



MICRO PRECISION CALIBRATION, INC.  
5909-B BRECKENRIDGE PARKWAY  
TAMPA FL 33610  
813-621-6495



### Certificate of Calibration

Date: Jul 6, 2016

Cert No. 22200812493659

**Customer:**

BRL TEST, INC.  
624 DOUGLAS AVENUE  
STE 1406  
ALTA MONTE SPRINGS FL 32714

Work Order #: FL-4008542  
Purchase Order #: P704609  
Serial Number: DSABA180300138  
Department: N/A  
Performed By: JASON BRUCK  
Received Condition: IN TOLERANCE  
Returned Condition: IN TOLERANCE  
Cal. Date: June 30, 2016  
Cal. Interval: 12 MONTHS  
Cal. Due Date: June 30, 2017

MPC Control #: DSABA180300138  
Asset ID: DSABA180300138  
Gage Type: SPECTRUM ANALYZER  
Manufacturer: RIGOL  
Model Number: DSA815  
Size: N/A  
Temp/RH: 73.0°F / 45.0%

**Calibration Notes:**

**Standards Used to Calibrate Equipment**

I.D.	Description	Model	Serial	Manufacturer	Cal. Due Date	Traceability #
FA3454	SIGNAL GENERATOR	8657B	000000	HEWLETT PACKARD	Sep 30, 2016	222008122675290
FA3455	SIGNAL GENERATOR	8657B	3630U09915	HEWLETT PACKARD	Apr 30, 2017	222008122660007
FA0029	2-WAY POWER SPLITTER	11667A	18833	HEWLETT PACKARD	Dec 31, 2016	222008122737468
FA3315	POWER SENSOR	8482A	1925A04131	HEWLETT PACKARD	Apr 30, 2017	22200812317536
FA3324	UNIVERSAL FREQUENCY COUNTER	53131A	MY40000960	AGILENT	Dec 15, 2016	222008122356130
FA3341	GPS TIME AND FREQUENCY REFERENCE	58503A	3716A01184	AGILENT	Dec 23, 2017	222008122364829
FA3434	MEASURING RECEIVER	8902A	2413A00449	HEWLETT PACKARD	Mar 31, 2017	222008122879486
FA3313	E-SERIES CW POWER SENSOR	E4412A	MY41503374	AGILENT	Dec 31, 2016	222008122785167
FA3312	EPM SERIES POWER METER	E4419B	MY40510958	AGILENT	Dec 23, 2016	222008122362710

Calibrating Technician:

*Jason Bruck*

QC Approval:

*Robert Pinter*

JASON BRUCK

Robert Pinter

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for normal distribution corresponds to a coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with SA1 Publication and NIST Technical Note 1297, 1994 Edition. Services rendered comply with ISO 17025:2005, ANSI/NCSL Z540-1, MPC Quality Manual, MPC CSD and with customer purchase order instructions.

Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. The information on this report pertains only to the instrument identified.

All standards are traceable to SI through the National Institute of Standards and Technology (NIST) or other recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. This report may not be reproduced in part or in a whole without the prior written approval of the issuing MPC lab.

*GB*