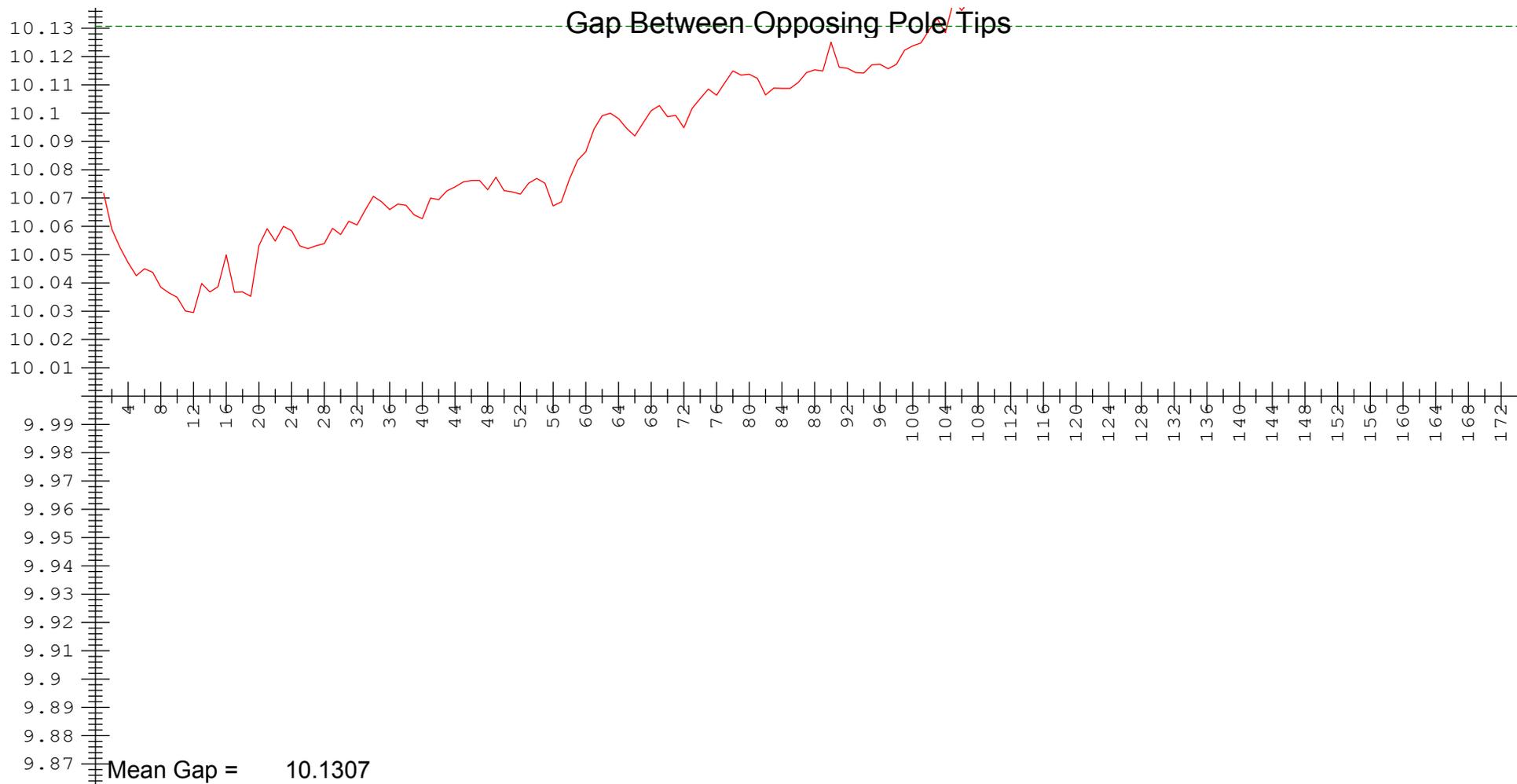


Minimum Effective Gap = 10.026

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

Regression Line Through Points = ---
Dimensions in mm

| | | | |
|--|--------------------------------|----------------------|----------------------|
| | LCLS II - SXR Undulator | | 29-MAR-2018 |
| | Nominal Gap = 10 | Nominal Taper = 0.3 | S/N = 008 |
| | Gap Reading = 10.0000 | US Encoder = 10.0000 | DS Encoder = 10.0000 |
| | | | Run = 6 |



