

Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **15**

Part No. :

Department:

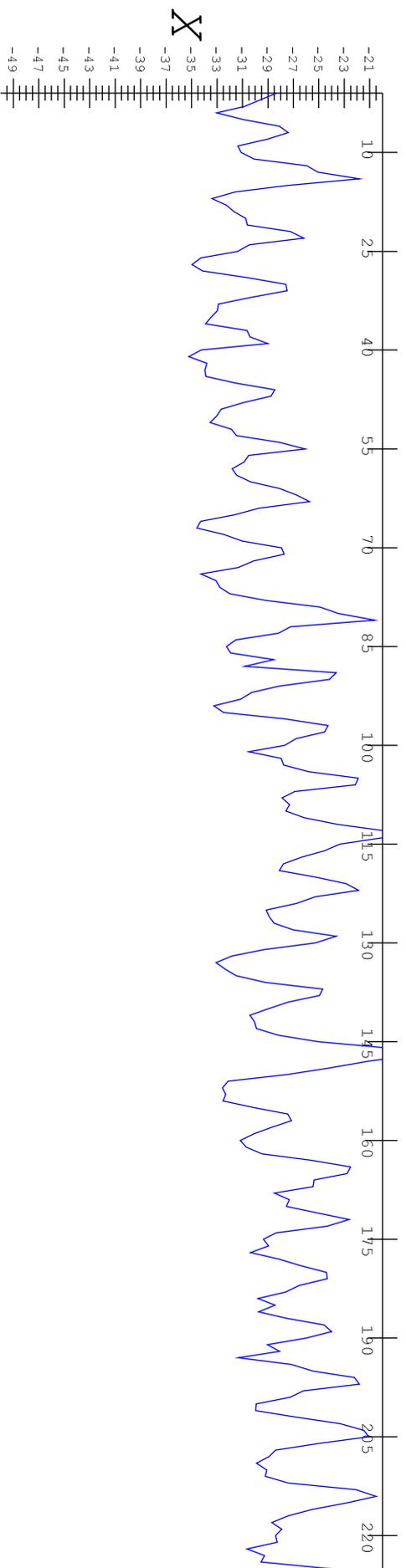
Element : **PLA_B**

		X	Y	Z	No.	
Form	0.1165	Neg. Deviat.: -0.0631	115.4682	-102.7899	-3150.529	33
Error Magnif.:	3000	Pos. Deviat.: 0.0533	115.5916	92.9228	-1091.989	11
No. of points:	62					

