

Actual points : * * *

Neg. Deviation : ————

Pos. Deviation : ————

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **23**

Part No. :

Department:

Element : **PLA_B**

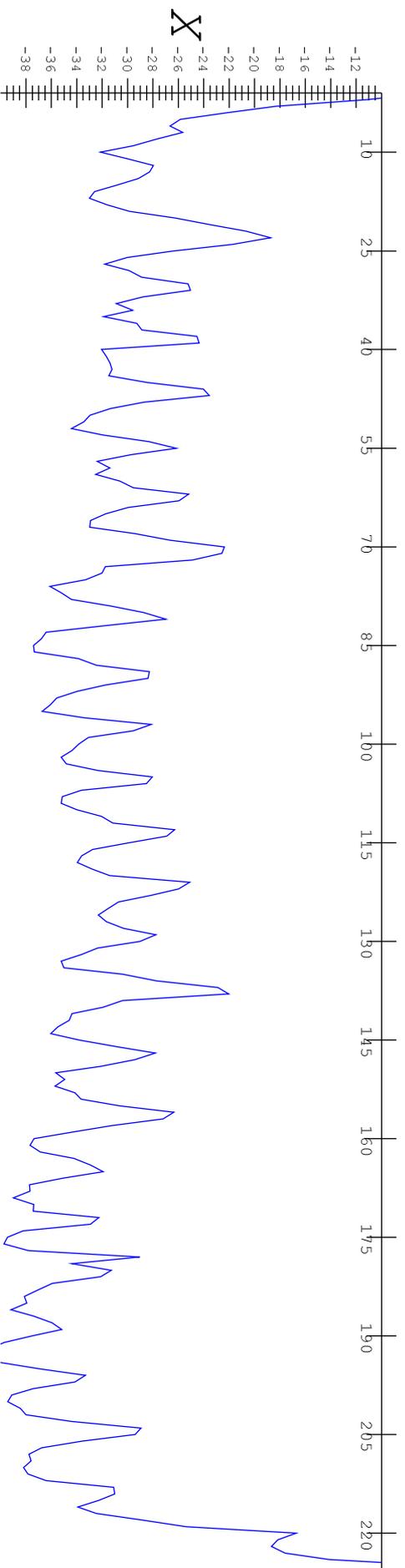
		X	Y	Z	No.	
Form	0.1415	Neg. Deviat.: -0.0693	115.4712	-92.5029	-3381.629	31
Error Magnif.:	3000	Pos. Deviat.: 0.0722	115.6277	96.9993	-681.7110	8
No. of points:	62					

