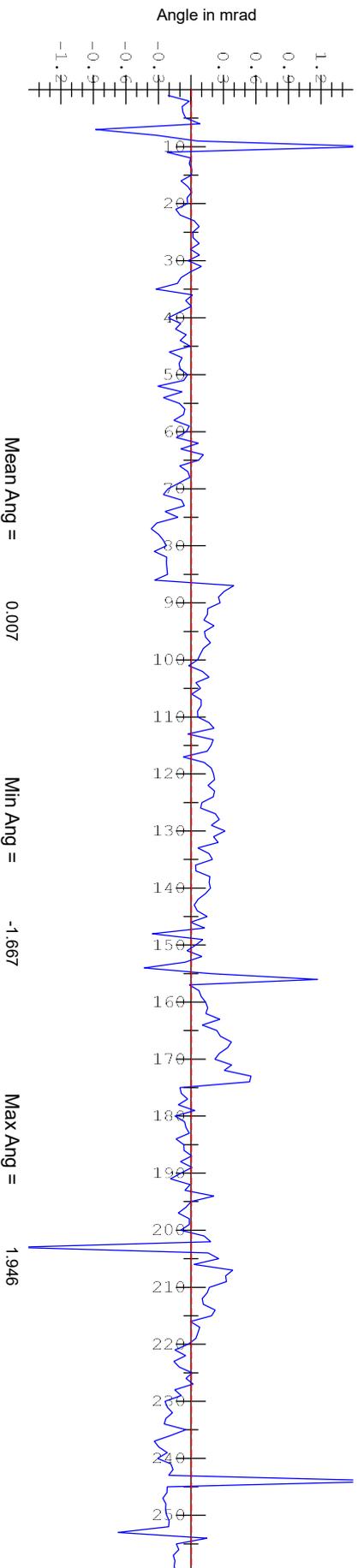


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

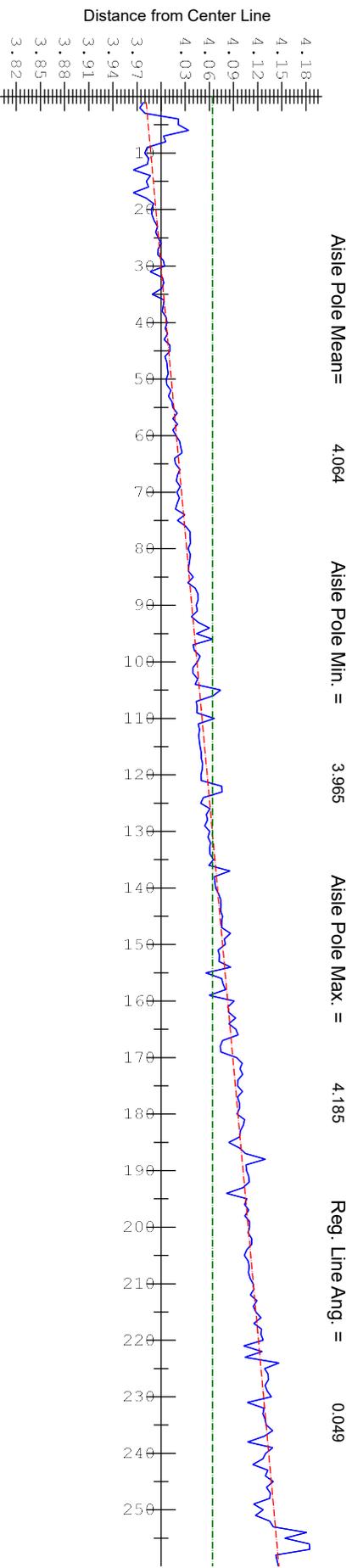


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HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0002	DS Full :	8.3001
Nom. Taper :	0.300	US Wall Half :	4.0003	DS Wall Half :	4.1479
		US Aisle Half :	4.0007	DS Aisle Half :	4.1477

