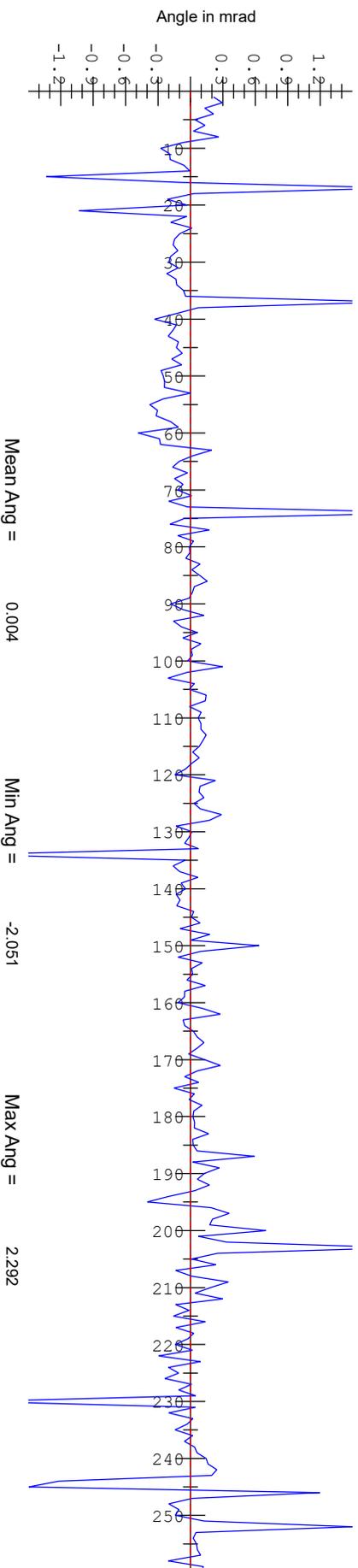


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

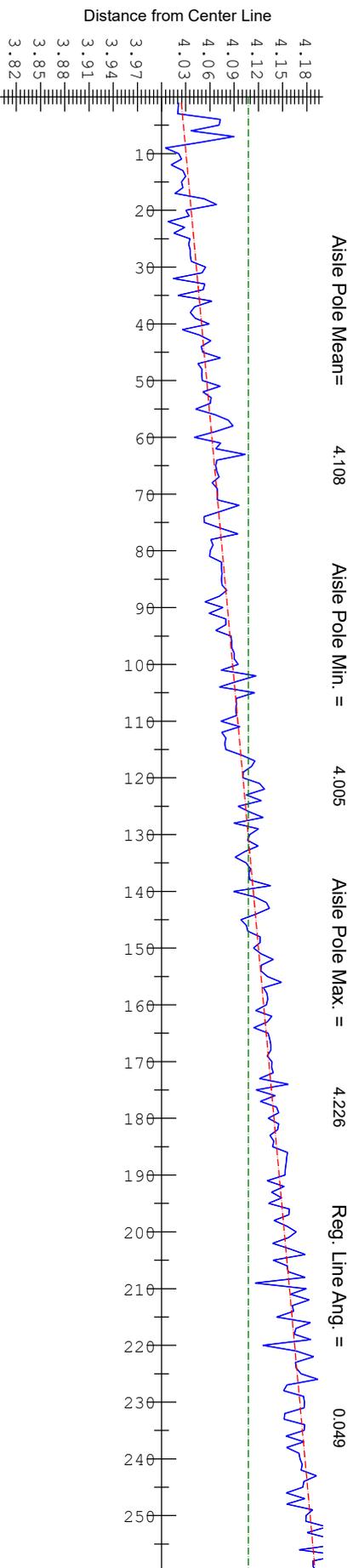


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HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0003	DS Full :	8.3000
Nom. Taper :	0.300	US Wall Half :	3.9994	DS Wall Half :	4.1478
		US Aisle Half :	4.0001	DS Aisle Half :	4.1475

S/N	: HXU_000
Date	: 30-AUG-2021
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

