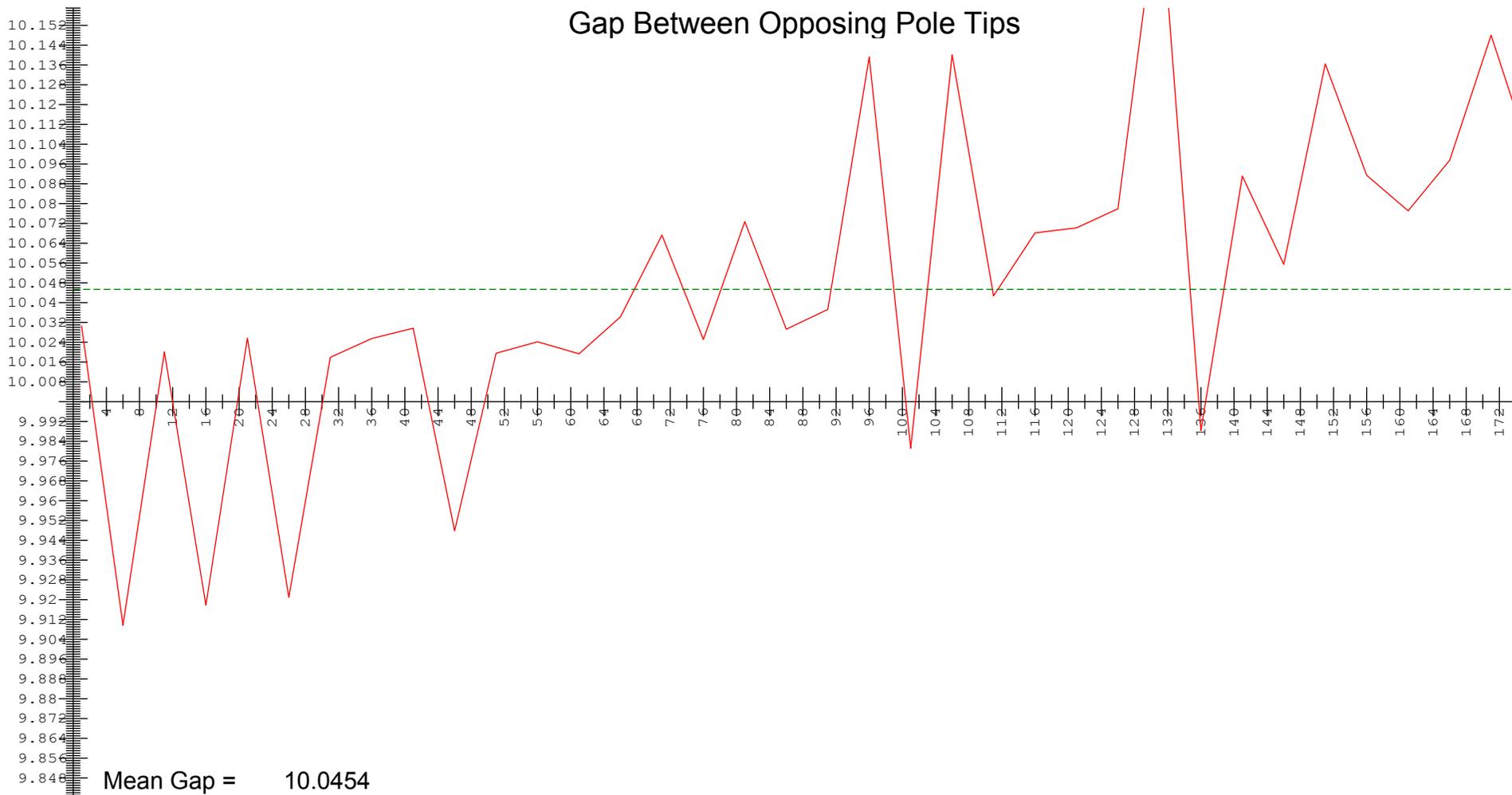


Minimum Effective Gap = 9.910

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 5

Regression Line Through Points = -----  
 Dimensions in mm

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 10</p> <p style="margin: 0;">Gap Reading = 10.0500    US Encoder = 10.0000    DS Encoder = 10.1000</p>	<p style="margin: 0;">20-FEB-2018</p> <p style="margin: 0;">S/N = 005</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 08</p>
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Step Between Measured Pole Tips = 5

