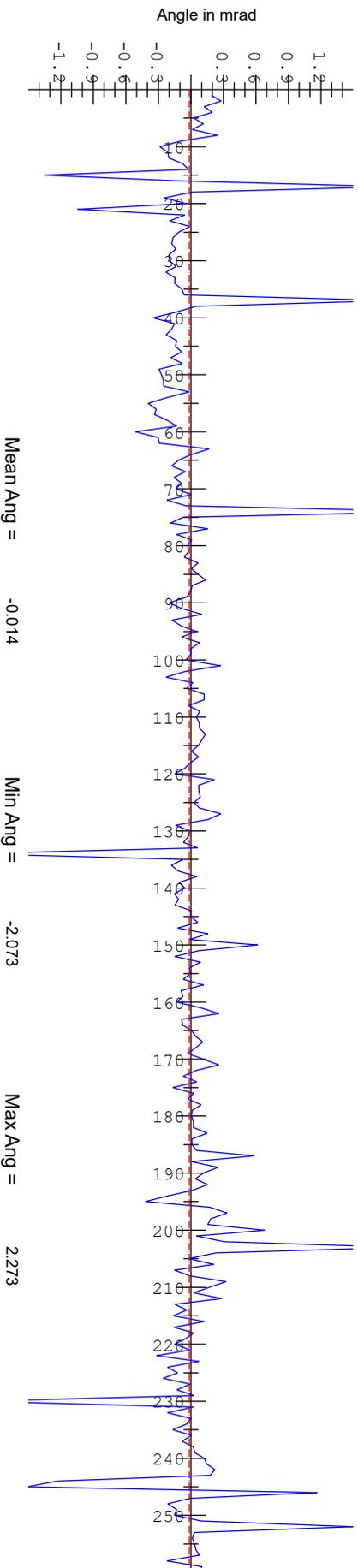


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

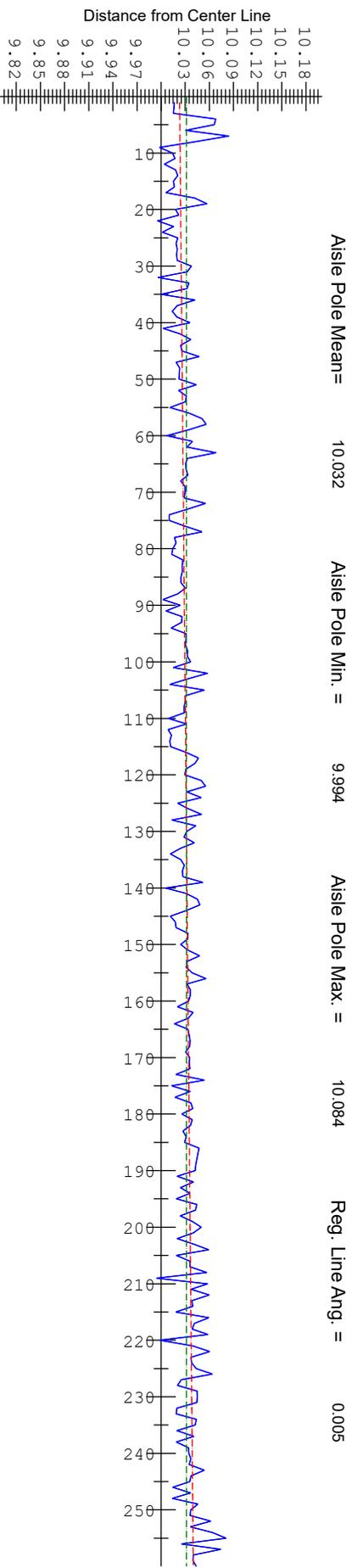


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HGVPU - Pole Tip Angles

Nominal Gap :	20.000	US Full :	19.9999	DS Full :	20.0005
Nom. Taper :	0.000	US Wall Half :	9.9899	DS Wall Half :	9.9899
		US Aisle Half :	9.9897	DS Aisle Half :	9.9923

S/N	: HXU_000
Date	: 31-AUG-2021
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

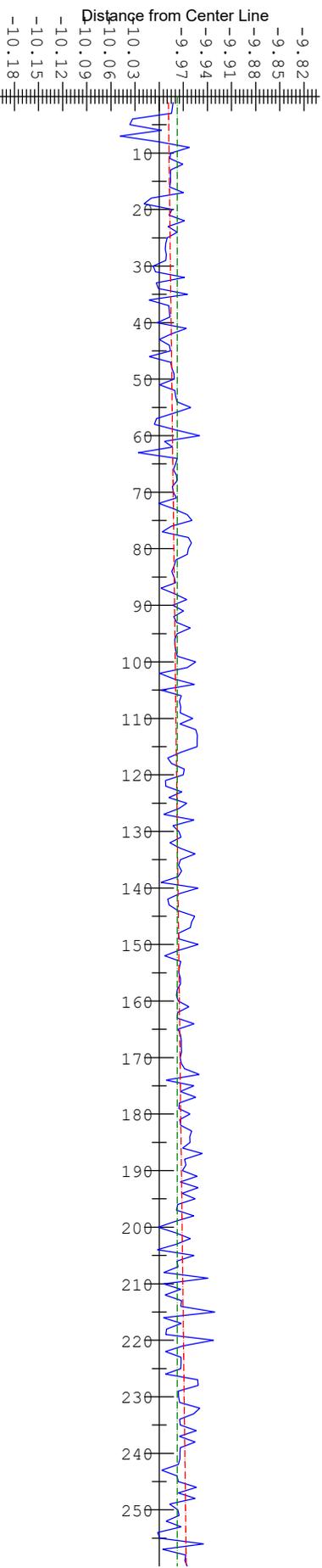


Pole Tip Num. ----->

Aisle Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 19.861



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 : 20.000 US Full : 19.9999 DS Full : 20.0005
 US Wall Half : 9.9899 DS Wall Half : 9.9899
 Nom. Taper : 0.000 US Aisle Half : 9.9897 DS Aisle Half : 9.9923

