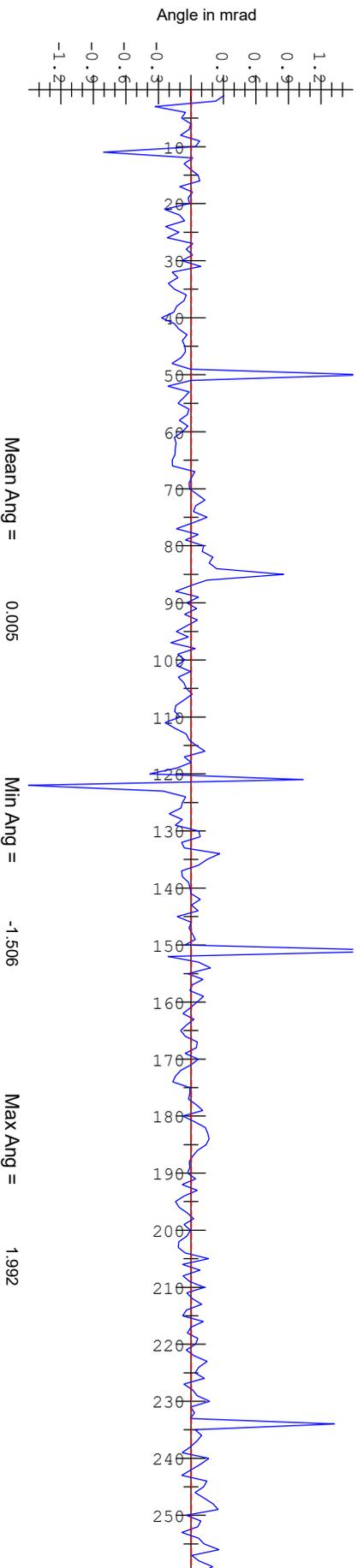


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

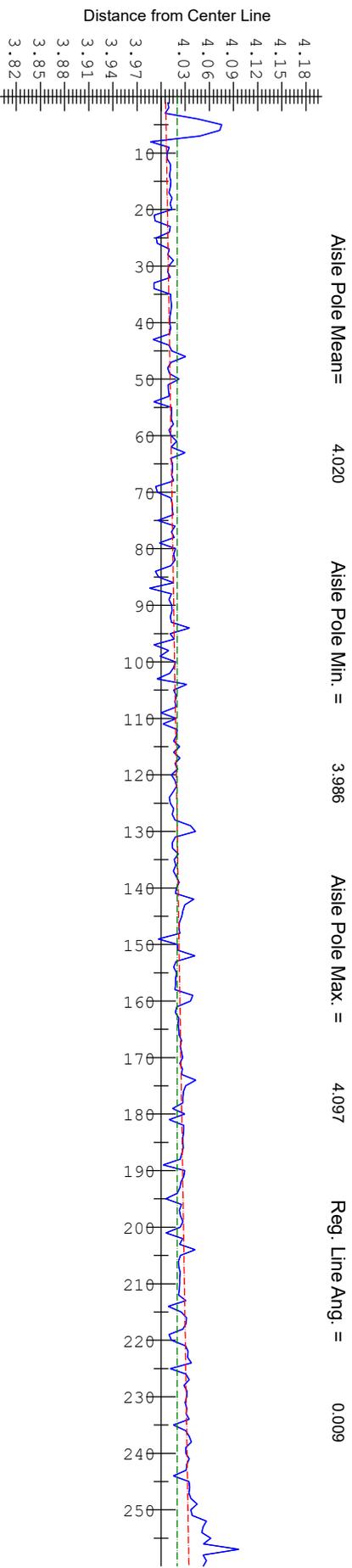


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HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	7.9993	DS Full :	8.0002
Nom. Taper :	0.000	US Wall Half :	4.0019	DS Wall Half :	4.0008
		US Aisle Half :	4.0026	DS Aisle Half :	4.0034

S/N	: HXU 014
Date	: 25-AUG-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



