ccf7c1



160330-145403-ccf7c1

CLIENT: Honeywell, 2 Corporate Center Drive, Suite 100, Melville, NY, 11747
MANUFACTURER: Rohde & Schwarz
EQUIPMENT TYPE: Spectrum Analyzer
MODEL NUMBER: FSU26
SERIAL NUMBER: 100303
ASSET NUMBER: 11496

Instrumentation Environment: TEMP: 23.43°C RH: 39.7%
Calibration Environment: TEMP: 23.43°C RH: 39.7% BAR. PRES.: 29.54 in

DATE OF CALIBRATION: 03/31/2016
CALIBRATION DUE DATE:
CALIBRATION CYCLE NOTES: Calibration Cycle is at client discretion.
CALIBRATION LOCATION: World Cal
CALIBRATION BY: Mark K. Langfield

EQUIPMENT STATUS

| | | | |
|-----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| Received in tolerance: | <input checked="" type="checkbox"/> | Returned in tolerance: | <input checked="" type="checkbox"/> |
| Received with limited cal.: | <input type="checkbox"/> | Returned with limited cal.: | <input type="checkbox"/> |
| Received out of tolerance: | <input type="checkbox"/> | Returned out of tolerance: | <input type="checkbox"/> |

| CALIBRATION STANDARD(S) | CALIBRATION METHOD(S) | CALIBRATION PROCEDURE(S) |
|-------------------------|----------------------------------|--------------------------|
| N/A | Manufacturer's Performance Tests | CP1432 |

NOTES:

Michael W. Howard

ENGINEER IN CHARGE
MICHAEL W. HOWARD
NARTE CERTIFIED EMC ENGINEER, NO. EM C-000102-NE

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All results of this calibration relate only to the item that was calibrated. The limits stated in the report correspond to the published specification of the equipment and/or standard, at the specified parameters.
MEASURED VALUES ARE REPORTED ON THE ATTACHED PAGES.



Liberty Labs, Inc.

1346 Yellowwood Road, Kimballton, IA 51543

Phone: (712) 773-2199 Fax: (712) 773-2299

info@liberty-labs.com www.libertycalibrationcorps.com



CERTIFICATE OF CALIBRATION: 160201-141441-48a6de



160201-141441-48a6de

CLIENT: Honeywell, 2 Corporate Center Drive, Suite 100, Melville, NY, 11747
MANUFACTURER: Sunol Sciences Corp.
EQUIPMENT TYPE: Bilog
MODEL NUMBER: JB6
SERIAL NUMBER: A012816
ASSET NUMBER: 116-007

Instrumentation Environment: **TEMP:** 21°C **RH:** 65%
Calibration Environment: **TEMP:** 0°C **RH:** 75% **BAR. PRES.:** 30.17 in

DATE OF CALIBRATION: 02/17/2016
CALIBRATION DUE DATE: 02/17/2017
CALIBRATION CYCLE NOTES: 1 year from calibration date. The applied calibration cycle has been requested by the customer. The relevant documentation has been received and is on file.
CALIBRATION LOCATION: Liberty Labs
CALIBRATION BY: Joe Otten

EQUIPMENT STATUS

| | | | |
|-----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| Received in tolerance: | <input checked="" type="checkbox"/> | Returned in tolerance: | <input checked="" type="checkbox"/> |
| Received with limited cal.: | <input type="checkbox"/> | Returned with limited cal.: | <input type="checkbox"/> |
| Received out of tolerance: | <input type="checkbox"/> | Returned out of tolerance: | <input type="checkbox"/> |

| CALIBRATION STANDARD(S) | CALIBRATION METHOD(S) | CALIBRATION PROCEDURE(S) |
|----------------------------------|-----------------------|--------------------------|
| ANSI C63.5 1998, ANSI C63.5 2006 | Standard Site | CP-3 |

NOTES: 10 Meter Horizontal data 30-1000MHz Calibrated to ANSI C63.5 2006. Reference page 6, under section 5.1 of this standard for Broadband Hybrid antenna.
Observed Pin Depth: -0.0023" from typical.
Antenna Symmetry data 30-200MHz and VSWR calibrated with clients supplied 4dB attenuator in compliance to ANSI C63.4-2014, reference Annex N.

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MICHAEL W. HOWARD
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CERTIFICATE OF CALIBRATION: 160128-081640-ac45fe



160128-081640-ac45fe

CLIENT: Honeywell, 2 Corporate Center Drive, Suite 100, Melville, NY, 11747
MANUFACTURER: Electro-Metrics
EQUIPMENT TYPE: Horn (Small)
MODEL NUMBER: RGA-60
SERIAL NUMBER: 3127
ASSET NUMBER: N/A

Instrumentation Environment: **TEMP:** 20°C **RH:** 36%
Calibration Environment: **TEMP:** 20°C **RH:** 36% **BAR. PRES.:** 29.99 in

DATE OF CALIBRATION: 02/01/2016
CALIBRATION DUE DATE:
CALIBRATION CYCLE NOTES: Calibration Cycle is at client discretion.
CALIBRATION LOCATION: Liberty Labs
CALIBRATION BY: Rodger Rasmussen

EQUIPMENT STATUS

| | | | |
|-----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| Received in tolerance: | <input checked="" type="checkbox"/> | Returned in tolerance: | <input checked="" type="checkbox"/> |
| Received with limited cal.: | <input type="checkbox"/> | Returned with limited cal.: | <input type="checkbox"/> |
| Received out of tolerance: | <input type="checkbox"/> | Returned out of tolerance: | <input type="checkbox"/> |

| CALIBRATION STANDARD(S) | CALIBRATION METHOD(S) | CALIBRATION PROCEDURE(S) |
|---|--------------------------------------|--------------------------|
| ANSI C63.5 2006, SAE ARP 958D, CISPR 16-1-4 | Standard Site Method, Standard Field | CP-5 |

NOTES: 3 meter data valid to 10 meters.

Michael W. Howard

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