

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

Notation : **UNDULATOR**
 Ser. No. : **21**
 Element : **PLA_B**

Producer :
 Part No. :

Draw. No. :
 Department:

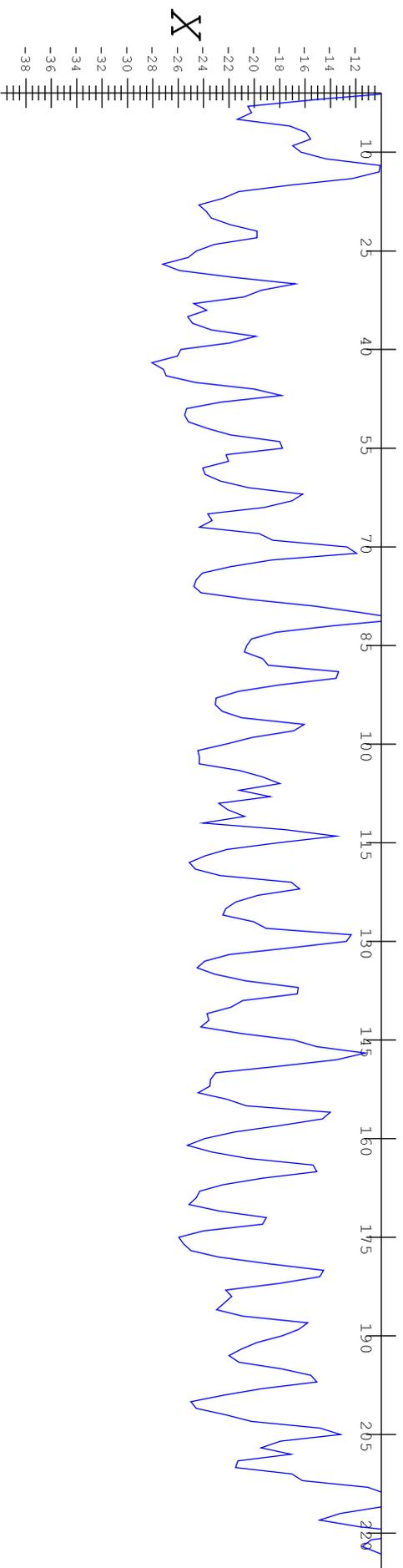
		X	Y	Z	No.	
Form	0.1459	Neg. Deviat.: -0.0763	115.4712	-92.4999	-3381.629	31
Error Magnif.:	3000	Pos. Deviat.: 0.0697	115.6358	90.5005	-2453.719	23
No. of points:	62					

