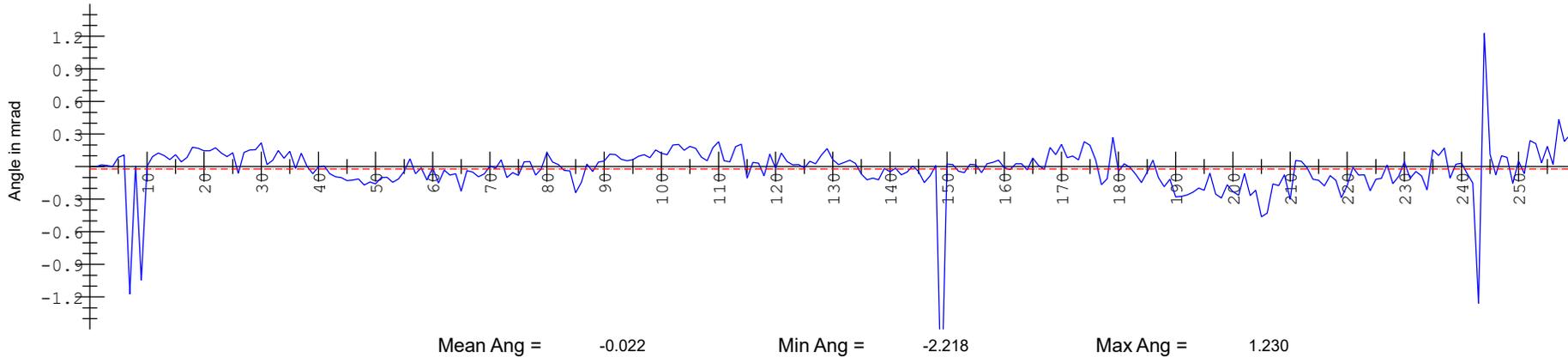


Included Angle Between Pole Tips

Pole Tip Num. ----->

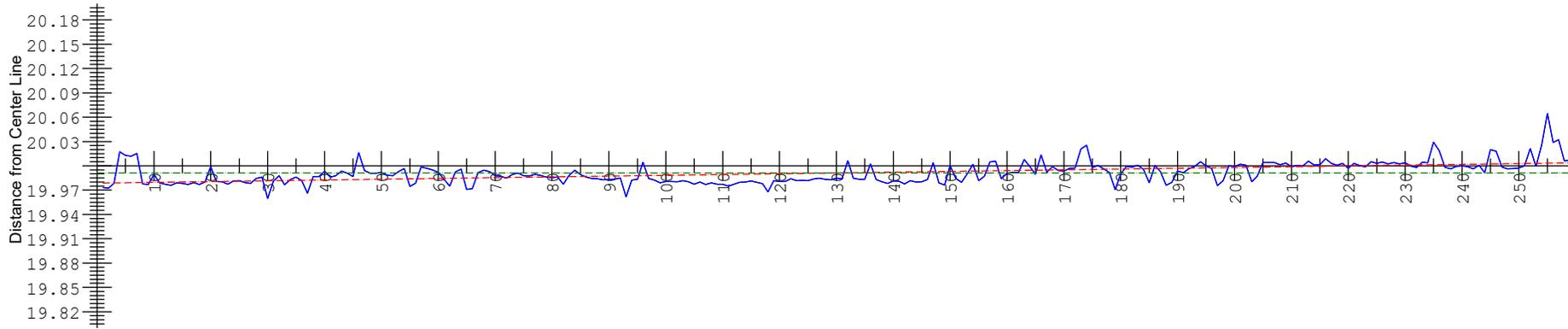
Angle of Symmetry Line between Pole Tips to Tuning Gap ZX Plane



Dimensions in MM, Angles in Milliradians

	HGVPU - Pole Tip Angles				S/N : HXU_013	
					Date : 29-JUL-2020	
	Nominal Gap :	40.000	US Full :	40.0000	DS Full :	40.0000
	Nom. Taper :	0.000	US Wall Half :	19.9931	DS Wall Half :	19.9932
		US Aisle Half :	19.9929	DS Aisle Half :	19.9930	
				Run :	FINAL	
				Cam Pos. :	B	

