

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 1

Regression Line Through Points =   
 Dimensions in mm

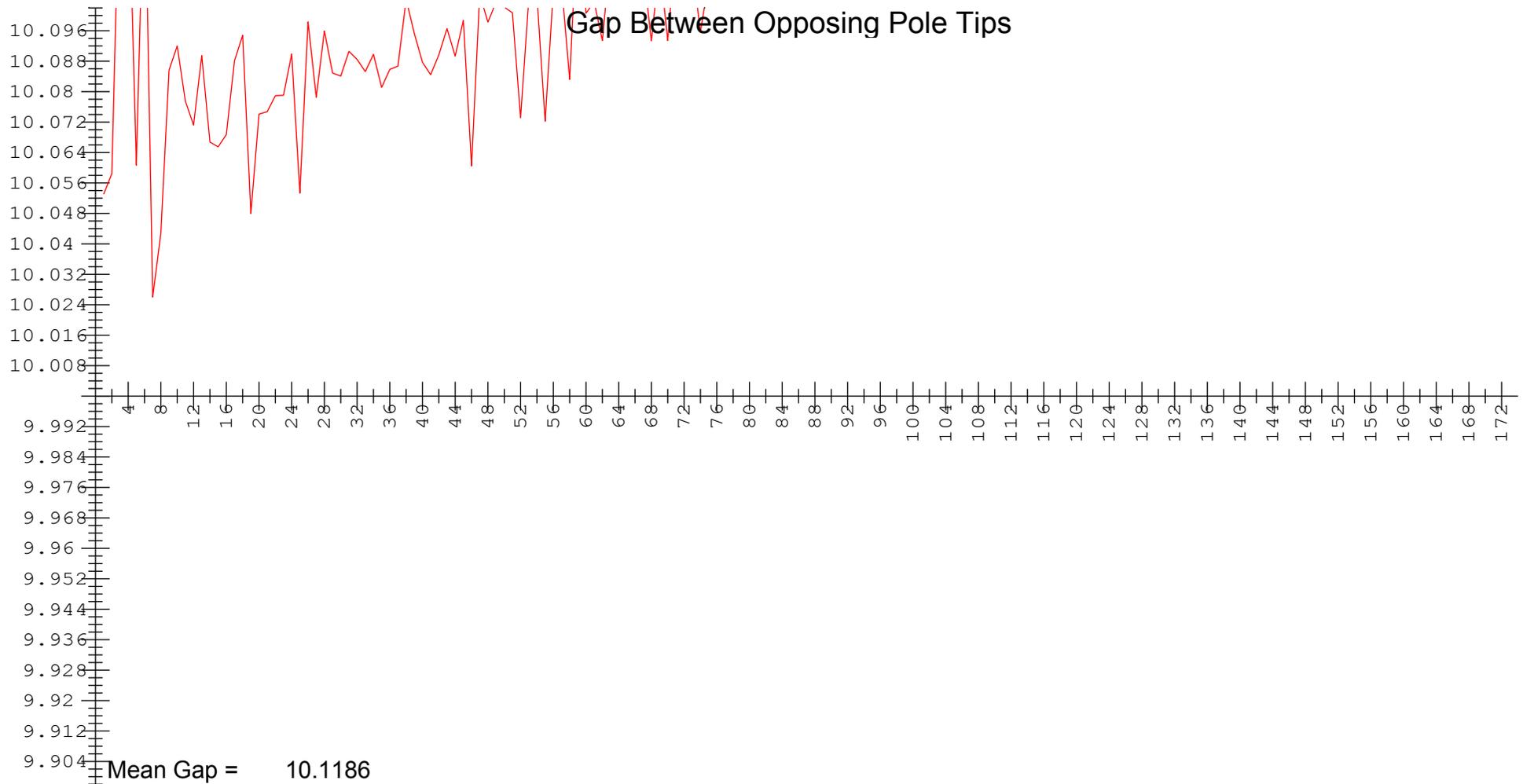


**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.100

Gap Reading = 10.0500    US Encoder = 10.0000    DS Encoder = 10.1000

17-APR-2019  
 S/N = 002  
 D/S = 0001  
 Run = 10



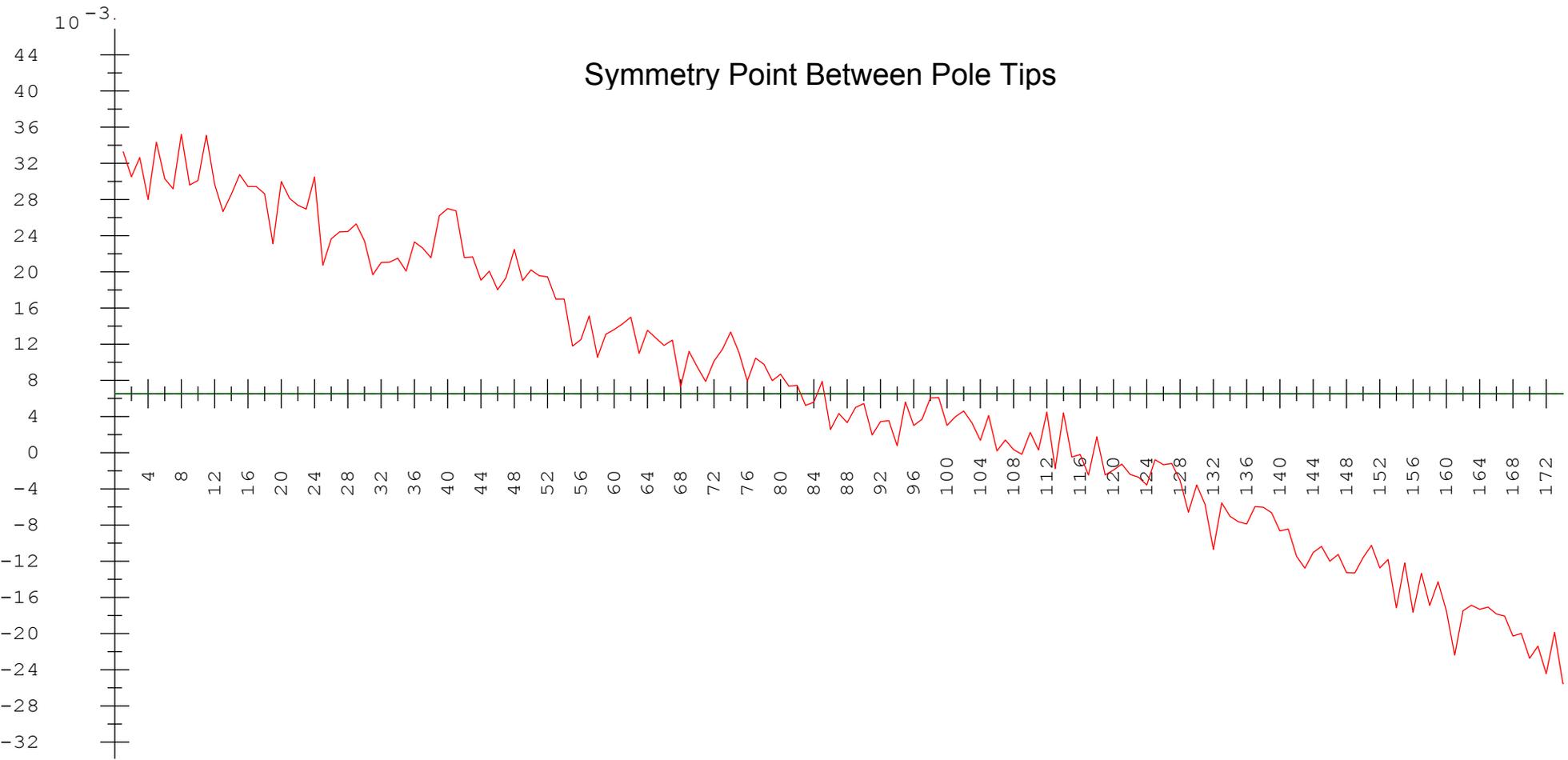
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Mean Symmetry Value = 0.0065

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## Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
<b>Top</b>	5.0686	5.0674	5.0643	5.0630
<b>Bottom</b>	-5.0025	-5.0246	-5.0804	-5.1030
<b>Gap</b>	10.0711			10.1660
<b>Taper</b>				0.0949

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0658	-5.0528	10.1186	0.0065

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.301</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.030</b>
<b>Minimum Effective Gap</b>	<b>10.026</b>
<b>Reference Block Gap</b>	<b>6.810</b>

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