

Actual points : * * * Neg. Deviation : ———— Pos. Deviation : ————

Notation : **UNDULATOR**

Producer :

Draw. No. :

Ser. No. : **25**

Part No. :

Department:

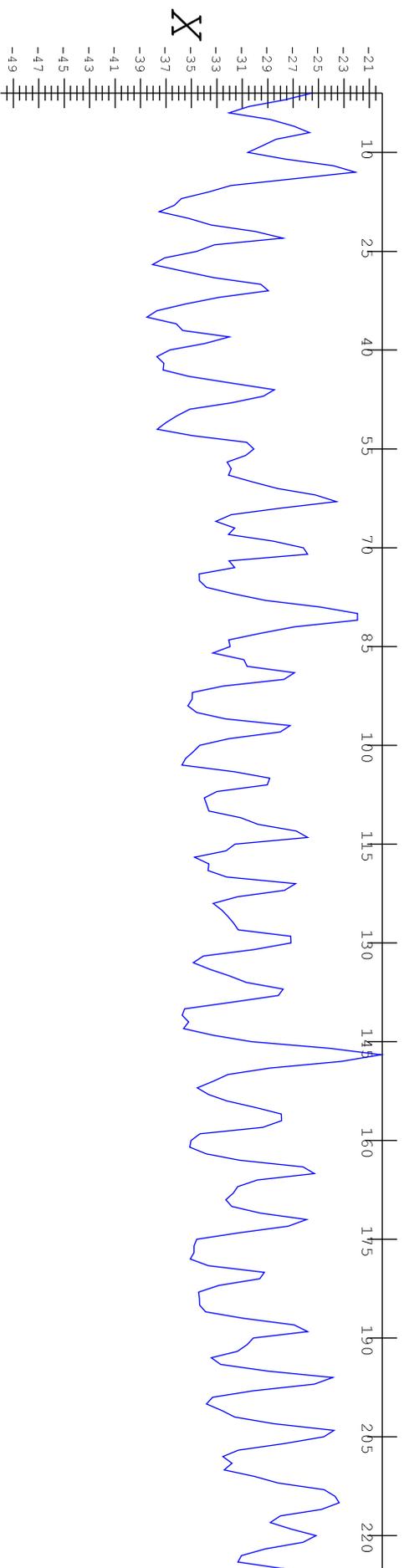
Element : **PLA_B**

		X	Y	Z	No.	
Form	0.0720	Neg. Deviat.: -0.0472	115.4652	-97.4814	-3381.328	27
Error Magnif.:	3000	Pos. Deviat.: 0.0247	115.5444	-95.4918	-1716.049	37
No. of points:	46					