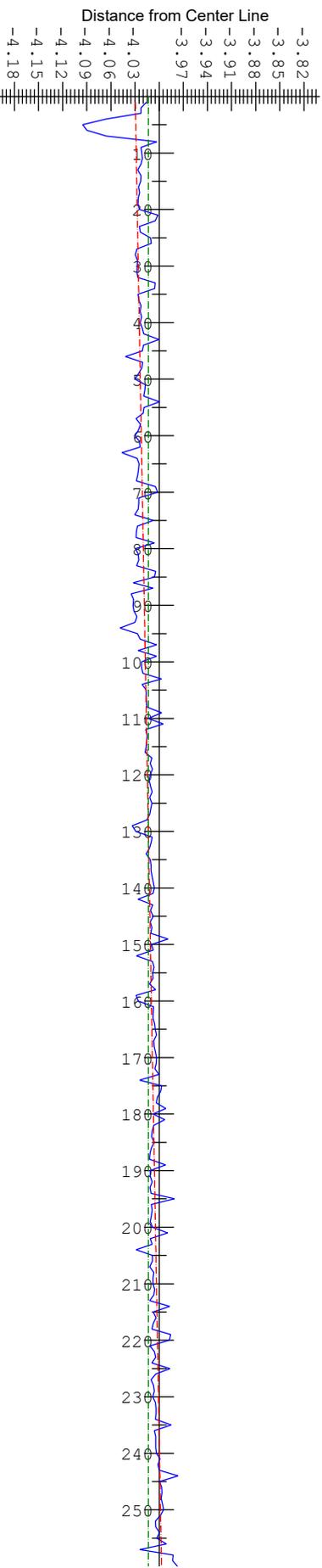
Pole Tip Num. ----->

Aisle Pole Tips at Nom. Beam Height

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

Wall Pole Tips at Nom. Beam Height

Minimum Clearance Gap = 7.953



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 : 7.9993 DS Full : 8.0002
 US Wall Half : 4.0019 DS Wall Half : 4.0008
 Nom. Taper : 0.000 US Aisle Half : 4.0026 DS Aisle Half : 4.0034

S/N : HXU 014
 Date : 25-AUG-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)	4.006	0.000	8.750	
US Wall Pole Tip(1)	-4.030	0.000	8.750	
US Sym. Pt.	-0.012			
US Gap				8.035
DS Aisle Pole Tip(260)	4.034	0.000	3375.750	
DS Wall Pole Tip(260)	-3.997	0.000	3375.750	
DS Sym. Pt.	0.019			
DS Gap				8.032
Taper				-0.004

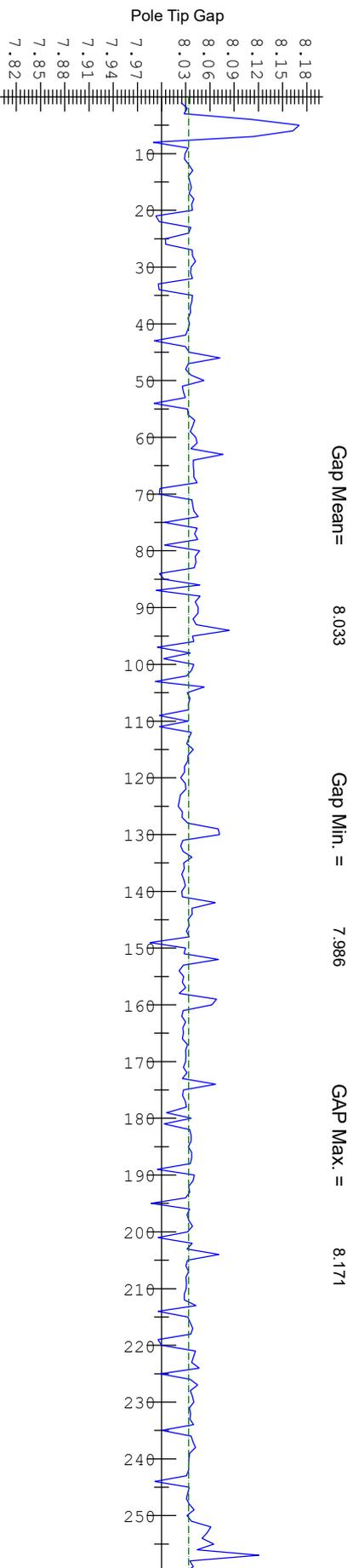
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	7.9993	DS Full :	8.0002
US Wall Half :	4.0019	DS Wall Half :	4.0008		
US Aisle Half :	4.0026	DS Aisle Half :	4.0034		
Nom. Taper :	0.000				

S/N	: HXU_014
Date	: 25-AUG-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

