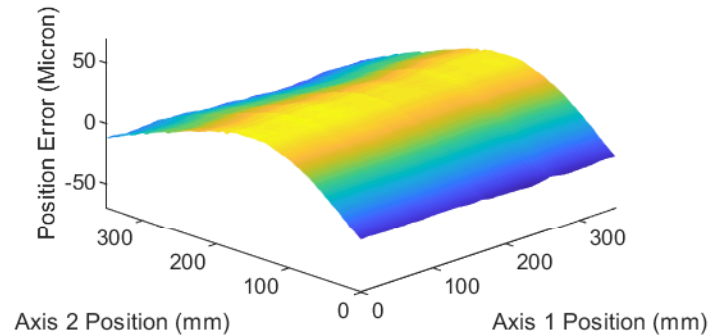
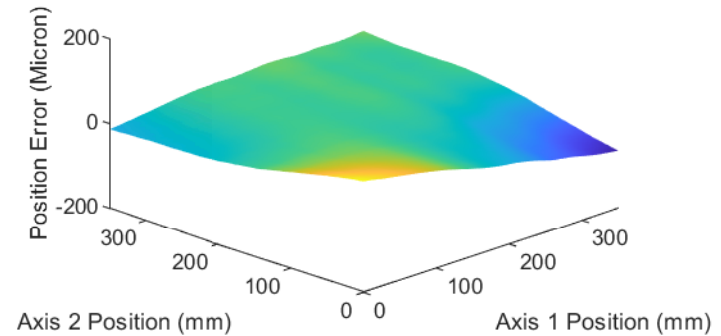




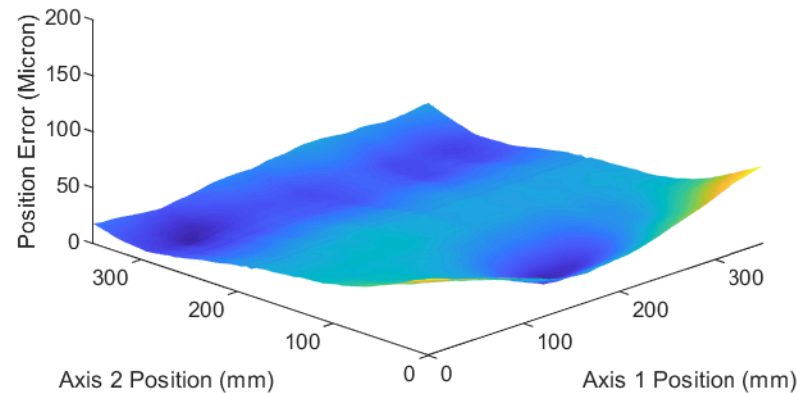
Axis 1 Direction Error



Axis 2 Direction Error



Vector Magnitude Error



Results

Axis 1 Direction Error: 57.773 Micron
Axis 2 Direction Error: 127.055 Micron
Vector Magnitude Error: 69.037 Micron
Axis 1 Avg Straightness Error: 10.893 Micron
Axis 2 Avg Straightness Error: 53.985 Micron
Orthogonality: -16.838 arcsec

Aerotech Inc., Proprietary and Confidential

Comments

Axis 1 System Serial Num: 643494-1-1-XWafer
Axis 1 Stage Serial Num: 518496-01
Axis 2 System Serial Num: 643494-1-1-YWafer
Axis 2 Stage Serial Num: 518497-01
Date Tested: August 1, 2025 09:27:17 EDT
Operator: bmowry
Laser Equipment ID: Renishaw 1 : Mirror 1
Optic Location: 25.4mm above TWafer tt
Payload: 1.4kg

Test Conditions

	Min	Max	Mean
Air Temp (°C)	21.12	21.18	21.15
Air Pres (mmHg)	740.01	740.01	740.01
Air Hum (%)	66.00	66.00	66.00
Mat Temp (°C)	21.31	21.32	21.31
CTE (PPM/°C):	7.50		
CountsPerUnit Parameter:	100000.000000		
Number of Runs:	1, Unidirectional		
Axis 1 Orientation:	Lower Axis		
Axis 2 Orientation:	Upper Axis		