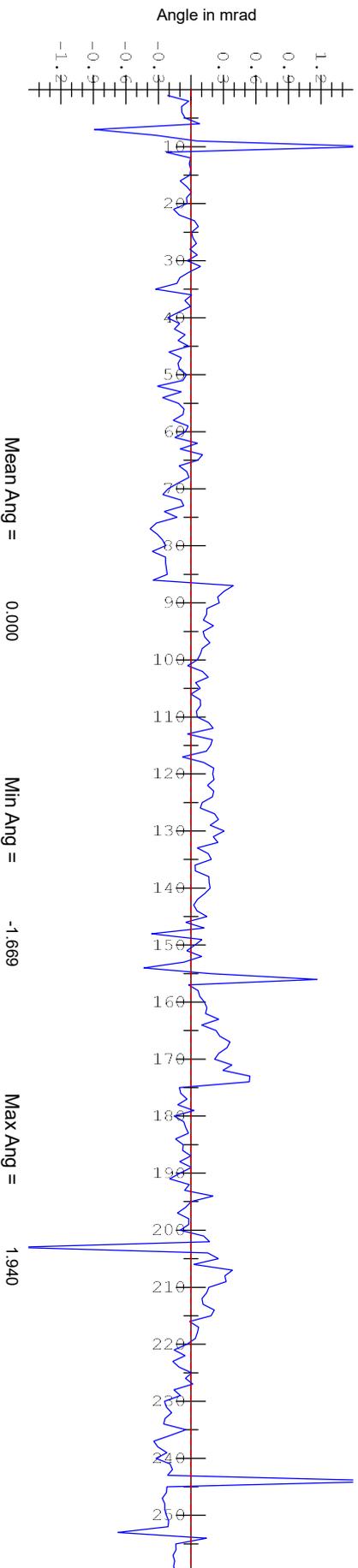


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

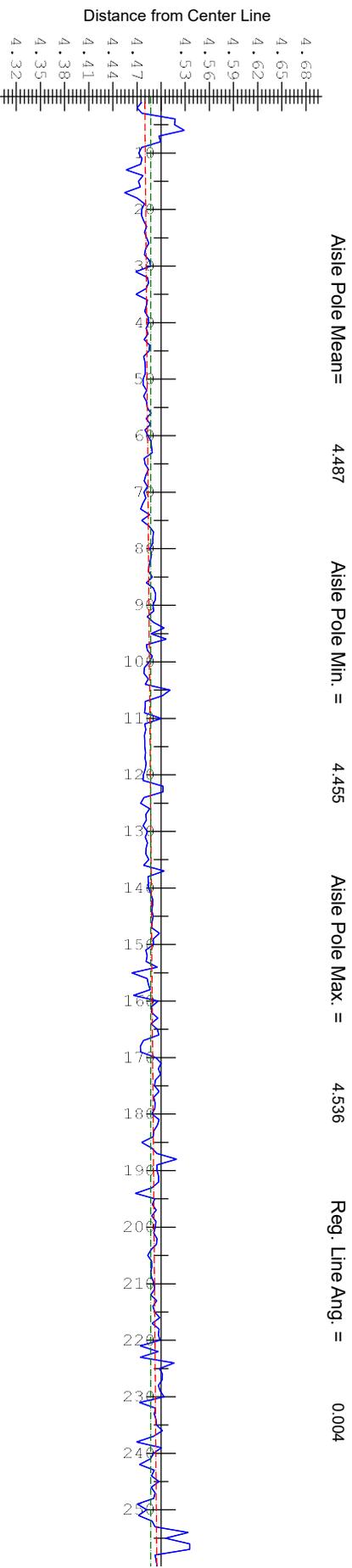


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HGVPU - Pole Tip Angles

Nominal Gap :	9.000	US Full :	9.0002	DS Full :	9.0003
Nom. Taper :	0.000	US Wall Half :	4.4981	DS Wall Half :	4.4982
		US Aisle Half :	4.4988	DS Aisle Half :	4.4968

