



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Innerspec Technologies, Inc.
2940 Perrowville Road
Forest, VA 24551

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 05 September 2028

Certificate Number: AC-3306



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Innerspec Technologies, Inc.

2940 Perrowville Road

Forest, VA 24551

Jennifer Shahrokhi QualityLynchburg@Innerspec.com

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **31 August 2026**

Certificate Number: **AC-3306**

Certificate Expiry Date: **05 September 2028**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Ultrasonic Instrumentation – Receiver			
Bandwidth	Up to 5 V @ Up to 350 MHz	0.8 % of reading	
Gain			
Linearity			ISO 18563-1 Group 2
Variation			ISO 22232-1 Group 2
Channel Gain Linearity	3 dB Bandwidth		Tektronix MDO32
Vertical Display Linearity	Up to 6 GHz	0.68 dB	Keysight 33611A
Noise			R&S RSC 139.9 DB 6 GHz
Equivalent Input Noise	Up to 109 dBm/Hz	0.19 dBm/Hz	
Ultrasonic Instrumentation – Transmitter			
Voltage	(-300 to 300) V	14 V	ISO 18563-1 Group 2
Rise Time	1 mV/div to 10 V/div		ISO 22232-1 Group 2
	Up to 1.14 ns	1.4 ns	Tektronix MDO32
			Keysight 33611A
			R&S RSC 139.9 DB 6 GHz

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Ultrasonic Instrumentation – Receiver Frequency Response Low Cut-off High Cut-off Center Frequency	Up to 350 MHz	0.63 MHz	ISO 22232-1 Group 2 Keysight 33611A
Ultrasonic Instrumentation – Transmitter Duration	0.5 ns to 20 μ s	0.77 ns	ISO 18563-1 Group 2 ISO 22232-1 Group 2 Tektronix MDO32 Keysight 33611A R&S RSC 139.9 DB 6 GHz

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

- On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope



Jason Stine, Vice President