MESSTECHNIK WETZLAR

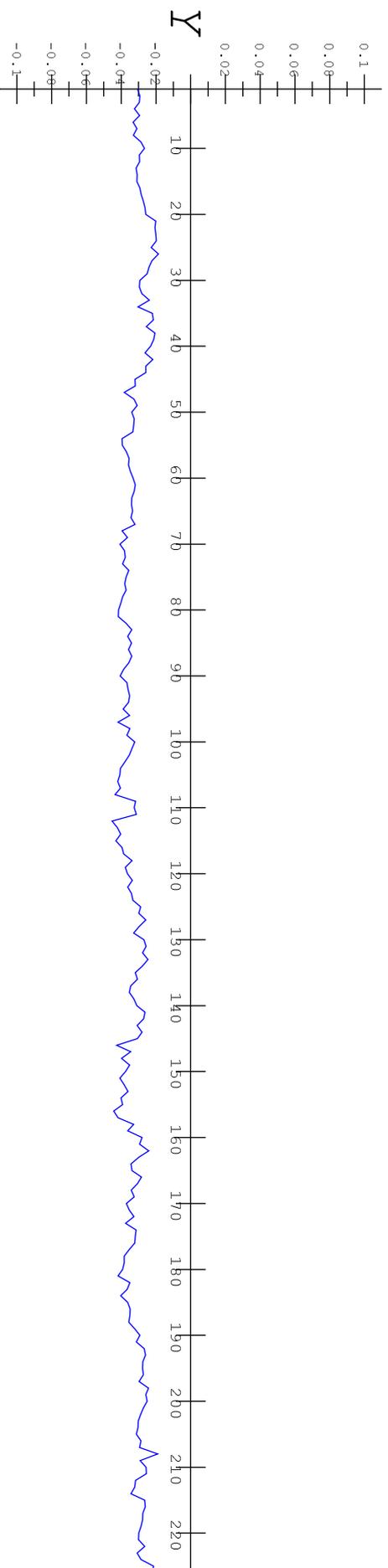


FLATNESS
ISO 1101

Inspector : Quindos
 Date: 07-NOV-2007
 Time: 10:13:24

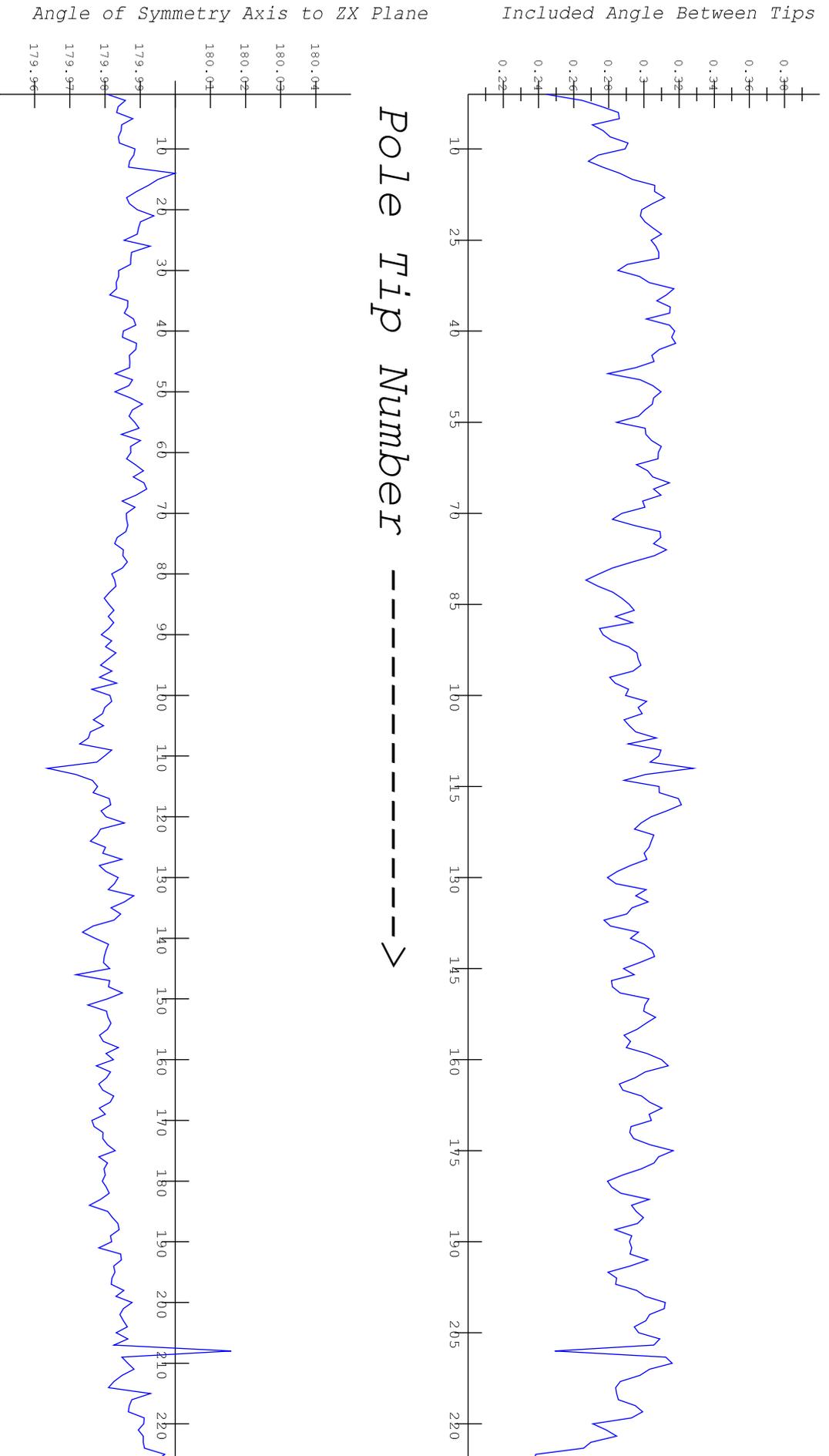


Pole Tip Number ----->



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: 