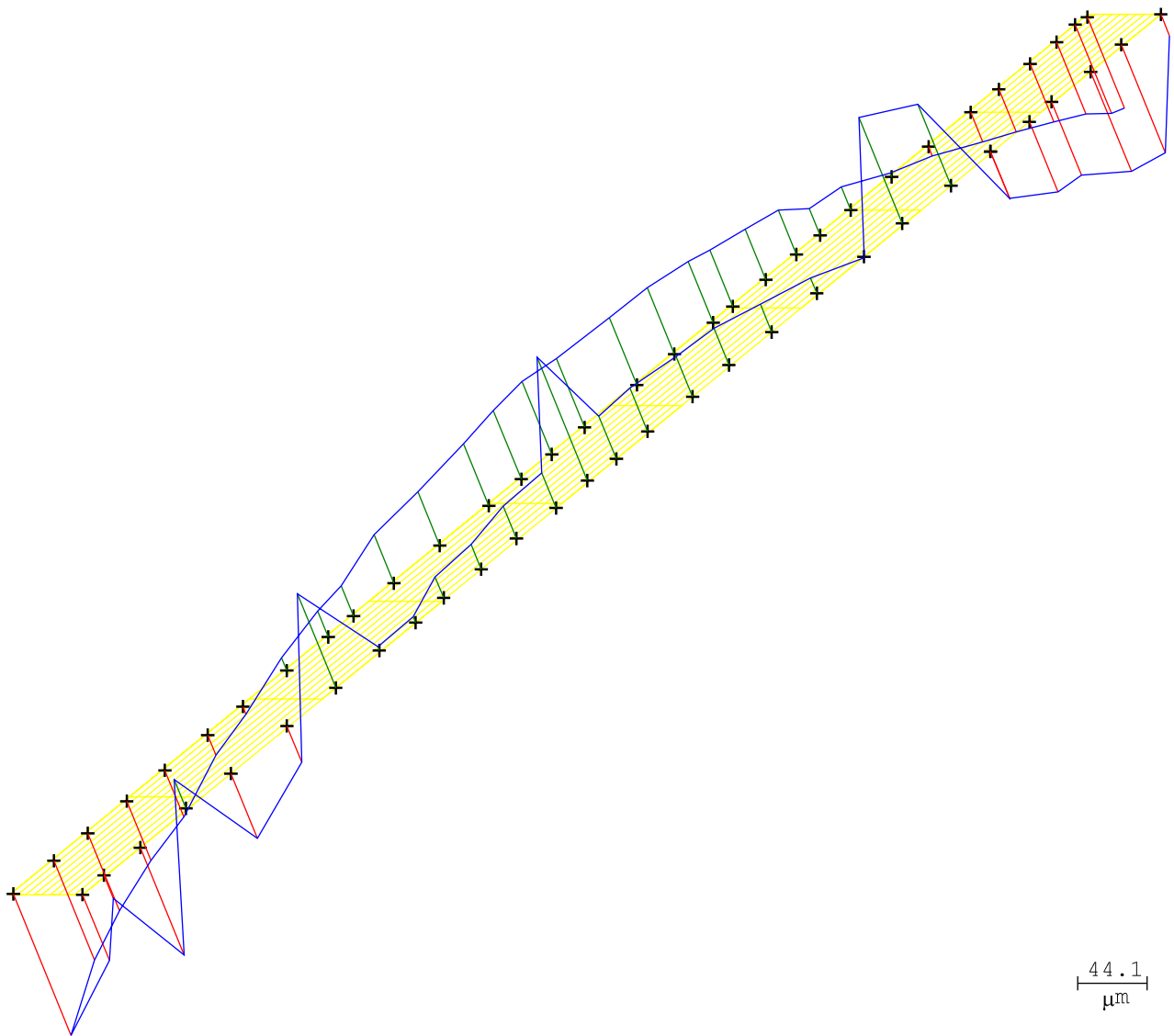




Actual points : * * *

Neg. Deviation : ———

Pos. Deviation : ———

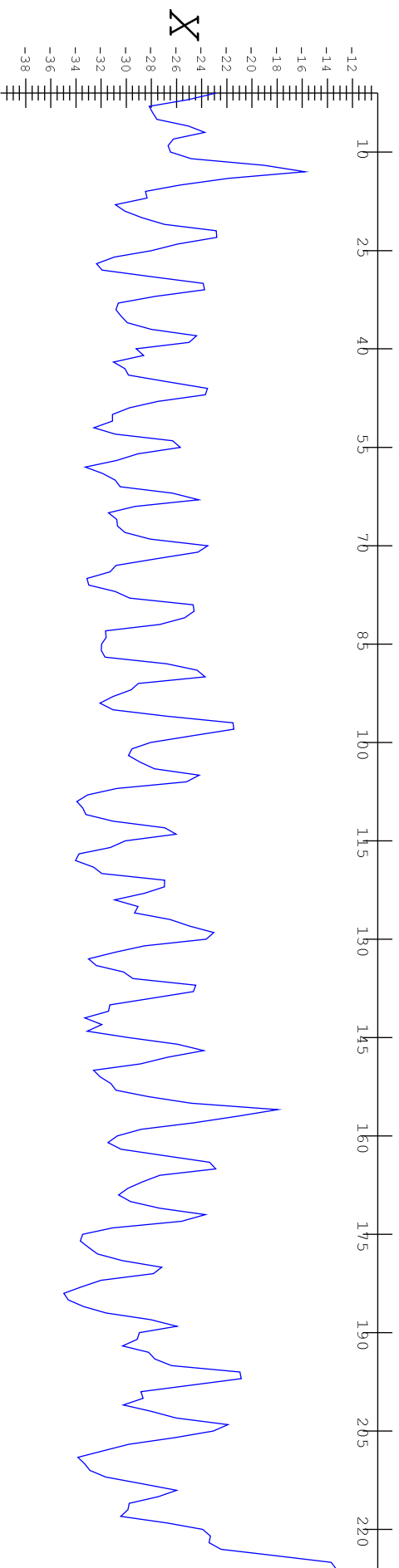
Notation : UNDULATOR	Producer :	Draw. No. :
Ser. No. : 5 shim test 2	Part No. :	Department:
Calcul. .: Bestfit (Gauss)	Filtering: No	Probe dia.: 5 mm
Element : PLA_B		
Form: 0.1944	Neg. Deviat.: -0.1038	115.4673 -92.5015 -3381.629 31
Error Magnif.: 3000	Pos. Deviat.: 0.0906	115.6846 90.4968 -1806.290 17
No. of points: 62		