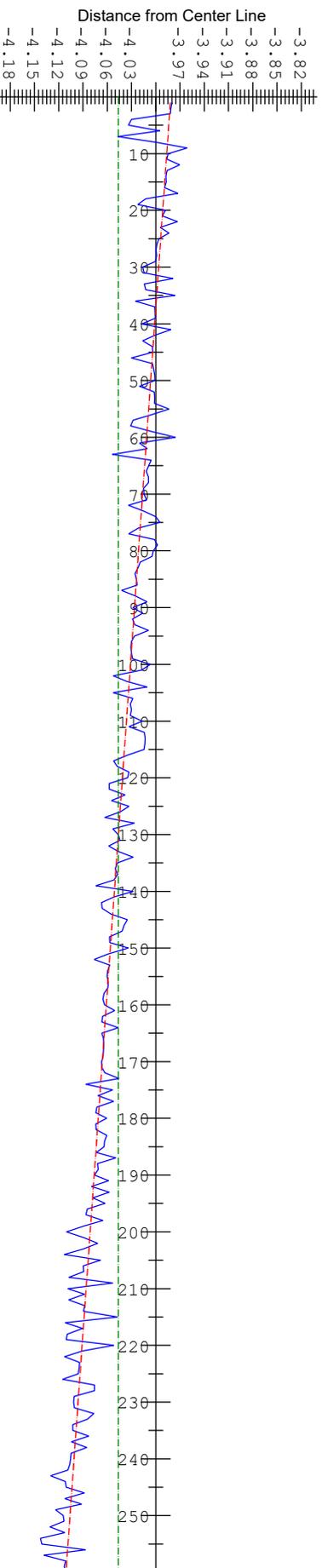


Aisle Pole Tips at Nom. Beam Height

Pole Tip Num. ----->

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

Minimum Clearance Gap = 7.922



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 : 8.0003 DS Full : 8.3000

Nom. Taper : 0.300 US Wall Half : 3.9994 DS Wall Half : 4.1478

US Aisle Half : 4.0001 DS Aisle Half : 4.1475

S/N : **HXU_000**

Date : **30-AUG-2021**

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)	4.025	0.000	8.750	
US Wall Pole Tip(1)	-3.982	0.000	8.750	
US Sym. Pt.	0.021			
US Gap				8.006
DS Aisle Pole Tip(260)	4.191	0.000	3375.750	
DS Wall Pole Tip(260)	-4.111	0.000	3375.750	
DS Sym. Pt.	0.040			
DS Gap				8.302
Taper				0.295

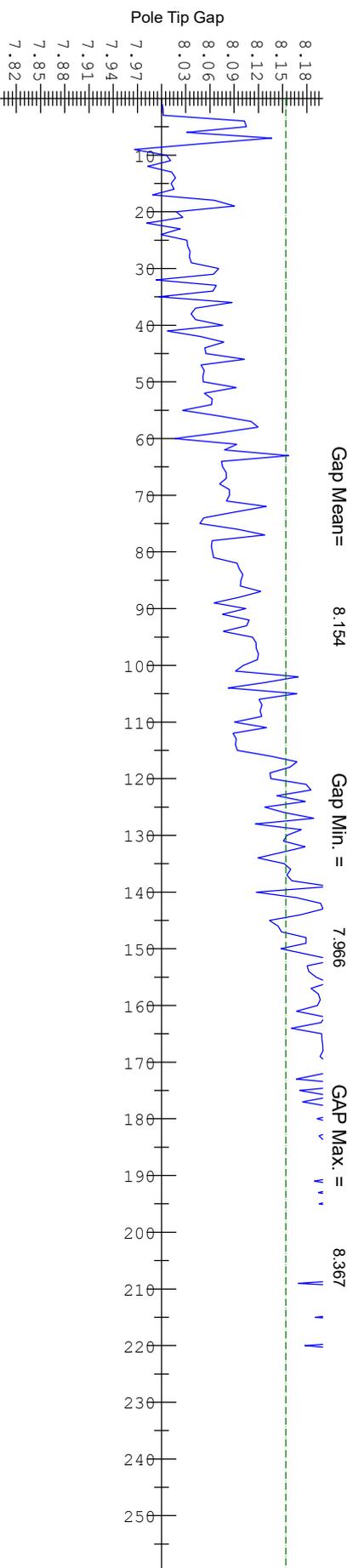
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

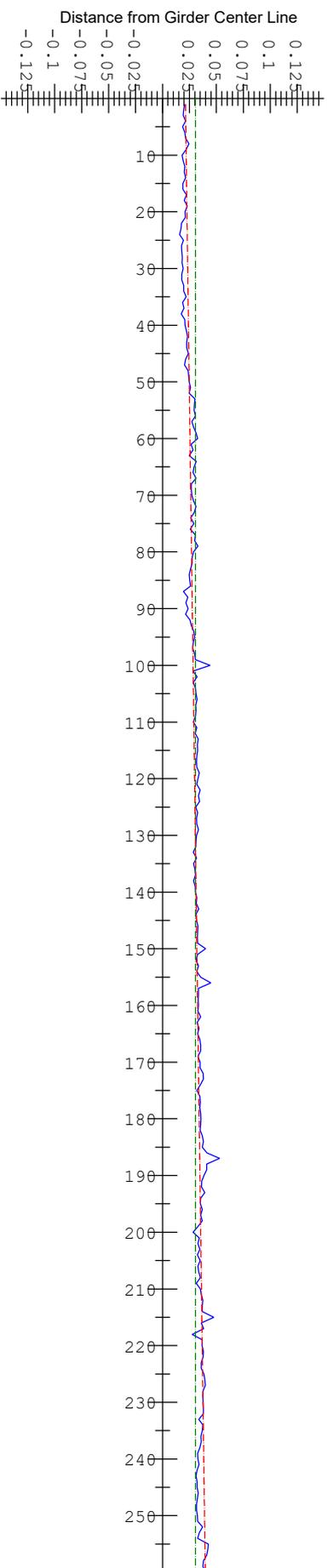
Nominal Gap :	8.000	US Full :	8.0003	DS Full :	8.3000
Nom. Taper :	0.300	US Wall Half :	3.9994	DS Wall Half :	4.1478
		US Aisle Half :	4.0001	DS Aisle Half :	4.1475

