

Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **38**

Part No. :

Department:

Element : **PLA_B**

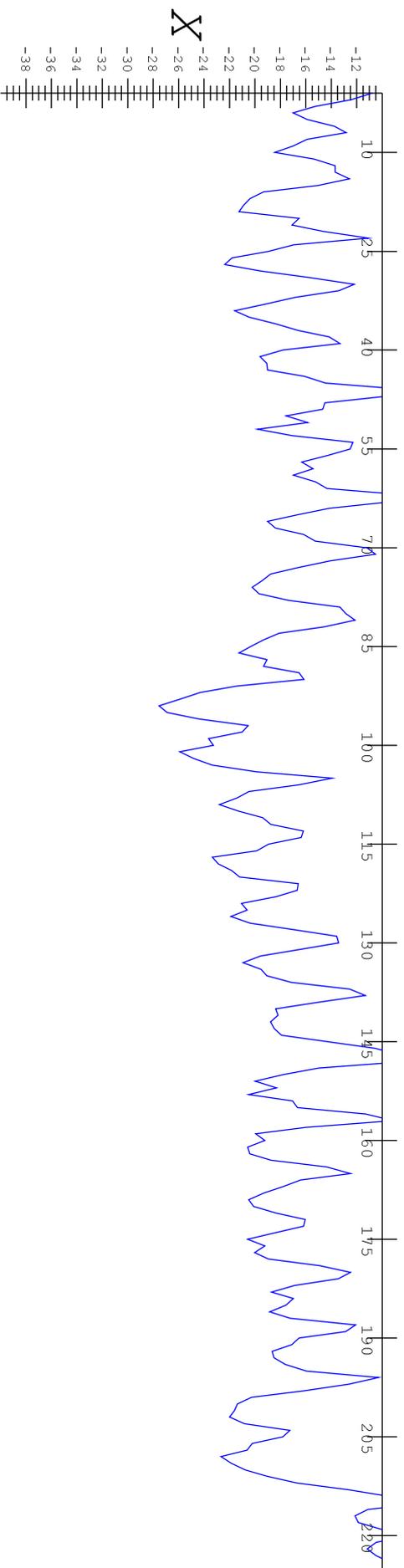
		X	Y	Z	No.	
Form	0.0856	Neg. Deviat.: -0.0332	115.4195	-92.5003	-1603.573	46
Error Magnif.:	3000	Pos. Deviat.: 0.0523	115.5090	96.9965	-3384.973	30
No. of points:	62					