MESSTECHNIK WETZLAR

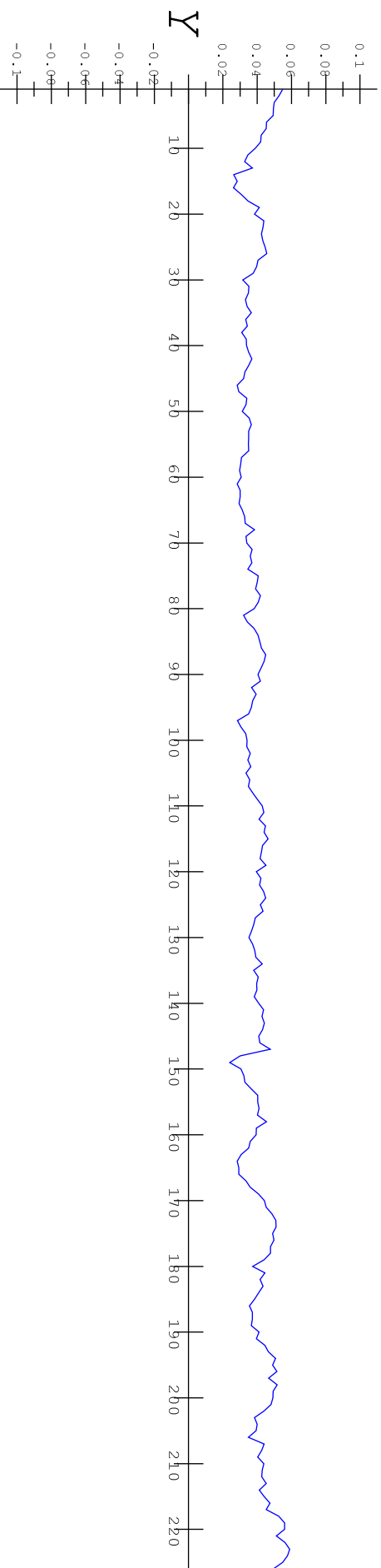


FLATNESS
ISO 1101

Inspector :Quindos
Date:06-JAN-2009
Time:11:06:54

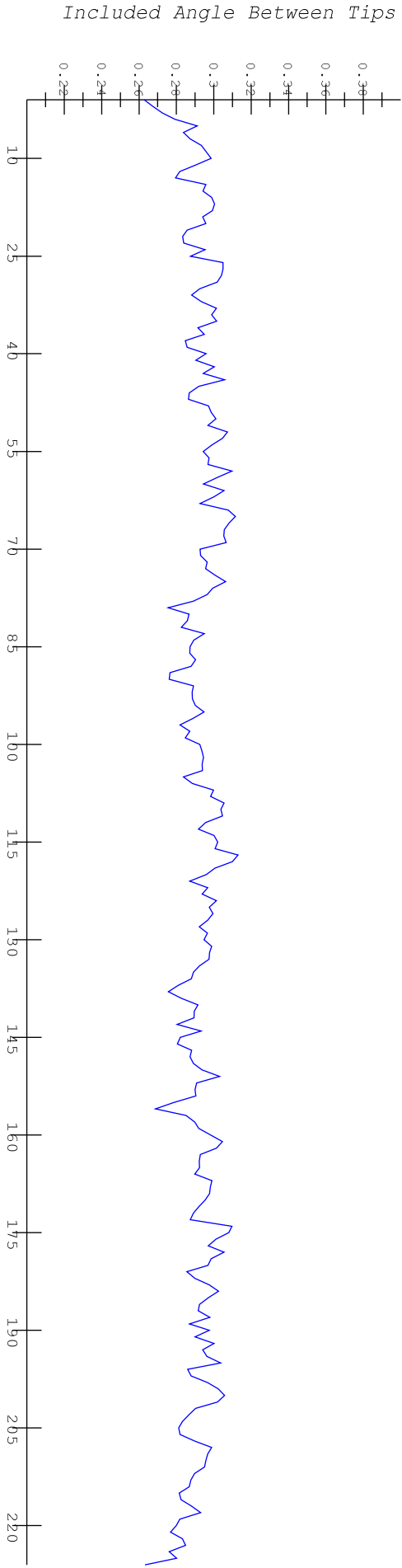


Pole Tip Number ----->

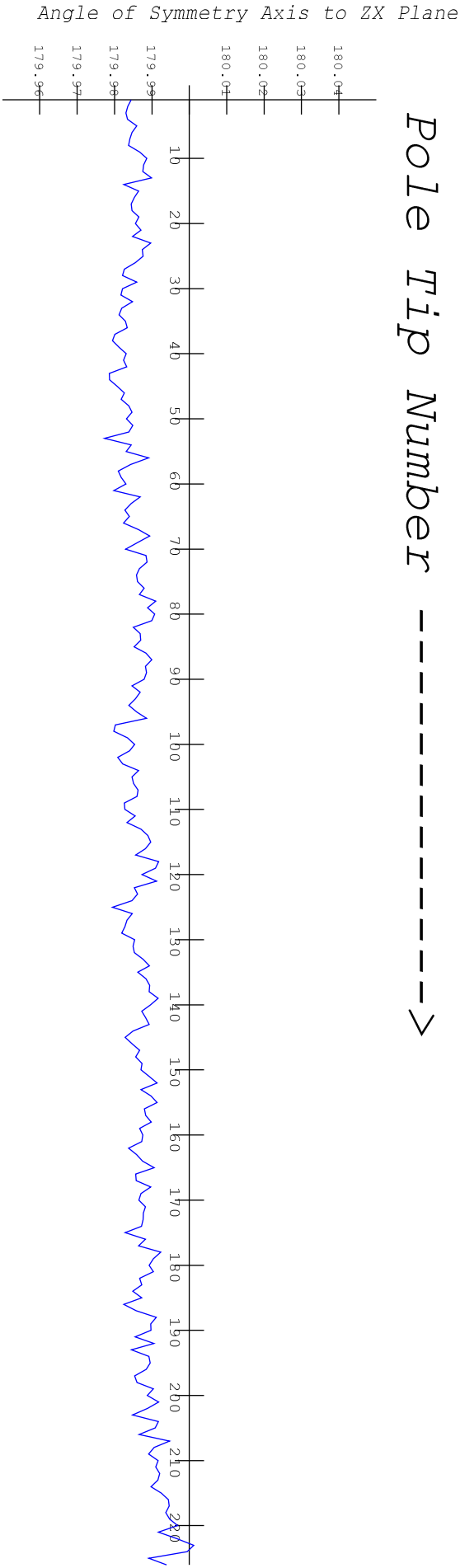


Offsets of Pole Tip Symmetry Point from Nominal Undulator center line
