

Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **32**

Part No. :

Department:

Calcul. .: **Bestfit (Gauss)**

Filtering: **No**

Probe dia.: **5** mm

Element : **PLA_B**

X

Y

Z

No.

Form: **0.1623**

Neg. Deviat.: **-0.0657**

115.4169

96.9967

-1910.817

18

Error Magnif.: **3000**

Pos. Deviat.: **0.0966**

115.5921

96.9973

-3384.979

30

No. of points: **62**

MESSTECHNIK WETZLAR

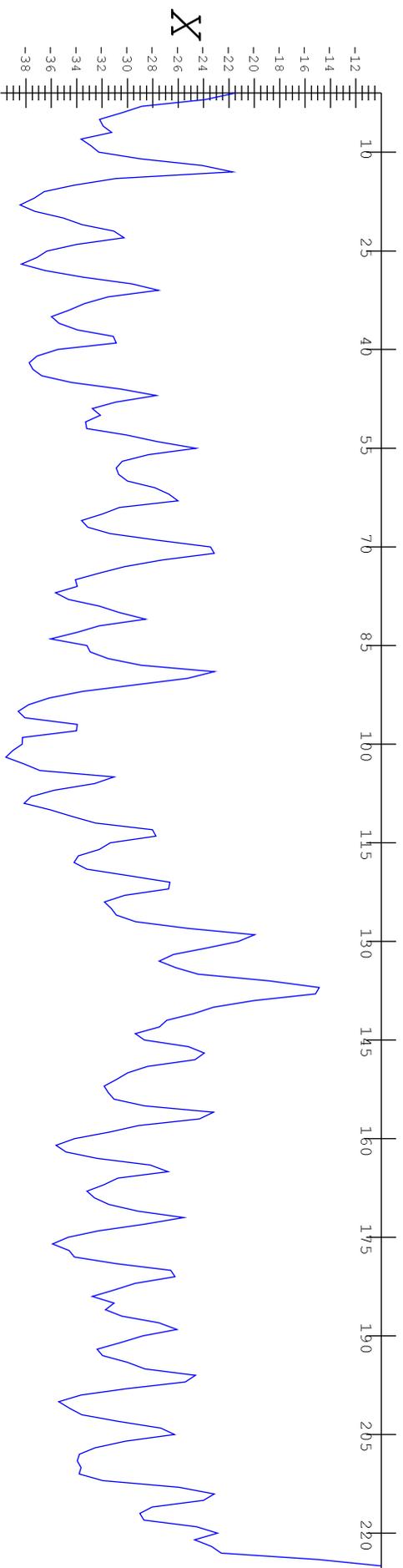


FLATNESS
ISO 1101

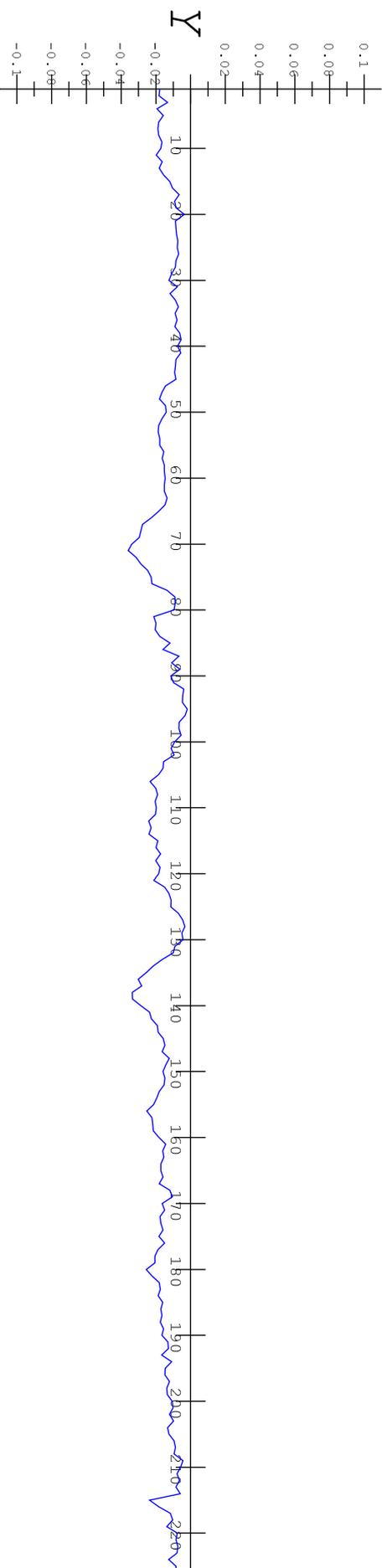
Inspector : **Quindos**

Date: **14-NOV-2008**

Time: **14:54:13**



Pole Tip Number ----->



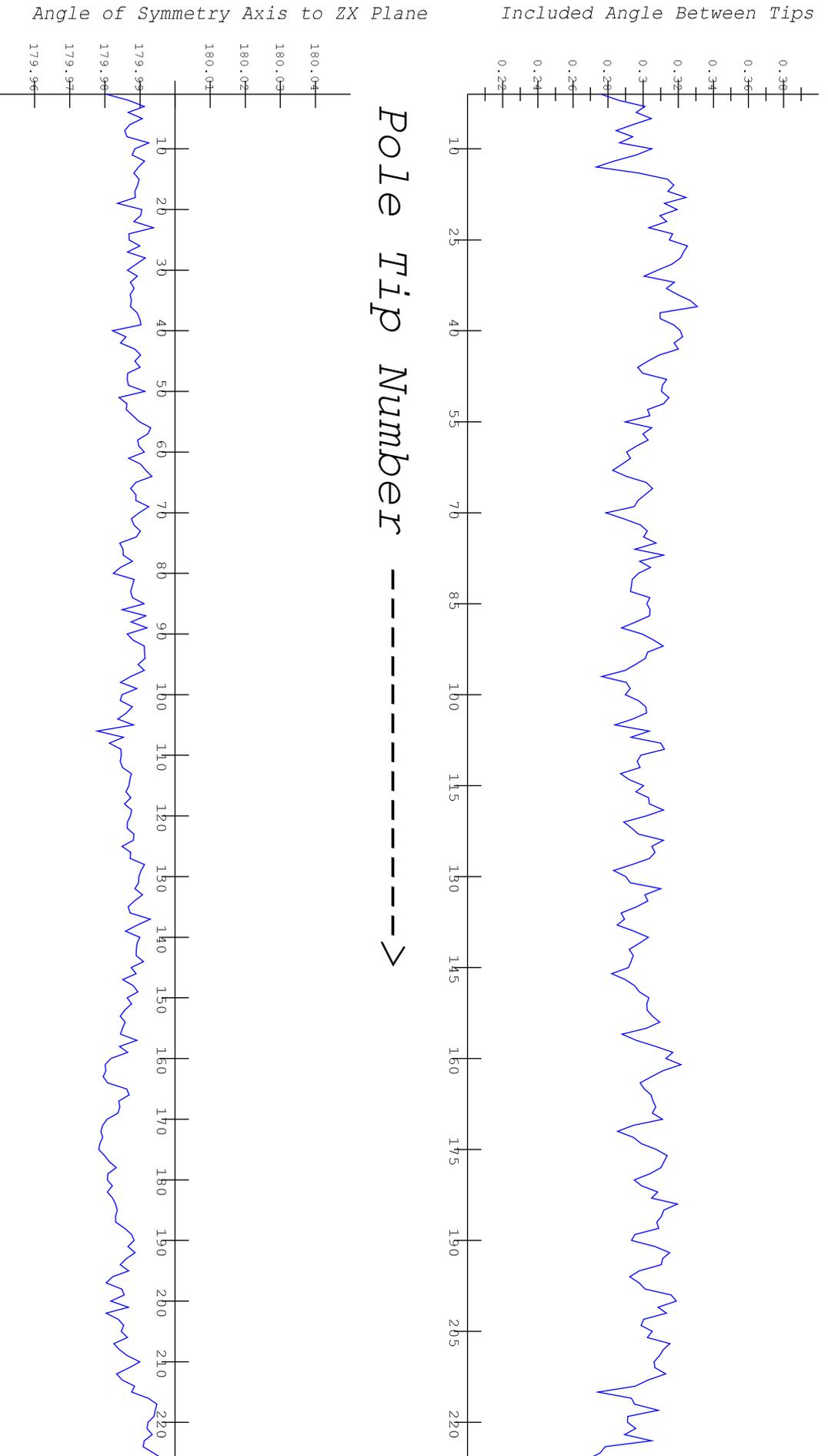
Offsets of Pole Tip Symmetry Point From Nominal Undulator center line

Pole Tip Symmetry Point is the point where the symmetry axis between tips is bisected by the 6.8mm cross section

