

Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **35**

Part No. :

Department:

Element : **PLA_B**

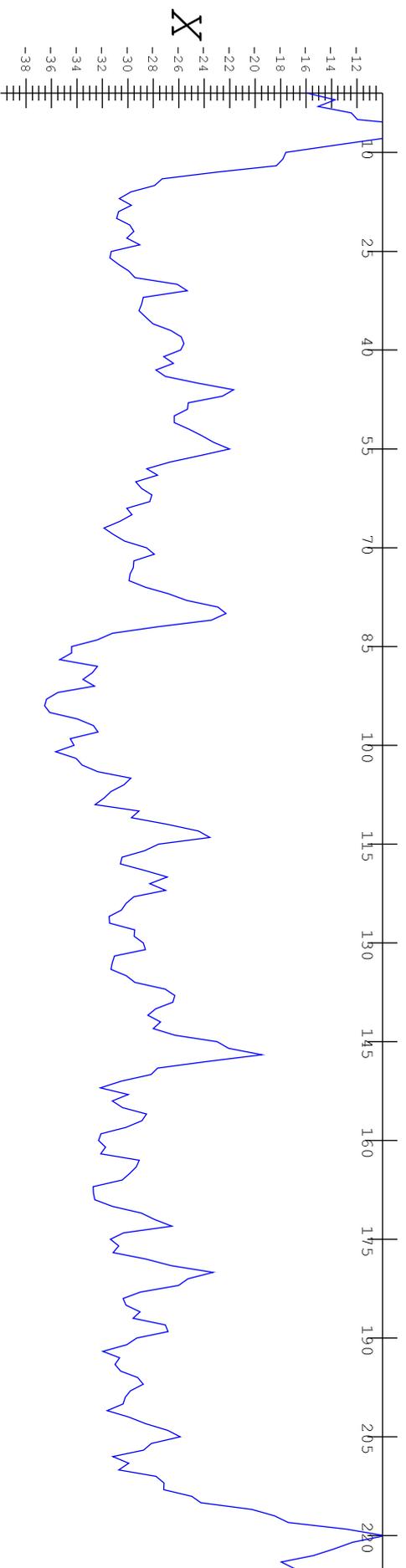
		X	Y	Z	No.	
Form	0.1298	Neg. Deviat.: -0.0478	115.3892	96.9998	-1723.483	16
Error Magnif.:	3000	Pos. Deviat.: 0.0821	115.5156	96.9952	-3384.965	30
No. of points:	62					

