

Actual points : * * * Neg. Deviation : ——— (red) Pos. Deviation : ——— (green)

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **08**

Part No. :

Department:

Element : **PLA_B**

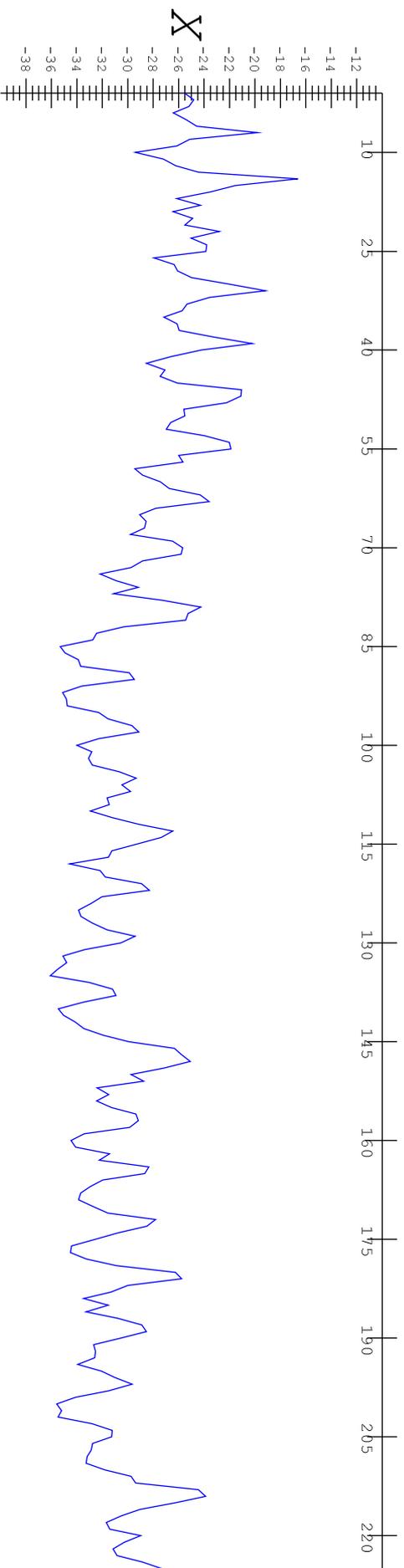
		X	Y	Z	No.	
Form	0.0565	Neg. Deviat.: -0.0238	115.4503	96.9993	-1486.033	14
Error Magnif.:	3000	Pos. Deviat.: 0.0328	115.5025	97.0011	-3384.974	30
No. of points:	62					