S/N	: HXU_000
Date	: 30-AUG-2021
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



Pole Tip Num. ----->

Pole Tip Symmetry Point at Nom. Beam Height



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Gap and Symmetry Point Location

Nominal Gap :	8.000	US Full :	8.0003	DS Full :	8.3000
Nom. Taper :	0.300	US Wall Half :	3.9994	DS Wall Half :	4.1478
		US Aisle Half :	4.0001	DS Aisle Half :	4.1475

S/N	: HXU_000
Date	: 30-AUG-2021
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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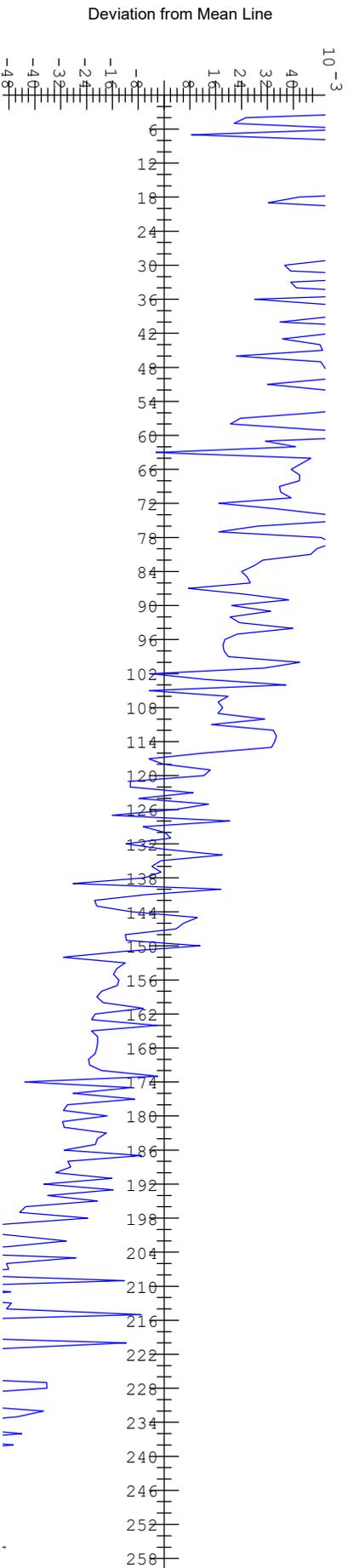
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0003 DS Full : 8.3000
 Nom. Taper : 0.300 US Wall Half : 3.9994 DS Wall Half : 4.1478
 US Aisle Half : 4.0001 DS Aisle Half : 4.1475

S/N : HXU_000
 Date : 30-AUG-2021
 Data Set : 0001
 Run : FINAL
 Cam Pos. : B

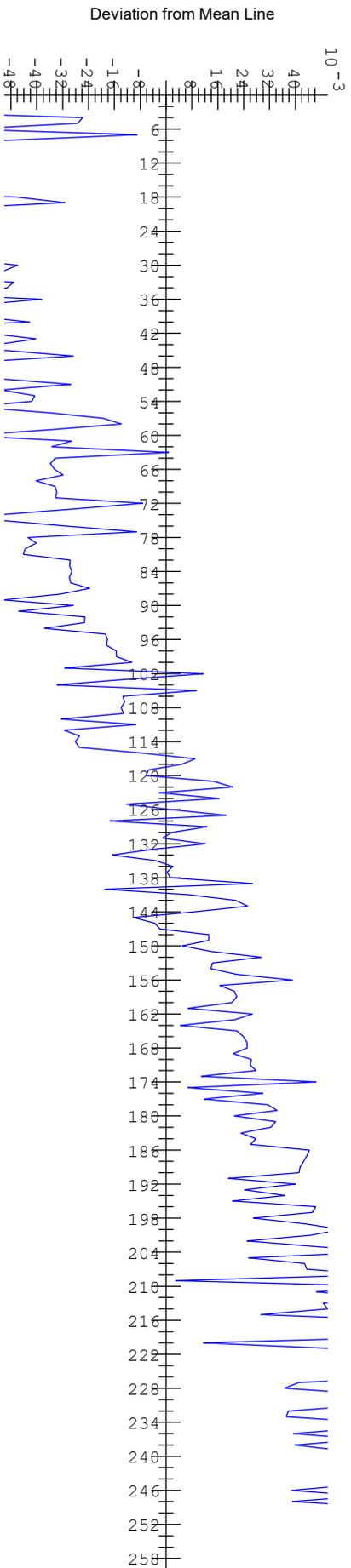
Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

Dimensions in MM



Pole Tip Num. ----->

Wall Pole Tips



Aisle Pole Tips