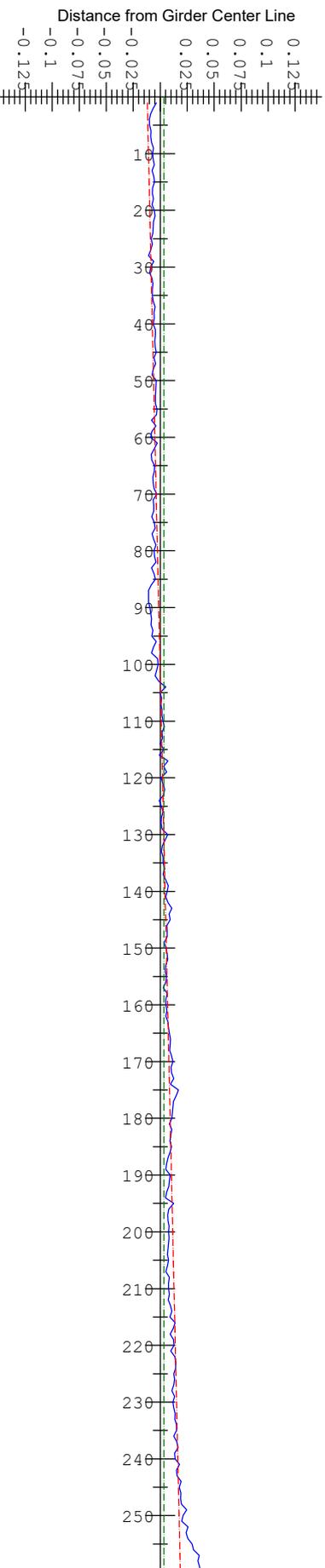


Pole Tip Gap at Nom. Beam Height

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 : 7.9993 DS Full : 8.0002

Nom. Taper : 0.000 US Wall Half : 4.0019 DS Wall Half : 4.0008

US Aisle Half : 4.0026 DS Aisle Half : 4.0034

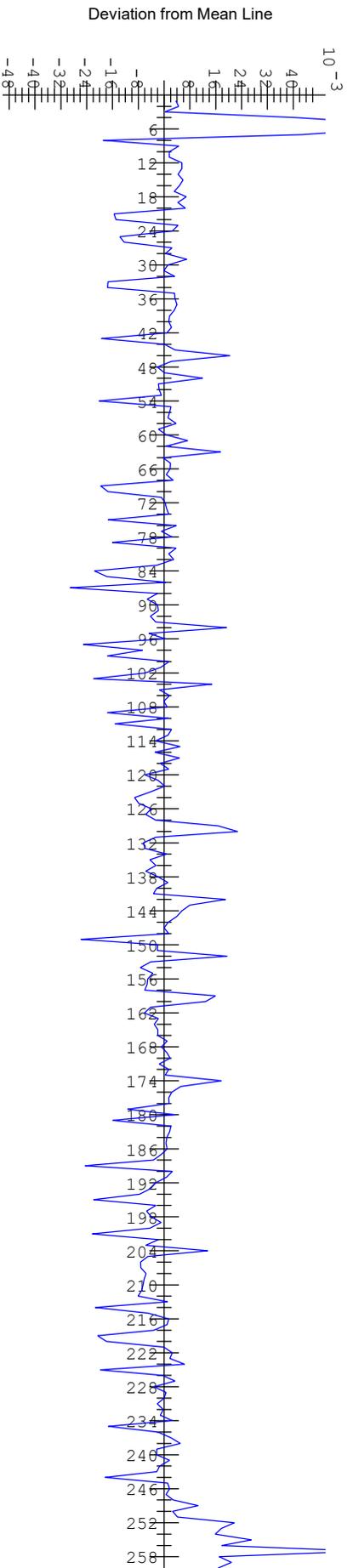
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Date : 25-AUG-2020

Data Set : 0001

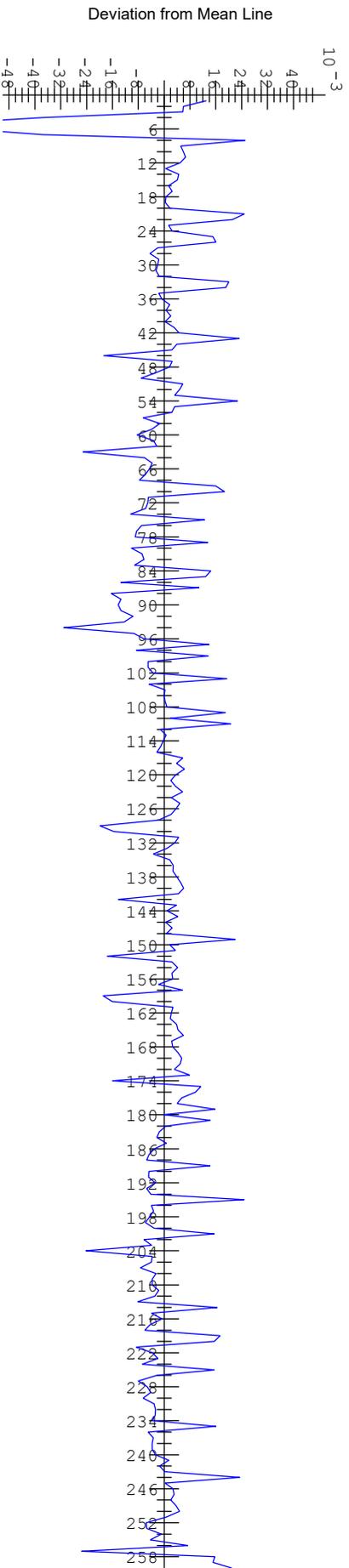
Run : FINAL

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 :	7.9993	DS Full :	8.0002
Nom. Taper :	0.000	US Wall Half :	4.0019	DS Wall Half :	4.0008
		US Aisle Half :	4.0026	DS Aisle Half :	4.0034

S/N	: HXU_014
Date	: 25-AUG-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B