Aisle Pole Mean = 19.991 Aisle Pole Min. = 19.960 Aisle Pole Max. = 20.065 Reg. Line Ang. = 0.007



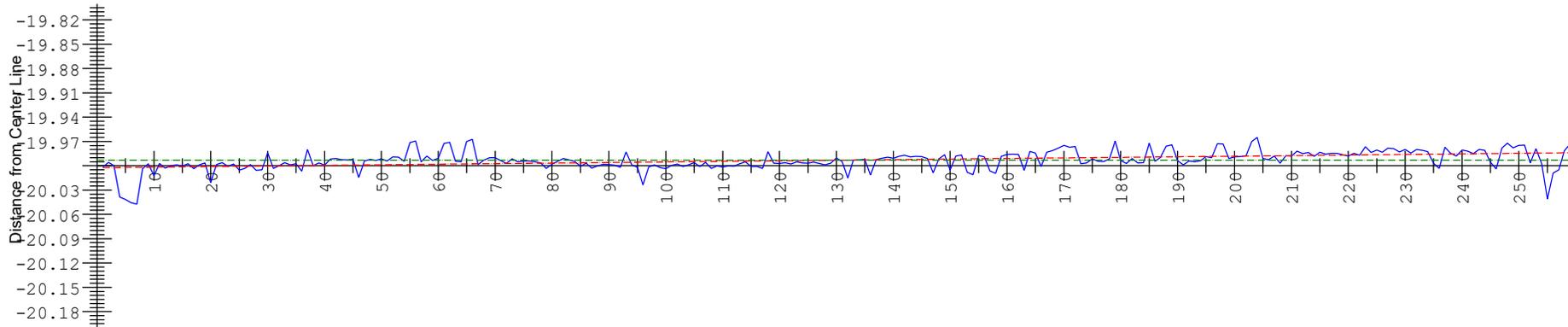
Aisle Pole Tips at Nom. Beam Height

Blue = Pole Tip points
 Green = Mean line
 Red = Regression line thru points

Pole Tip Num. ----->

Wall Pole Tips at Nom. Beam Height

Minimum Clearance Gap = 39.919



Wall Pole Mean = -19.993 Wall Pole Min. = -20.047 Wall Pole Max. = -19.965 Reg. Line Ang. = 0.005

Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

	HGVPU - Pole Tip Location from Girder Centerline				S/N : HXU_013	
					Date : 29-JUL-2020	
	Nominal Gap :	40.000	US Full :	40.0000	DS Full :	40.0000
	Nom. Taper :	0.000	US Wall Half :	19.9931	DS Wall Half :	19.9932
		US Aisle Half :	19.9929	DS Aisle Half :	19.9930	
				Run :	FINAL	
				Cam Pos. :	B	

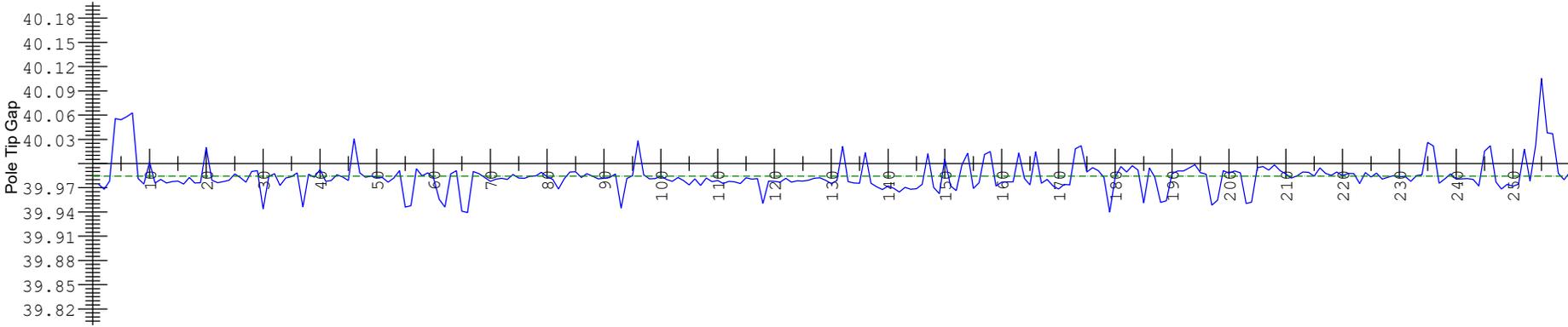
Values Calculated from Regression Line End Points