SLAC
 LCLS-MMF
 LEITZ CMM

Undulator Pole Tip Offsets
 Measured unrestrained

DATE: 14-NOV-2008
 UNDUULATOR # 32



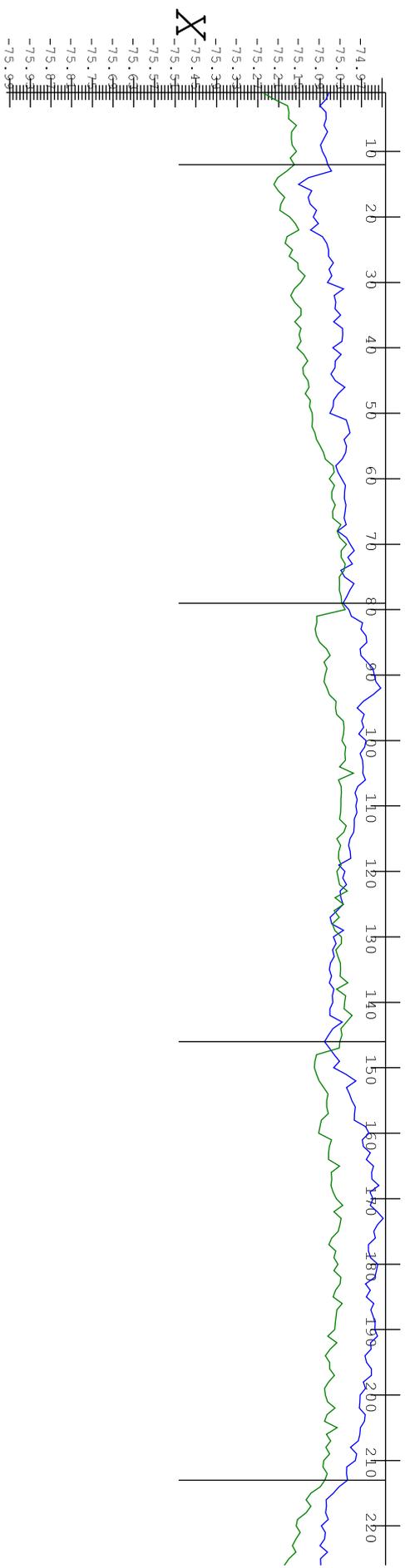
*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips*

