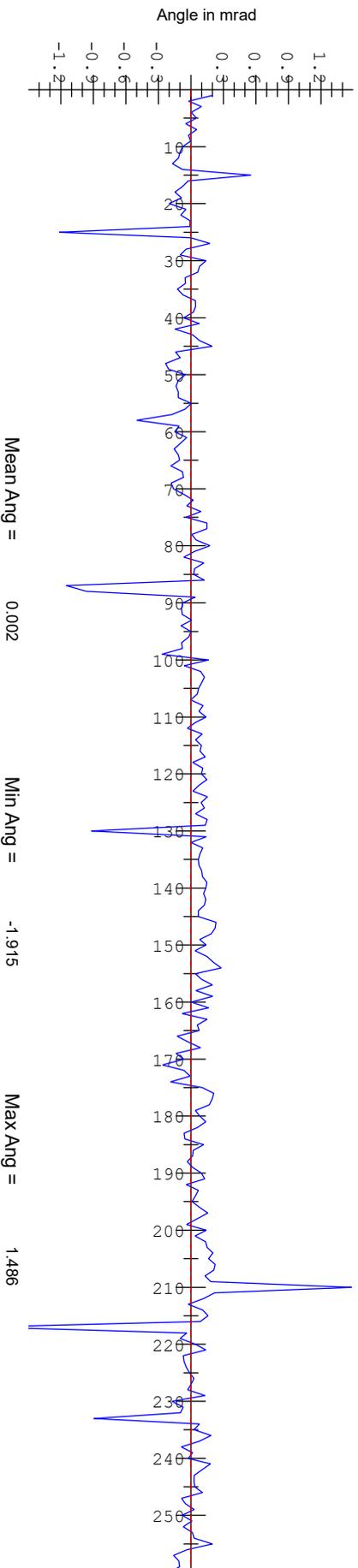


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

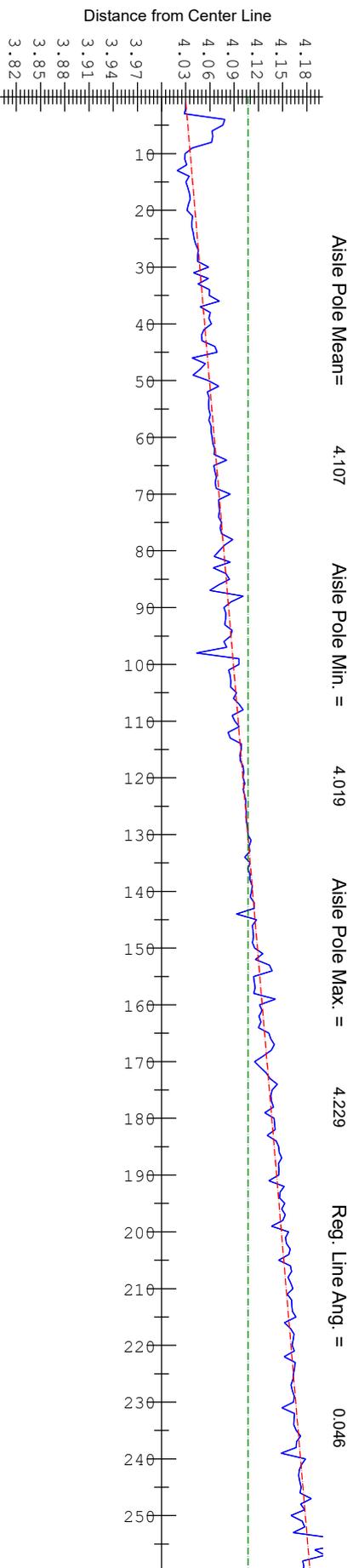


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HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.3002
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1514
		US Aisle Half :	4.0028	DS Aisle Half :	4.1505

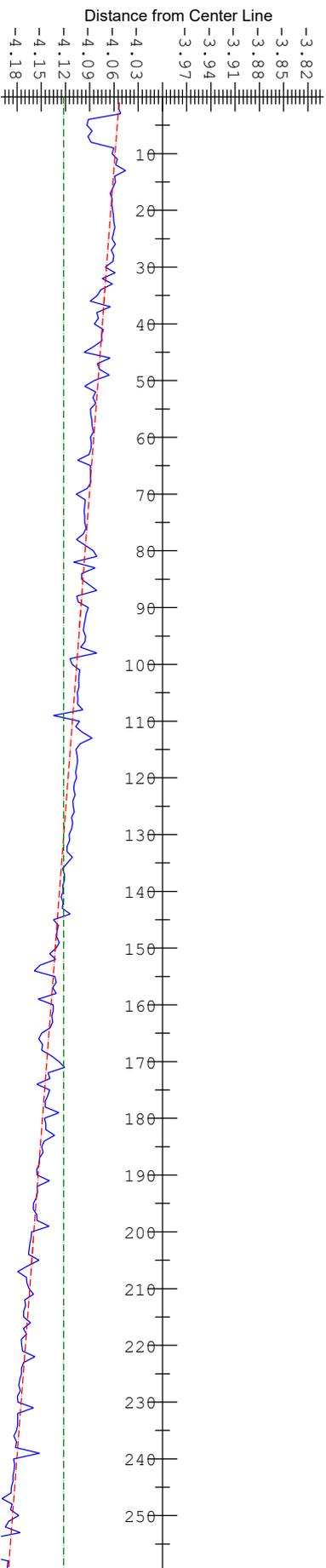
S/N	: HXU_001
Date	: 06-AUG-2020
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B



