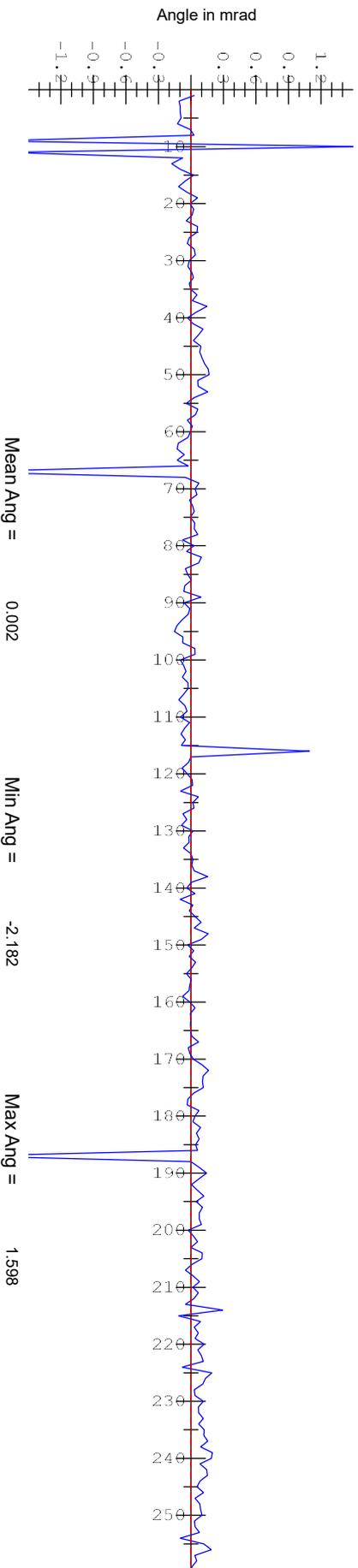


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

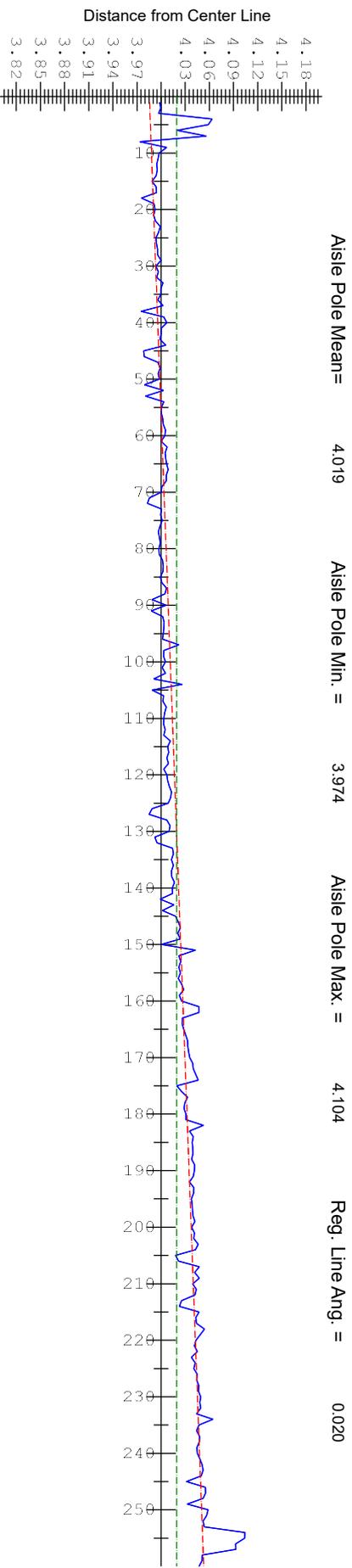


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HGVPU - Pole Tip Angles

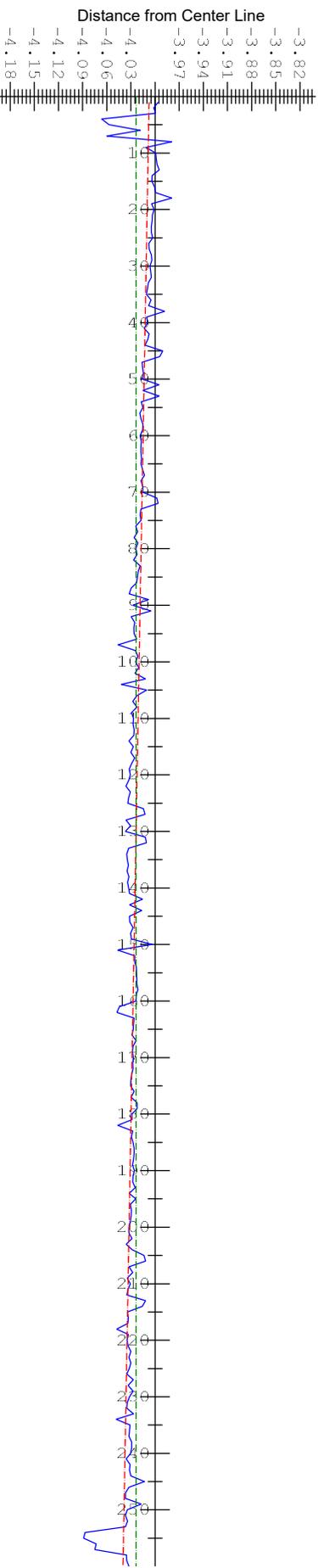
Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.1001
Nom. Taper :	0.100	US Wall Half :	4.0020	DS Wall Half :	4.0506
		US Aisle Half :	4.0028	DS Aisle Half :	4.0509

