

Actual points : \* \* \*

Neg. Deviation : ———

Pos. Deviation : ———

Notation :

Producer :

Draw. No. :

Ser. No. :

Part No. :

Department:

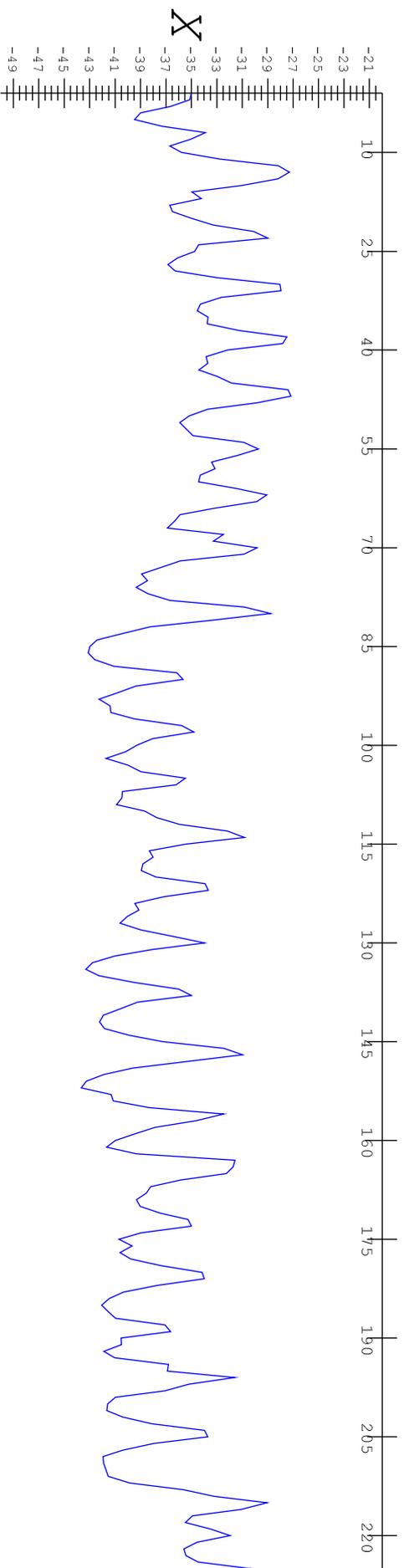
Element : PLA\_B

		X	Y	Z	No.	
Form .....	0.0626	Neg. Deviat.: -0.0368	115.4524	-95.1140	-3381.628	31
Error Magnif.:	3000	Pos. Deviat.: 0.0258	115.5325	93.7425	-1806.288	17
No. of points:	59					