MESSTECHNIK WETZLAR

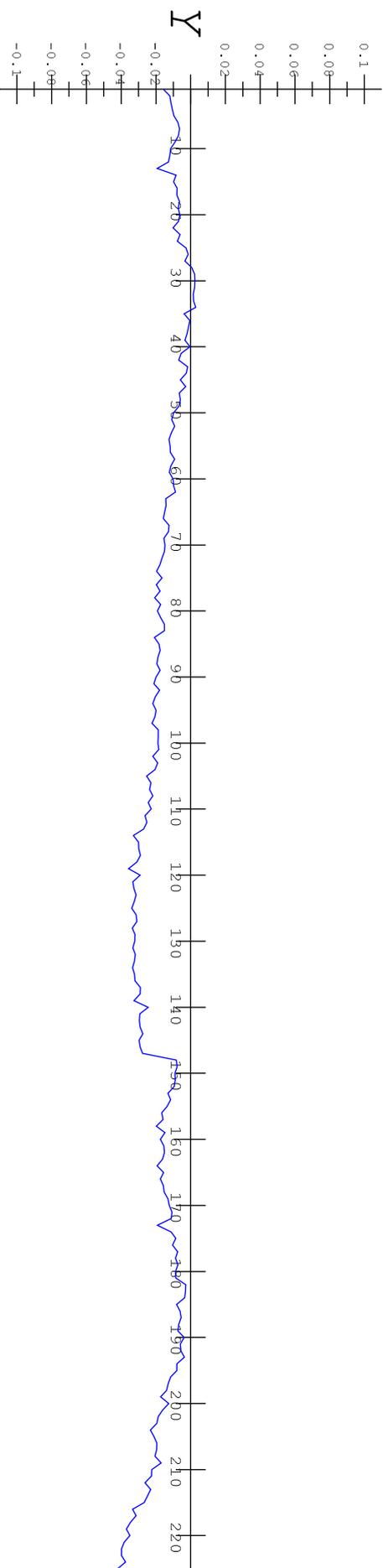


FLATNESS
ISO 1101

Inspector : **Quindos**
Date: **11-OCT-2007**
Time: **07:19:33**

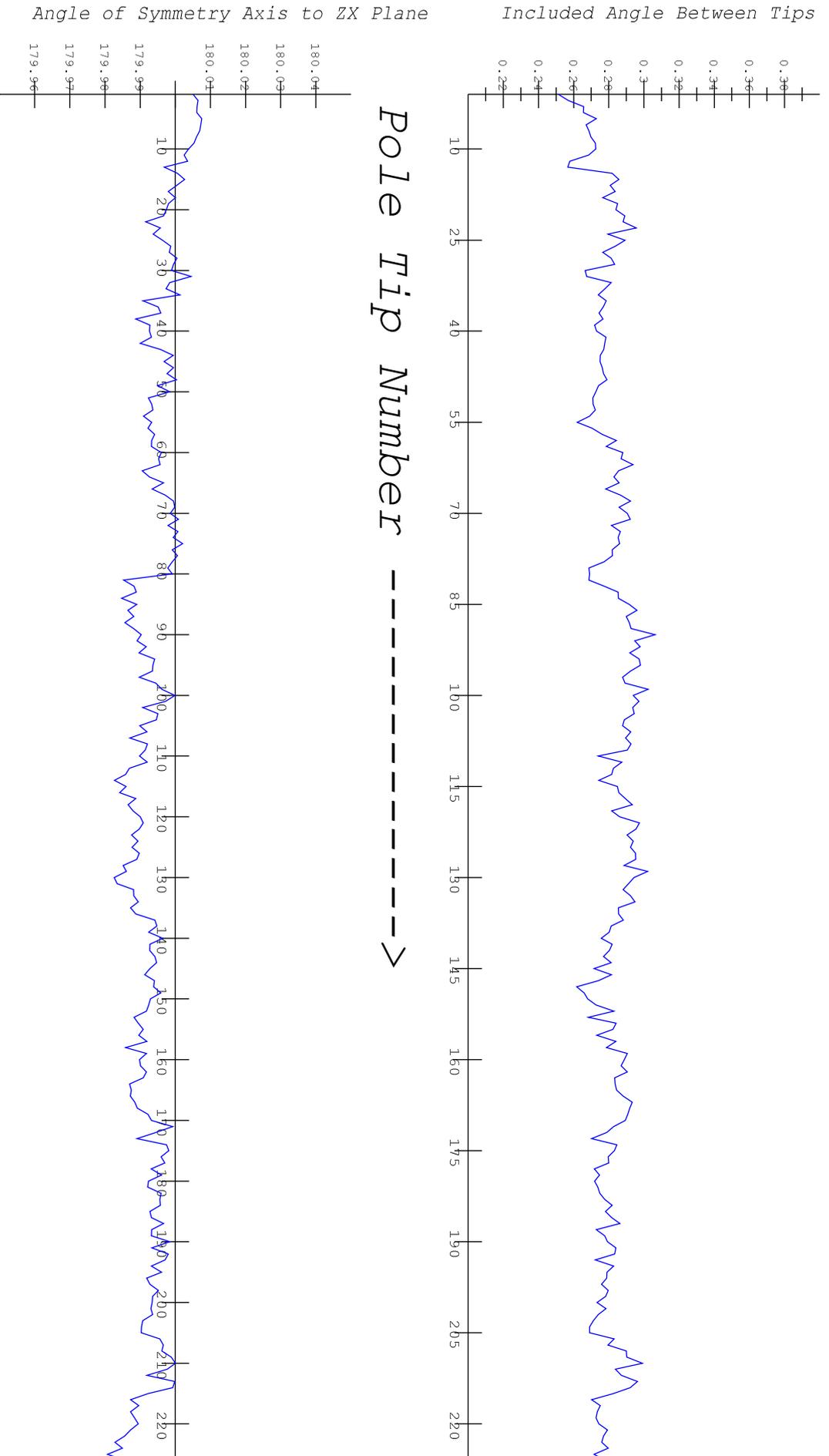


Pole Tip Number ----->



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: 11-OCT-2007 UNDIULATOR # 35</p>
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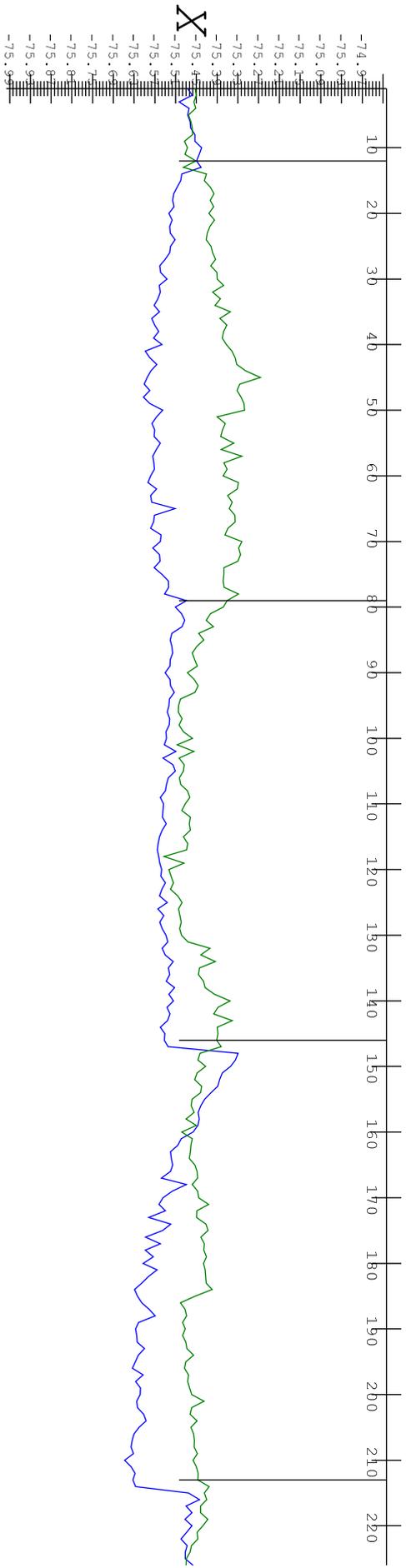
*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
 Included Angle is the angle between the Upper and Lower Pole Tips*