S/N :	HXU 033
Date :	20-JUL-2020
Data Set :	0001
Run :	FINAL
Cam Pos. :	B



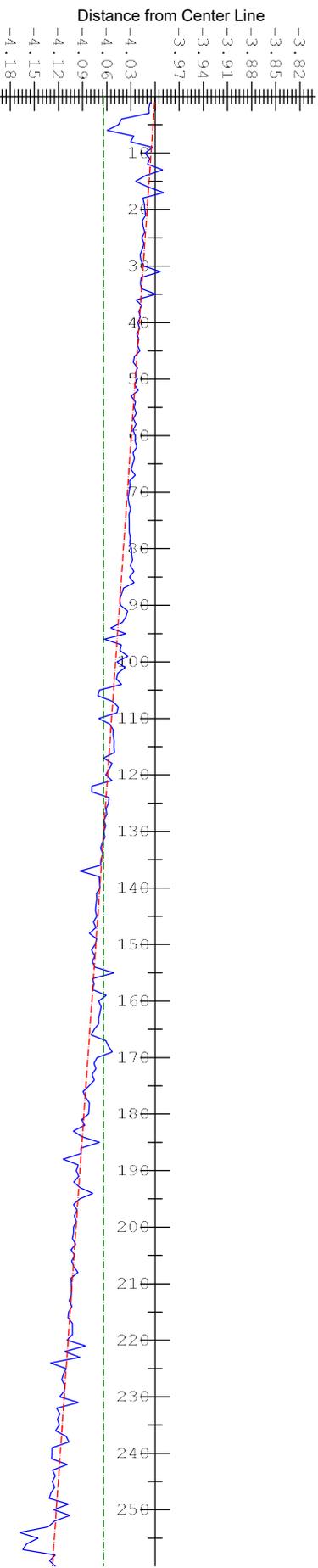
Pole Tip Num. ----->

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 = 7.931



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

	HGVPU - Pole Tip Location from Girder Centerline				
	Nominal Gap :	8.000	US Wall Half :	4.0003	
Nom. Taper :	0.300	US Aisle Half :	4.0007	DS Full :	8.3001
		DS Wall Half :	4.1479	DS Aisle Half :	4.1477
S/N	: HXU_033	Date	: 20-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)	3.981	0.000	8.750	
US Wall Pole Tip(1)	-4.001	0.000	8.750	
US Sym. Pt.	-0.010			
US Gap				7.982
DS Aisle Pole Tip(260)	4.146	0.000	3375.750	
DS Wall Pole Tip(260)	-4.128	0.000	3375.750	
DS Sym. Pt.	0.009			
DS Gap				8.274
Taper				0.292

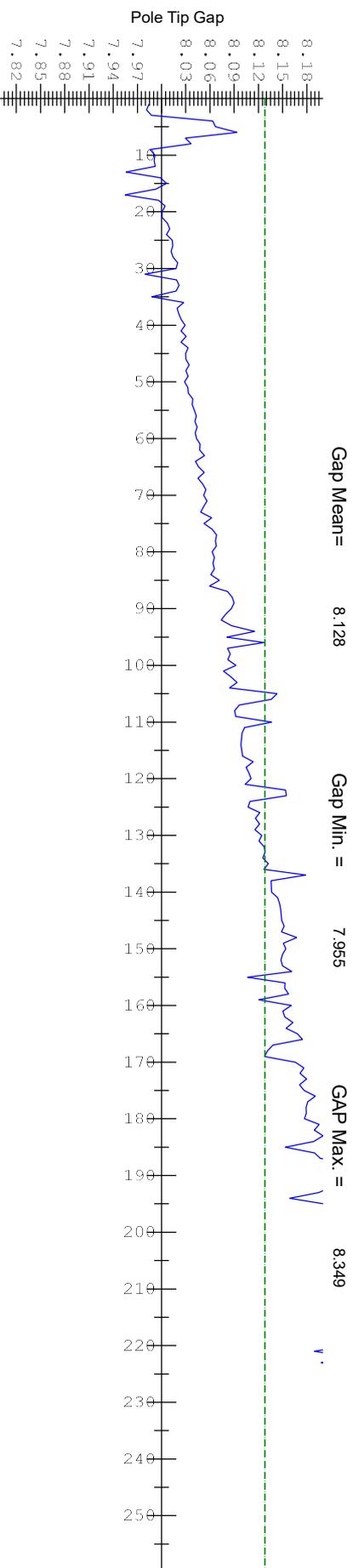
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0002	DS Full :	8.3001
US Wall Half :	4.0003	DS Wall Half :	4.1479		
US Aisle Half :	4.0007	DS Aisle Half :	4.1477		
Nom. Taper :	0.300				

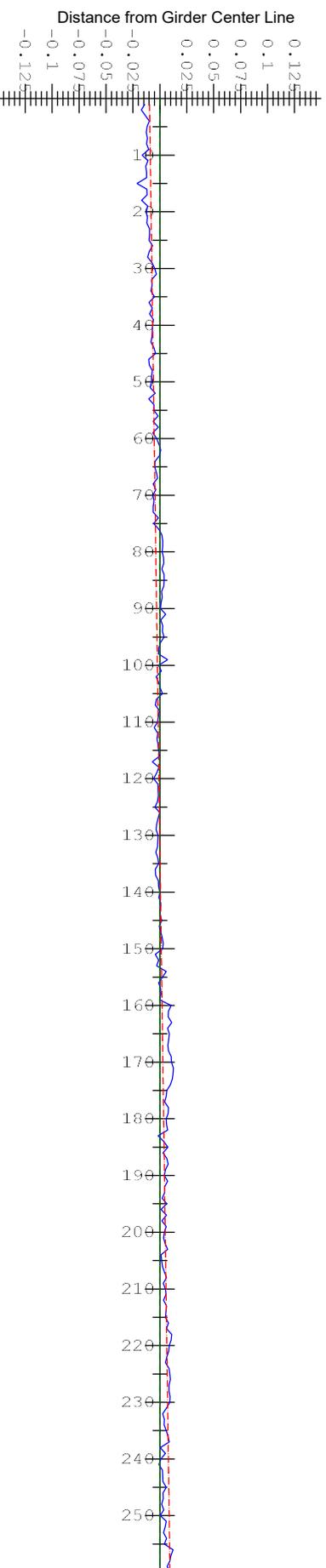
S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



