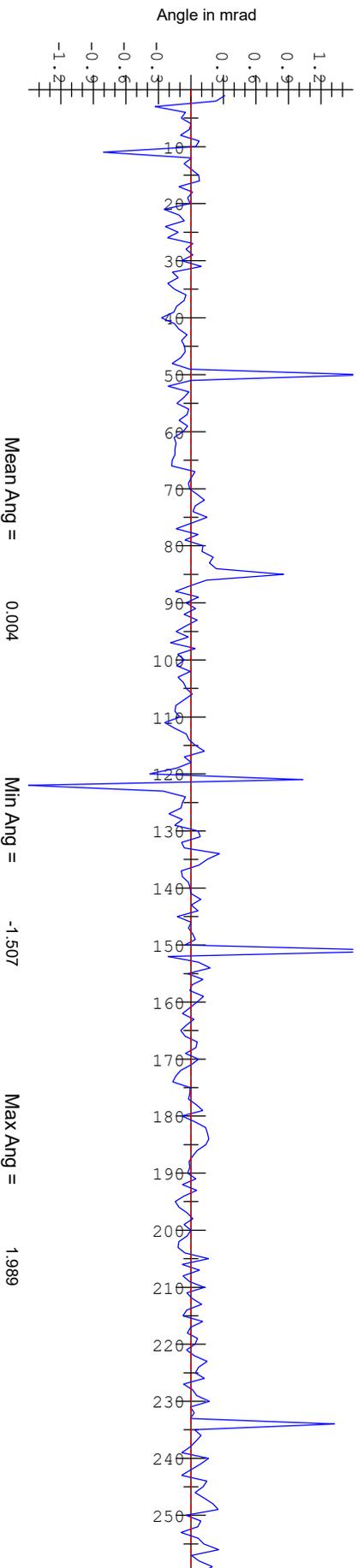


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

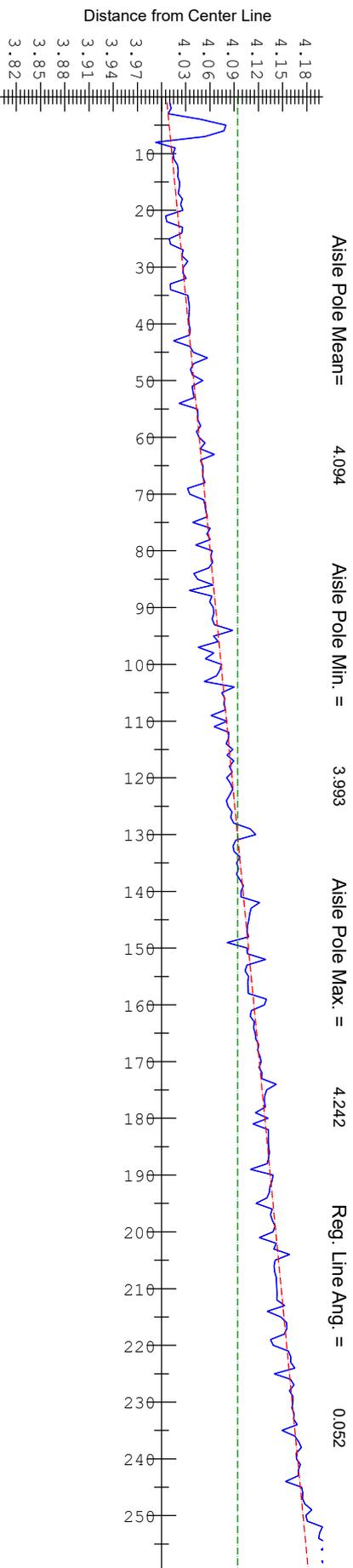


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HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.2999
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1513
		US Aisle Half :	4.0025	DS Aisle Half :	4.1500

