

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 = 8

Gap Reading = 0.00000

US Encoder = 10.00000

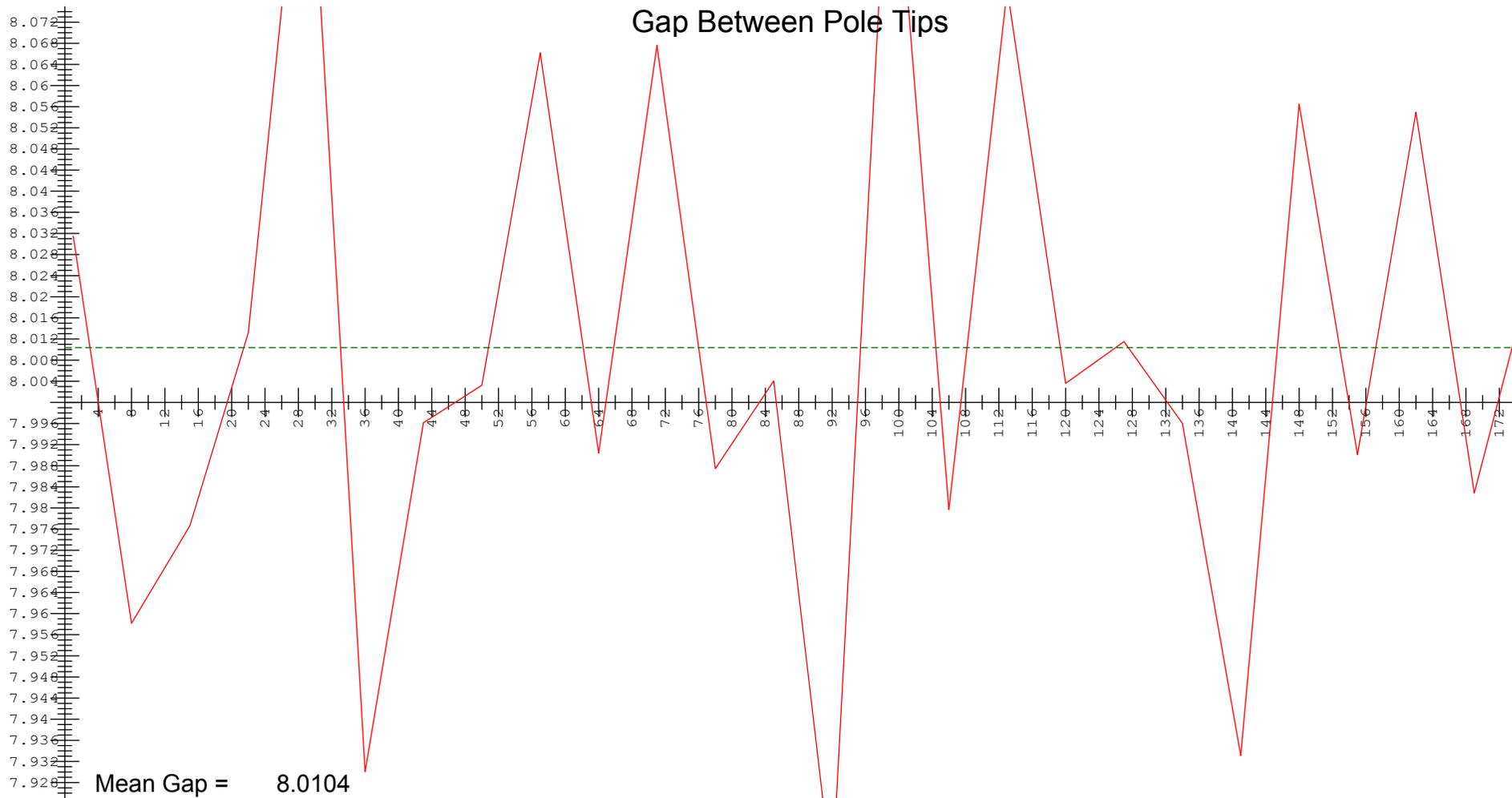
DS Encoder = 0.00000

13-NOV-2017

S/N = 004

D/S = 0001

Run = 41



Step Between Measured Pole Tips = 7

Dimensions in mm



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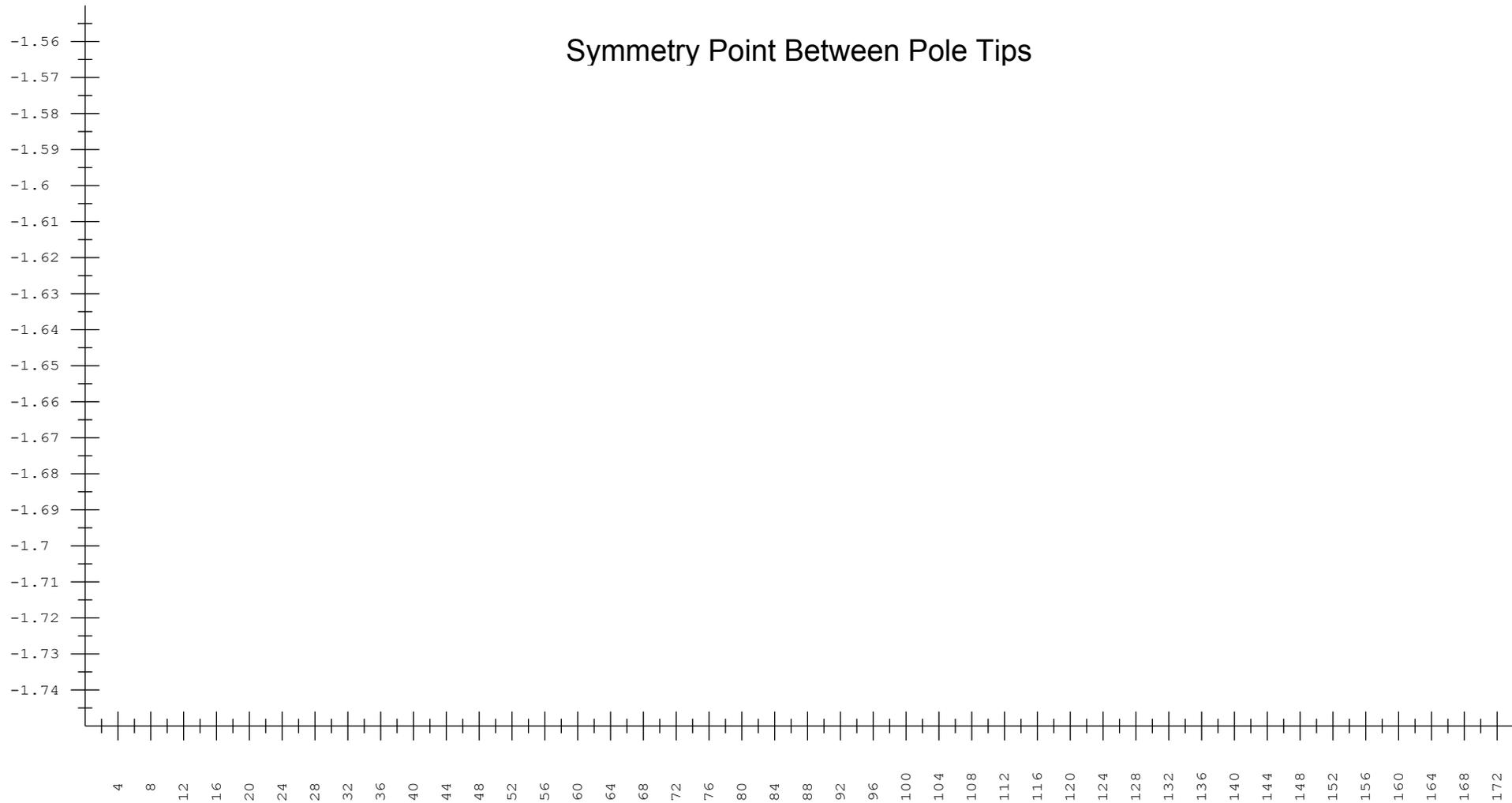
13-NOV-2017

S/N = 004

D/S= 0001

Run= 41

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.0578

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 | 2.8997 | 2.9209 | 2.9744 | 2.9961 |
| Bottom | -5.1096 | -5.0889 | -5.0367 | -5.0155 |

Summary of Mean Values

| Top Jaw Poles | Btm. Jaw Poles | Gap Values | Sym. Pt. Values |
|---------------|----------------|------------|-----------------|
| 2.9474 | -5.0629 | 8.0104 | -1.0578 |

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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