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*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 11-OCT-2007
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Pole Tip Number ----->

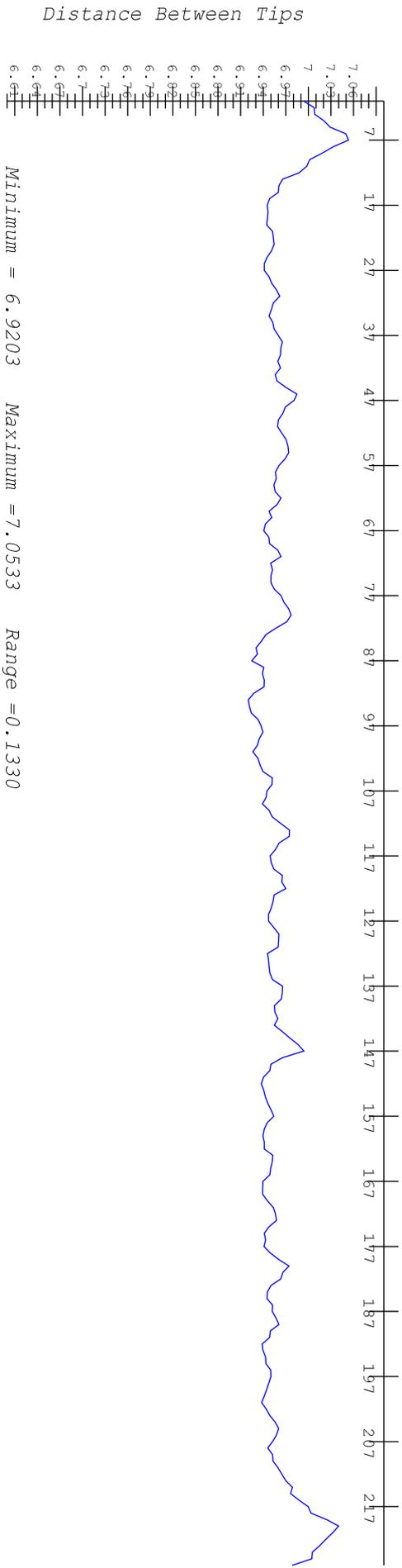


Green = Point on Front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on Front face of Lower Pole Tip 10mm below Nominal C/L

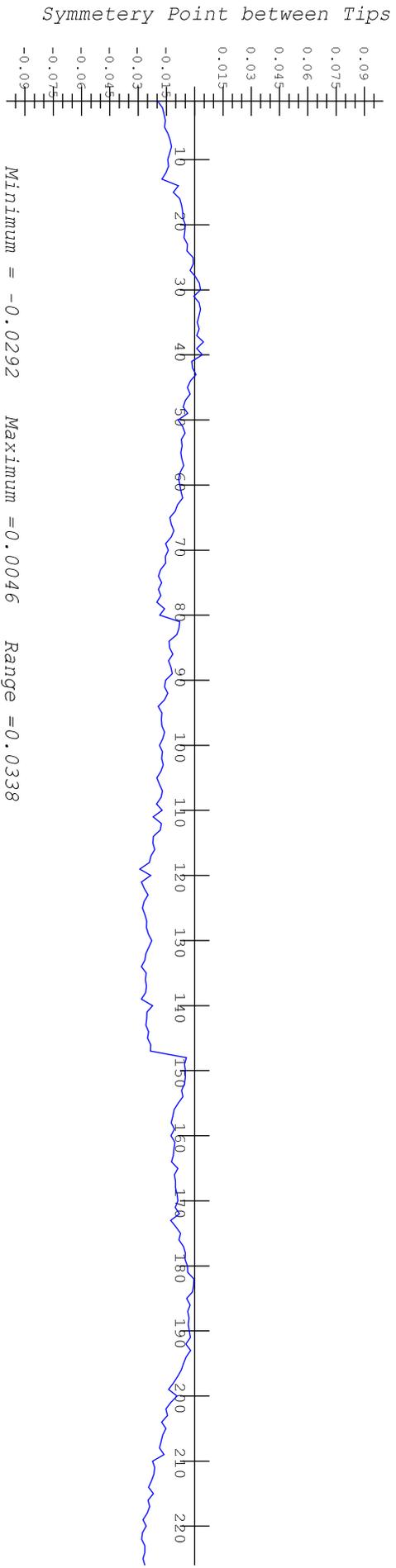
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Undulator Pole Tip Location
 Measured unrestrained

