



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RF STANDARD
230 West Parkway, Unit 4-1
Pompton Plains, NJ 07444
Ovidiu Stan Phone: 970 231 1494

CALIBRATION

Valid until: June 30, 2020

Certificate Number: 4950.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1,3}:

I. Electrical – Microwave/RF

Parameter/Range	Frequency	CMC ^{2,4} (±)	Comments
RF Power – Measure (50 to 3000) W	250 kHz to 63.0 MHz	0.16 % of reading or 0.38 W, whichever is higher	RF calorimeter
RF Power – Measure (50 to 5000) W	250 kHz to 63.0 MHz	0.32 % of reading or 0.46 W, whichever is higher	RF transfer standard

¹ This laboratory offers commercial calibration services as well as field calibration services, where noted.

² Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

³ This scope meets A2LA's *P112 Flexible Scope Policy*.

⁴ The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.



Accredited Laboratory

A2LA has accredited

RF STANDARD

Pompton Plains, NJ

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system *(refer to joint ISO-ILAC-IAF Communiqué dated April 2017)*.



Presented this 16th day of August 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 4950.01
Valid to June 30, 2020

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.