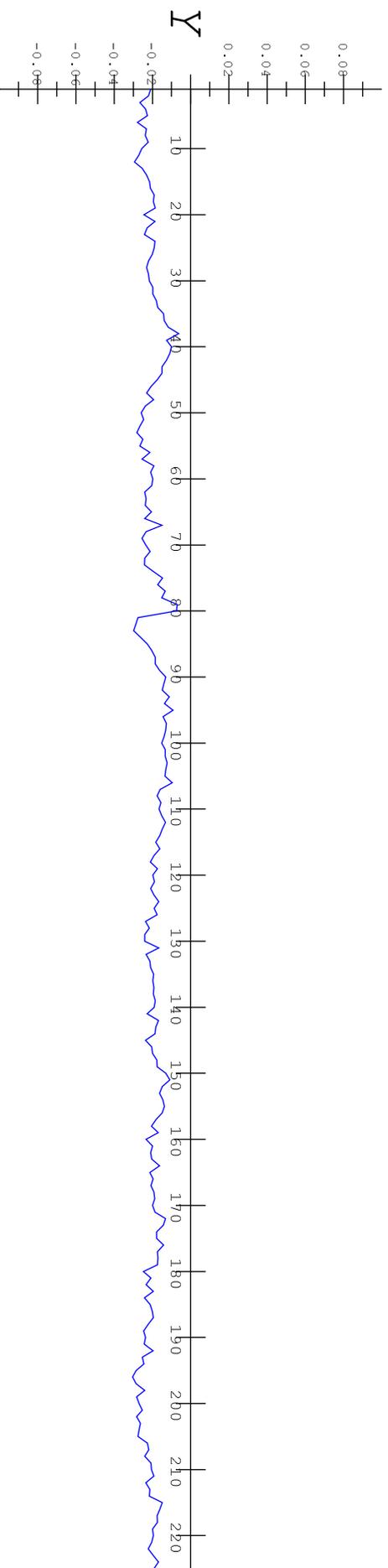


FLATNESS
ISO 1101

Inspector :Quindos
Date:17-JUL-2007
Time:09:09:45

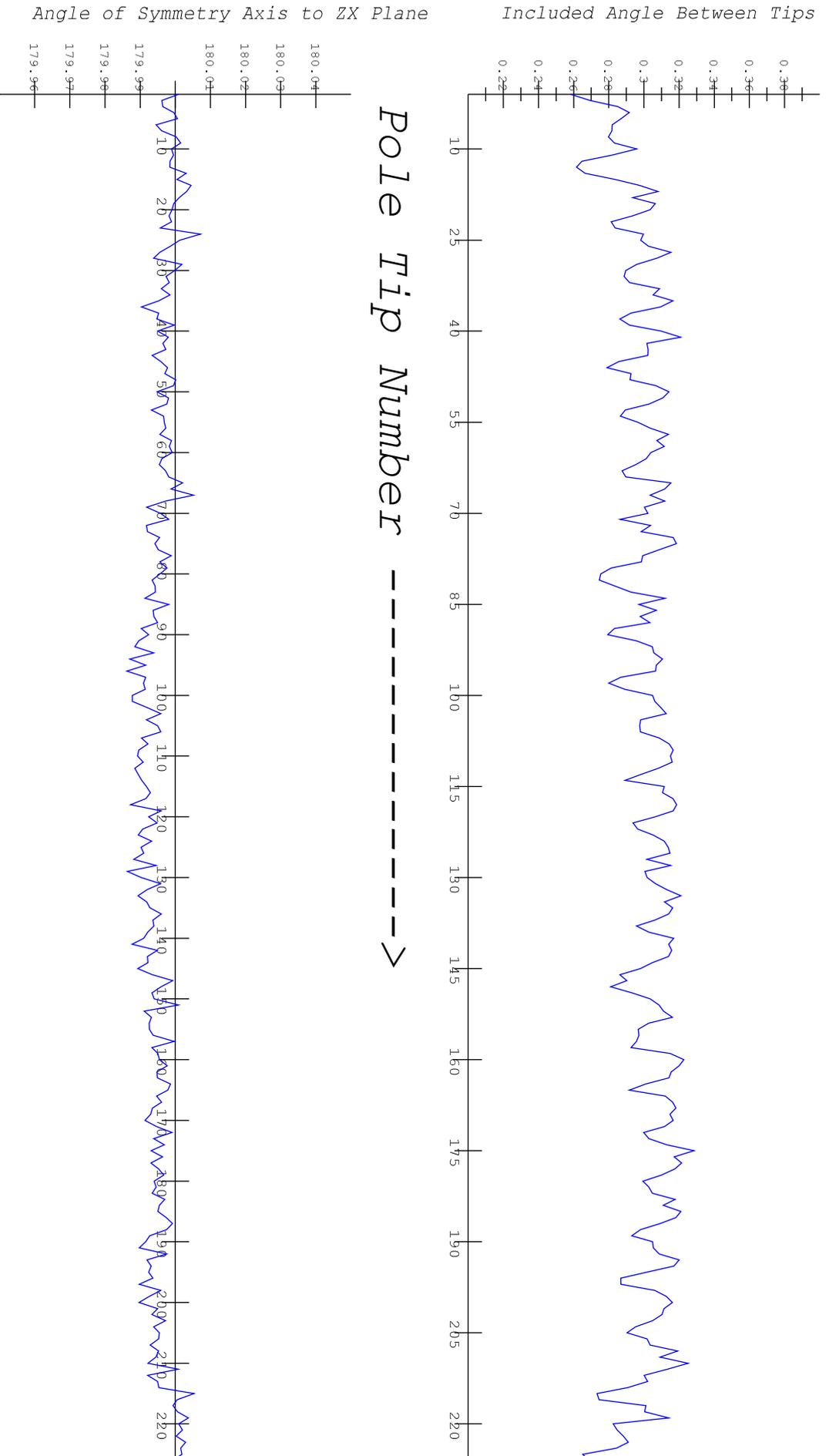


Pole Tip Number ----->



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: 17-JUL-2007 UNDUULATOR # 25</p>