DATE: 11-OCT-2007
 UNDUULATOR # 35



Pole Tip Number ----->

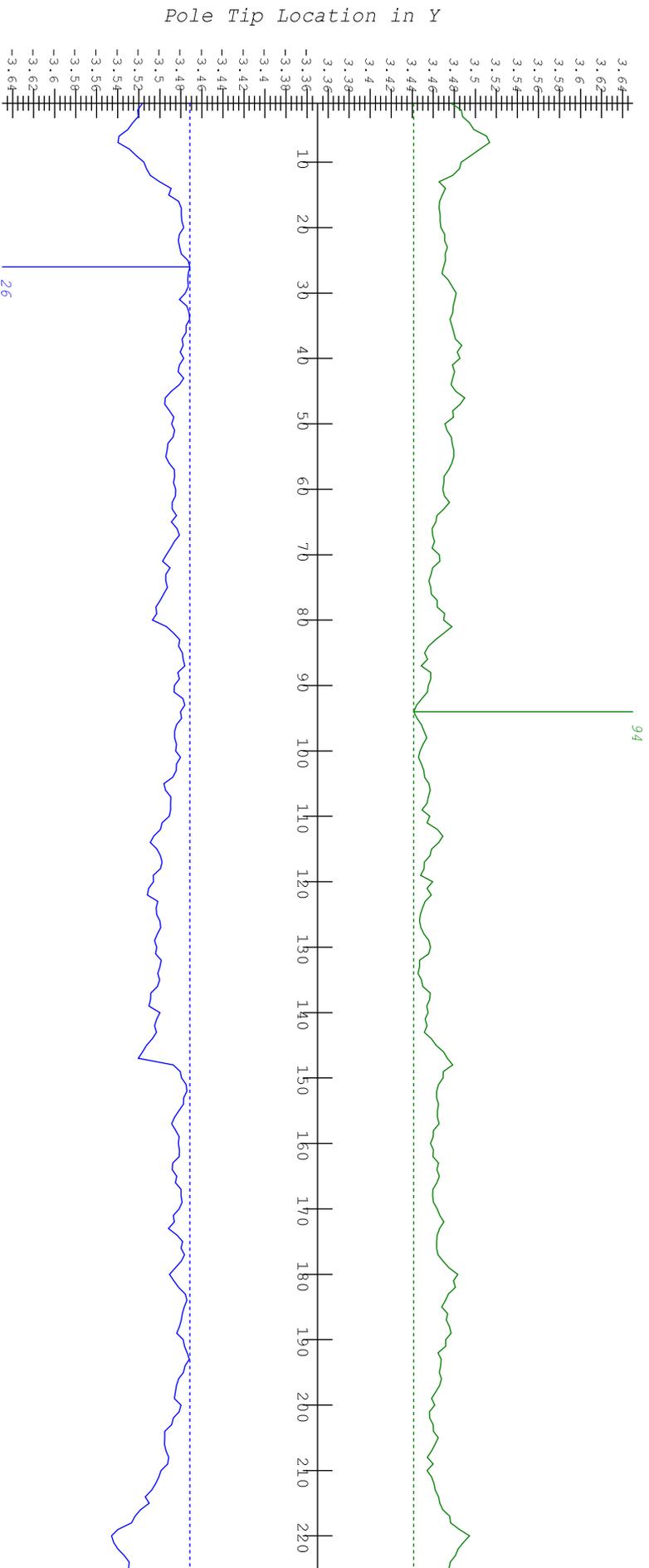


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 11-OCT-2007 UNDUULATOR # 35</p>
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MINIMUM GAP = 6.9131

Minimum = 3.4415 Maximum = 3.5136 Range = 0.0722



Minimum = -3.5459 Maximum = -3.4716 Range = 0.0743

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-

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LEITZ CMM

Undulator Pole Tip Location
Measured unrestrained

DATE: 11-OCT-2007
UNDUULATOR # 35