Aisle Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 8.039



Wall Pole Tips at Nom. Beam Height

Dimensions in MM, Angles in Milliradians

HGVPU - Pole Tip Location from Girder Centerline

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.3002
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1514
		US Aisle Half :	4.0028	DS Aisle Half :	4.1505

S/N	: HXU_001
Date	: 06-AUG-2020
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

Girder centerline in reference to Pointed Magnets

Values Calculated from Regression Line End Points

Dimension	X Value	Y Value	Z Value	Calc. Value
US Aisle Pole Tip(1)	4.030	0.000	8.750	
US Wall Pole Tip(1)	-4.054	0.000	8.750	
US Sym. Pt.	-0.012			
US Gap				8.084
DS Aisle Pole Tip(260)	4.184	0.000	3375.750	
DS Wall Pole Tip(260)	-4.191	0.000	3375.750	
DS Sym. Pt.	-0.003			
DS Gap				8.375
Taper				0.291

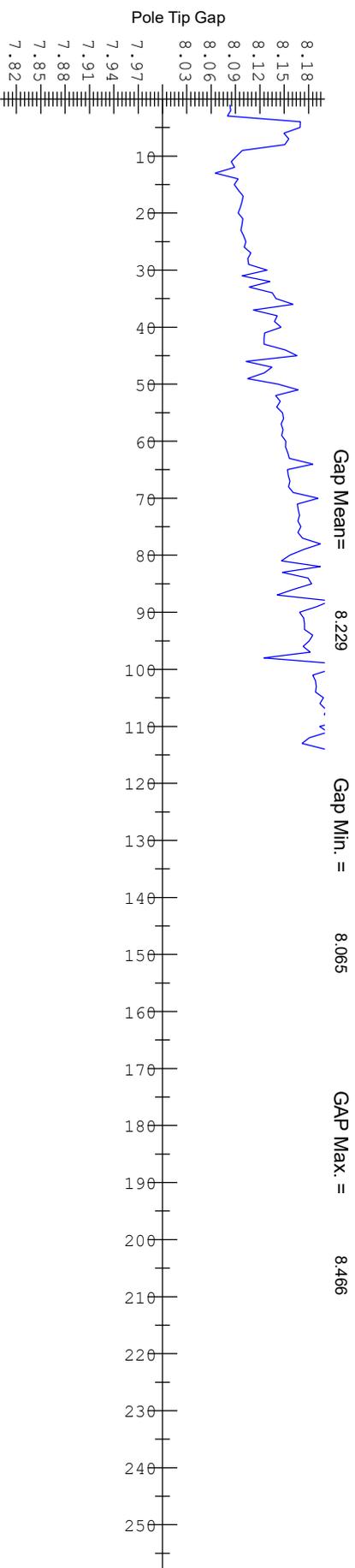
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.3002
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1514
		US Aisle Half :	4.0028	DS Aisle Half :	4.1505

S/N	: HXU_001
Date	: 06-AUG-2020
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

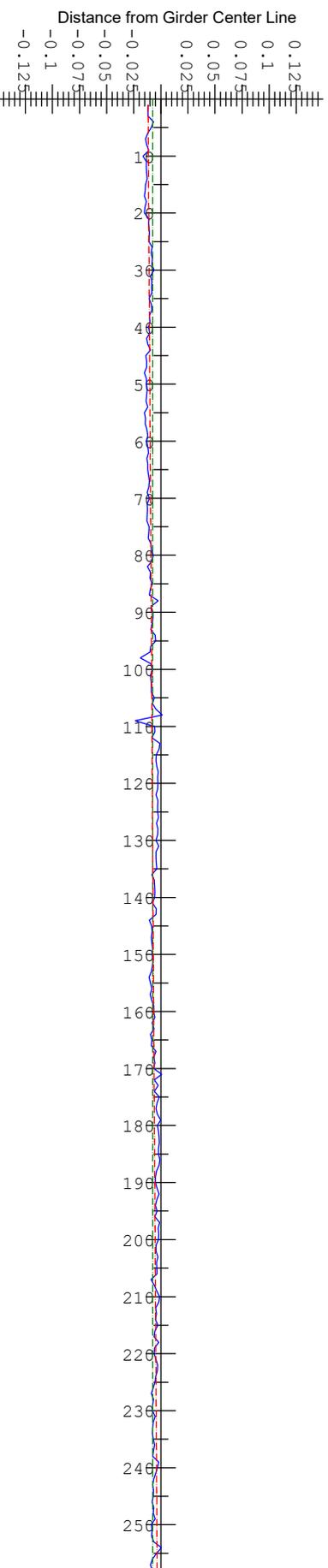


Pole Tip Gap at Nom. Beam Height

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 :	8.3002
Nom. Taper :	0.300	US Wall Half :	4.0033	DS Wall Half :	4.1514
		US Aisle Half :	4.0028	DS Aisle Half :	4.1505