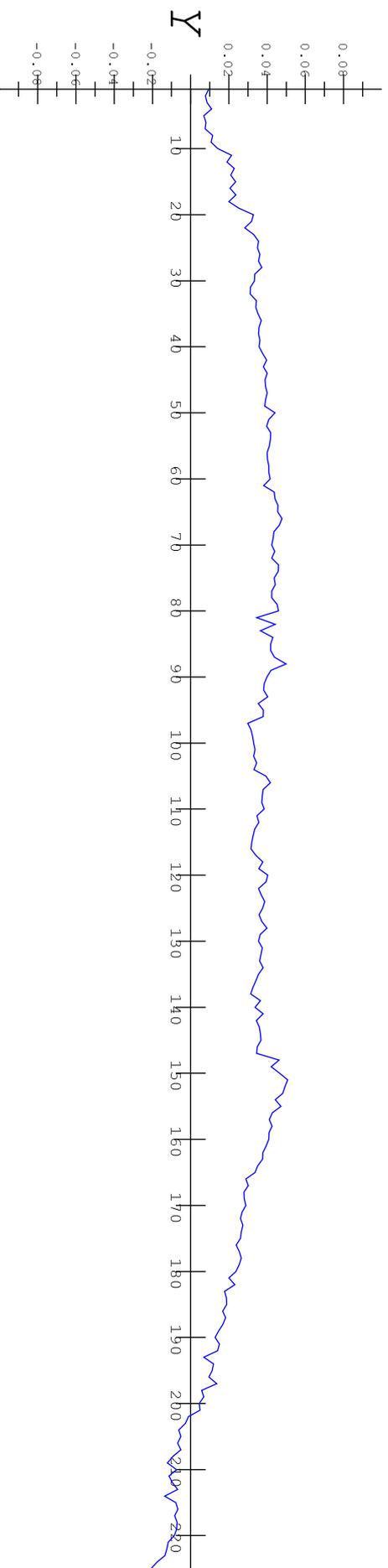
Leitz
QUINDOS

FLATNESS
ISO 1101

Inspector :Quindos
Date:06-JUL-2007
Time:08:08:00

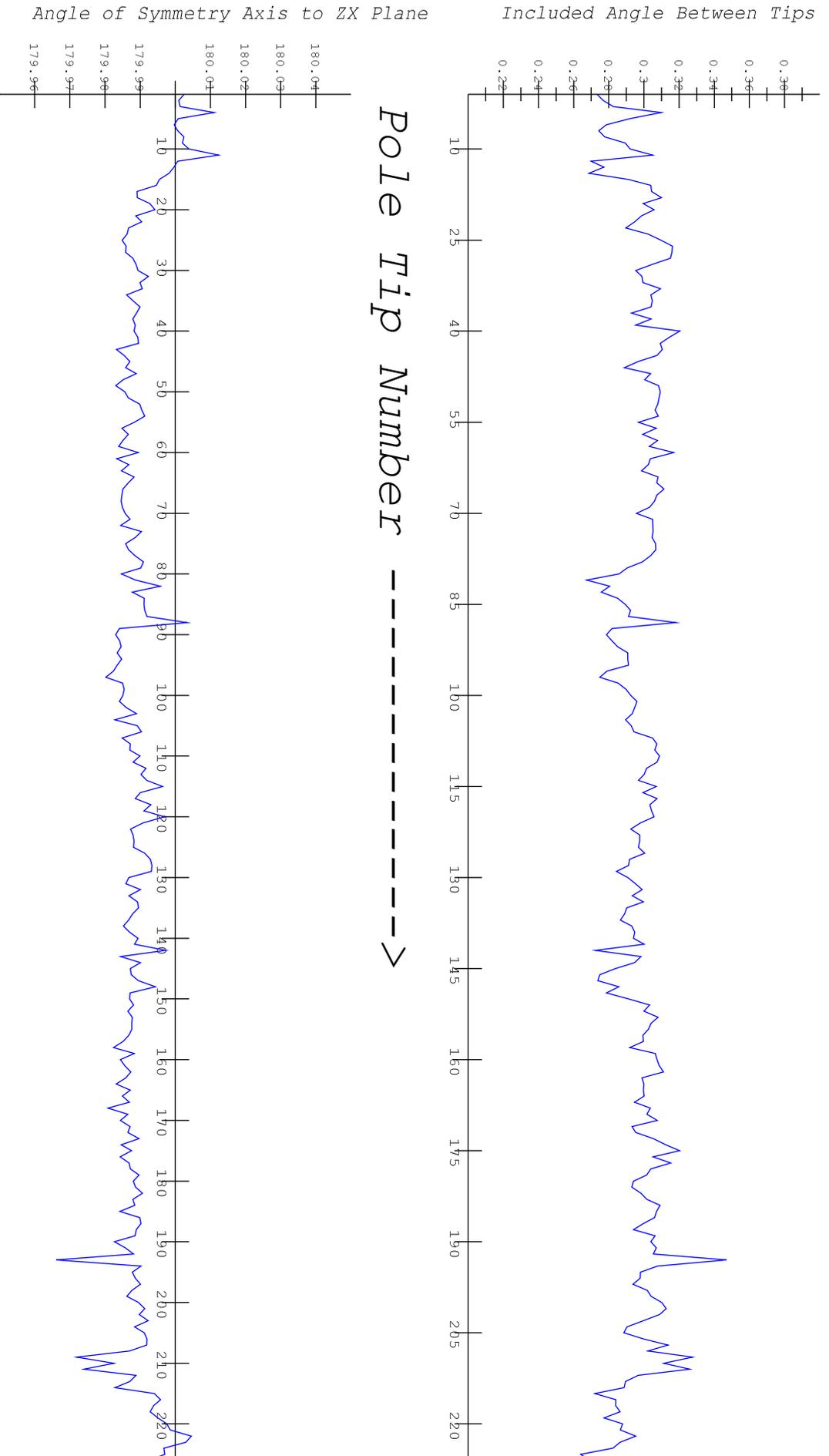


Pole Tip Number ----->



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: 06-JUL-2007 UNDUULATOR # 15</p>