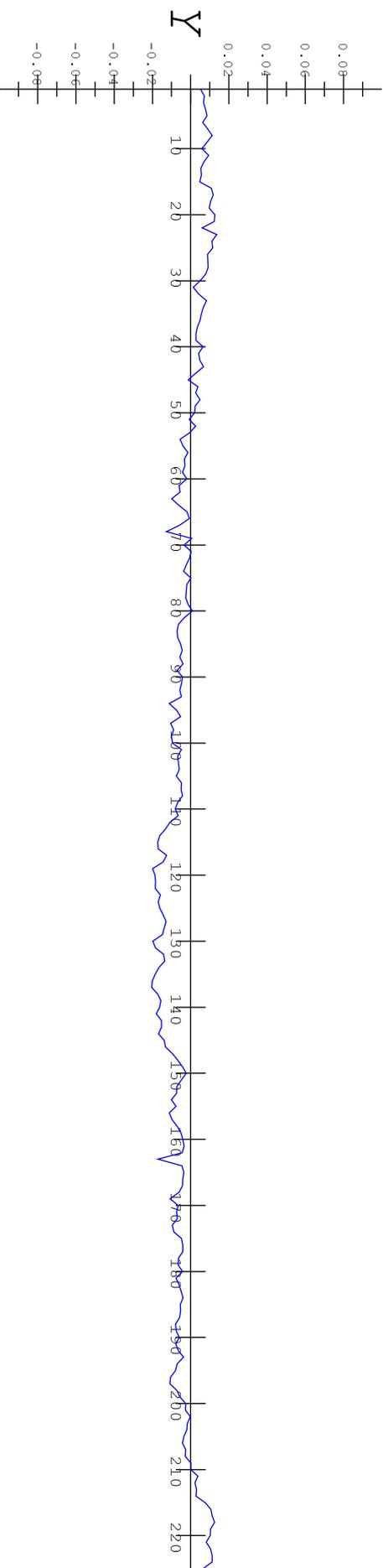
*Leitz*  
**QUINDOS**

**FLATNESS**  
ISO 1101

Inspector :Quindos  
Date .....:07-NOV-2006  
Time .....:10:05:12

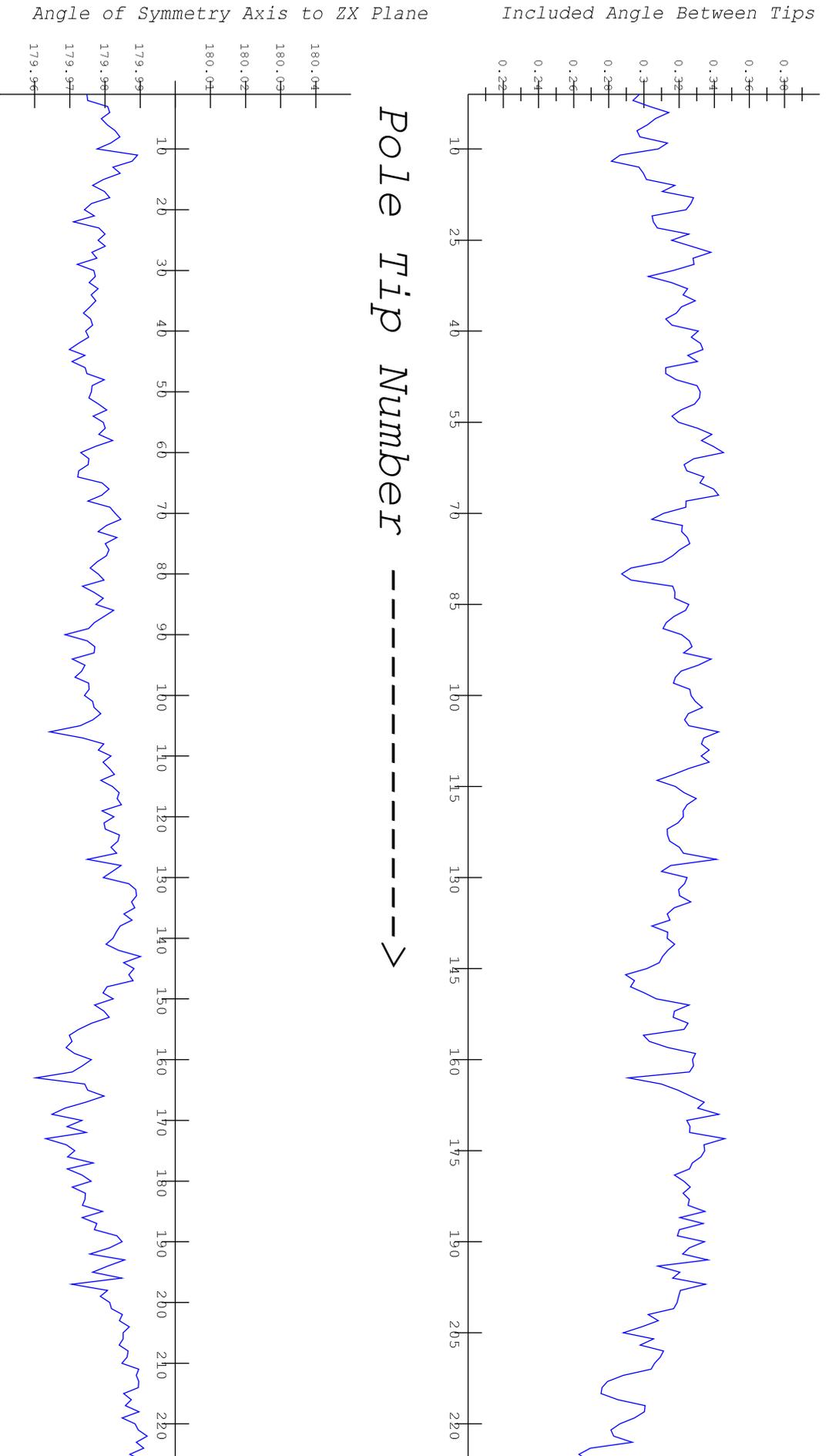


Pole Tip Number ----->



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><b>SLAC</b>          LCLS-MMF          LEITZ CMM</p>	