Dimension	X Value	Y Value	Z Value	Calc. Value
US Aisle Pole Tip(1)	19.979	0.000	8.750	
US Wall Pole Tip(1)	-20.002	0.000	8.750	
US Sym. Pt.	-0.012			
US Gap				39.981
DS Aisle Pole Tip(260)	20.004	0.000	3375.750	
DS Wall Pole Tip(260)	-19.984	0.000	3375.750	
DS Sym. Pt.	0.010			
DS Gap				39.988
Taper				0.007

Dimensions in MM

	<h2>HGVPU - Gap Calc. from Regression Line End Points</h2>				S/N : HXU_013 Date : 29-JUL-2020 Data Set : 0001 Run : FINAL Cam Pos. : B
	Nominal Gap : 40.000 Nom. Taper : 0.000	US Full : 40.0000 US Wall Half : 19.9931 US Aisle Half : 19.9929	DS Full : 40.0000 DS Wall Half : 19.9932 DS Aisle Half : 19.9930		

Gap Mean= 39.984 Gap Min. = 39.939 GAP Max. = 40.106

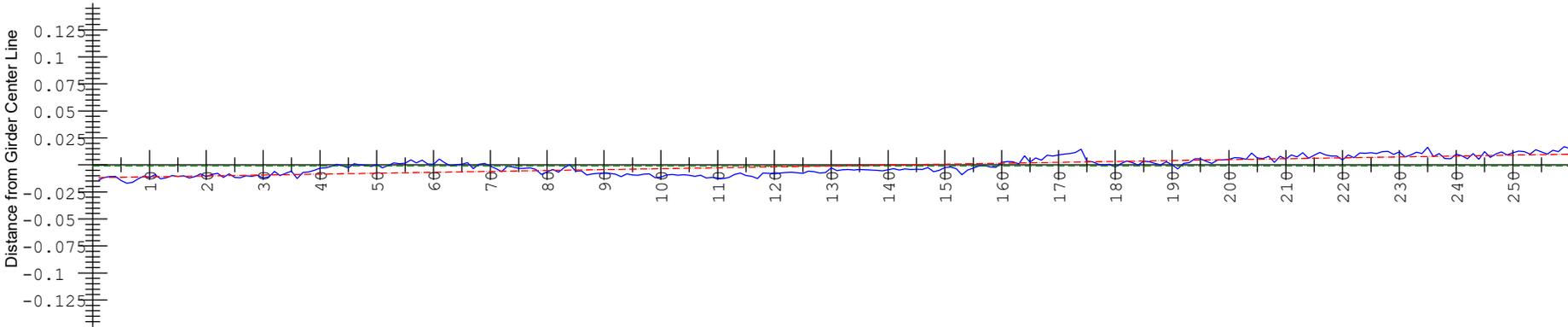


Pole Tip Gap at Nom. Beam Height

Blue = Pole Tip points
Green = Mean line
Red = Regression line thru points

Pole Tip Num. ----->

Pole Tip Symmetry Point at Nom. Beam Height