MESSTECHNIK WETZLAR

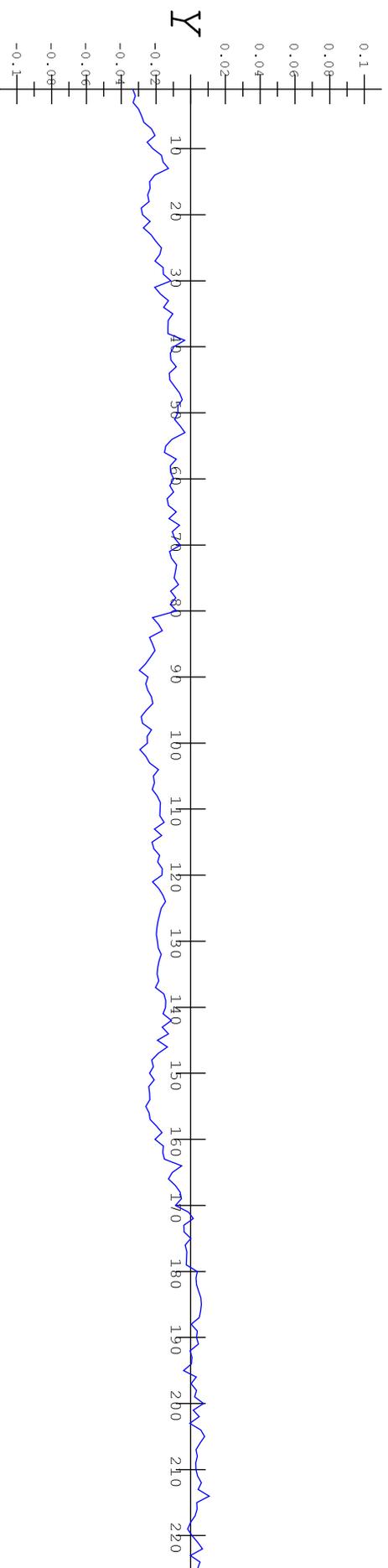


FLATNESS
ISO 1101

Inspector :Quindos
Date:14-APR-2008
Time:10:46:32

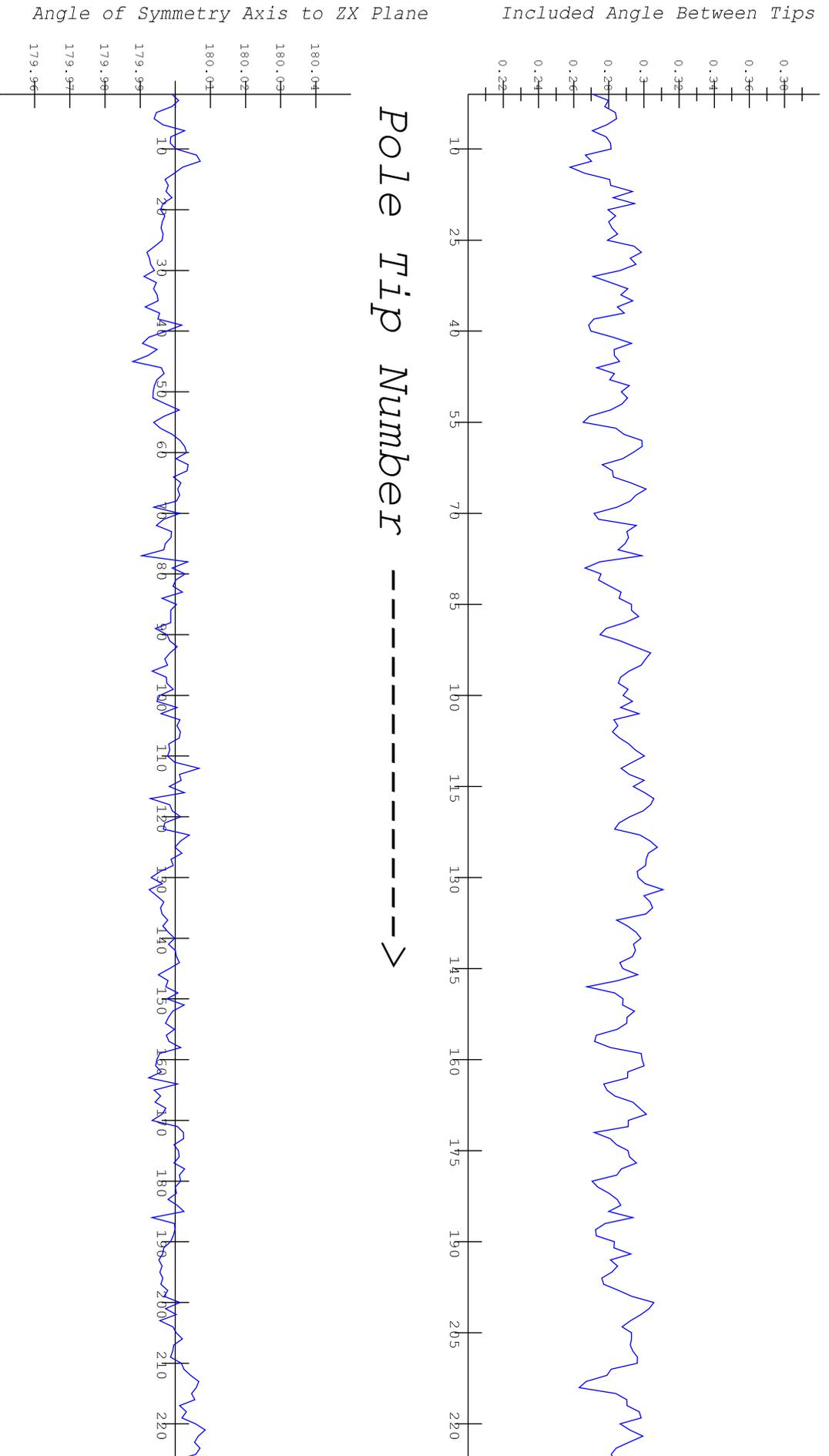


Pole Tip Number ----->



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: 14-APR-2008 UNDUULATOR # 08</p>