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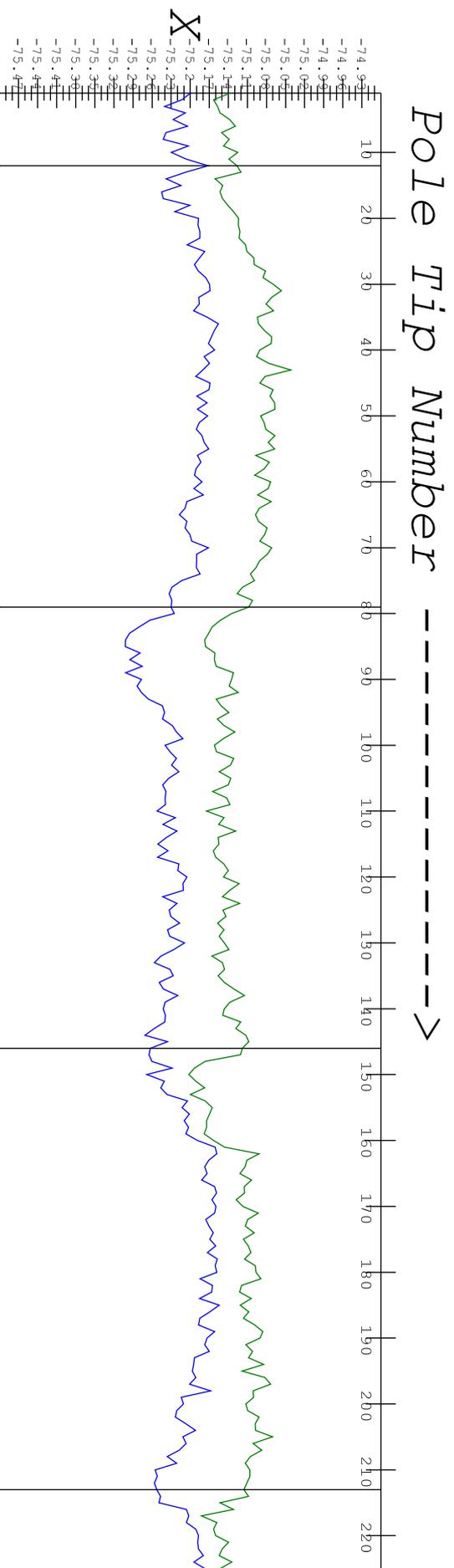


*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips*

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*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 17-JUL-2007
 UNDUULATOR #25

