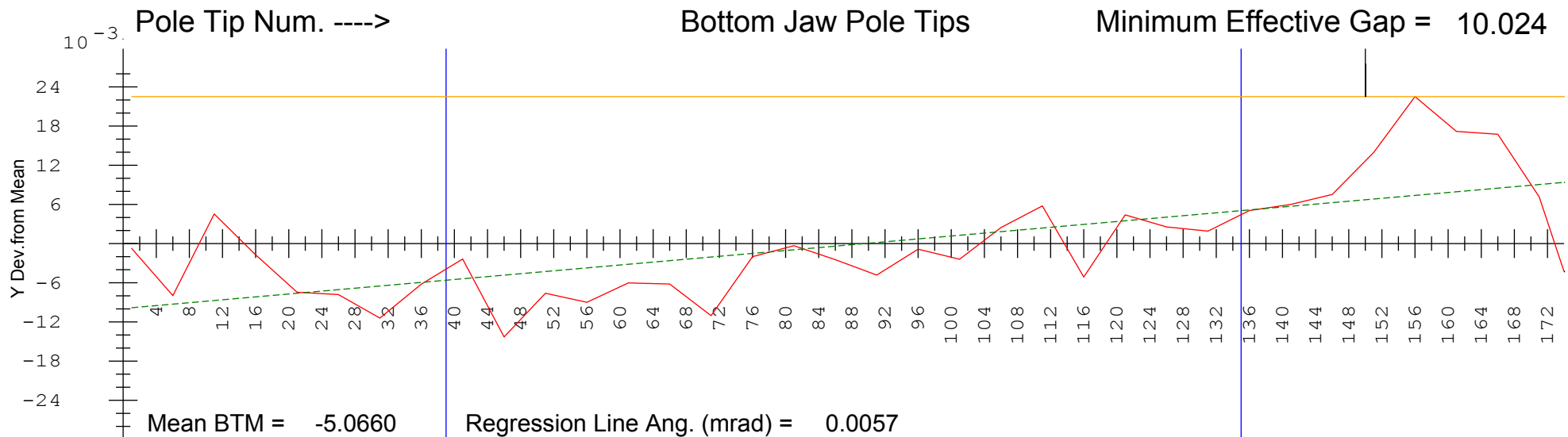
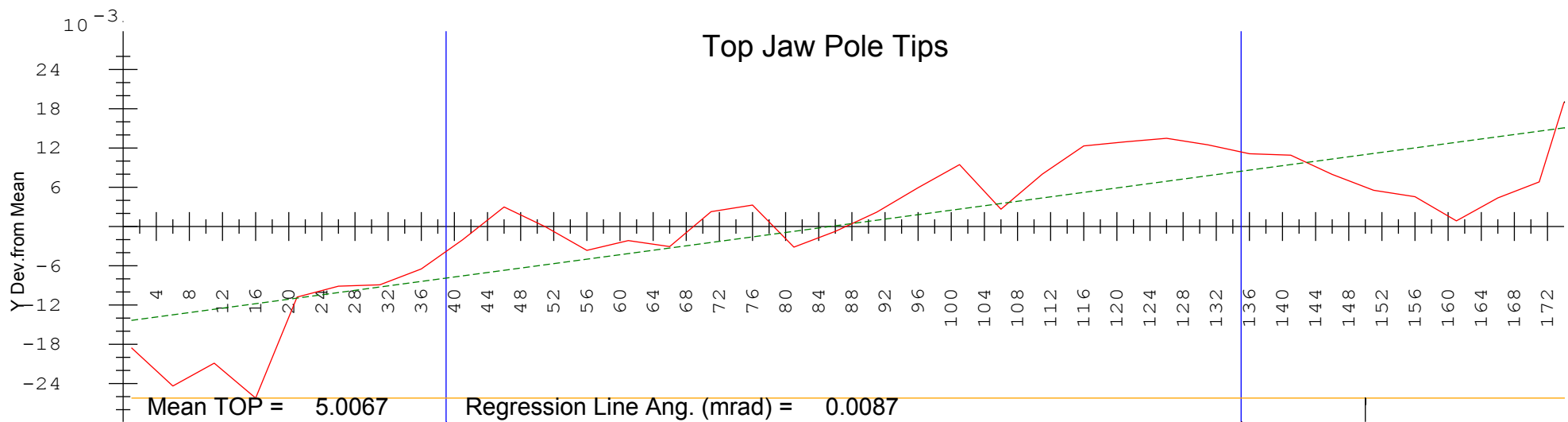




Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

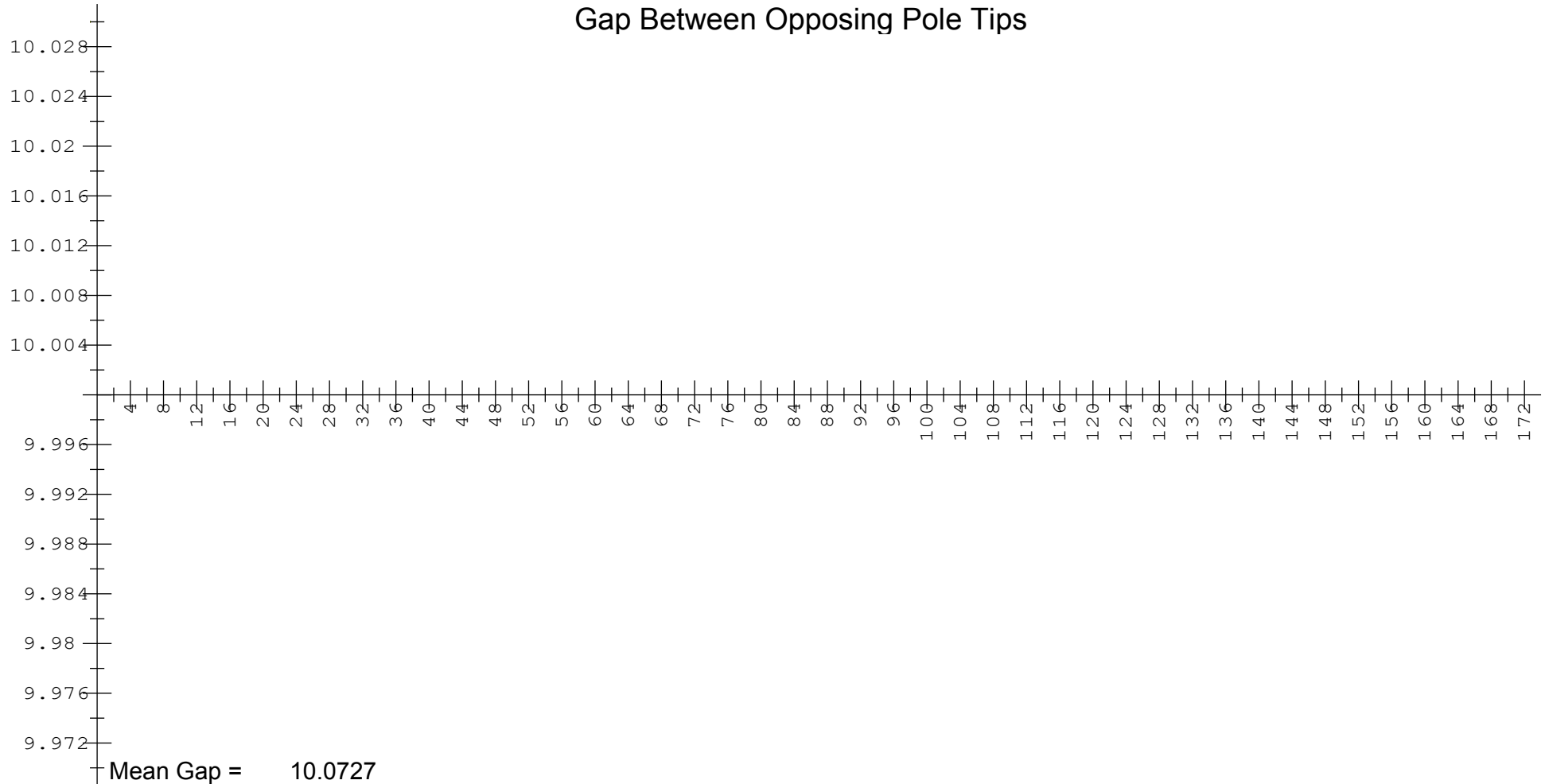
05-APR-2019

S/N = 002

D/S = 0001

Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

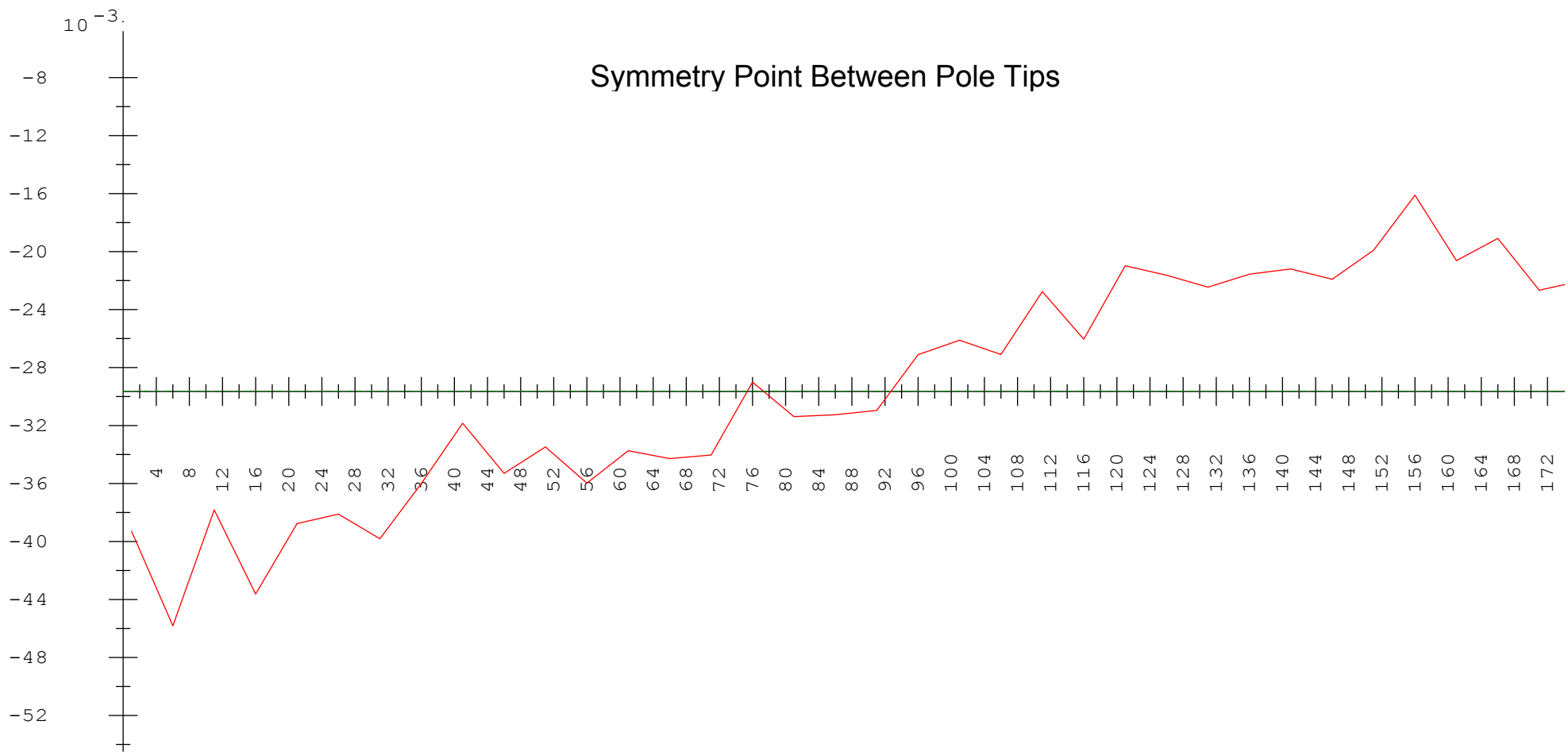
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

05-APR-2019
S/N = 002
D/S = 0001
Run = 7



Mean Symmetry Value = -0.0296

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Nominal Taper = 0.000

Gap Reading = 10.0000

US Encoder = 10.0000

DS Encoder = 10.0000

05-APR-2019

S/N = 002

D/S = 0001

Run = 7

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	4.9923	4.9988	5.0151	5.0218
Bottom	-5.0758	-5.0716	-5.0609	-5.0566
Gap	10.0682			10.0784
Taper				0.0102

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0067	-5.0660	10.0727	-0.0296

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.009
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	10.024
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

05-APR-2019
 S/N = 002
 D/S= 0001
 Run= 7