Pole Tip Symmetry Point is the point where the symmetry axis between tips is bisected by the 6.8mm cross section

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Offsets Measured unrestrained	DATE: 06-JAN-2009 UNDULATOR #5 shim test 2
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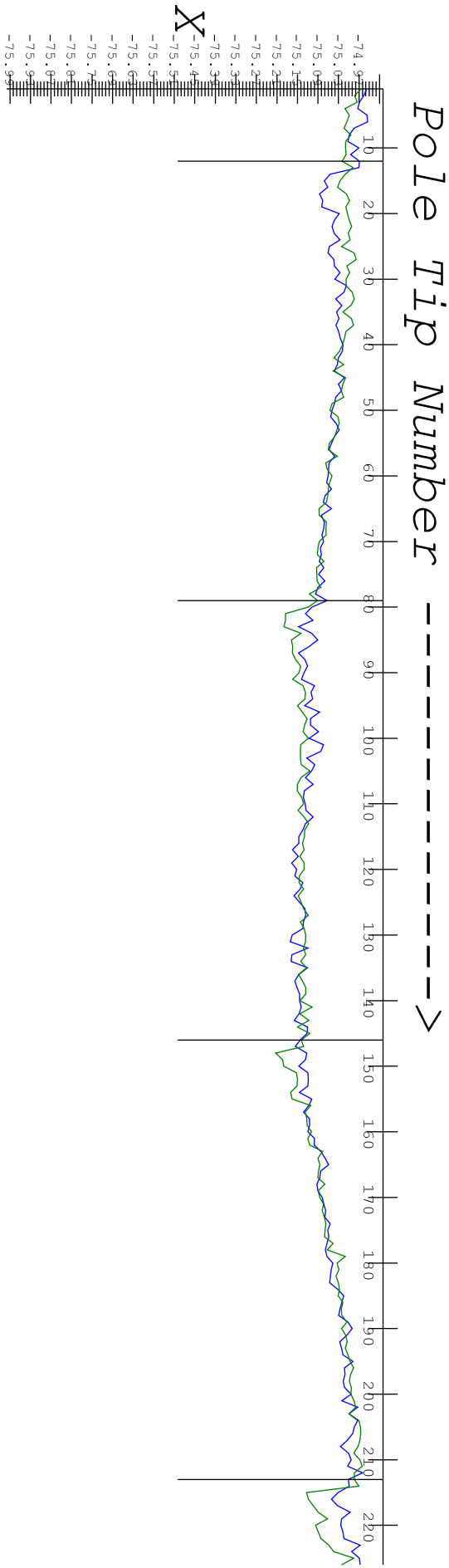