MESSTECHNIK WETZLAR

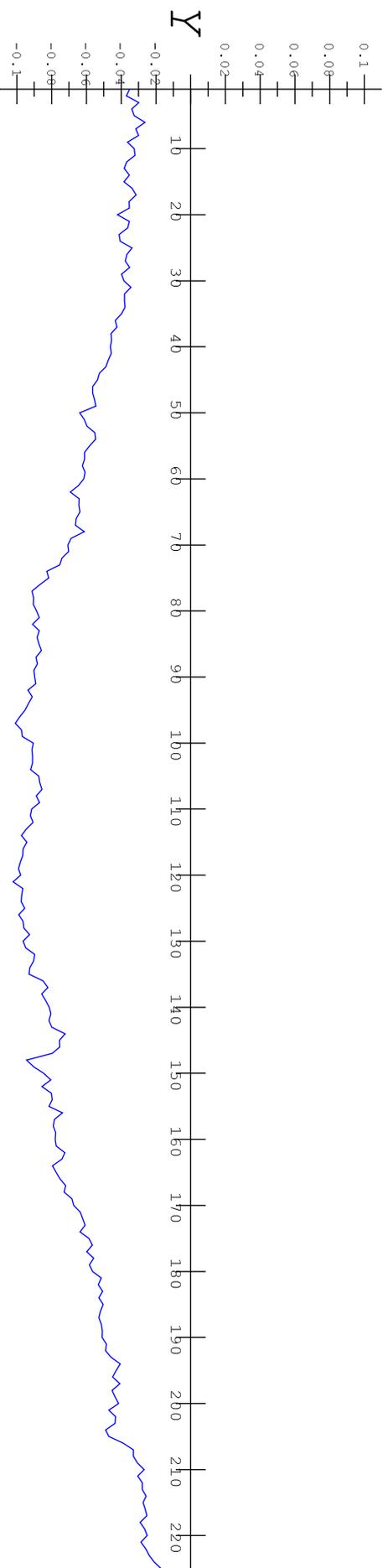


FLATNESS
ISO 1101

Inspector : **Quindos**
Date: **15-APR-2008**
Time: **12:37:34**

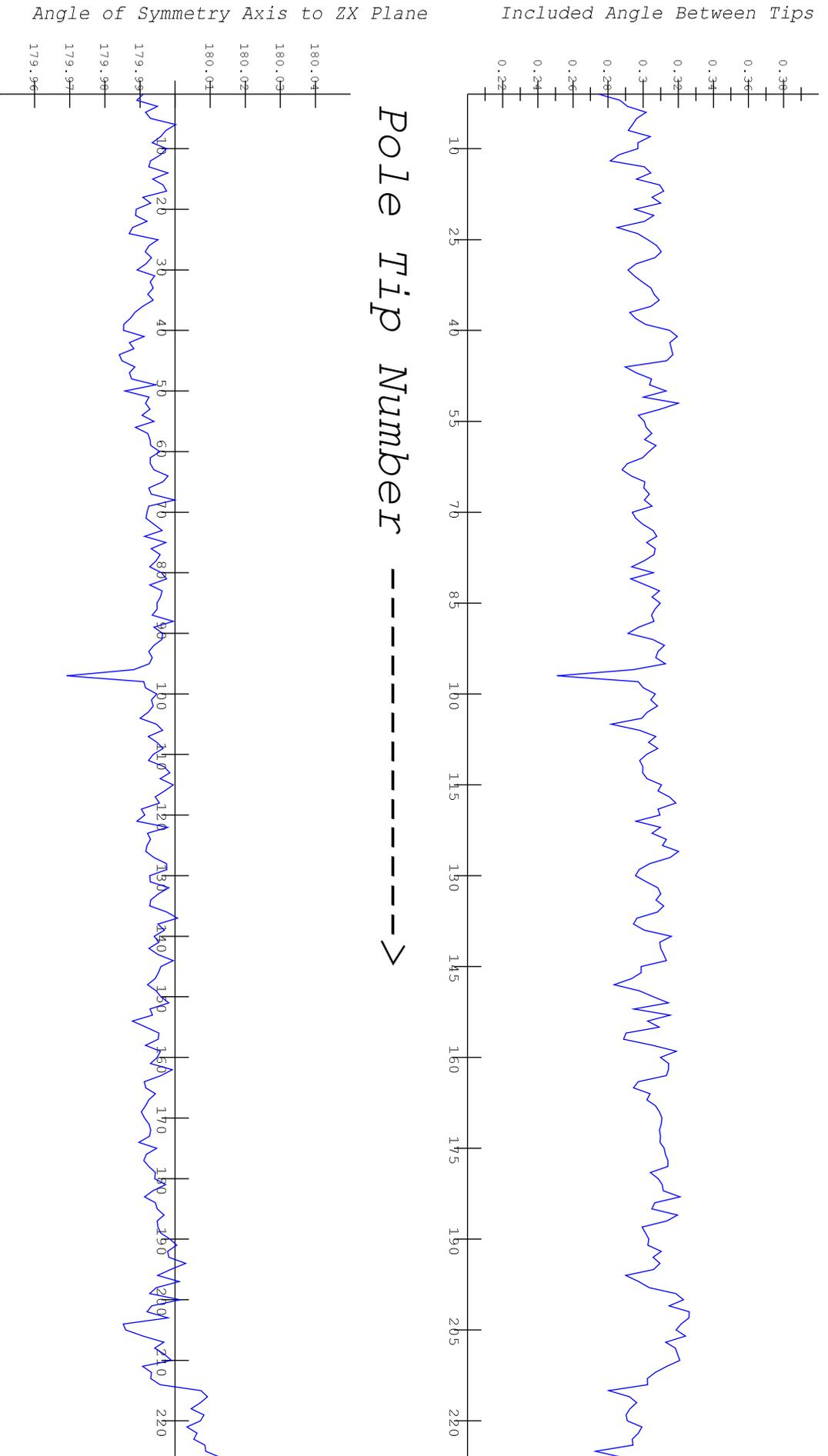


Pole Tip Number ----->



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: 15-APR-2008 UNDUULATOR # 38</p>
---	--	---