S/N : **HXU 000**
 Date : **31-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)	10.023	0.000	8.750	
US Wall Pole Tip(1)	-9.989	0.000	8.750	
US Sym. Pt.	0.017			
US Gap				20.012
DS Aisle Pole Tip(260)	10.040	0.000	3375.750	
DS Wall Pole Tip(260)	-9.966	0.000	3375.750	
DS Sym. Pt.	0.037			
DS Gap				20.006
Taper				-0.005

Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	20.000	US Full :	19.9999	DS Full :	20.0005
Norm. Taper :	0.000	US Wall Half :	9.9899	DS Wall Half :	9.9899
		US Aisle Half :	9.9897	DS Aisle Half :	9.9923

S/N	: HXU_000
Date	: 31-AUG-2021
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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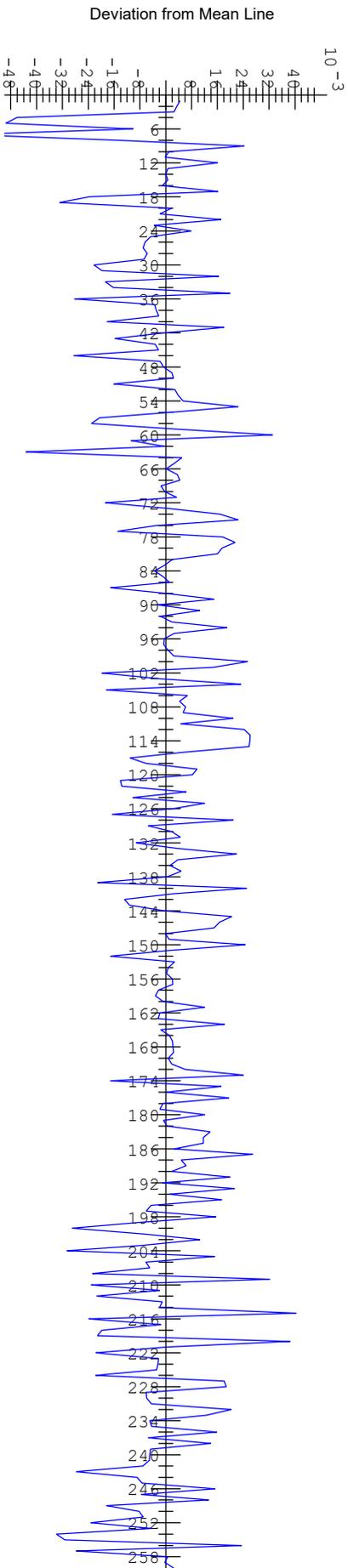
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 20.000 US Full : 19.9999 DS Full : 20.0005
 US Wall Half : 9.9899 DS Wall Half : 9.9899
 Nom. Taper : 0.000 US Aisle Half : 9.9897 DS Aisle Half : 9.9923

S/N : HXU_000
 Date : 31-AUG-2021
 Data Set : 0001
 Run : FINAL
 Cam Pos. : B

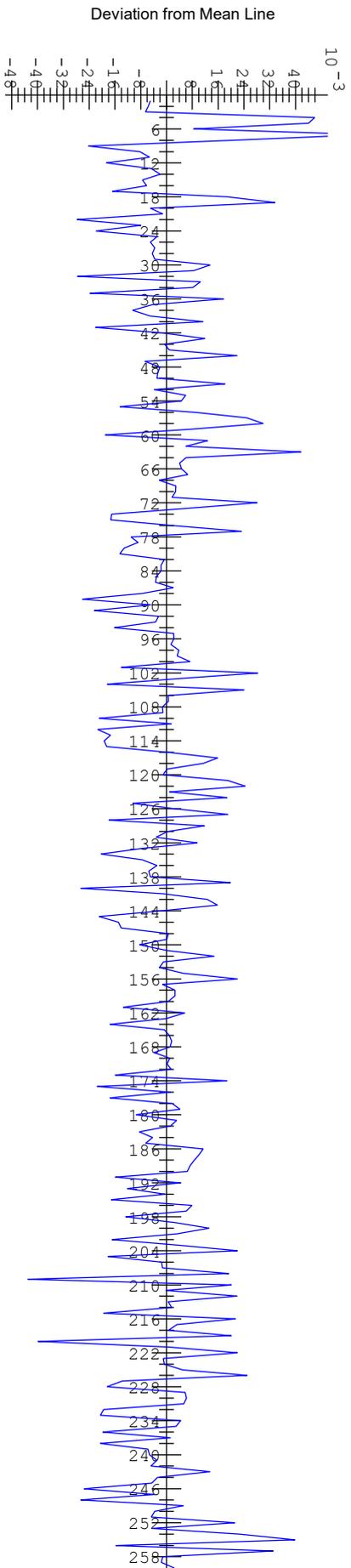
Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

Dimensions in MM



Pole Tip Num. ----->

Wall Pole Tips



Aisle Pole Tips