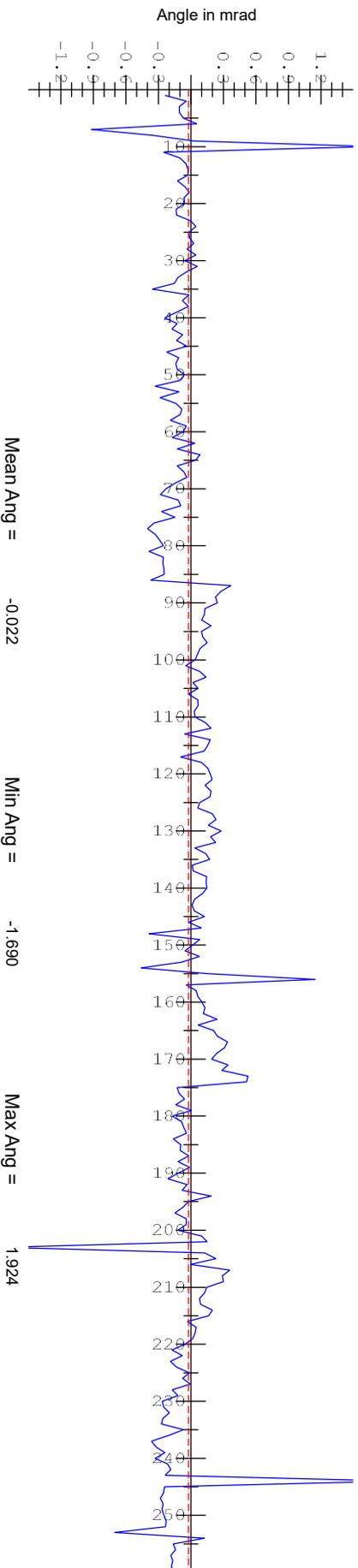


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

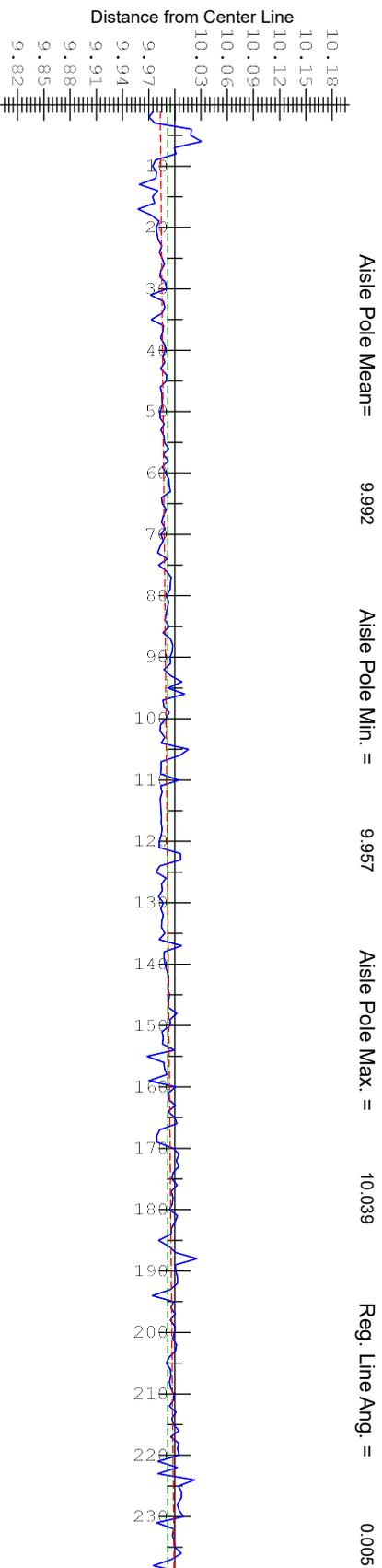


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HGVPU - Pole Tip Angles

Nominal Gap :	20.000	US Full :	20.0002	DS Full :	20.0000
Nom. Taper :	0.000	US Wall Half :	9.9909	DS Wall Half :	9.9897
		US Aisle Half :	9.9904	DS Aisle Half :	9.9898

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



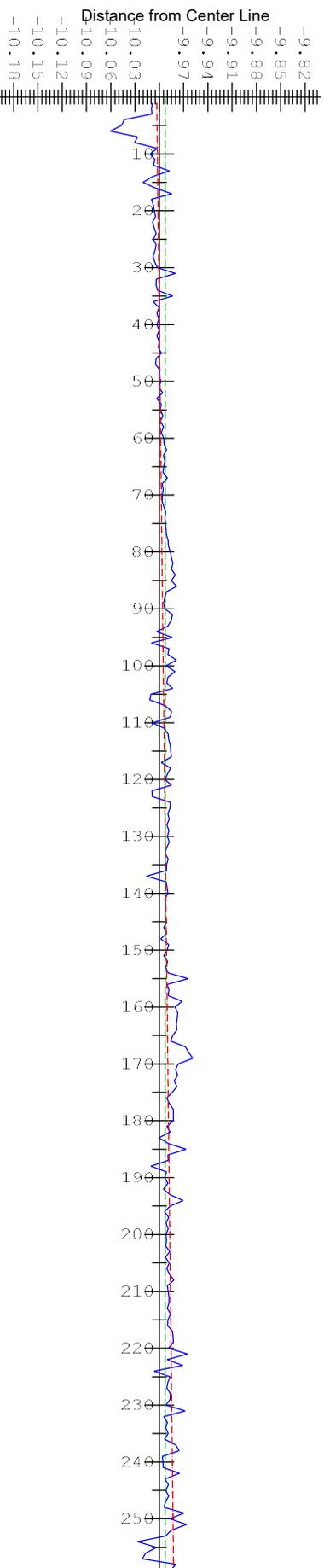
Pole Tip Num. ----->

Aisle Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 19.915

Wall Pole Tips at Nom. Beam Height



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 : 20.0002 DS Full : 20.0000