S/N	: HXU_011
Date	: 01-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



Aisle Pole Tips at Nom. Beam Height
 Pole Tip Num. ----->
 Blue = Pole Tip points
 Green = Mean line
 Red = Regression line thru points

Minimum Clearance Gap = 7.947



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 :	8.000	US Full :	8.0001	DS Full :	8.1001
Nom. Taper :	0.100	US Wall Half :	4.0020	DS Wall Half :	4.0506
		US Aisle Half :	4.0028	DS Aisle Half :	4.0509

S/N	: HXU_011
Date	: 01-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)	3.986	0.000	8.750	
US Wall Pole Tip(1)	-4.007	0.000	8.750	
US Sym. Pt.	-0.011			
US Gap				7.993
DS Aisle Pole Tip(260)	4.053	0.000	3375.750	
DS Wall Pole Tip(260)	-4.040	0.000	3375.750	
DS Sym. Pt.	0.007			
DS Gap				8.093
Taper				0.100

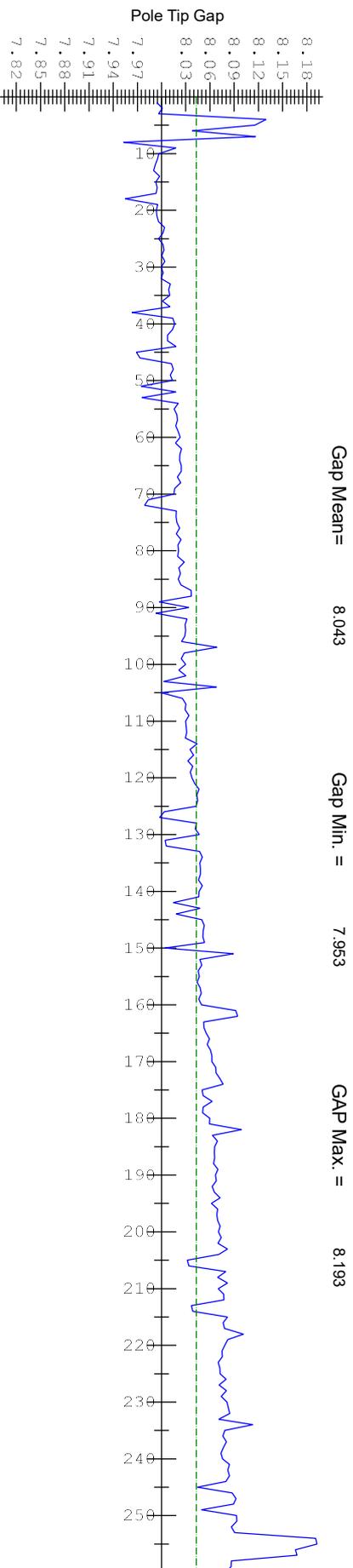
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.1001
US Wall Half :	4.0020	US Wall Half :	4.0028	DS Wall Half :	4.0506
US Aisle Half :	4.0028	DS Aisle Half :	4.0509		