<p>Undulator Pole Tip Offsets          Measured unrestrained</p>	<p>DATE: 09-FEB-2007          UNDUULATOR # 3</p>
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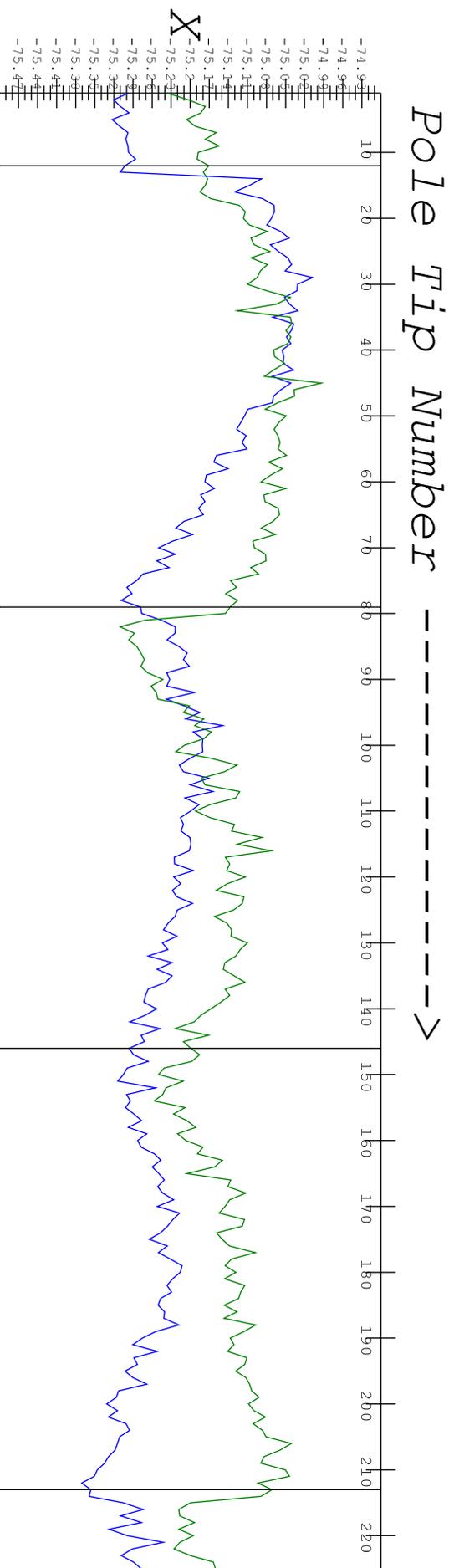


*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips  
 Included Angle is the angle between the Upper and Lower Pole Tips*

