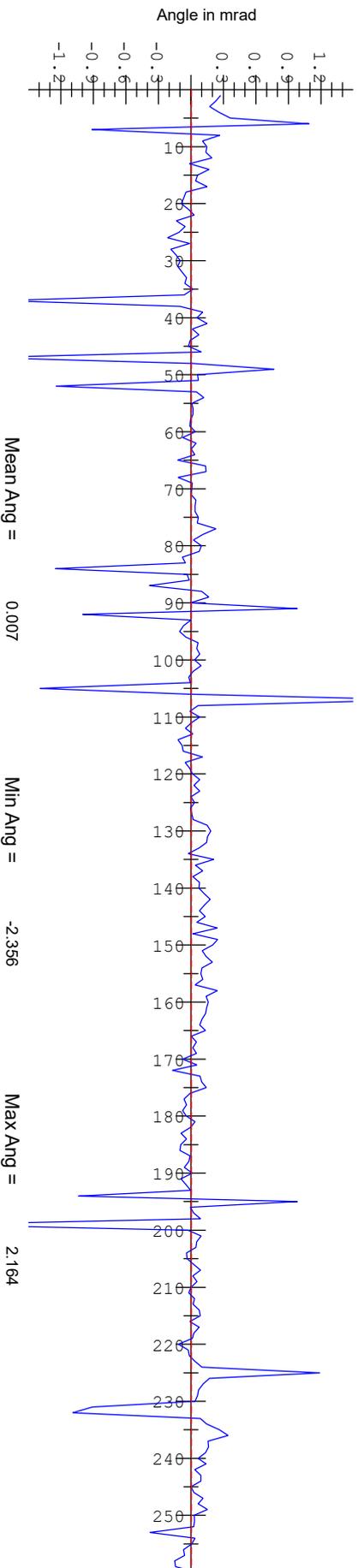


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



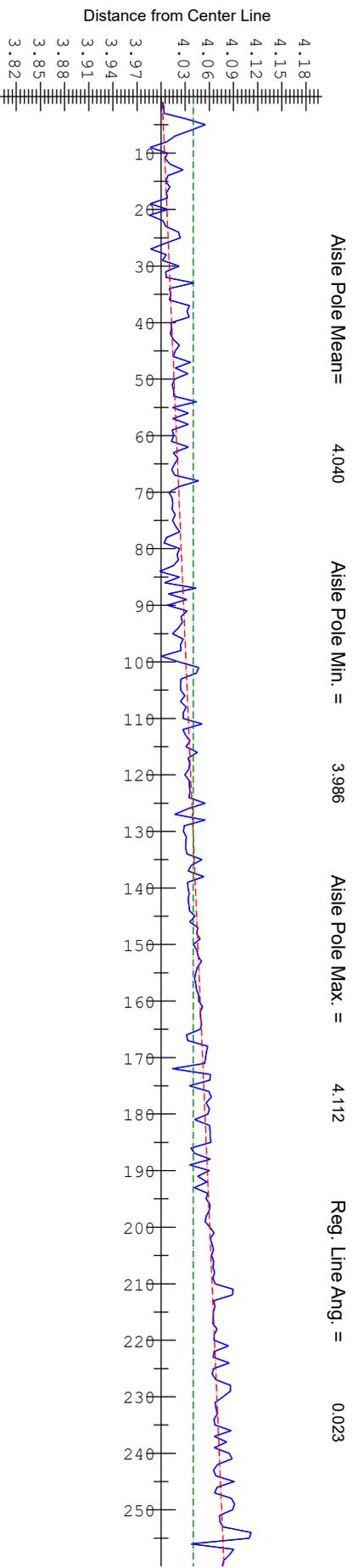
Dimensions in MM, Angles in Milliradians



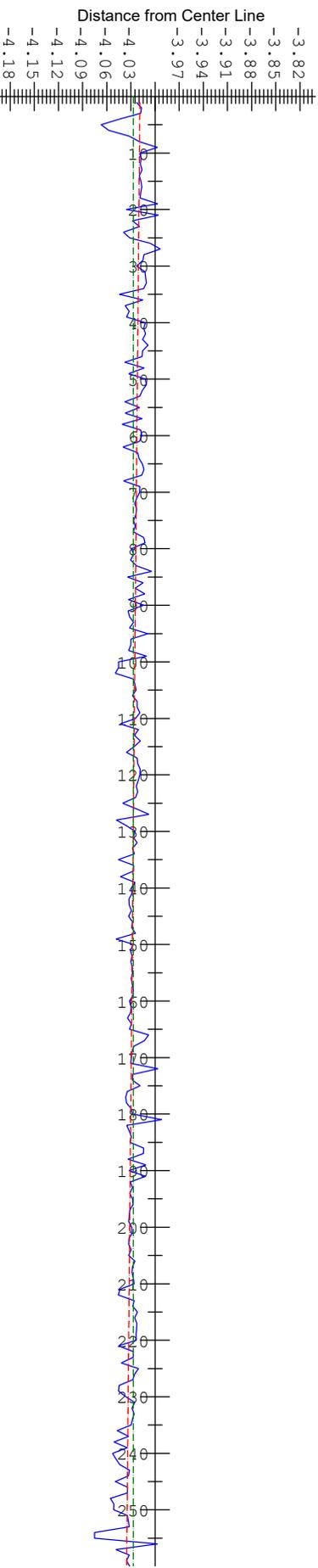
HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.1000
Nom. Taper :	0.100	US Wall Half :	4.0009	DS Wall Half :	4.0470
		US Aisle Half :	4.0021	DS Aisle Half :	4.0482