S/N	: HXU_011
Date	: 01-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

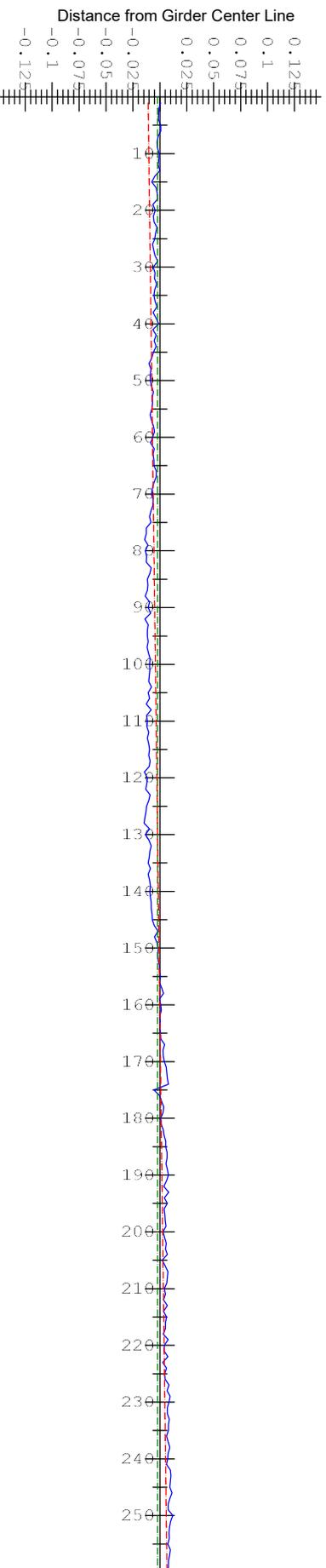


Pole Tip Gap at Nom. Beam Height

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

Pole Tip Num. ----->

Pole Tip Symmetry Point at Nom. Beam Height



Girder centerline in reference to Pointed Magnets

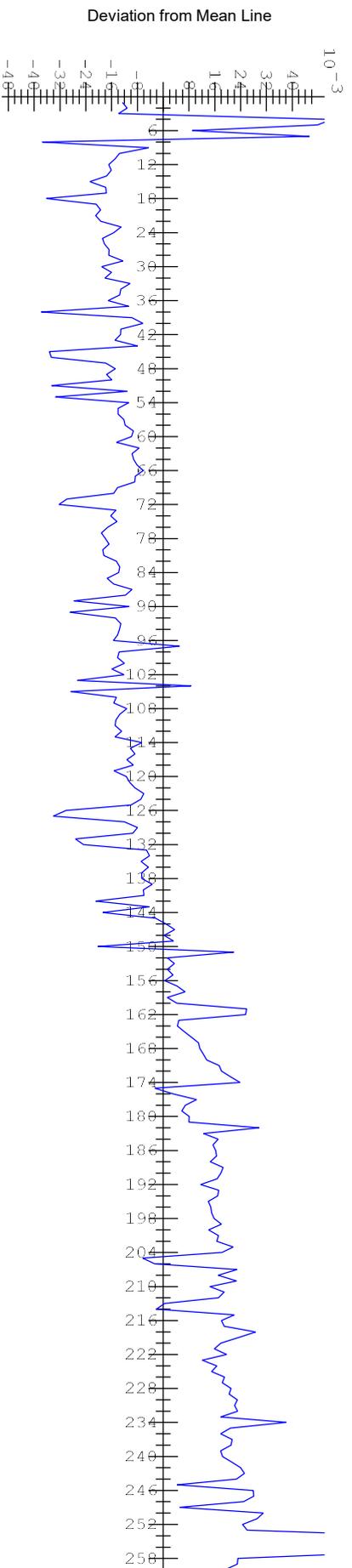
Dimensions in MM, Angles in Milliradians

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HGVPU - Pole Tip Gap and Symmetry Point Location

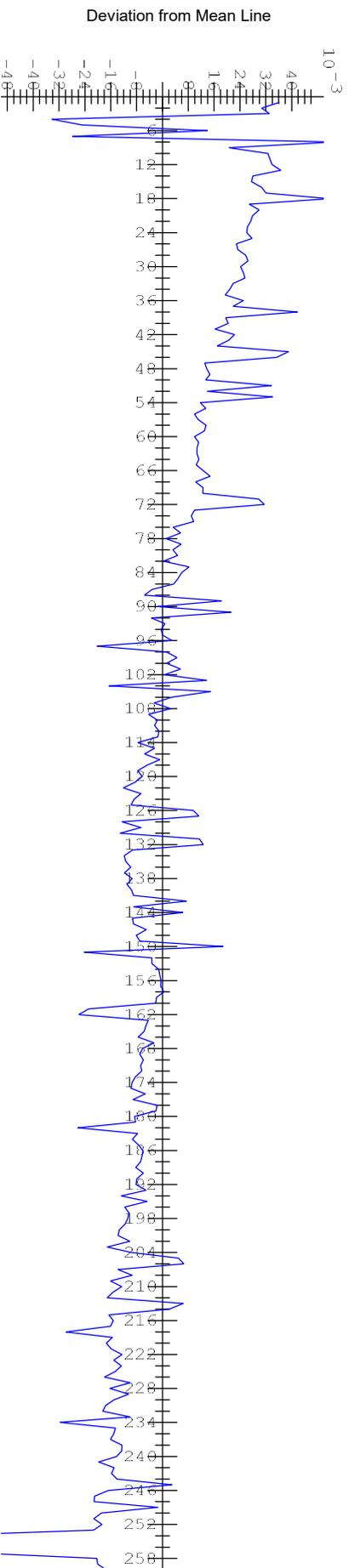
Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.1001
Nom. Taper :	0.100	US Wall Half :	4.0020	DS Wall Half :	4.0506
		US Aisle Half :	4.0028	DS Aisle Half :	4.0509

S/N	: HXU_011
Date	: 01-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



Aisle Pole Tips

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 :	8.000	US Full :	8.0001	DS Full :	8.1001
Nom. Taper :	0.100	US Wall Half :	4.0020	DS Wall Half :	4.0506
		US Aisle Half :	4.0028	DS Aisle Half :	4.0509

S/N	: HXU_011
Date	: 01-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B