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



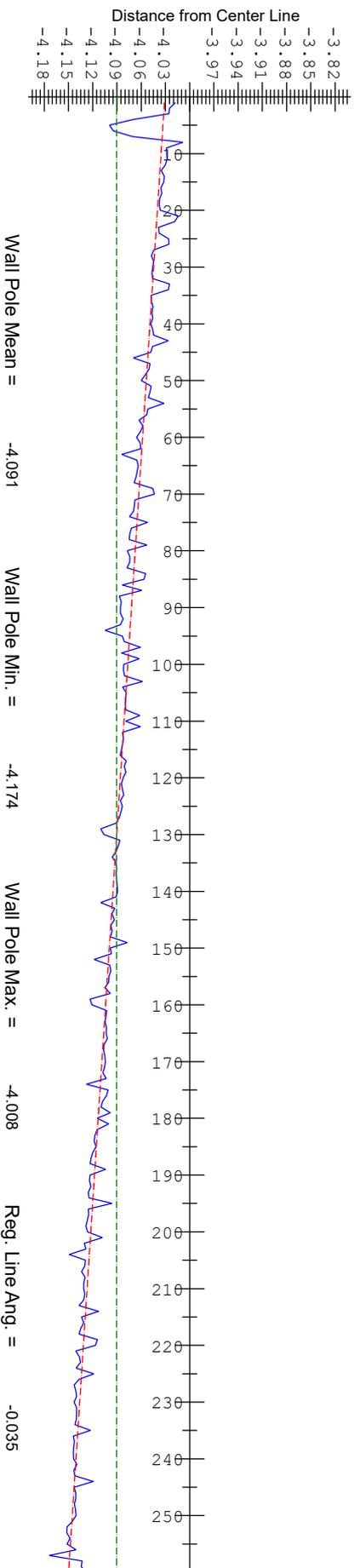
Aisle Pole Tips at Nom. Beam Height

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 = 7.985



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 :	8.2999
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1513
		US Aisle Half :	4.0025	DS Aisle Half :	4.1500

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)	4.007	0.000	8.750	
US Wall Pole Tip(1)	-4.031	0.000	8.750	
US Sym. Pt.	-0.012			
US Gap				8.038
DS Aisle Pole Tip(260)	4.182	0.000	3375.750	
DS Wall Pole Tip(260)	-4.150	0.000	3375.750	
DS Sym. Pt.	0.016			
DS Gap				8.332
Taper				0.294

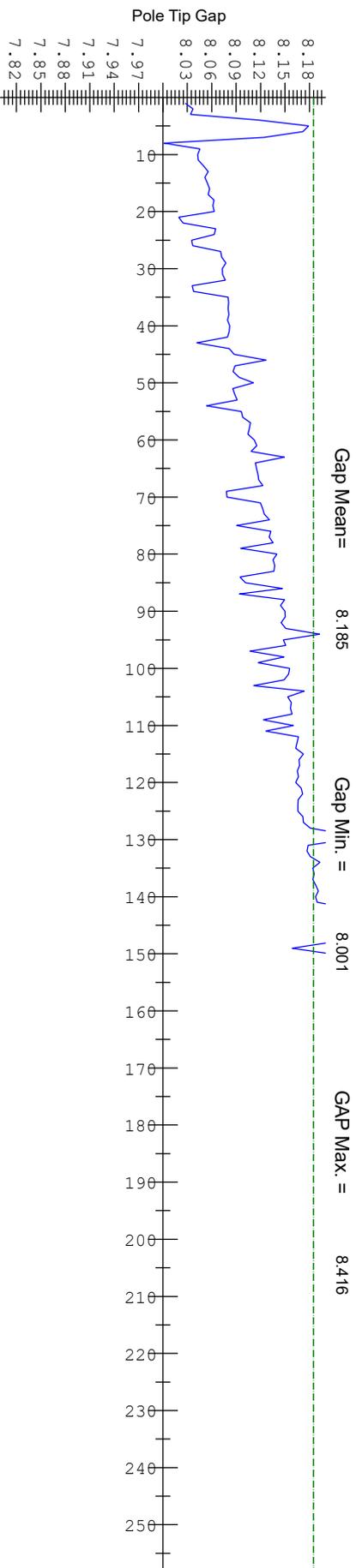
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

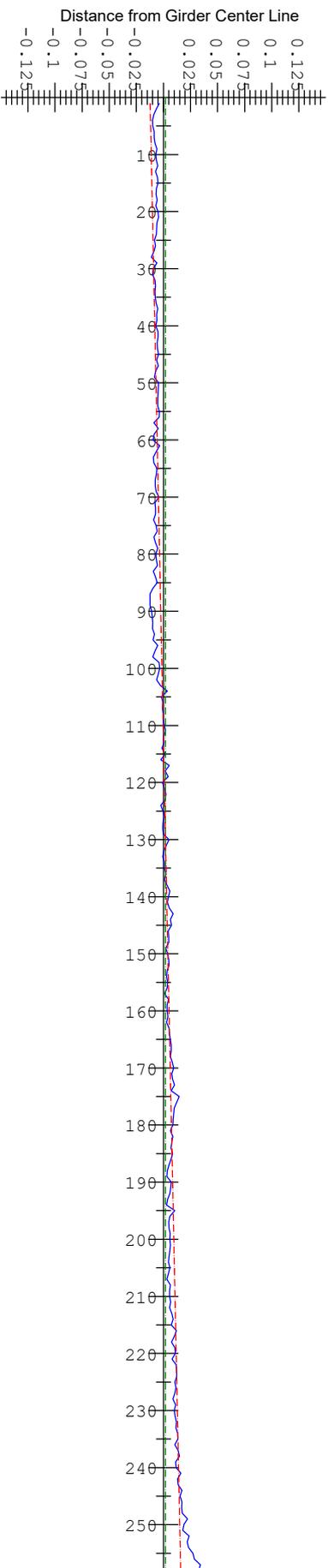
Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.2999
US Wall Half :	4.0033	DS Wall Half :	4.1513		
US Aisle Half :	4.0025	DS Aisle Half :	4.1500		
Nom. Taper :	0.300				