S/N	: HXU_001
Date	: 06-AUG-2020
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B



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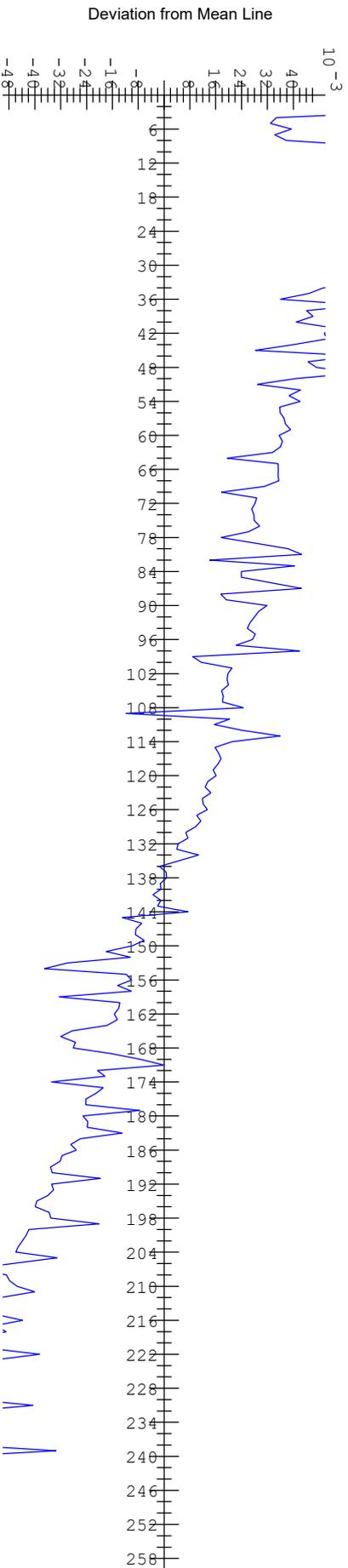
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0001 DS Full : 8.3002
 Nom. Taper : 0.300 US Wall Half : 4.0033 DS Wall Half : 4.1514
 US Aisle Half : 4.0028 DS Aisle Half : 4.1505

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

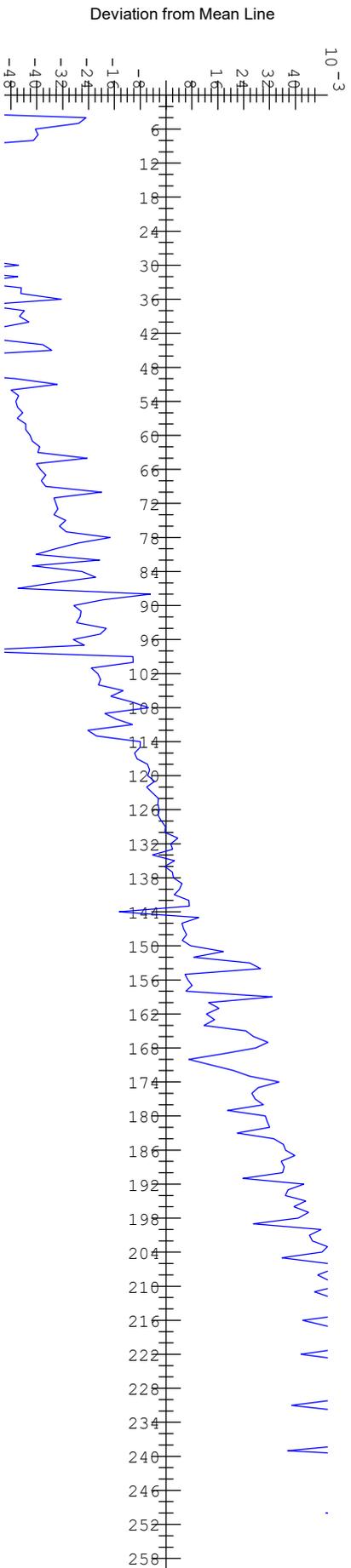
Dimensions in MM

S/N : HXU_001
 Date : 06-AUG-2020
 Data Set : 0002
 Run : FINAL
 Cam Pos. : B



Pole Tip Num. ----->

Wall Pole Tips



Aisle Pole Tips