07-NOV-2007 UNDUULATOR # 21</p>
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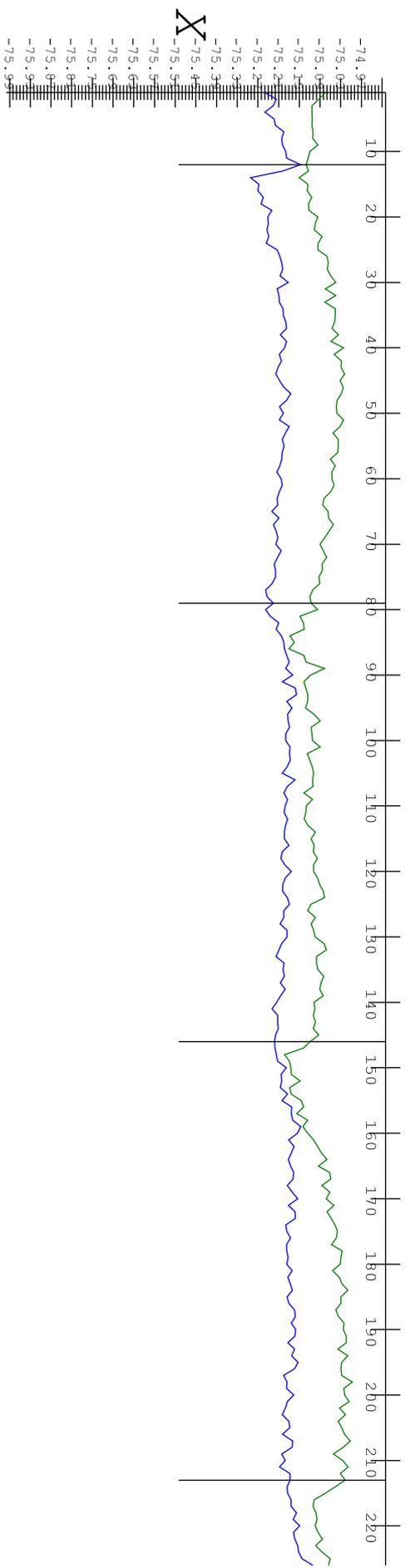
*Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
 Included Angle is the angle between the Upper and Lower Pole Tips*