**SLAC**  
 LCLS-MMF  
 LEITZ CMM

*Undulator Pole Tip Angles  
 Measured unrestrained*

DATE: 09-FEB-2007  
 UNDUULATOR # 3

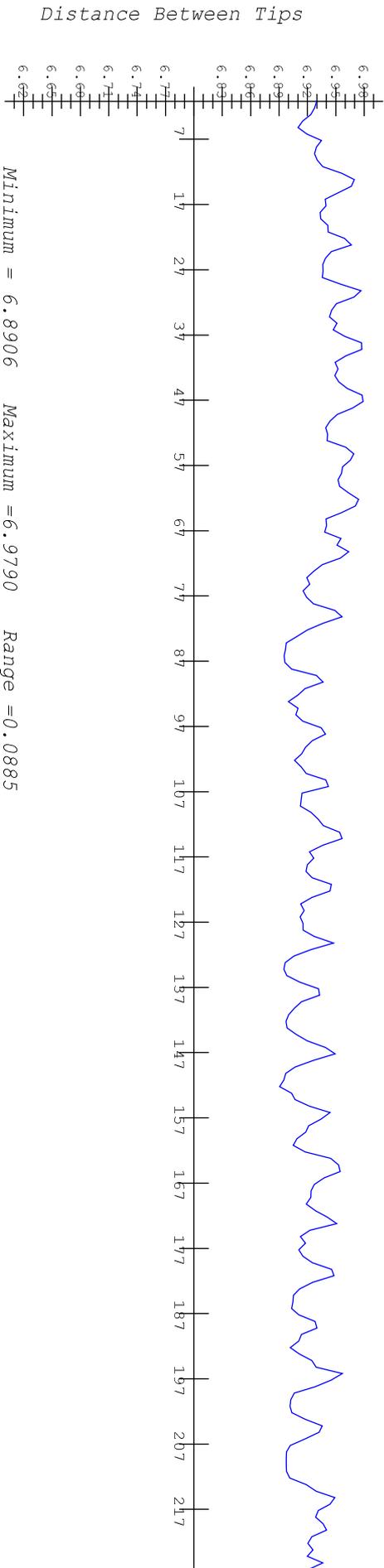


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L  
 Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

