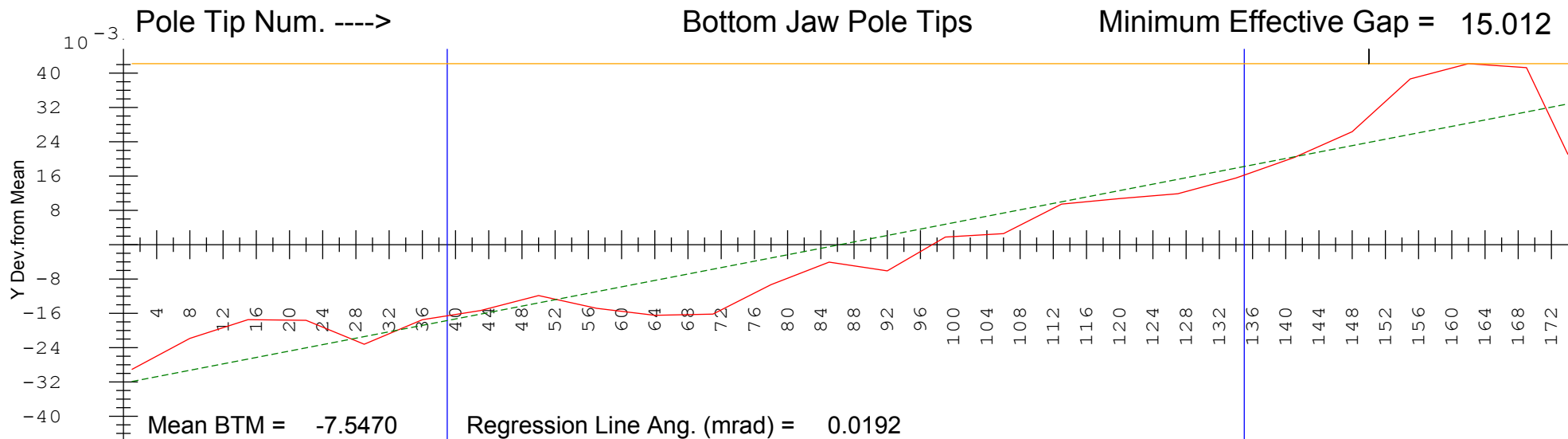
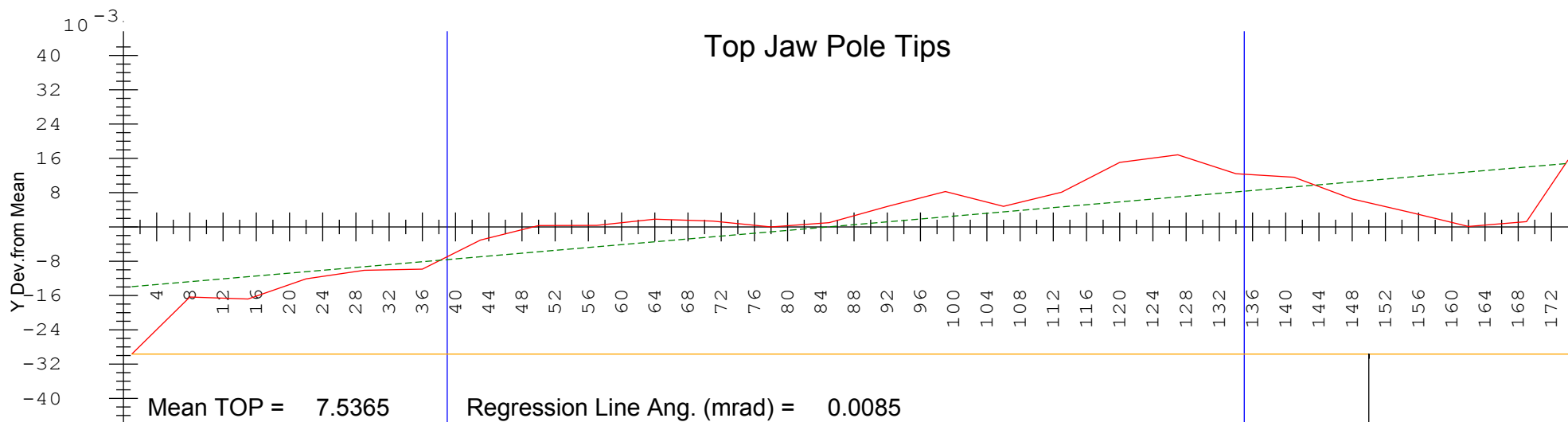




Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

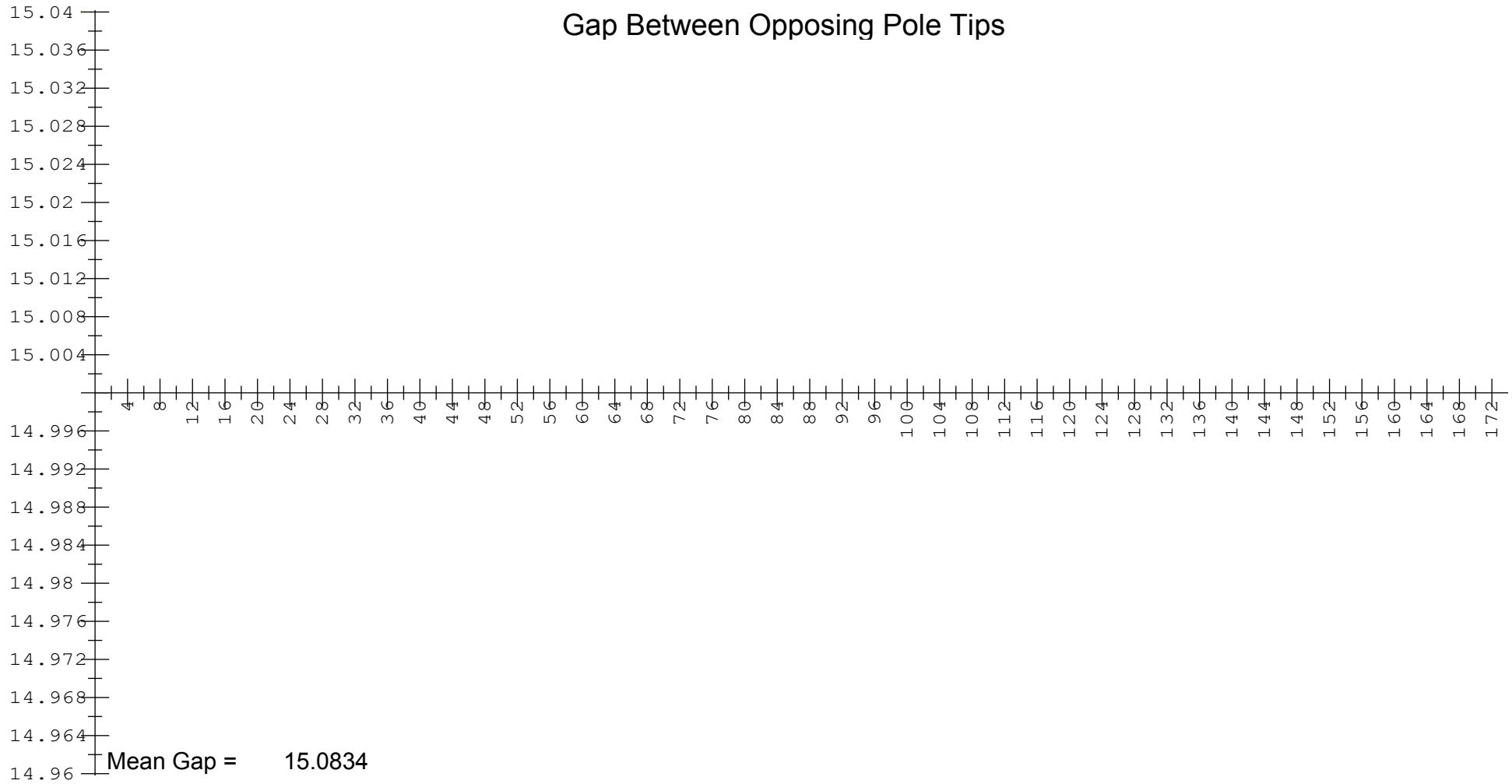
04-APR-2019

S/N = 002

D/S = 0001

Run = 9

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

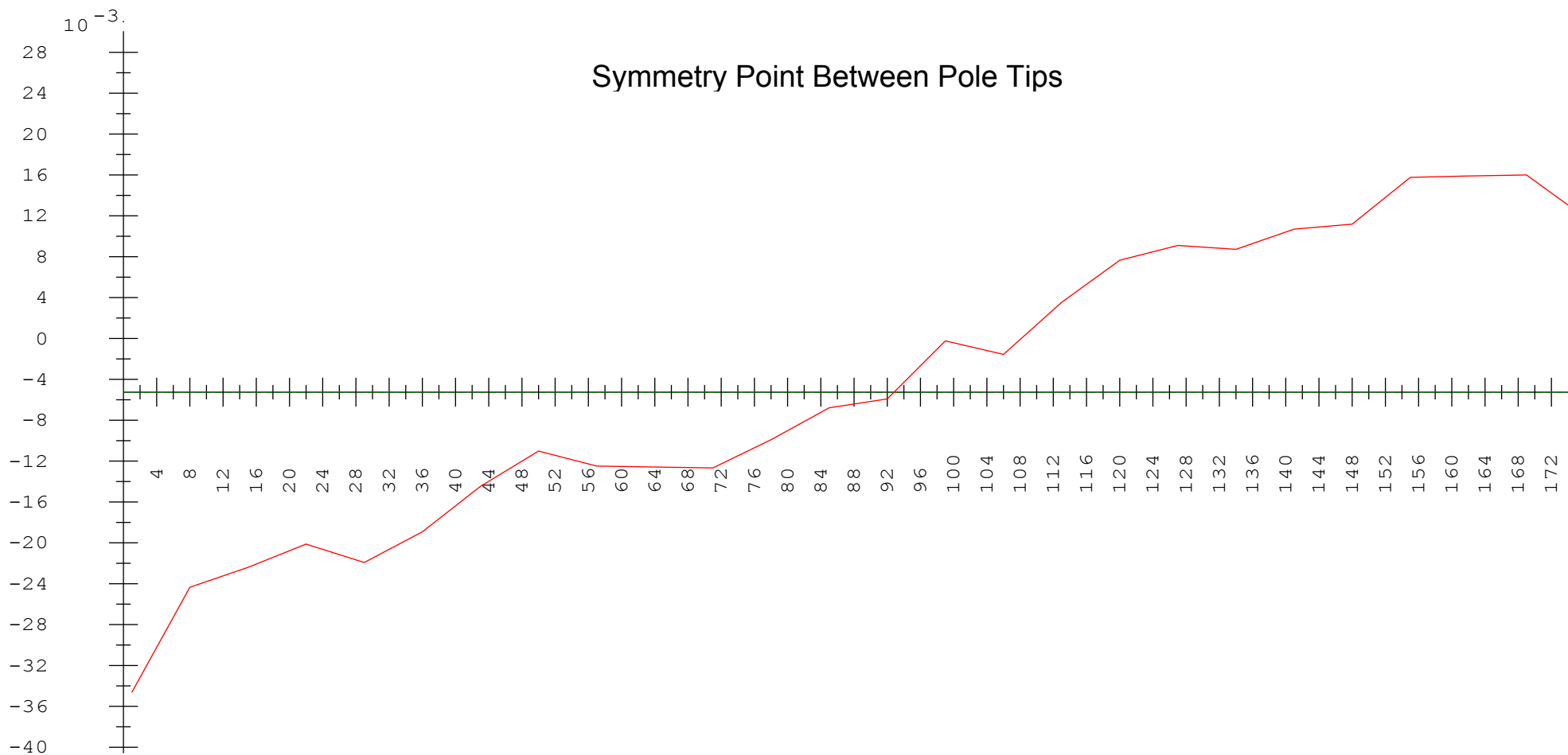
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000
 Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

04-APR-2019
 S/N = 002
 D/S = 0001
 Run = 9



Mean Symmetry Value = -0.0053

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000
 Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

04-APR-2019
 S/N = 002
 D/S = 0001
 Run = 9

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	7.5225	7.5288	7.5448	7.5513
Bottom	-7.5789	-7.5647	-7.5287	-7.5141
Gap	15.1014			15.0654
Taper				-0.0360

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.5365	-7.5470	15.0834	-0.0053

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.009
Bottom Jaw Pitch(mrad)	0.019
Minimum Effective Gap	15.012
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000
 Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

04-APR-2019
 S/N = 002
 D/S= 0001
 Run= 9