SLAC
 LCLS-MMF
 LEITZ CMM

*Undulator Pole Tip Angles
 Measured unrestrained*

DATE: 07-NOV-2007
 UNDUULATOR # 21

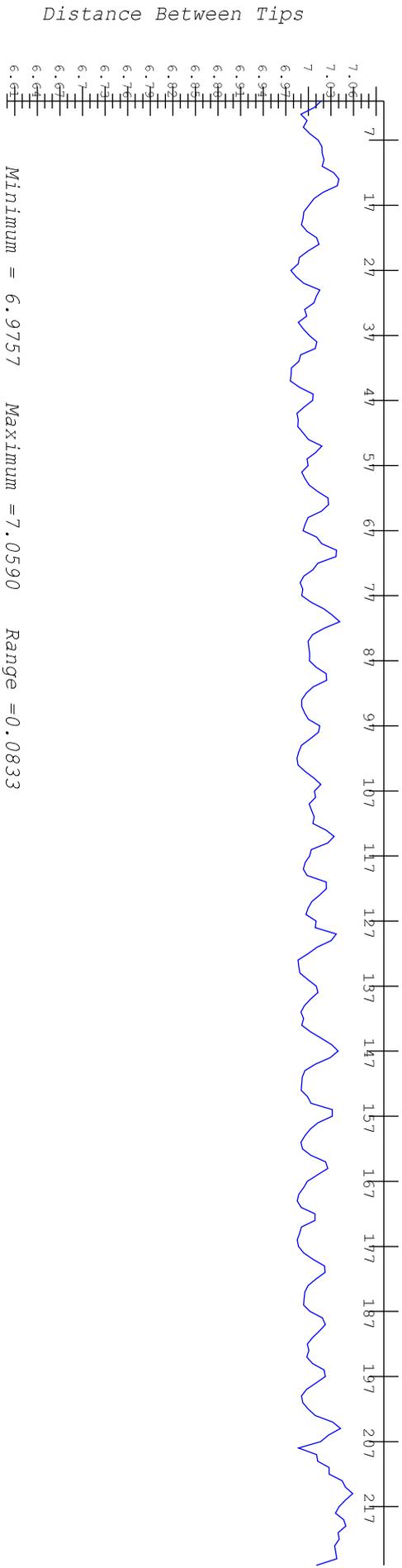
Pole Tip Number ----->



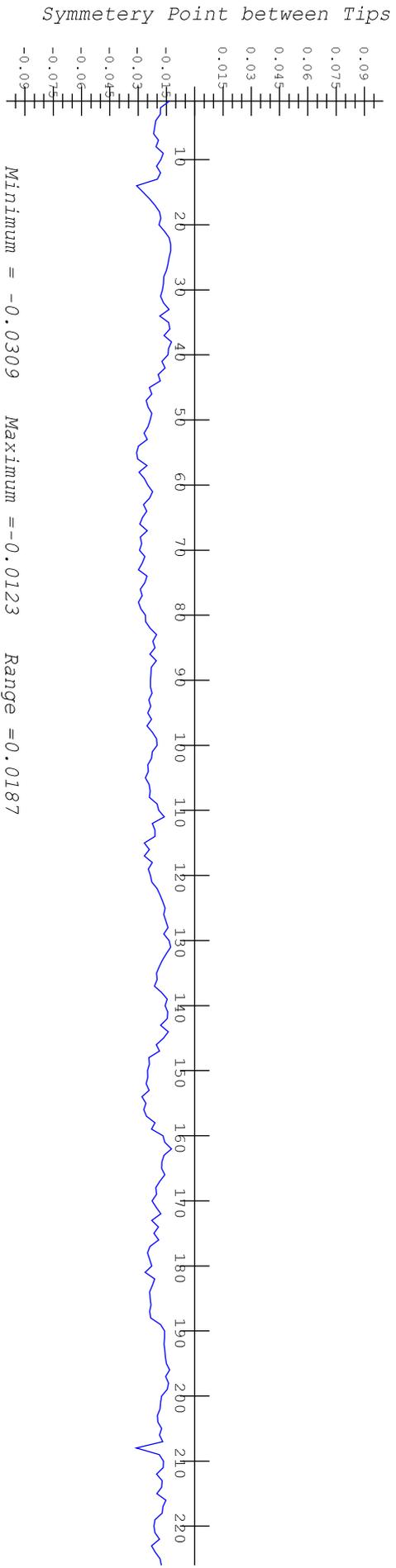
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 LEITZ CMM