Pole Tip Number ----->

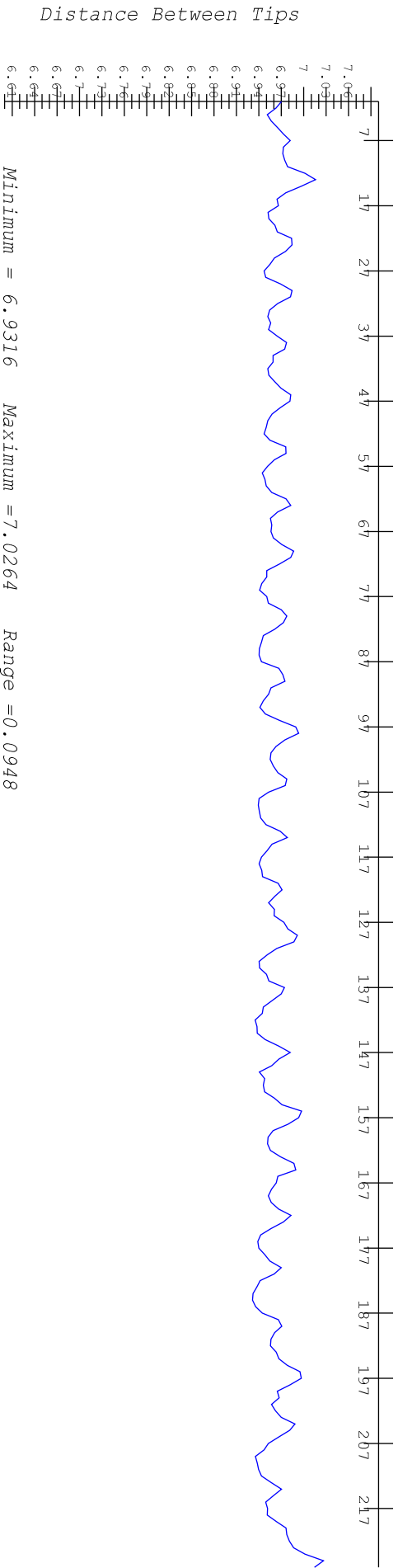


Symmetry Axis is the symmetry axis between the Upper and Lower Pole Tips
Included Angle is the angle between the Upper and Lower Pole Tips