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10

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

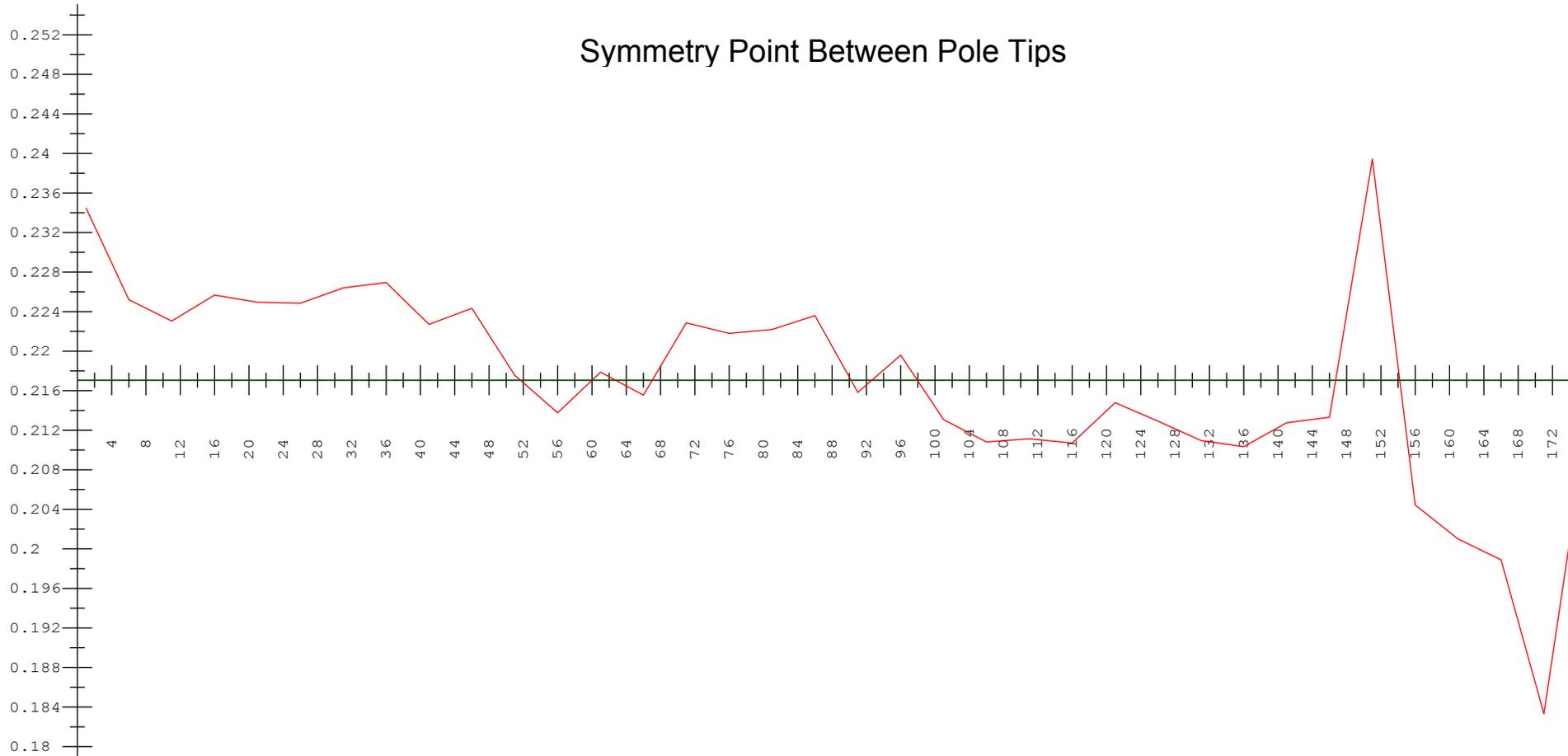
20-FEB-2018

S/N = 005

D/S = 0001

Run = 08

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2171

Step Between Measured Pole Tips = 5

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10

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

20-FEB-2018

S/N = 005

D/S = 0001

Run = 08

## 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>	5.2151	5.2260	5.2537	5.2649
<b>Bottom</b>	-4.7566	-4.7786	-4.8339	-4.8564
<b>Gap</b>	9.9717			10.1214
<b>Taper</b>				0.1496

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2397	-4.8056	10.0454	0.2171

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.292</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.015</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.030</b>
<b>Minimum Effective Gap</b>	<b>9.910</b>
<b>Reference Block Gap</b>	<b>6.807</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10

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

20-FEB-2018

S/N = 005

D/S= 0001

Run= 08