S/N	: HXU_014
Date	: 25-AUG-2020
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 :	8.0001	DS Full :	8.2999
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1513
		US Aisle Half :	4.0025	DS Aisle Half :	4.1500

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



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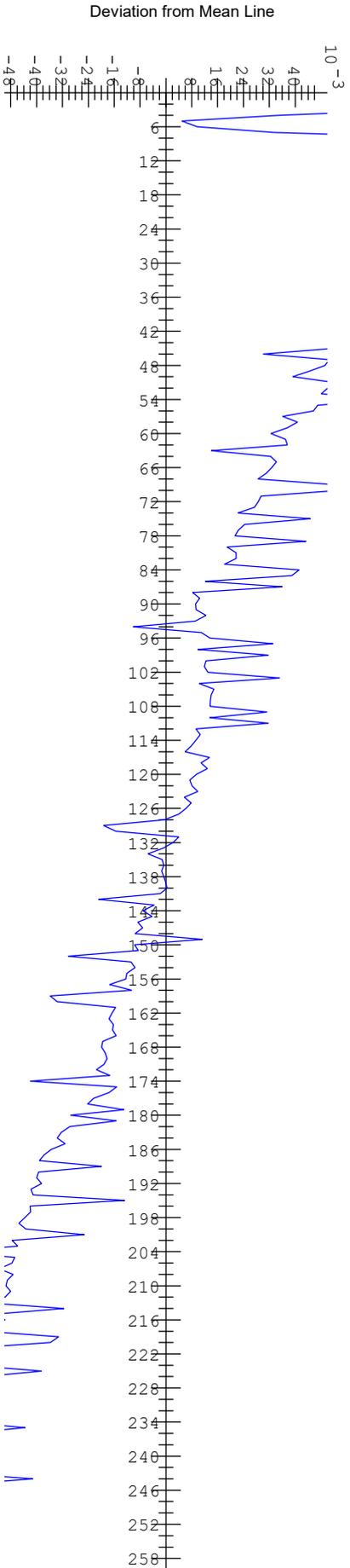
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0001 DS Full : 8.2999
 Nom. Taper : 0.300 US Wall Half : 4.0033 DS Wall Half : 4.1513
 US Aisle Half : 4.0025 DS Aisle Half : 4.1500

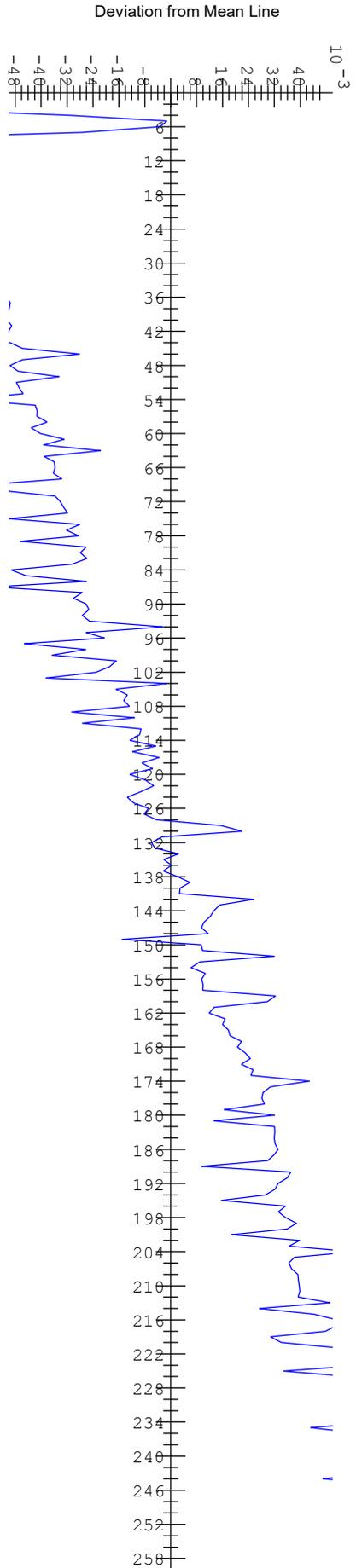
S/N : HXU_014
 Date : 25-AUG-2020
 Data Set : 0001
 Run : FINAL
 Cam Pos. : B

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

Dimensions in MM



Wall Pole Tips



Aisle Pole Tips