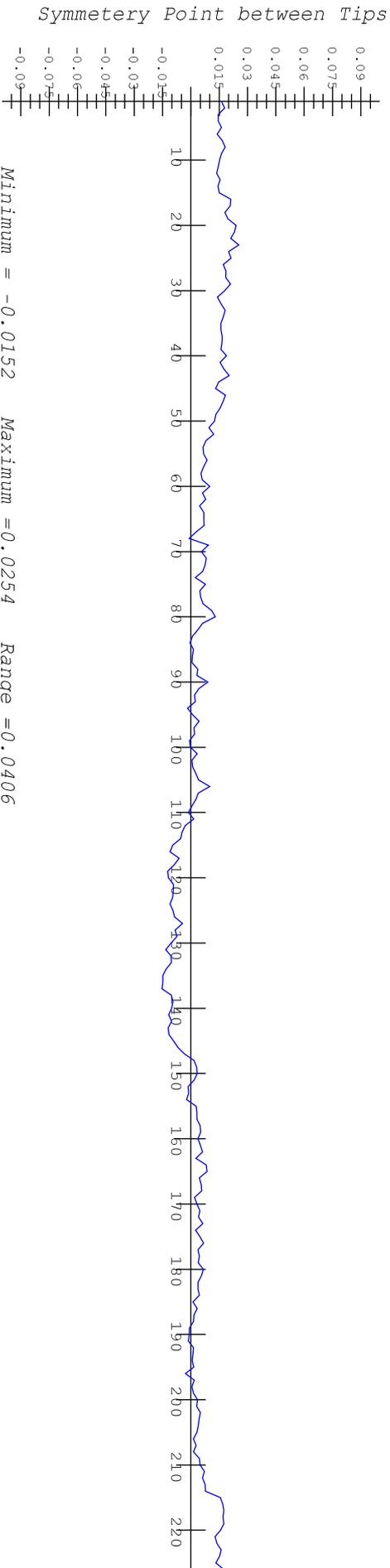
**SLAC**  
 LCLS-MMF  
 LEITZ CMM

Undulator Pole Tip Location  
 Measured unrestrained

DATE: 09-FEB-2007  
 UNDUULATOR # 3



Pole Tip Number ----->

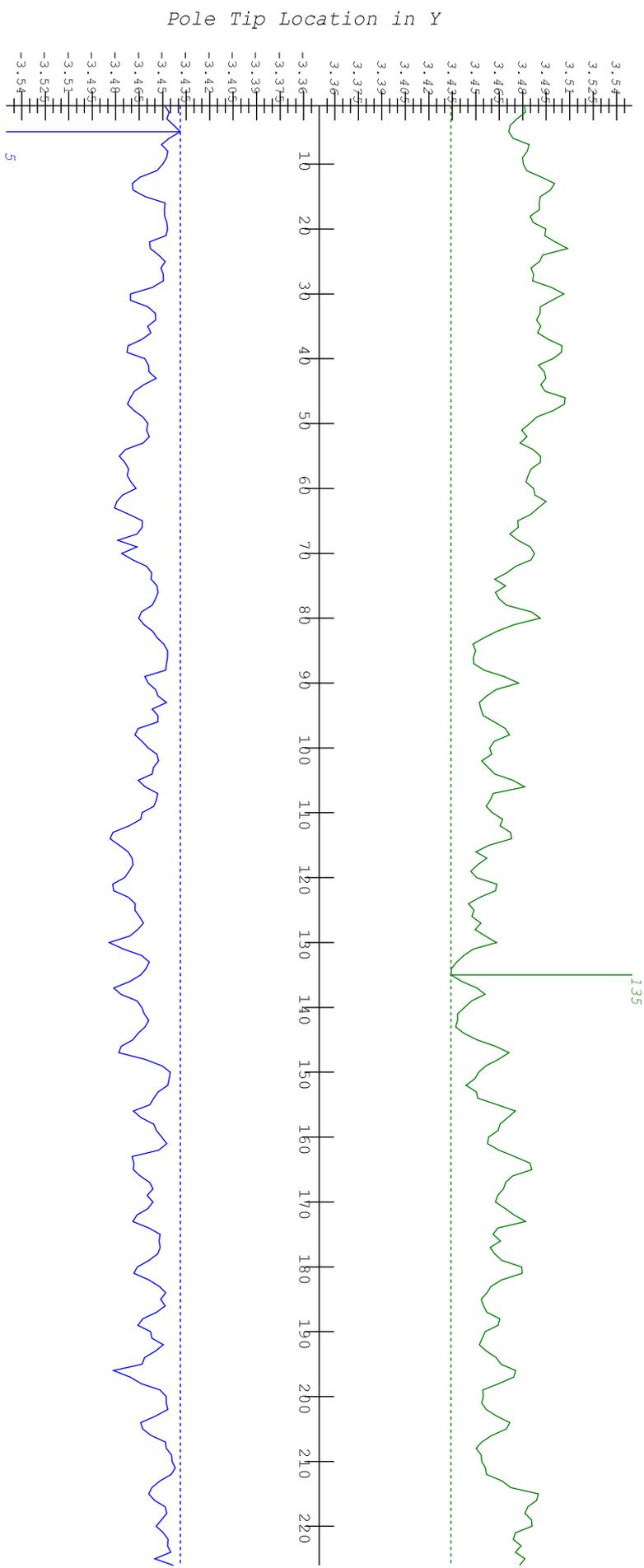


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-  
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p style="margin: 0;"> <b>SLAC</b>        LCLS-MMF        LEITZ CMM     </p>	<p style="margin: 0;">Undulator Pole Tip Location</p> <p style="margin: 0;">Measured unrestrained</p>	<p style="margin: 0;">DATE: 09-FEB-2007</p> <p style="margin: 0;">UNDUULATOR # 3</p>
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MINIMUM GAP = 6.8730

Minimum = 3.4342    Maximum = 3.5086    Range = 0.0745



Minimum = -3.4842    Maximum = -3.4388    Range = 0.0454

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: 09-FEB-2007  
UNDUULATOR # 3