Pole Tip Gap at Nom. Beam Height

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 :	8.0002	DS Full :	8.3001
Nom. Taper :	0.300	US Wall Half :	4.0003	DS Wall Half :	4.1479
		US Aisle Half :	4.0007	DS Aisle Half :	4.1477

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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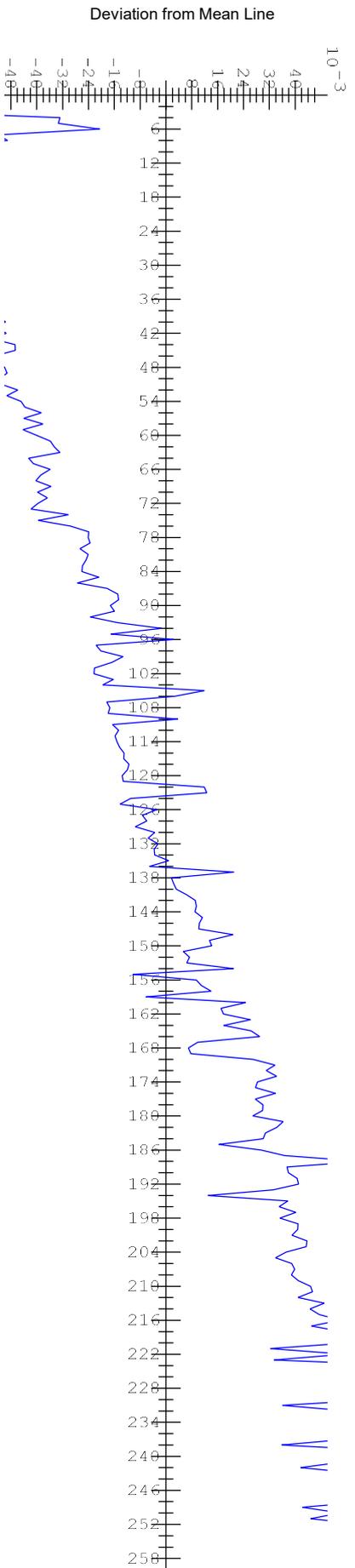
HGVPU - Pole Tip Deviation from Mean Line

S/N : HXU_033
Date : 20-JUL-2020
Data Set : 0001
Run : FINAL
Cam Pos. : B

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

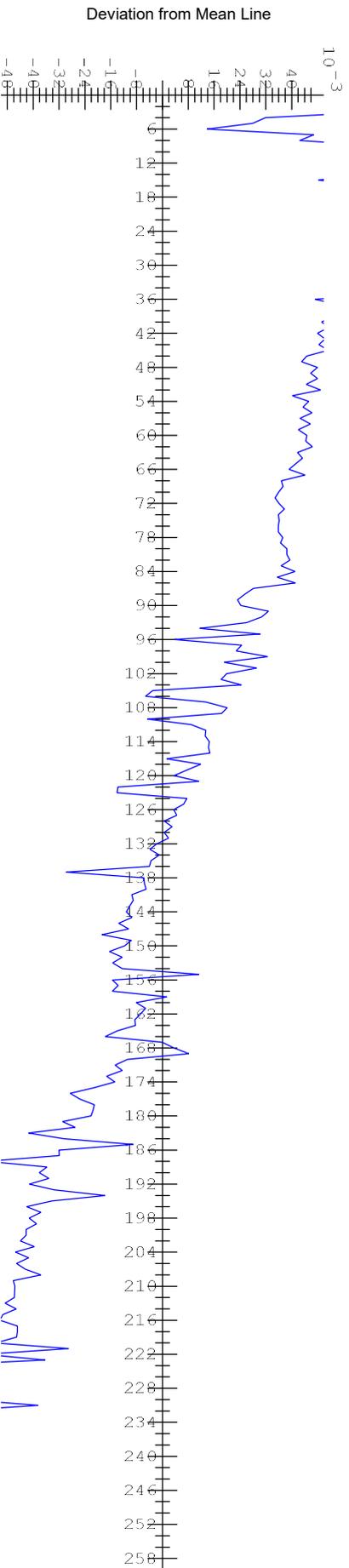
Dimensions in MM

Nominal Gap : 8.000 US Full : 8.0002 DS Full : 8.3001
Nom. Taper : 0.300 US Wall Half : 4.0003 DS Wall Half : 4.1479
US Aisle Half : 4.0007 DS Aisle Half : 4.1477



Aisle Pole Tips

Pole Tip Num. ----->



Wall Pole Tips