



Calibration Report

Part Number :	DCL2-05-TCP
Description :	Dual Axis Closed Loop Inclinometer ±5°
Accuracy @ 20°C :	±0.0025
Serial Number :	63351
Date :	26/10/2017

Calibration Test - X Axis Readings in Degrees

Cal point	Angle	Error
-5.0000	-4.9989	0.0011
-4.5000	-4.4992	0.0008
-4.0000	-3.9995	0.0005
-3.5000	-3.4996	0.0004
-3.0000	-2.9999	0.0001
-2.5000	-2.5000	0.0000
-2.0000	-2.0001	-0.0001
-1.5000	-1.5001	-0.0001
-1.0000	-1.0001	-0.0001
-0.5000	-0.5000	0.0000
0.0000	0.0000	0.0000
0.5000	0.5001	0.0001
1.0000	1.0000	0.0000
1.5000	1.5000	0.0000
2.0000	2.0001	0.0001
2.5000	2.5002	0.0002
3.0000	3.0002	0.0002
3.5000	3.5004	0.0004
4.0000	4.0005	0.0005
4.5000	4.5005	0.0005
5.0000	5.0005	0.0005

X Axis: Maximum Cross Axis Deviation = 0.0001°

Test Voltage :	24Vdc
Measurement taken by :	Ashley Lloyd
Equipment Used :	IDACS
Signed :	



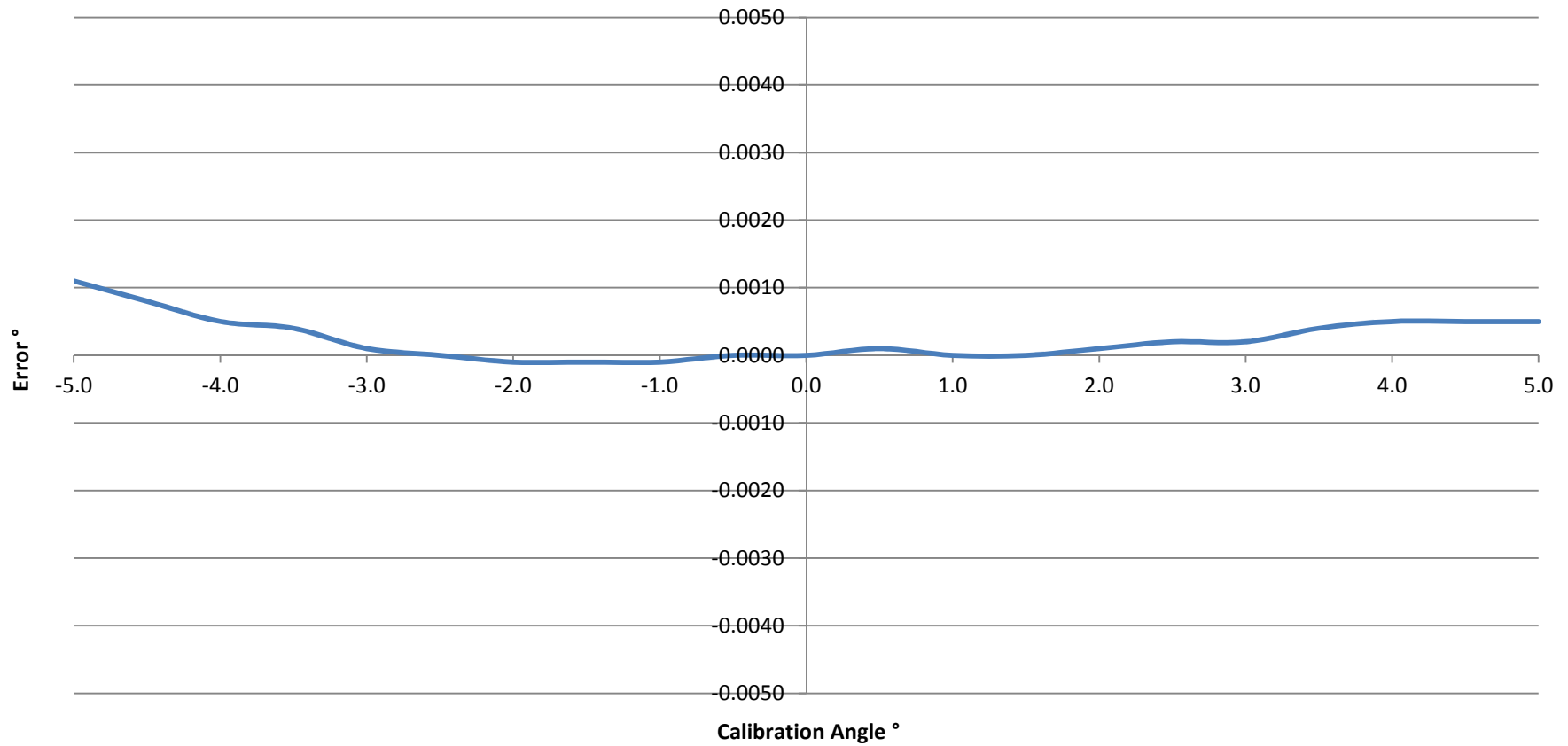
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63351 - X Axis: Error Over Measurement Range





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Calibration Test - Y Axis Readings in Degrees

Cal point	Angle	Error
-5.0000	-4.9995	0.0005
-4.5000	-4.5000	0.0000
-4.0000	-4.0001	-0.0001
-3.5000	-3.5002	-0.0002
-3.0000	-3.0002	-0.0002
-2.5000	-2.5002	-0.0002
-2.0000	-2.0002	-0.0002
-1.5000	-1.5001	-0.0001
-1.0000	-1.0001	-0.0001
-0.5000	-0.5002	-0.0002
0.0000	0.0000	0.0000
0.5000	0.5001	0.0001
1.0000	1.0002	0.0002
1.5000	1.5003	0.0003
2.0000	2.0004	0.0004
2.5000	2.5004	0.0004
3.0000	3.0006	0.0006
3.5000	3.5005	0.0005
4.0000	4.0006	0.0006
4.5000	4.5006	0.0006
5.0000	5.0006	0.0006

Y Axis: Maximum Cross Axis Deviation = 0.0001°

Test Voltage :	24Vdc
Measurement taken by :	Ashley Lloyd
Equipment Used :	IDACS
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63351 - Y Axis: Error Over Measurement Range