Step Between Measured Pole Tips = 1

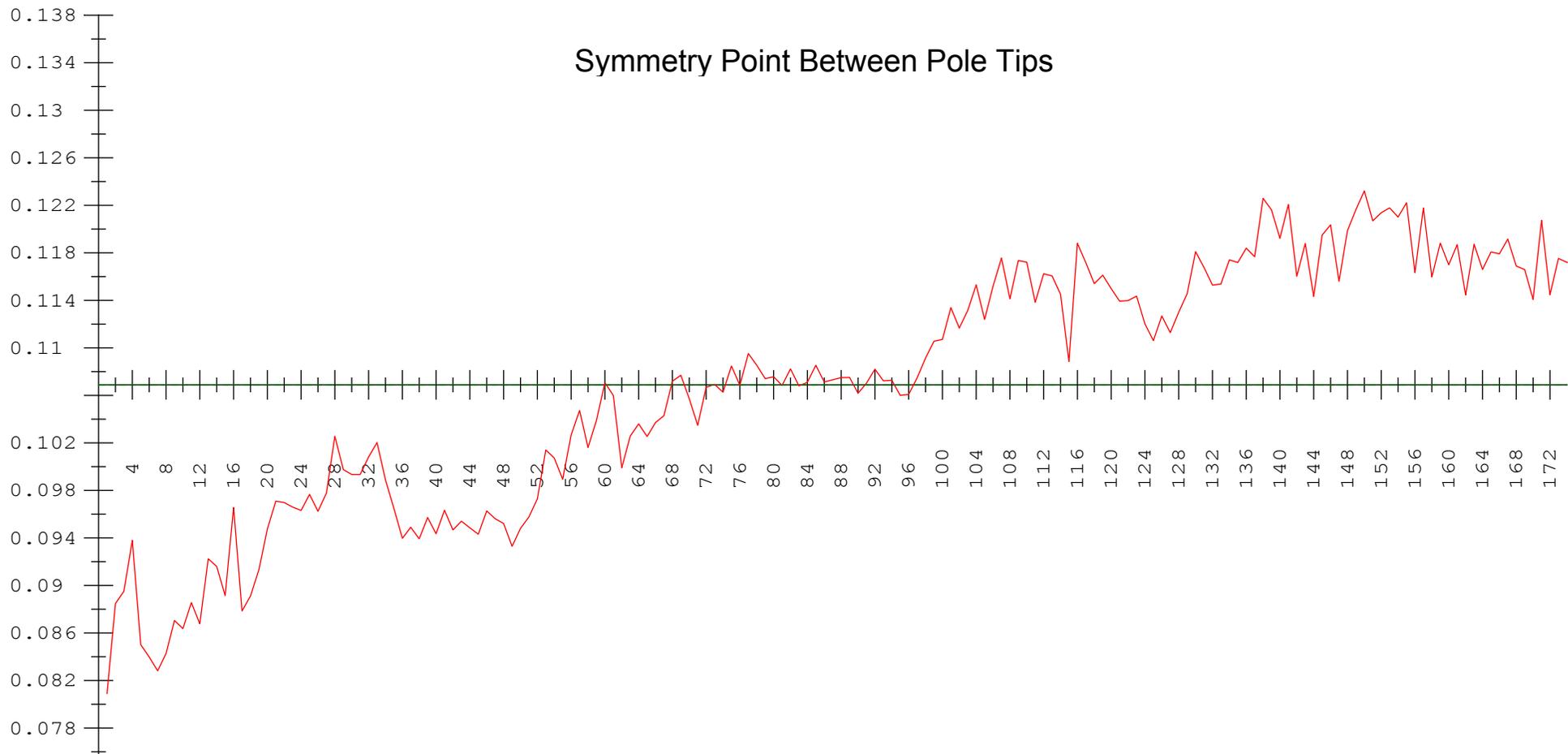
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.3
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
 S/N = 008
 D/S = 0001
 Run = 6



Mean Symmetry Value = 0.1069

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.3
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
 S/N = 008
 D/S = 0001
 Run = 6

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 | 5.0978 | 5.1305 | 5.2131 | 5.2467 |
| Bottom | -4.9178 | -4.9357 | -4.9808 | -4.9991 |
| Gap | 10.0156 | | | 10.2459 |
| Taper | | | | 0.2303 |

Summary of Mean Values

| Top Jaw Poles | Btm. Jaw Poles | Gap Values | Sym. Pt. Values |
|---------------|----------------|------------|-----------------|
| 5.1722 | -4.9585 | 10.1307 | 0.1069 |

Additional Calculated Values

| | |
|-------------------------------|----------------|
| Bottom Pole #1 Z Value | 979.390 |
| Top Jaw Pitch (mrad) | 0.044 |
| Bottom Jaw Pitch(mrad) | -0.024 |
| Minimum Effective Gap | 10.026 |
| Reference Block Gap | 6.803 |

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.3
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
 S/N = 008
 D/S= 0001
 Run= 6