



**National Voluntary
Laboratory Accreditation Program**



CALIBRATION LABORATORIES

NVLAP LAB CODE 200762-0

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Boeing Test & Evaluation, Metrology Lab Operations 1420 S. Trenton St., Bldg. 15-30, MC 2R-40 Seattle, WA 98108-4848 Ms. Amy M. Olsen Phone: 206-544-2959 Fax: 206-544-4923 E-mail: amy.m.olsen@boeing.com URL: http://www.boeing.com/commercial/techsvcs/boeingtech	Fields(s) of Calibration Dimensional Electromagnetics – DC/Low Frequency Time and Frequency Mechanical Electromagnetics – RF/Microwave Thermodynamics
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CALIBRATION AND MEASUREMENT CAPABILITIES (CMC) ^{Notes 1,2}

Measured Parameter or Device Calibrated	Range	Uncertainty ($k=2$) ^{Notes 3,8}	Remarks
DIMENSIONAL			
ANGULAR (20/D01)	> 20" to 1000"	0.25"	Autocollimator



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CALIBRATION AND MEASUREMENT CAPABILITIES (CMC) ^{Notes 1,2}

Measured Parameter or Device Calibrated	Range	Uncertainty ($k=2$) ^{Note 3}	Remarks
	> 1 mΩ to 10 mΩ	0.60 μΩ/Ω	Using MI 6010 bridge w/ 6011 extender
	> 10 mΩ to 100 mΩ	0.44 μΩ/Ω	
	> 0.1 Ω to < 1 Ω	0.36 μΩ/Ω	Using MI 6010B bridge
	1 Ω	0.30 μΩ/Ω	
	> 1 Ω to 10 Ω	0.32 μΩ/Ω	
	> 10 Ω to 100 Ω	0.33 μΩ/Ω	
	> 100 Ω to 1 kΩ	0.35 μΩ/Ω	
	1 kΩ to 10 kΩ	0.37 μΩ/Ω	
	10 kΩ to 100 kΩ	1.1 μΩ/Ω	Using MI 6000A bridge
	100 kΩ to 1 MΩ	1.5 μΩ/Ω	
	1 MΩ to 10 MΩ	1.8 μΩ/Ω	