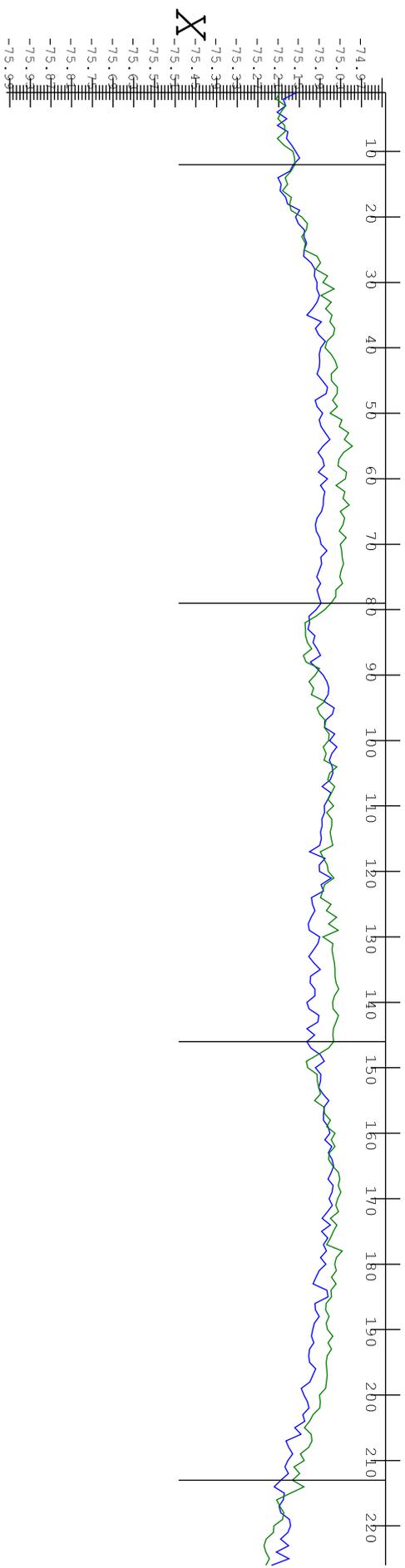
*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips*

SLAC
 LCLS-MMF
 LEITZ CMM

*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 15-APR-2008
 UNDUULATOR # 38