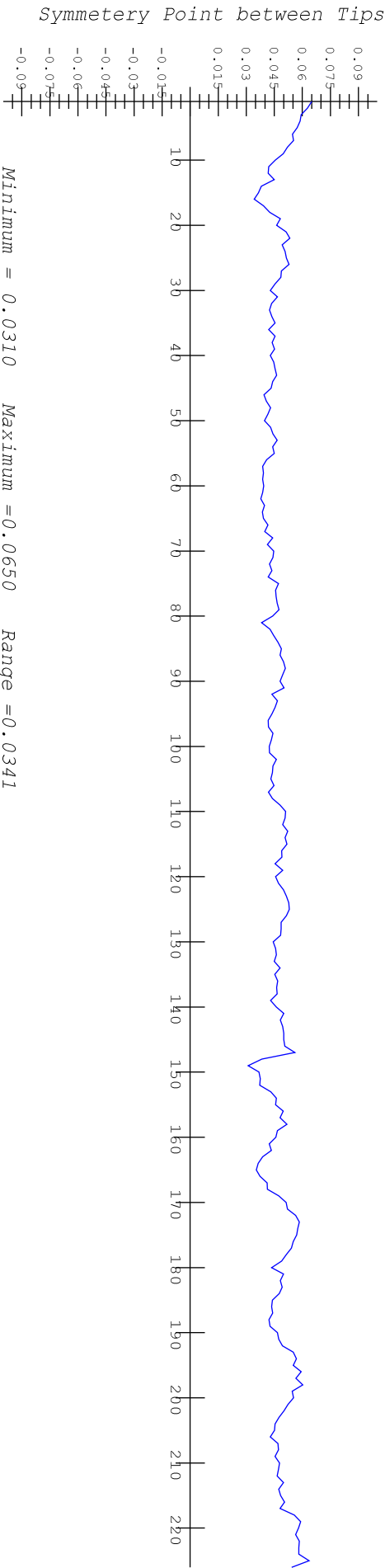
SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Angles Measured unrestrained	DATE: 06-JAN-2009 UNDULATOR #5 shim test 2
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SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE: 06-JAN-2009 UNDUULATOR #5 shim test 2
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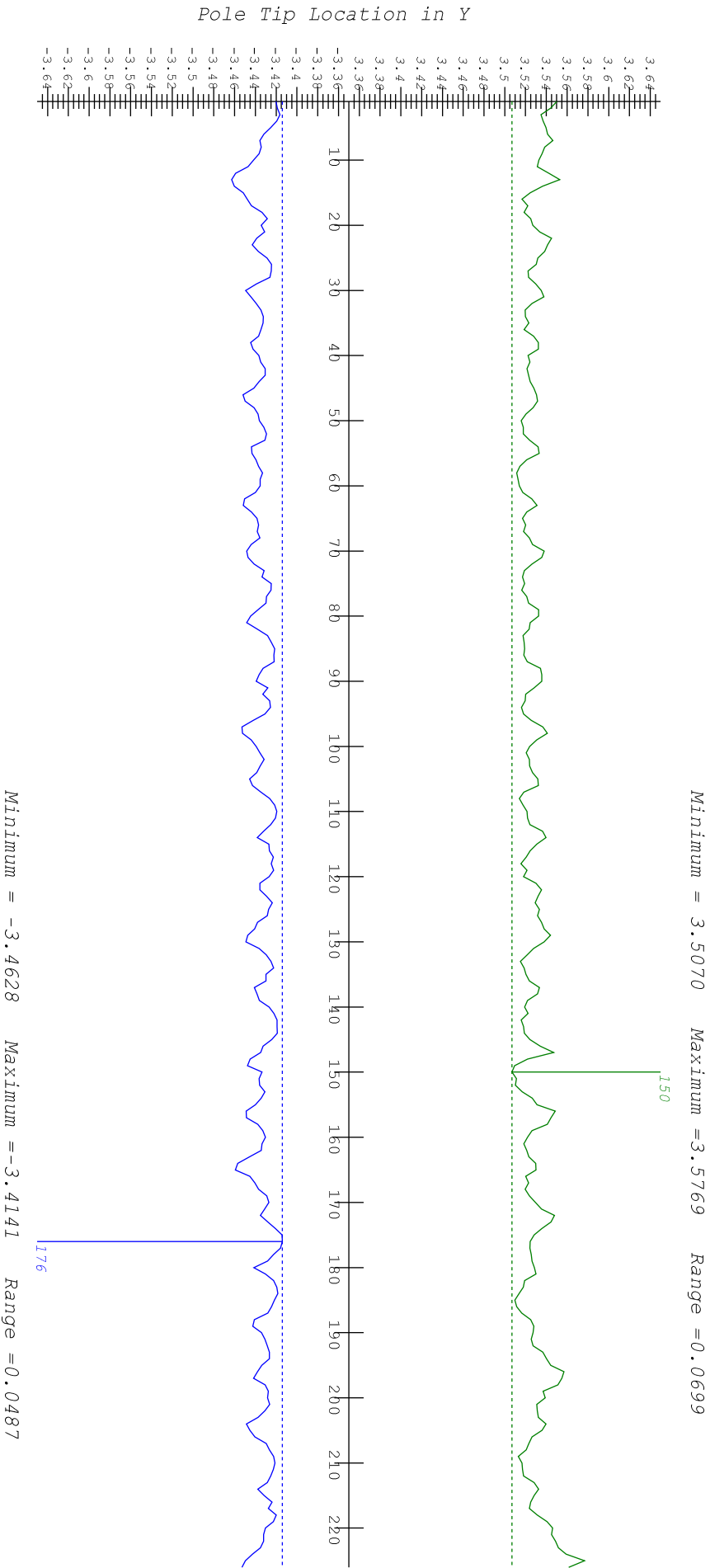
Pole Tip Number ----->



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-

SLAC LCLS-MMF LEITZ CMM	Undulator Pole Tip Location Measured unrestrained	DATE: 06-JAN-2009 UNDULATOR # 5 shim test 2
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MINIMUM GAP = 6.9211



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: 06-JAN-2009 UNDUULATOR # 5 shim test 2
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