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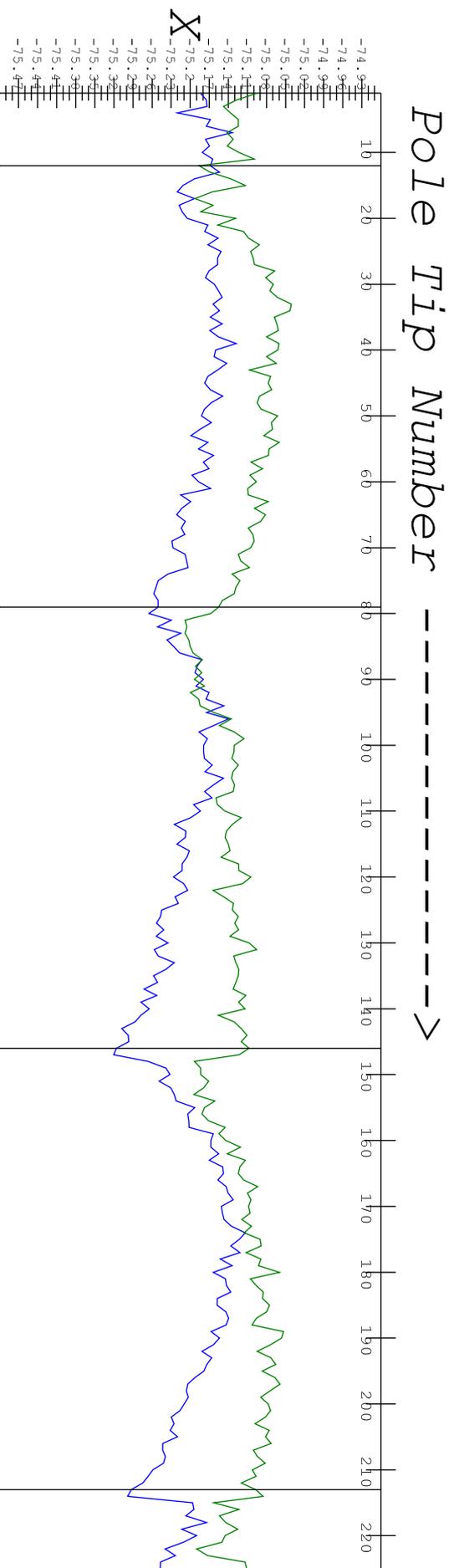


*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
 Included Angle is the angle between the Upper and Lower Pole Tips*

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*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 06-JUL-2007
 UNDUULATOR # 15