Nom. Taper : 0.000 US Wall Half : 9.9909 DS Wall Half : 9.9897

US Aisle Half : 9.9904 DS Aisle Half : 9.9898

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)	9.983	0.000	8.750	
US Wall Pole Tip(1)	-10.003	0.000	8.750	
US Sym. Pt.	-0.010			
US Gap				19.986
DS Aisle Pole Tip(260)	10.001	0.000	3375.750	
DS Wall Pole Tip(260)	-9.982	0.000	3375.750	
DS Sym. Pt.	0.009			
DS Gap				19.983
Taper				-0.004

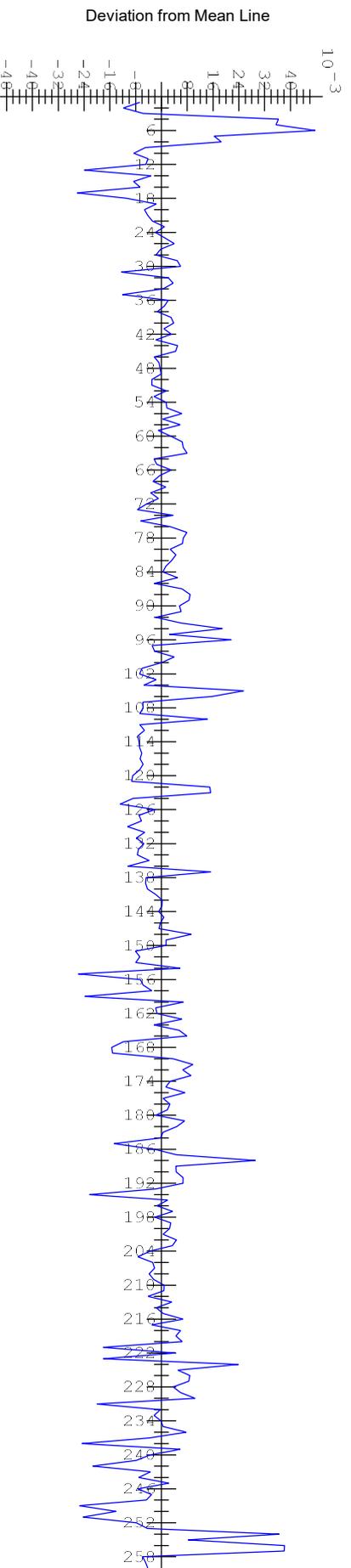
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

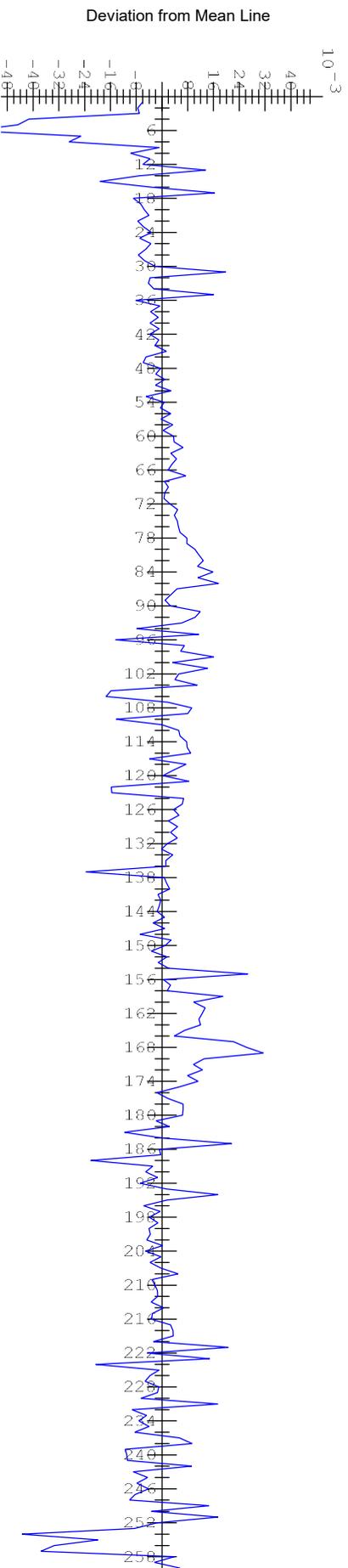
Nominal Gap :	20.000	US Full :	20.0002	DS Full :	20.0000
Norm. Taper :	0.000	US Wall Half :	9.9909	DS Wall Half :	9.9897
		US Aisle Half :	9.9904	DS Aisle Half :	9.9898

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



Aisle Pole Tips

Pole Tip Num. ----->



Wall Pole Tips

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

Dimensions in MM



HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap :	20.000	US Full :	20.0002	DS Full :	20.0000
Nom. Taper :	0.000	US Wall Half :	9.9909	DS Wall Half :	9.9897
		US Aisle Half :	9.9904	DS Aisle Half :	9.9898

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