

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 30

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

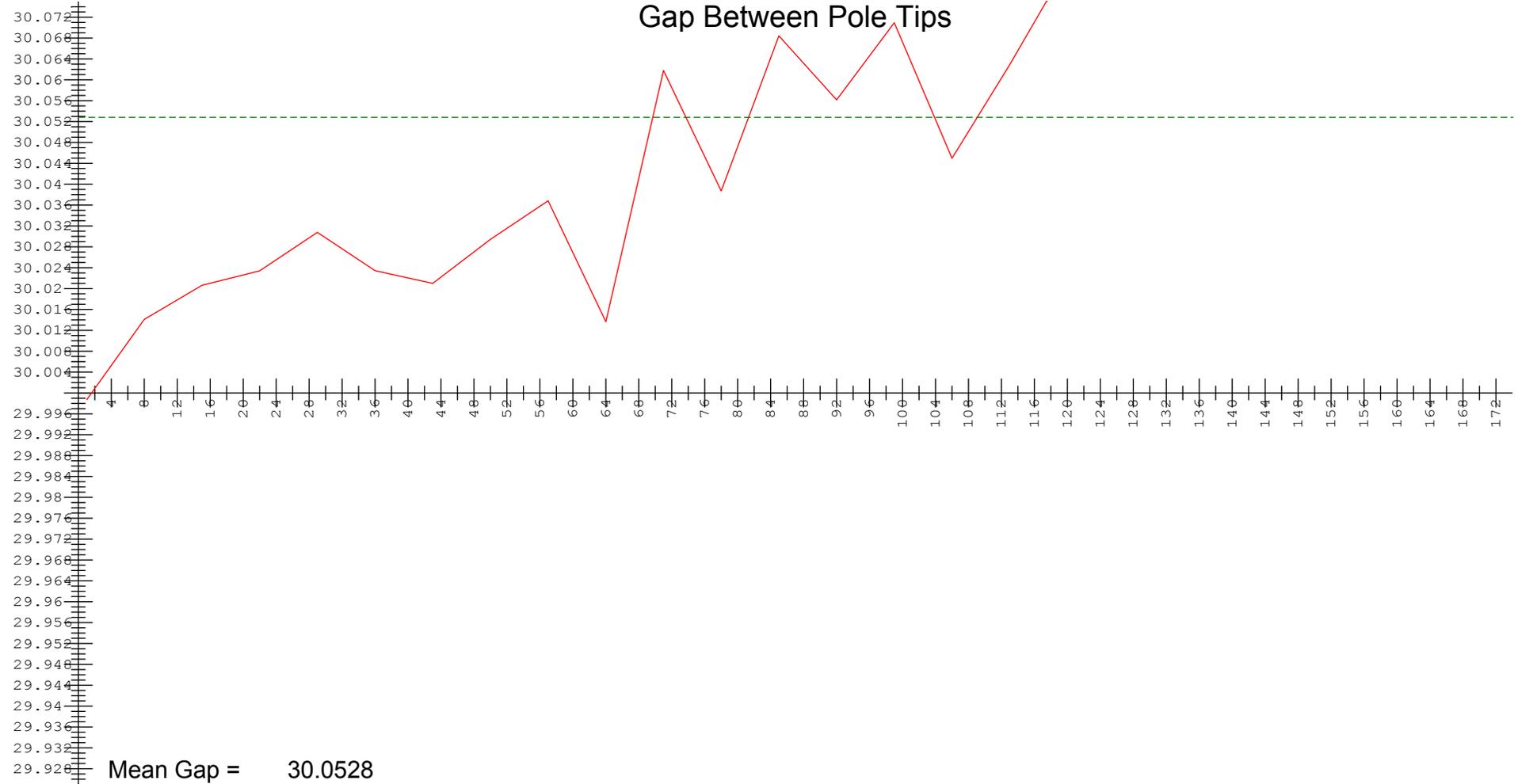
30-OCT-2017

S/N = 004

D/S = 0001

Run = 16

Gap Between Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

 <p>SLAC NATIONAL ACCELERATOR LABORATORY METROLOGY</p>	<p>LCLS II - SXR Undulator</p> <p>Nominal Gap = 30</p> <p>Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000</p>	<p>30-OCT-2017 S/N = 004 D/S = 0001 Run = 16</p>
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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.8096

Step Between Measured Pole Tips = 7

Dimensions in mm



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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)
Top	14.1736	14.1927	14.2410	14.2606
Bottom	-15.8336	-15.8349	-15.8381	-15.8394

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
14.2168	-15.8360	30.0528	-0.8096

Outside Pole Ends to Ref. Block on Kugler Bench Points Measured with Gap at 10mm during Datuming Procedure

Jaw	Pole #1	Pole #174	Average
Top			
Bottom			
Ave. of Jaws			

Dimensions in mm



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