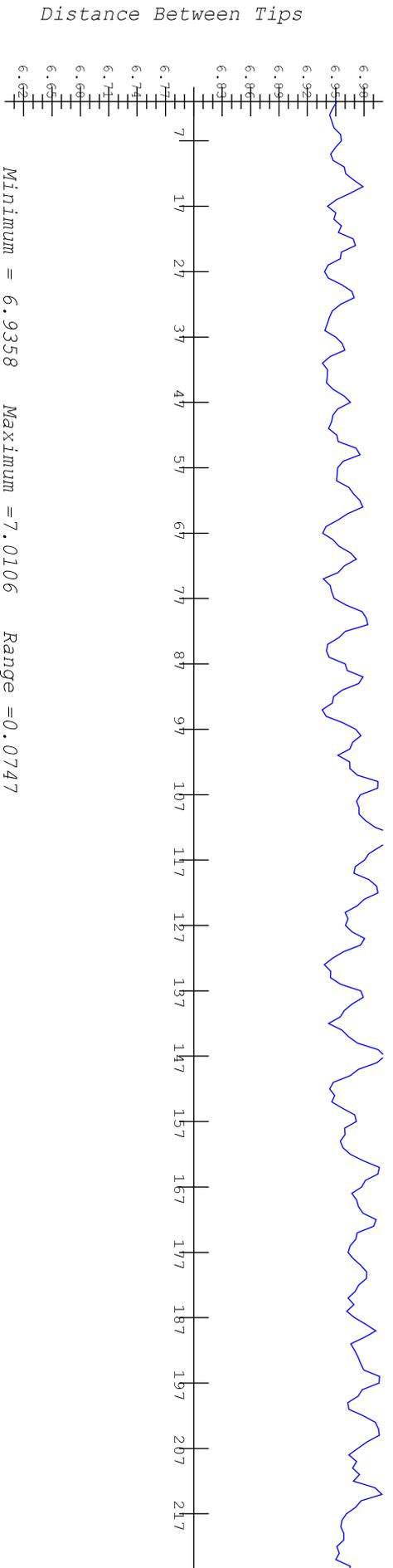


Green = Point on Front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on Front face of Lower Pole Tip 10mm below Nominal C/L

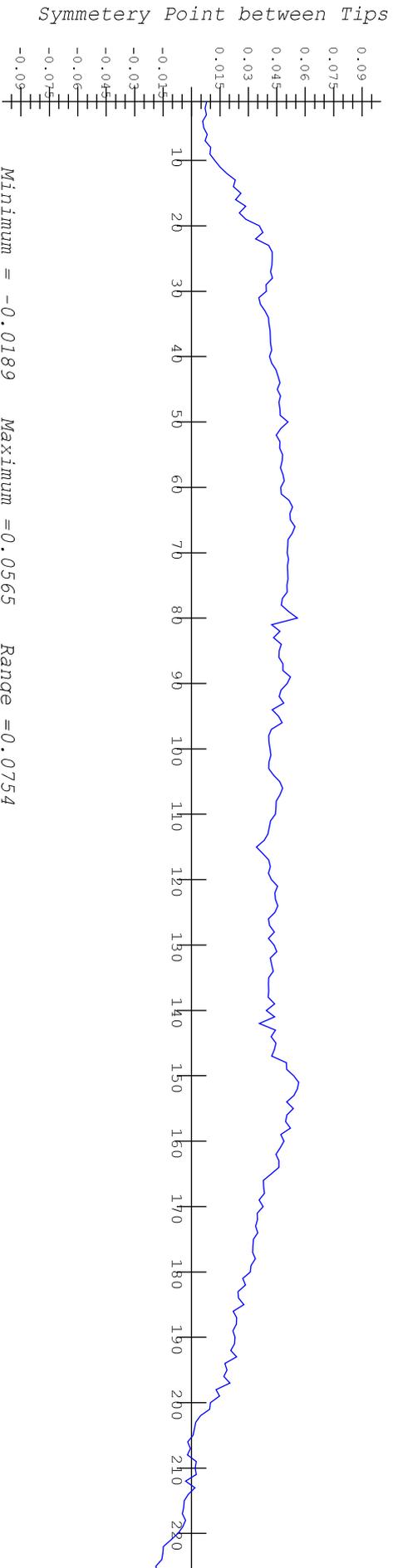
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Undulator Pole Tip Location
 Measured unrestrained