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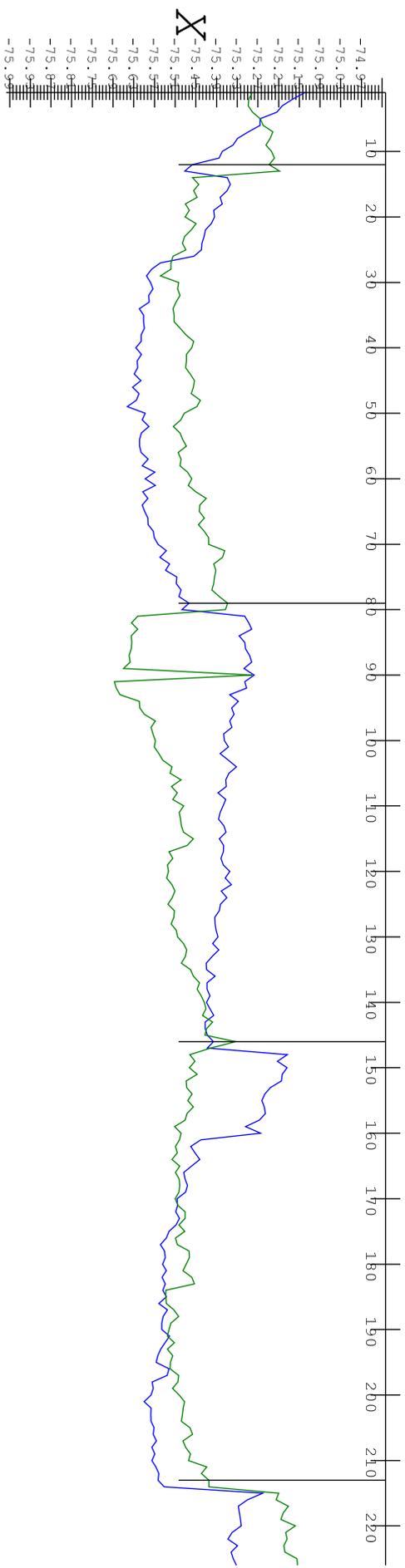
*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
 Included Angle is the angle between the Upper and Lower Pole Tips*

SLAC
 LCLS-MMF
 LEITZ CMM

*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 14-APR-2008
 UNDUULATOR # 08