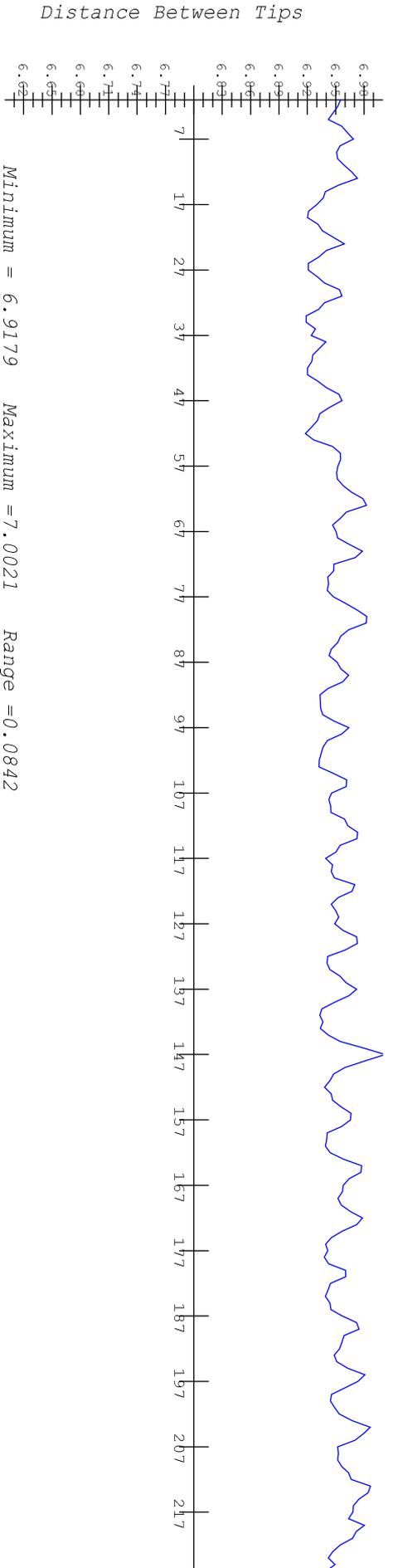


Green = Point on front face of Upper Pole Tip 10mm above Nominal C/L
 Blue = Point on front face of Lower Pole Tip 10mm below Nominal C/L

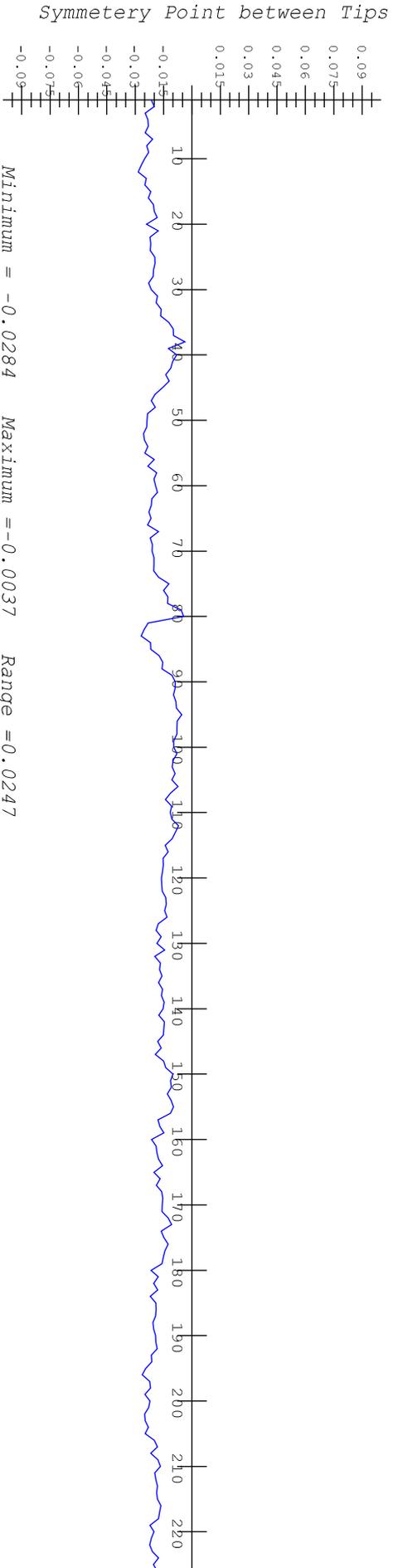
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Undulator Pole Tip Location
 Measured unrestrained