SLAC
 LCLS-MMF
 LEITZ CMM

*Undulator Pole Tip Angles
 Measured unrestrained*

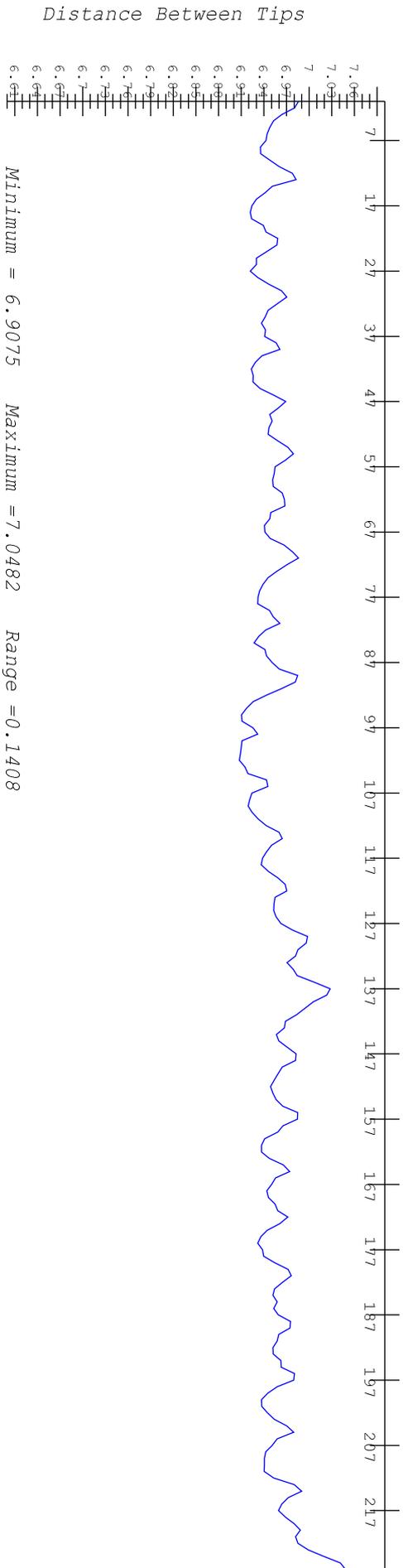
DATE: 14-NOV-2008
 UNDUULATOR # 32

Pole Tip Number ----->

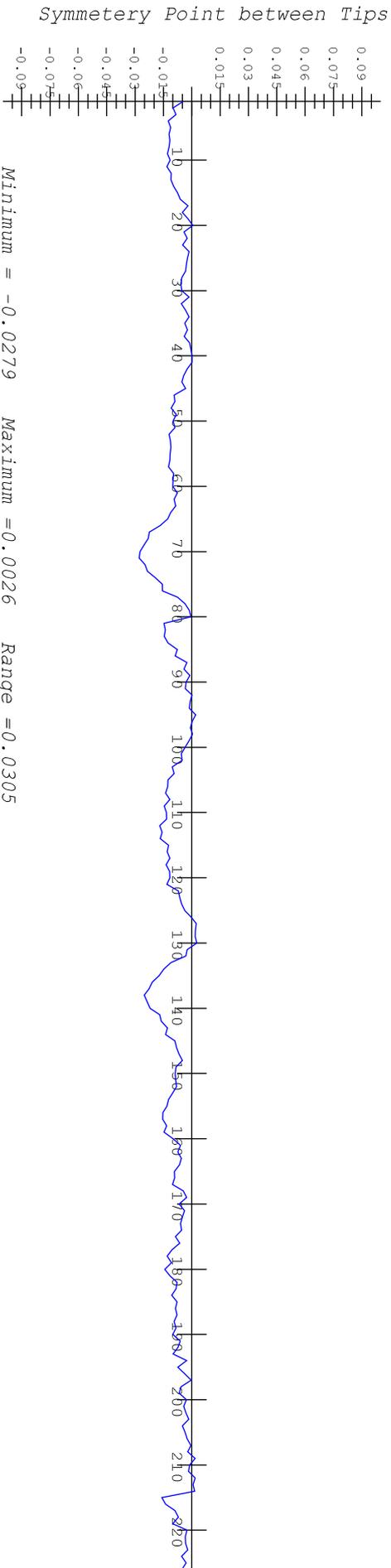


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 14-NOV-2008 UNDUULATOR # 32</p>
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Pole Tip Number ----->

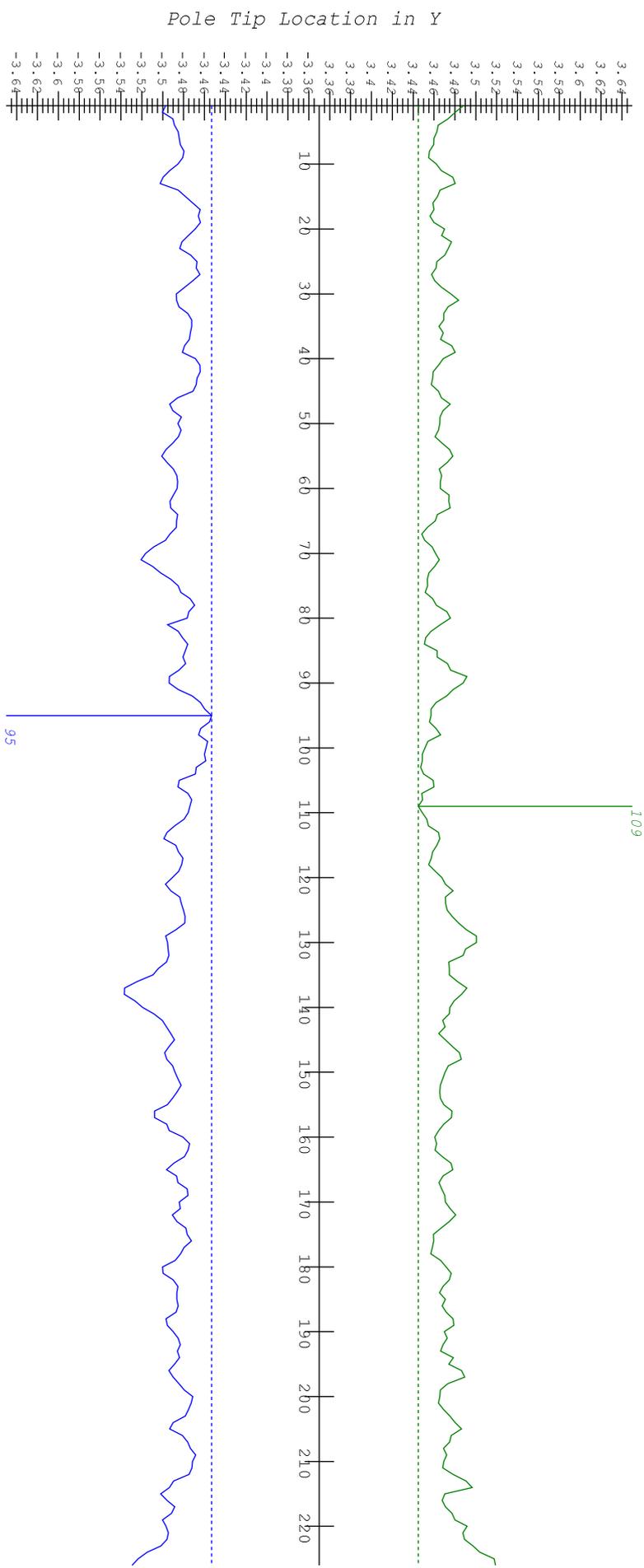


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p>SLAC LCLS-MMF LEITZ CMM</p>	<p>Undulator Pole Tip Location Measured unrestrained</p>	<p>DATE: 14-NOV-2008 UNDUULATOR # 32</p>
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MINIMUM GAP = 6.8981

Minimum = 3.4450 Maximum = 3.5189 Range = 0.0740



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-NOV-2008
UNDUULATOR # 32