MESSTECHNIK WETZLAR

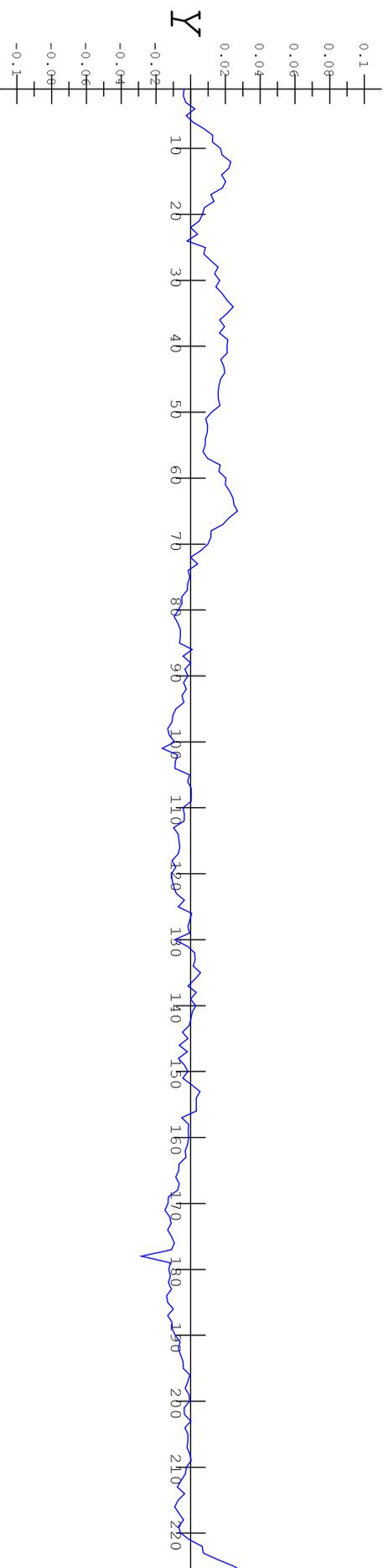


FLATNESS
ISO 1101

Inspector : **Quindos**
Date: **03-JUL-2008**
Time: **14:10:13**

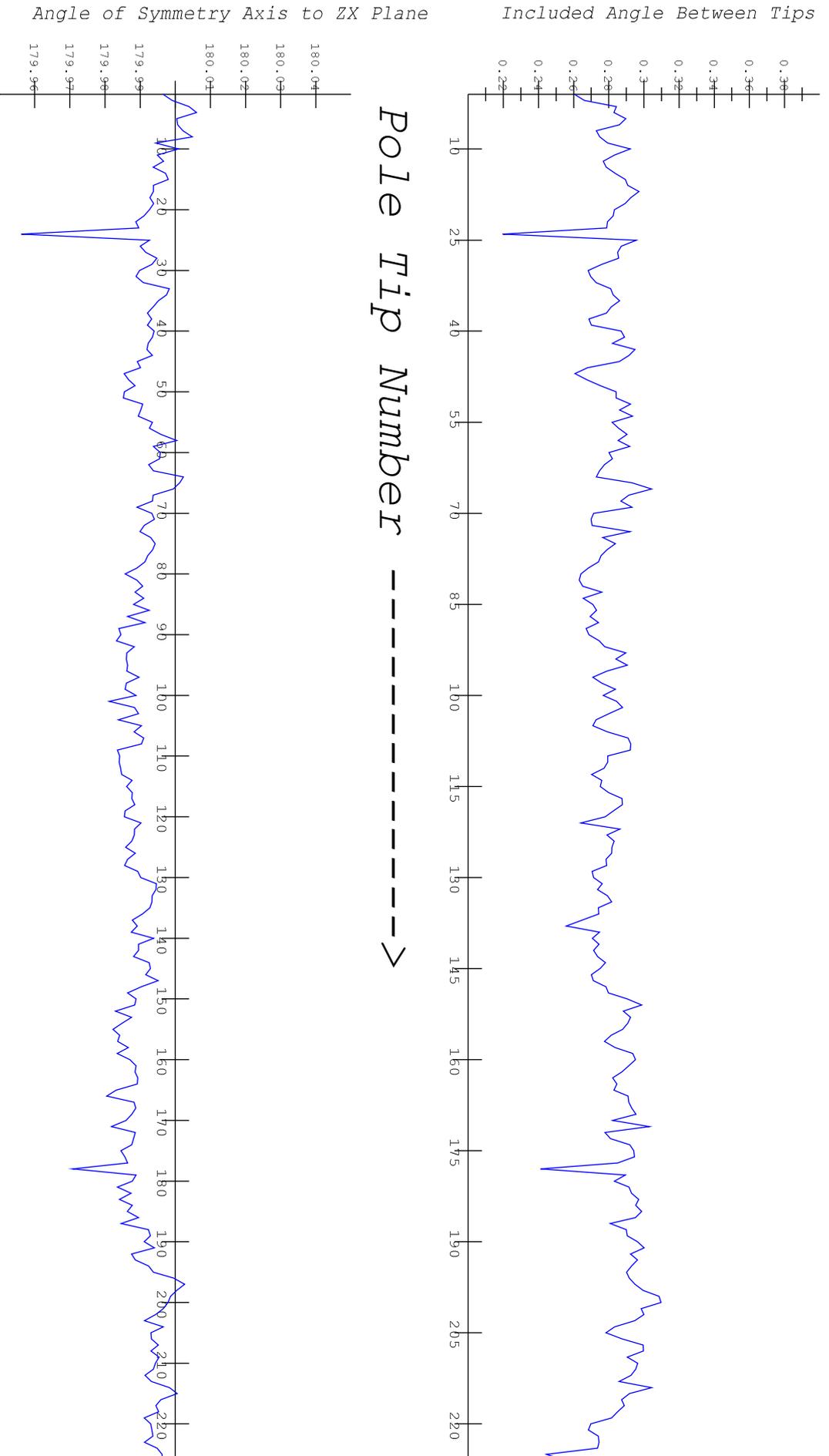


Pole Tip Number ----->



Offsets of Pole Tip Symmetry Point From Nominal Undulator center line