S/N	: HXU 033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



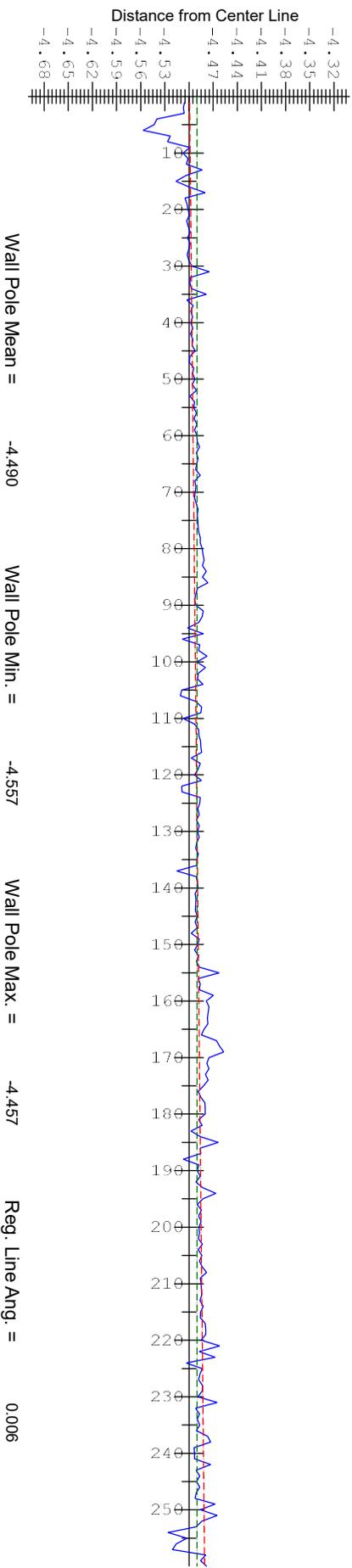
Aisle Pole Tips at Nom. Beam Height

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 = 8.909



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

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HGVPU - Pole Tip Location from Girder Centerline

Nominal Gap :	9.000	US Full :	9.0002	DS Full :	9.0003
Nom. Taper :	0.000	US Wall Half :	4.4981	DS Wall Half :	4.4982
		US Aisle Half :	4.4988	DS Aisle Half :	4.4968

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
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)	4.480	0.000	8.750	
US Wall Pole Tip(1)	-4.499	0.000	8.750	
US Sym. Pt.	-0.010			
US Gap				8.979
DS Aisle Pole Tip(260)	4.495	0.000	3375.750	
DS Wall Pole Tip(260)	-4.481	0.000	3375.750	
DS Sym. Pt.	0.007			
DS Gap				8.975
Taper				-0.004

Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

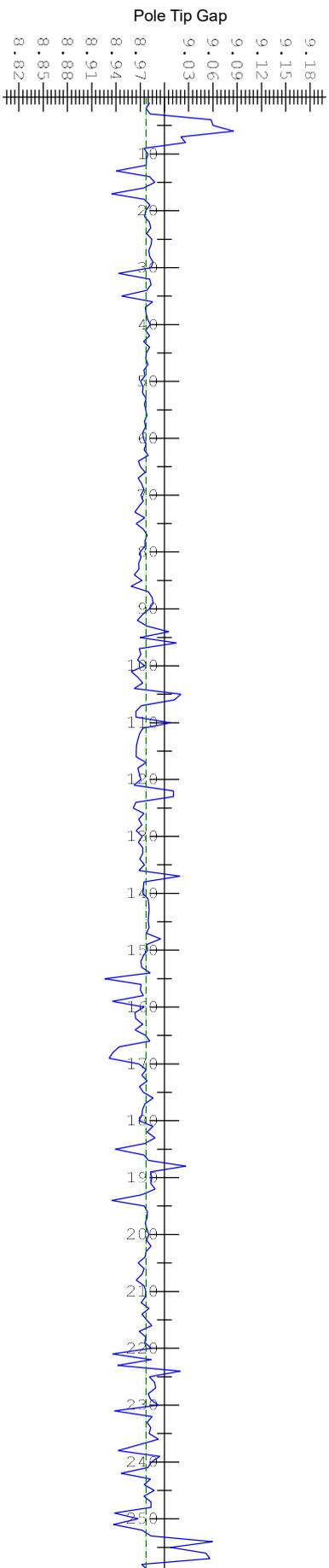
Nominal Gap :	9.000	US Full :	9.0002	DS Full :	9.0003
US Wall Half :	4.4981	DS Wall Half :	4.4982	US Aisle Half :	4.4988
DS Aisle Half :	4.4988	DS Aisle Half :	4.4968		