DATE: 17-JUL-2007
 UNDIULATOR # 25



Pole Tip Number ----->

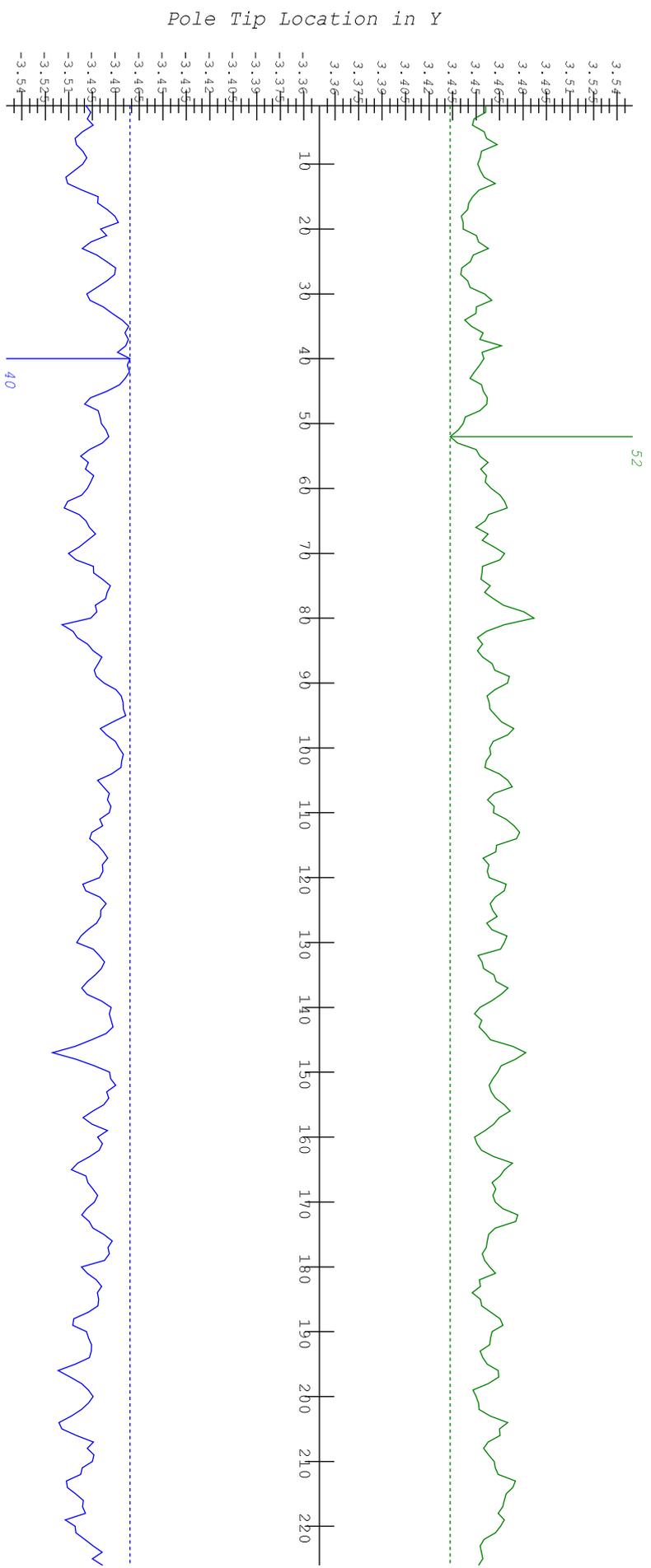


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<p style="margin: 0;"> SLAC 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: 17-JUL-2007</p> <p style="margin: 0;">UNDUULATOR #25</p>
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MINIMUM GAP = 6.9044

Minimum = 3.4334 Maximum = 3.4870 Range = 0.0536



Minimum = -3.5205 Maximum = -3.4710 Range = 0.0494

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: 17-JUL-2007
UNDUULATOR # 25