 Pole Tip Symmetry Point is the point where the symmetry axis between tips is bisected by the 6.8mm cross section

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Offsets Measured unrestrained</p>	<p>DATE: 03-JUL-2008 UNDUULATOR # 23</p>
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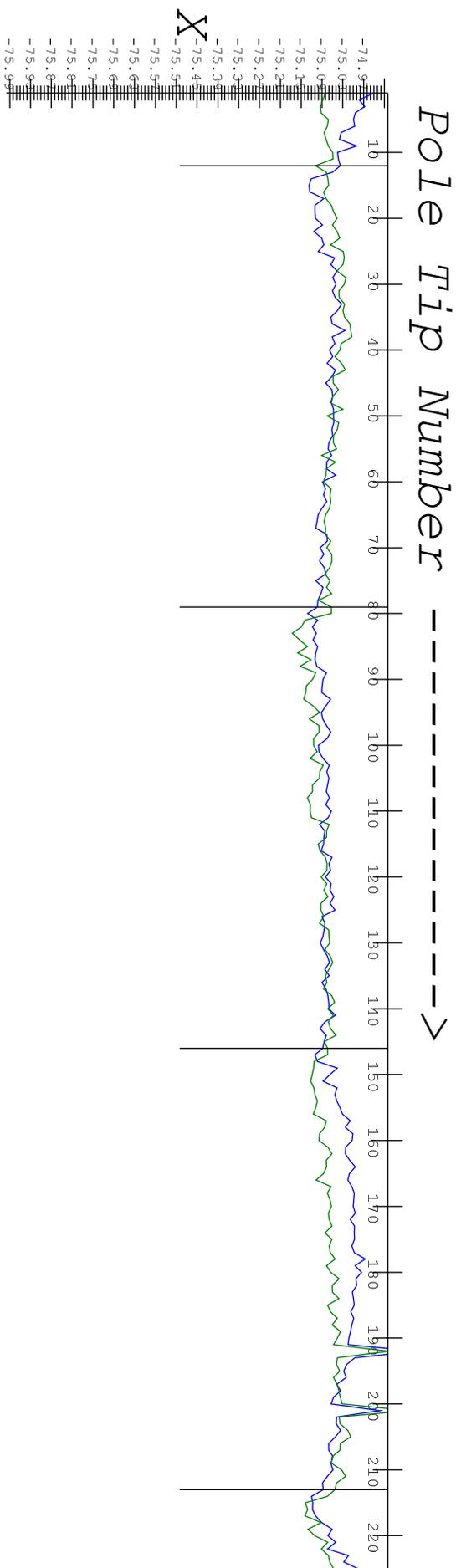