Undulator Pole Tip Location
 Measured unrestrained

DATE: 07-NOV-2007
 UNDUULATOR # 21



Pole Tip Number ----->

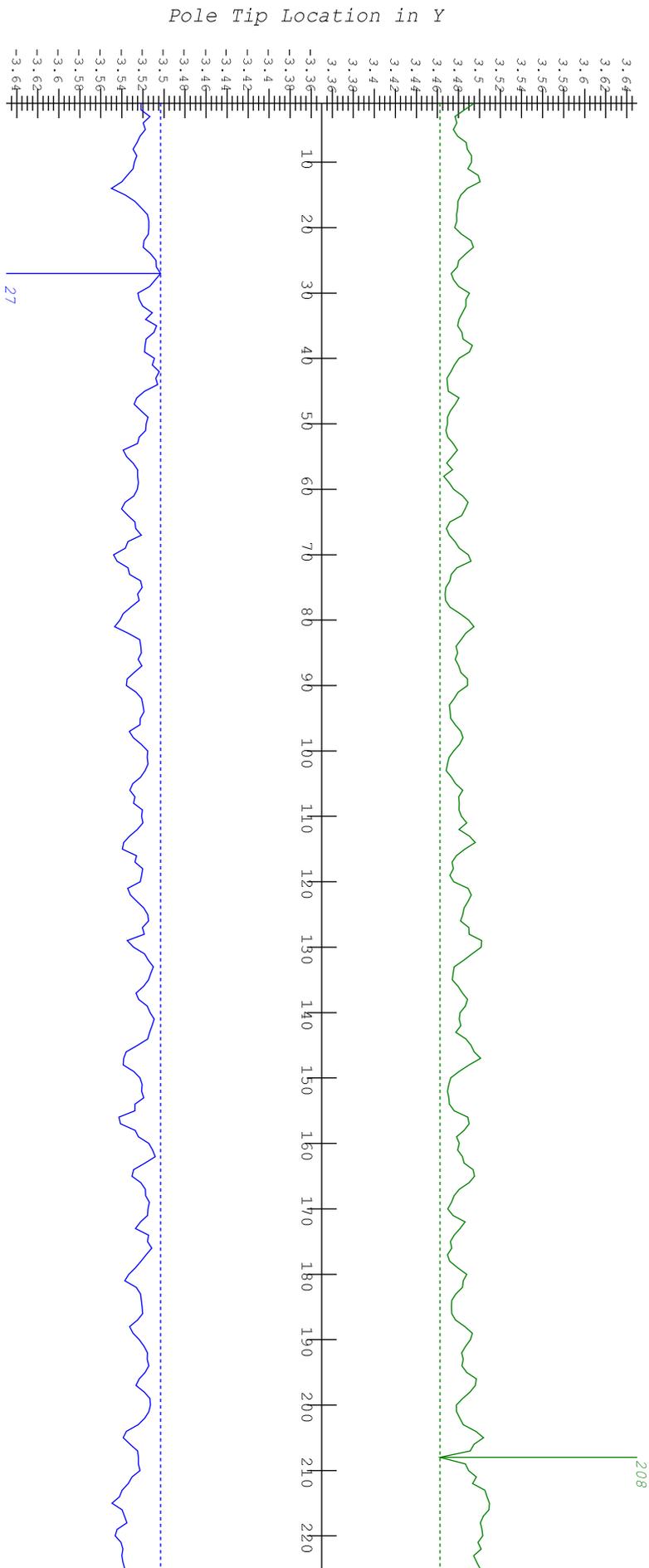


Symmetry Point is the symmetry point between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-
 Distance Between Tips is the distance between the Upper and Lower Pole Tips were they intersect a plane 53mm from Datum -B-

<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: 07-NOV-2007</p> <p style="margin: 0;">UNDUULATOR # 21</p>
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MINIMUM GAP = 6.9657

Minimum = 3.4624 Maximum = 3.5094 Range = 0.0470



Minimum = -3.5500 Maximum = -3.5033 Range = 0.0466

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: 07-NOV-2007
UNDUULATOR # 21