S/N	: HXU 015
Date	: 05-NOV-2020
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 = 7.971



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 :	8.1000
Nom. Taper :	0.100	US Wall Half :	4.0009	DS Wall Half :	4.0470
		US Aisle Half :	4.0021	DS Aisle Half :	4.0482

S/N	: HXU 015
Date	: 05-NOV-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)	4.002	0.000	8.750	
US Wall Pole Tip(1)	-4.019	0.000	8.750	
US Sym. Pt.	-0.009			
US Gap				8.021
DS Aisle Pole Tip(260)	4.078	0.000	3375.750	
DS Wall Pole Tip(260)	-4.035	0.000	3375.750	
DS Sym. Pt.	0.021			
DS Gap				8.114
Taper				0.093

Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0001	DS Full :	8.1000
US Wall Half :	4.0009	DS Wall Half :	4.0470		
US Aisle Half :	4.0021	DS Aisle Half :	4.0482		
Nom. Taper :	0.100				

S/N	: HXU 015
Date	: 05-NOV-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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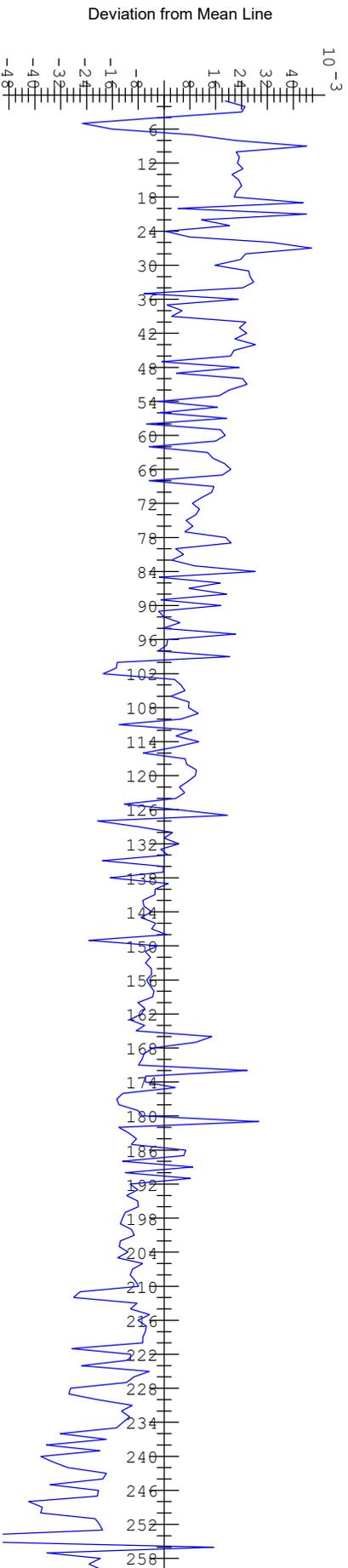
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0001 DS Full : 8.1000
 Nom. Taper : 0.100 US Wall Half : 4.0009 DS Wall Half : 4.0470
 US Aisle Half : 4.0021 DS Aisle Half : 4.0482

S/N : HXU 015
 Date : 05-NOV-2020
 Data Set : 0001
 Run : FINAL
 Cam Pos. : B

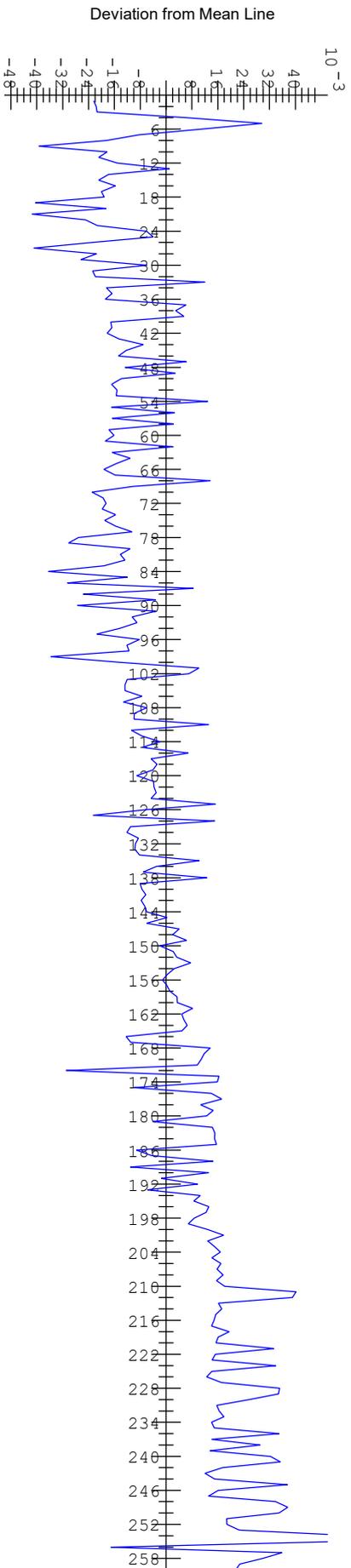
Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

Dimensions in MM



Pole Tip Num. ----->

Wall Pole Tips



Aisle Pole Tips