DATE: 06-JUL-2007
 UNDUULATOR # 15



Pole Tip Number ----->

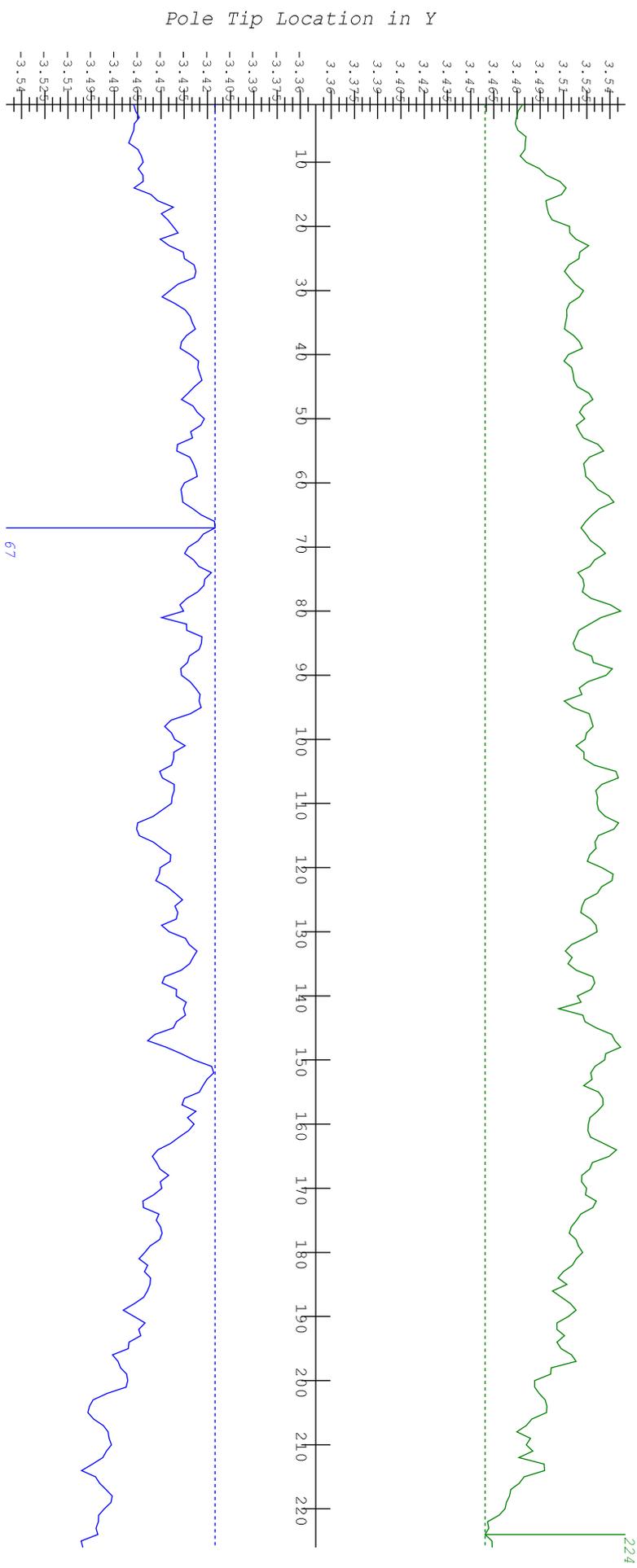


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p style="font-size: small; margin: 0;"> SLAC LCLS-MMF LEITZ CMM </p>	<p style="font-size: x-large; margin: 0;">Undulator Pole Tip Location</p> <p style="font-size: large; margin: 0;">Measured unrestrained</p>	<p style="font-size: x-large; margin: 0;">DATE: 06-JUL-2007</p> <p style="font-size: large; margin: 0;">UNDUULATOR # 15</p>
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MINIMUM GAP = 6.8743

Minimum = 3.4593 Maximum = 3.5470 Range = 0.0877



Minimum = -3.5016 Maximum = -3.4150 Range = 0.0866

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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Undulator Pole Tip Location
Measured unrestrained

DATE: 06-JUL-2007
UNDUULATOR # 15