*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips*

SLAC
 LCLS-MMF
 LEITZ CMM

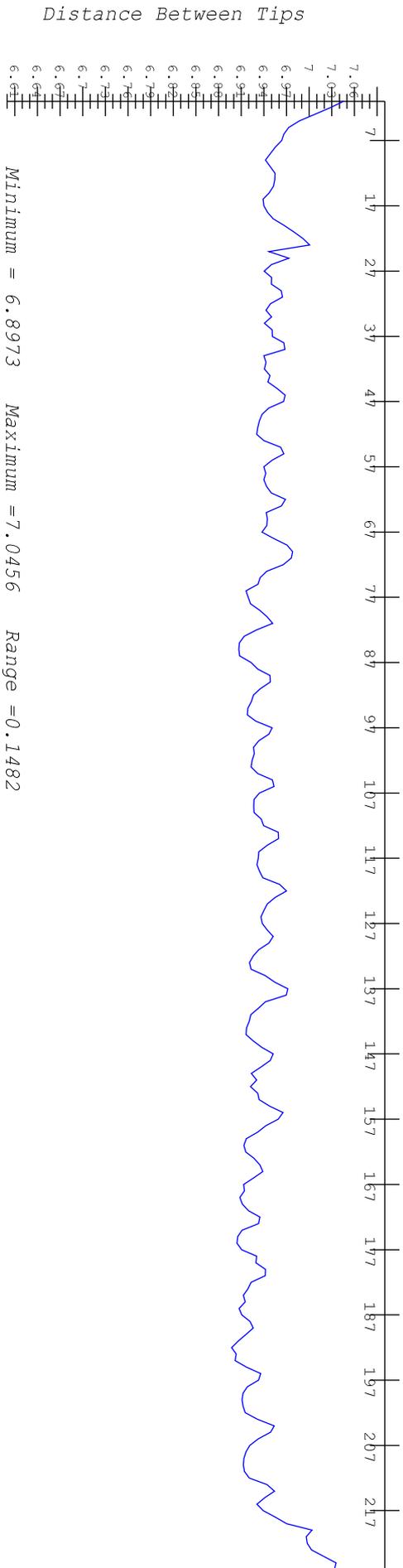
*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 03-JUL-2008
 UNDUULATOR #23

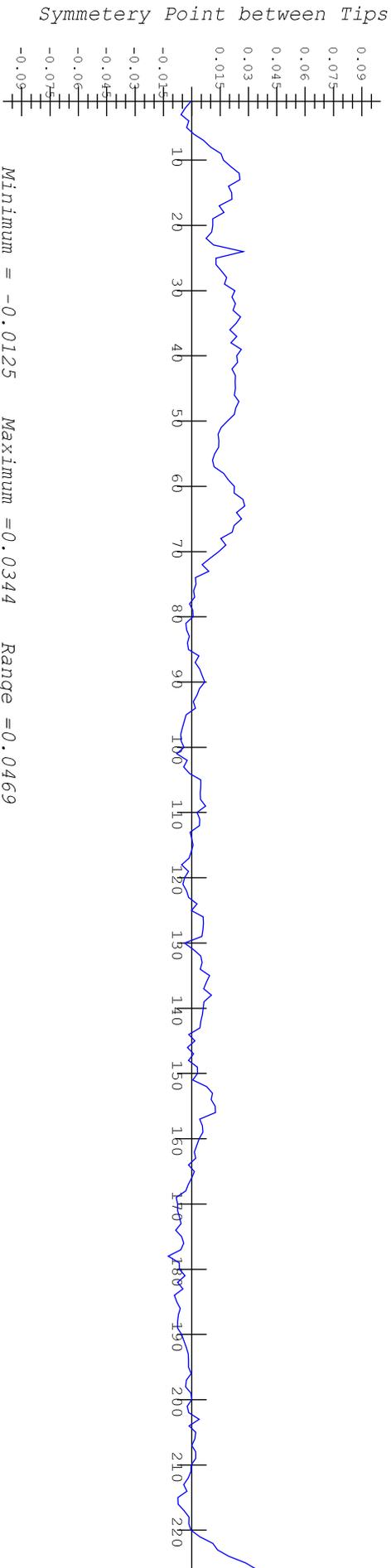


Green = Point on Front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on Front face of Lower Pole Tip 10mm below Nominal C/L

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 03-JUL-2008 UNDUULATOR # 23</p>
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Pole Tip Number ----->