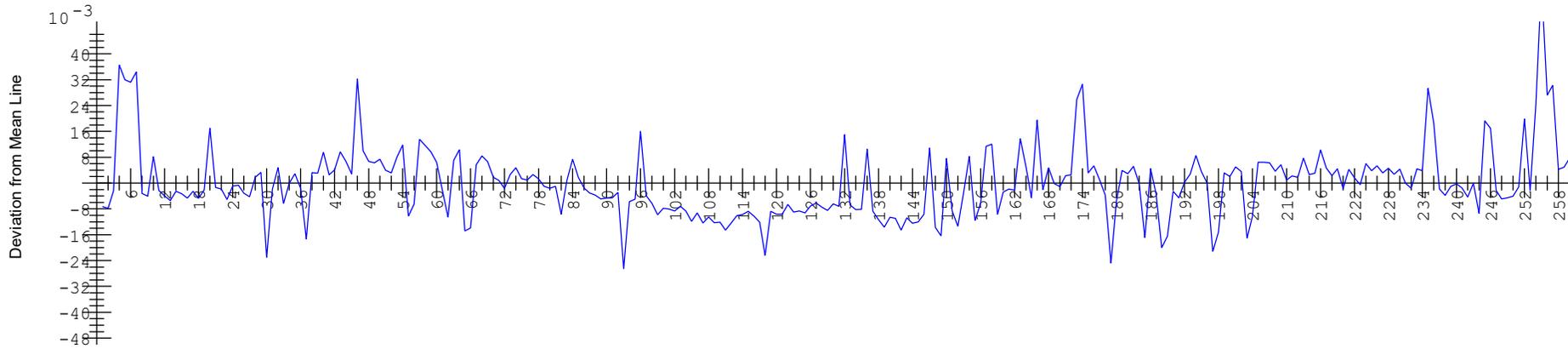


Sym. Mean = -0.001 Sym. Min. = -0.017 Sym. Max. = 0.017 Reg. Line Ang. = 0.006

Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

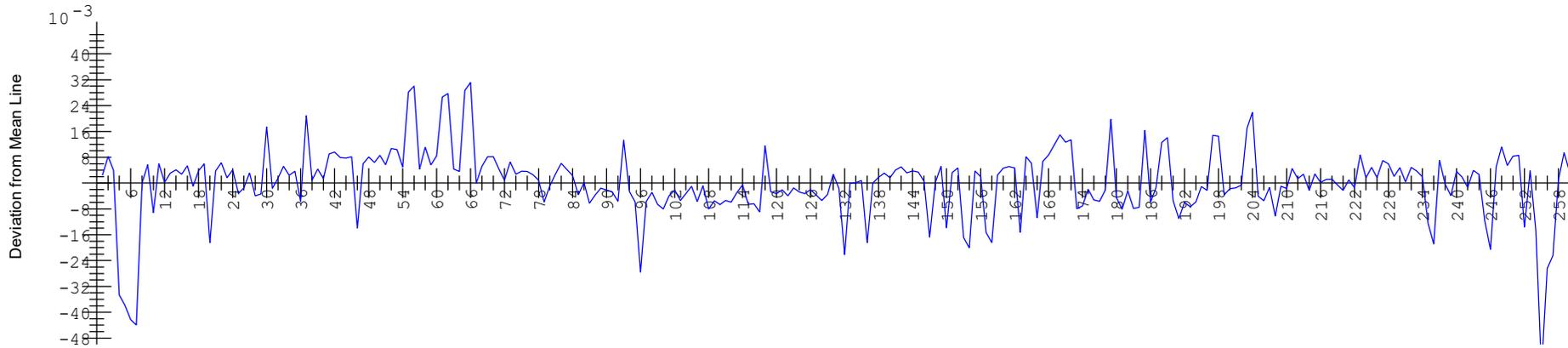
	HGVPU - Pole Tip Gap and Symmetry Point Location				S/N : HXU_013	
					Date : 29-JUL-2020	
	Nominal Gap :	40.000	US Full :	40.0000	DS Full :	40.0000
	Nom. Taper :	0.000	US Wall Half :	19.9931	DS Wall Half :	19.9932
		US Aisle Half :	19.9929	DS Aisle Half :	19.9930	
				Run :	FINAL	
				Cam Pos. :	B	



Aisle Pole Tips

Pole Tip Num. ----->

Wall Pole Tips



Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

Dimensions in MM

	HGVPU - Pole Tip Deviation from Mean Line				S/N : HXU_013
	Nominal Gap : 40.000	US Full : 40.0000	DS Full : 40.0000	US Wall Half : 19.9931	Date : 29-JUL-2020
	Nom. Taper : 0.000	US Aisle Half : 19.9929	DS Wall Half : 19.9932	DS Aisle Half : 19.9930	Data Set : 0001
					Run : FINAL
					Cam Pos. : B