Pole Tip Number ----->

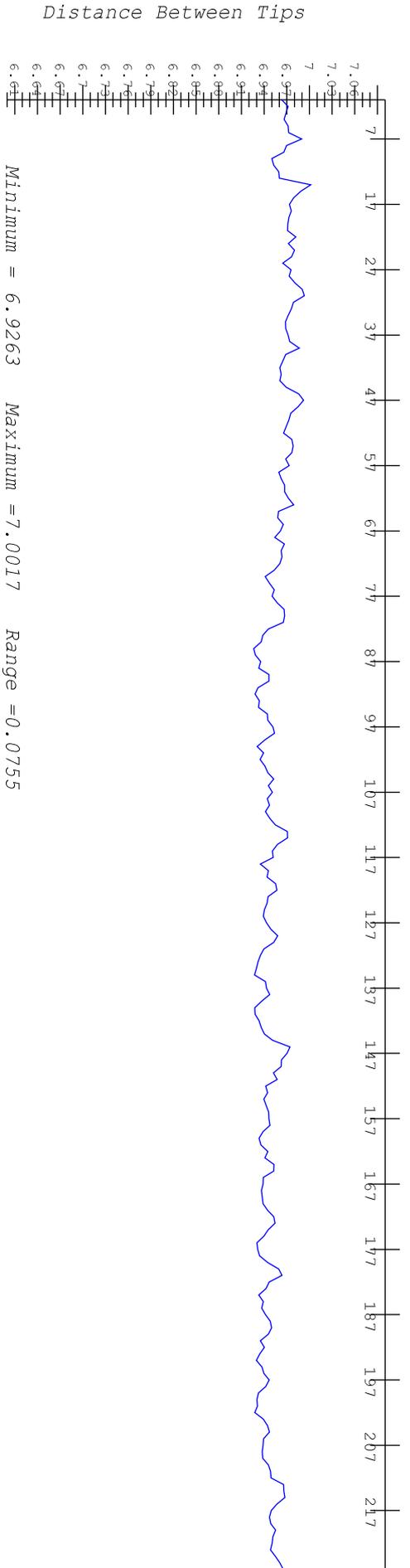


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

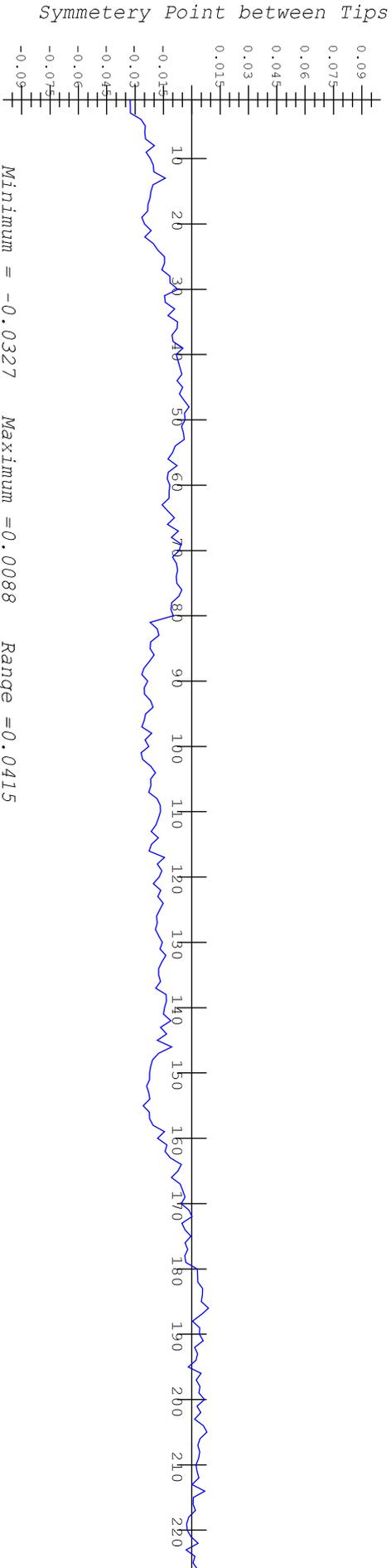
SLAC
 LCLS-MMF
 LEITZ CMM

Undulator Pole Tip Location
 Measured unrestrained

DATE: 14-APR-2008
 UNDUULATOR # 08



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-

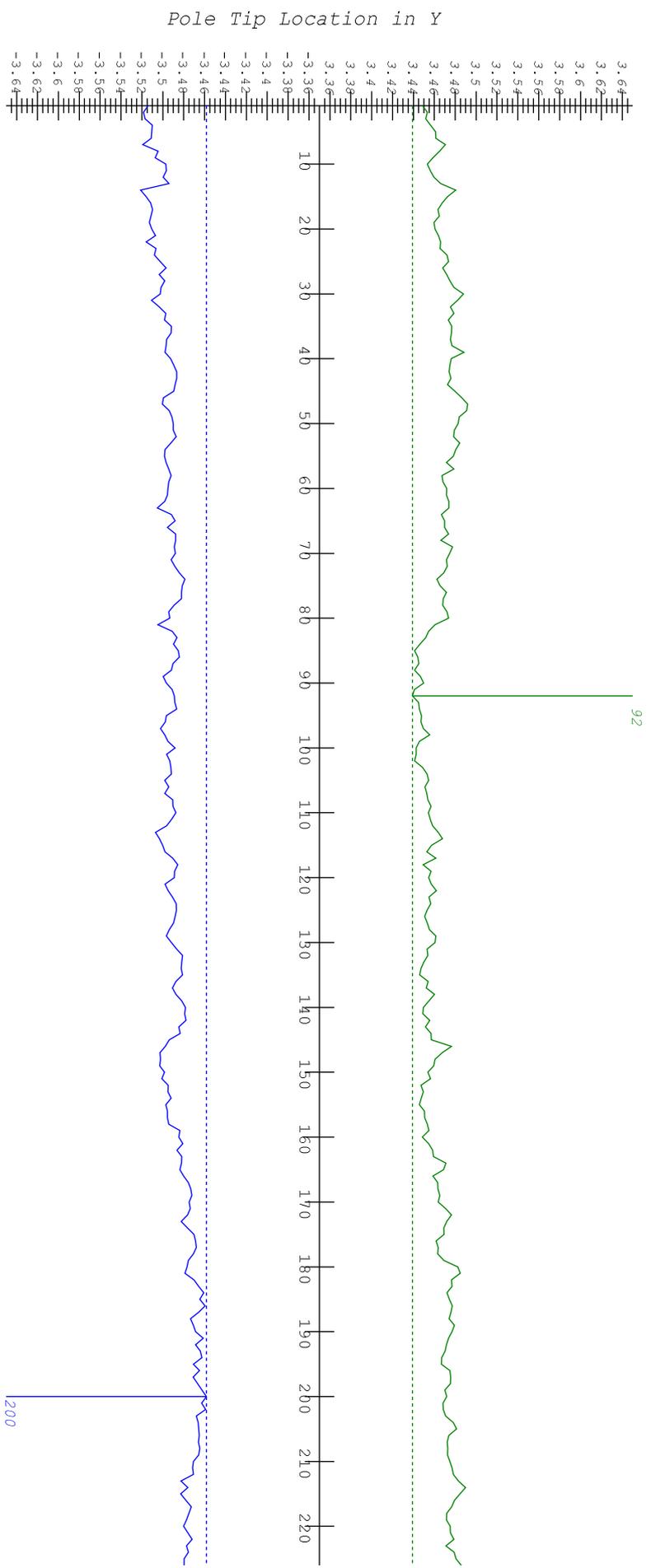
SLAC
 LCLS-MMF
 LEITZ CMM

Undulator Pole Tip Location
 Measured unrestrained

DATE: 14-APR-2008
 UNDUULATOR # 08

MINIMUM GAP = 6.8974

Minimum = 3.4391 Maximum = 3.4920 Range = 0.0529



Minimum = -3.5213 Maximum = -3.4584 Range = 0.0630

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: 14-APR-2008
UNDUULATOR # 08