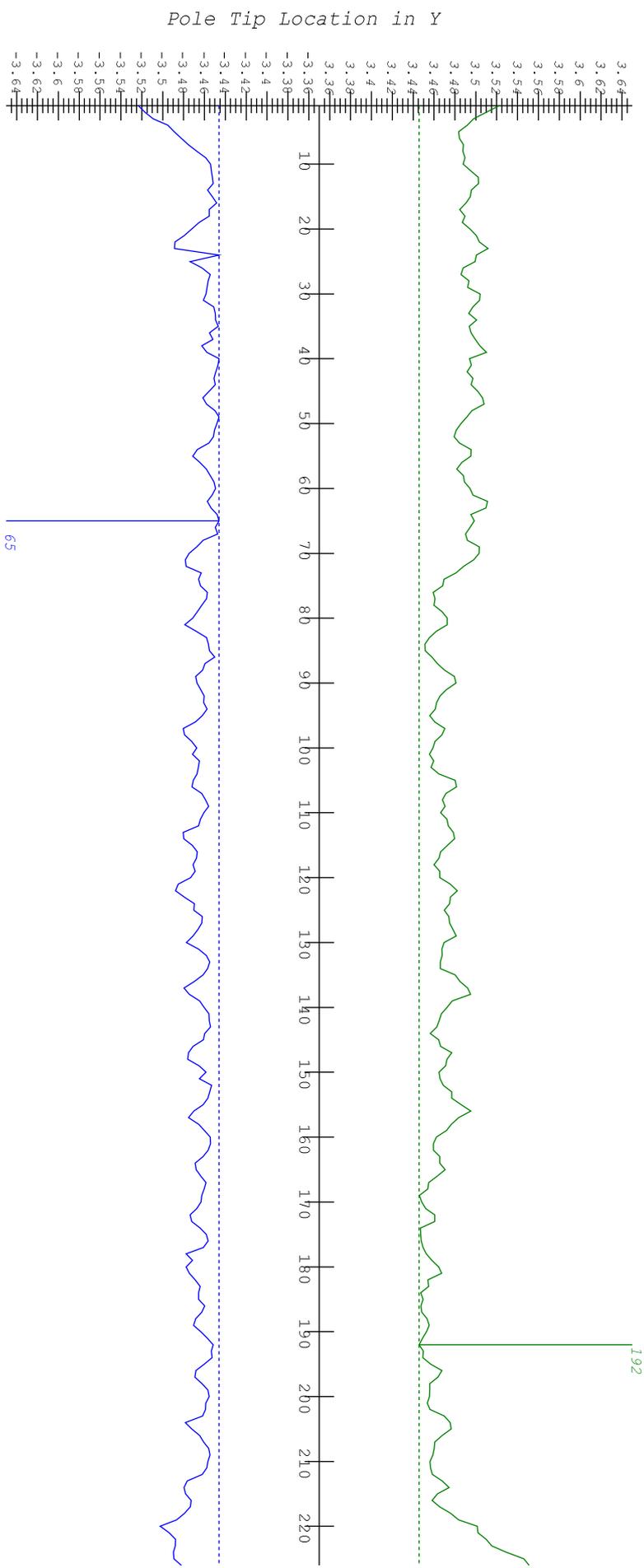


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 03-JUL-2008 UNDUULATOR #23</p>
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MINIMUM GAP = 6.8918

Minimum = 3.4458 Maximum = 3.5510 Range = 0.1053



Minimum = -3.5233 Maximum = -3.4460 Range = 0.0772

Pole Tip Number ----->

Green = The position of the Upper Pole Tips at 53mm from Datum -B-
Blue = The position of the Lower Pole Tips at 53mm from Datum -B-
Min. Gap = The minimum gap between pole tips 53mm from Datum -B-

SLAC
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LEITZ CMM

Undulator Pole Tip Location
Measured unrestrained

DATE: 03-JUL-2008
UNDUULATOR # 23