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

Gap Mean = 8.977

Gap Min. = 8.926

Gap Max. = 9.086



Pole Tip Gap at Nom. Beam Height

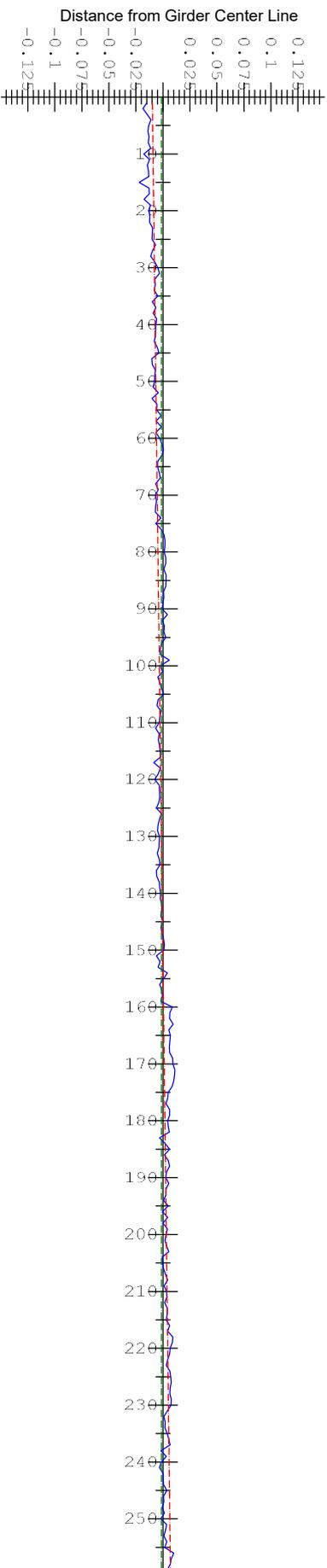
Pole Tip Num. ----->

Blue = Pole Tip points

Green = Mean line

Red = Regression line thru points

Pole Tip Symmetry Point at Nom. Beam Height



Sym. Mean =

-0.001

Sym. Min. =

-0.022

Sym. Max. =

0.011

Reg. Line Ang. =

0.005

Girder centerline in reference to Pointed Magnets

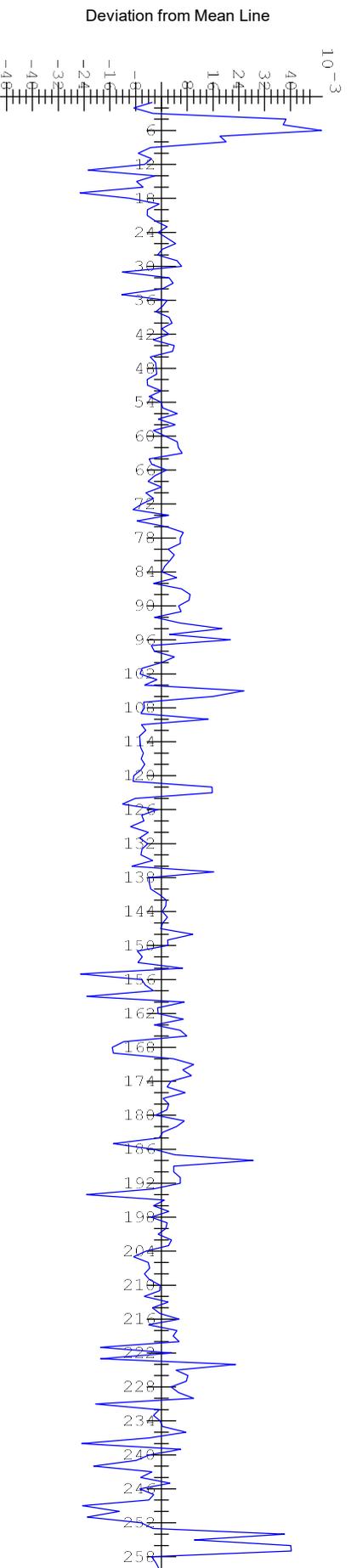
Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Gap and Symmetry Point Location

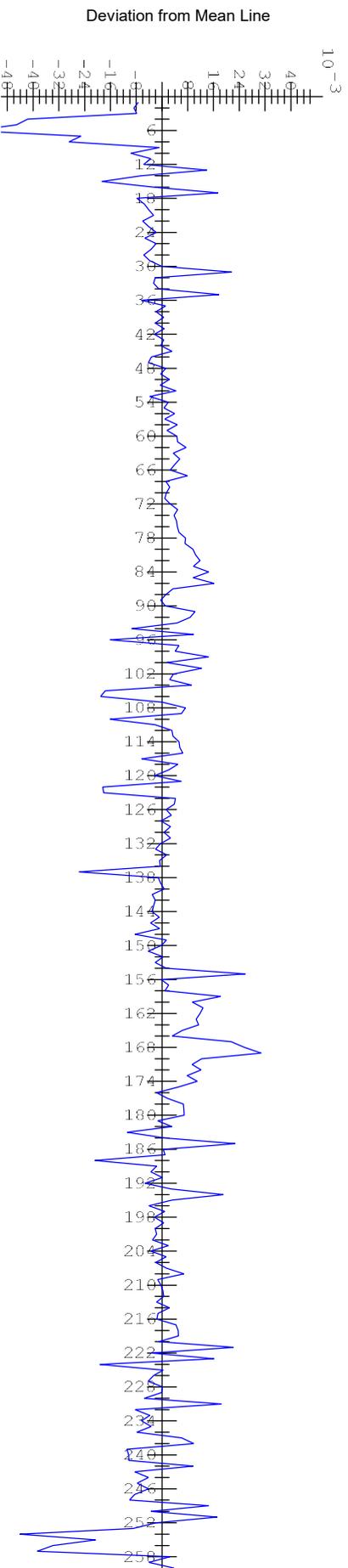
Nominal Gap :	9.000	US Full :	9.0002	DS Full :	9.0003
Nom. Taper :	0.000	US Wall Half :	4.4981	DS Wall Half :	4.4982
		US Aisle Half :	4.4988	DS Aisle Half :	4.4968

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
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

Nominal Gap :	9.000	US Full :	9.0002	DS Full :	9.0003
Nom. Taper :	0.000	US Wall Half :	4.4981	DS Wall Half :	4.4982
		US Aisle Half :	4.4988	DS Aisle Half :	4.4968

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B