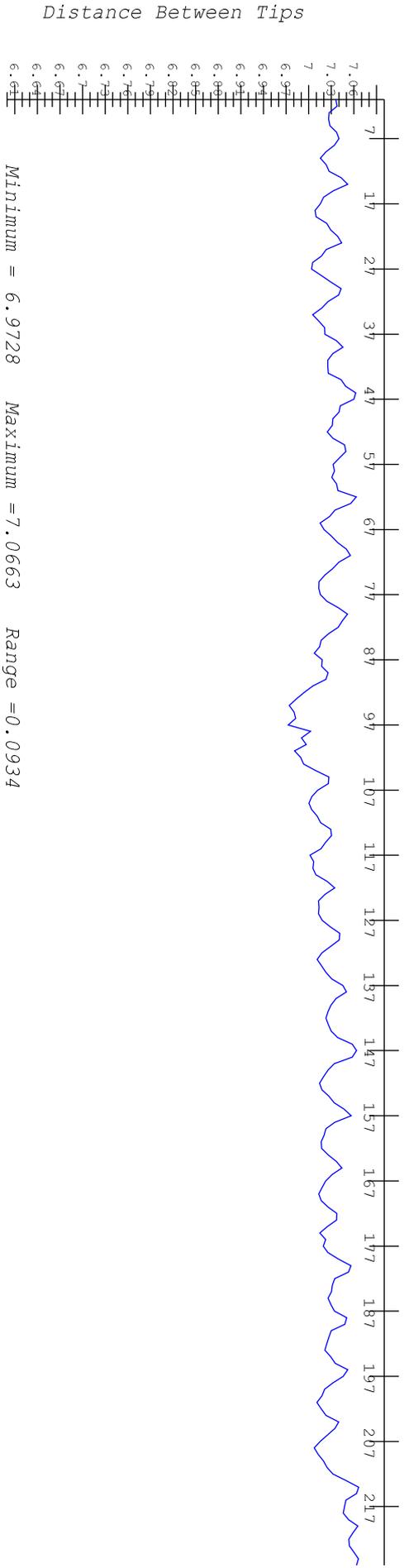
Pole Tip Number ----->



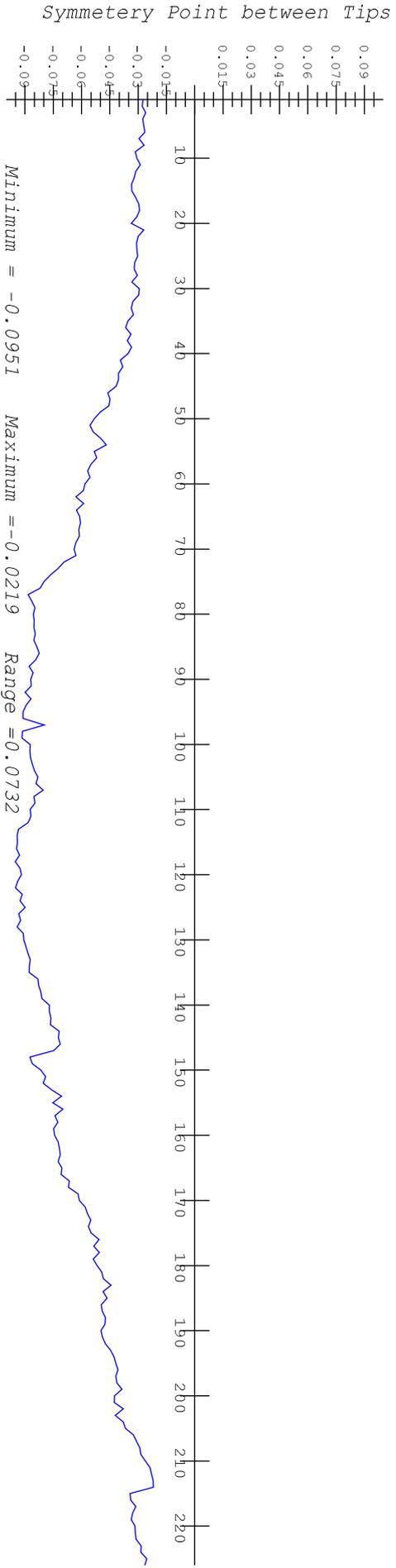
SLAC
 LCLS-MMF
 LEITZ CMM

Undulator Pole Tip Location
 Measured unrestrained

DATE: 15-APR-2008
 UNDUULATOR # 38



Pole Tip Number ----->

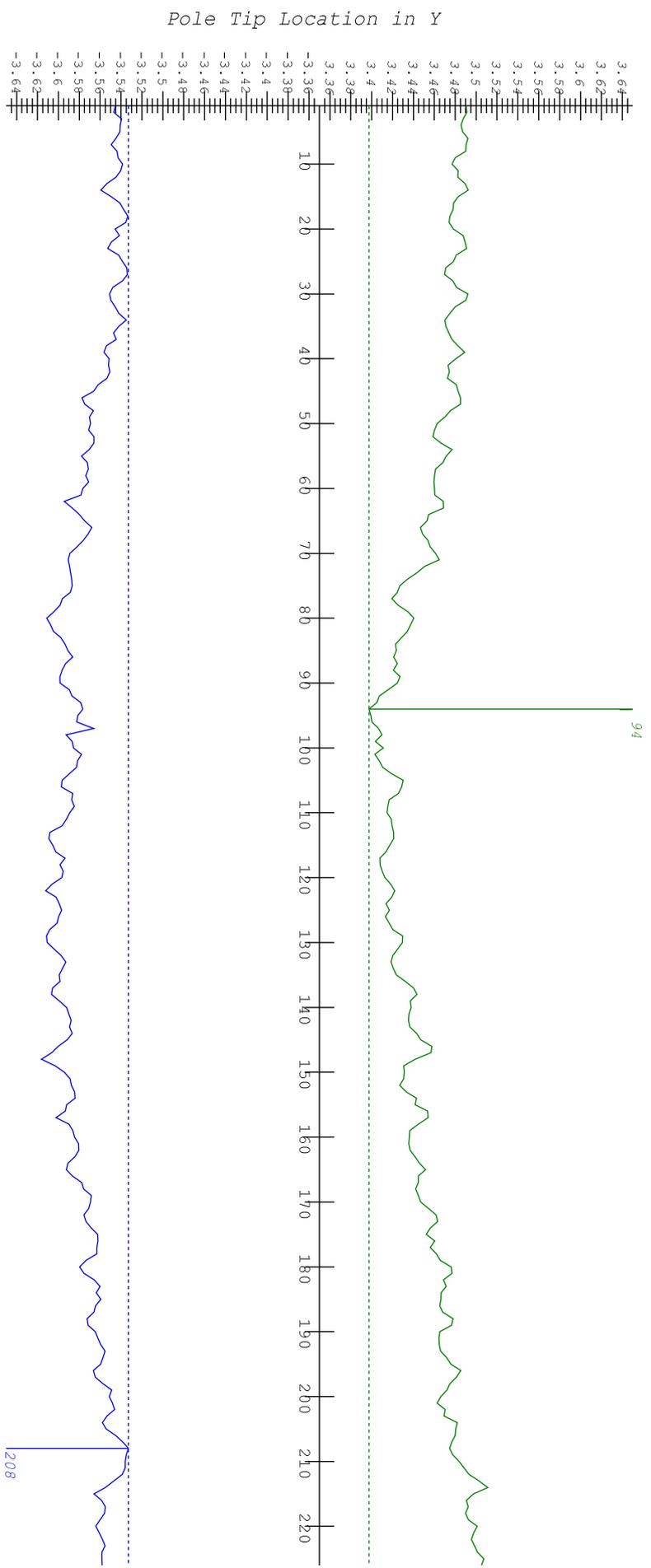


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 15-APR-2008 UNDUULATOR # 38</p>
---	---	---

MINIMUM GAP = 6.9303

Minimum = 3.3975 Maximum = 3.5112 Range = 0.1137



Minimum = -3.6163 Maximum = -3.5328 Range = 0.0834

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
LCLS-MMF
LEITZ CMM

Undulator Pole Tip Location
Measured unrestrained

DATE: 15-APR-2008
UNDUULATOR # 38