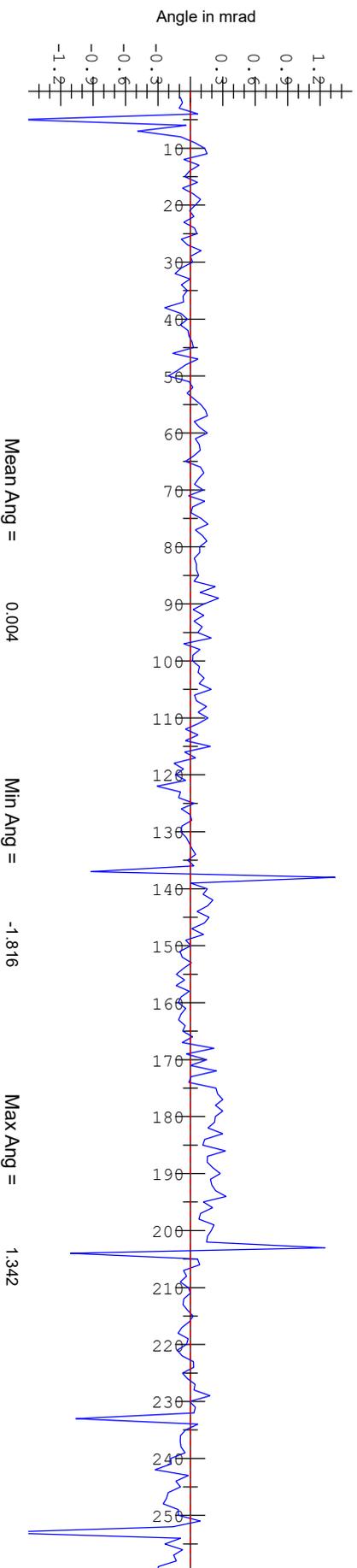


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



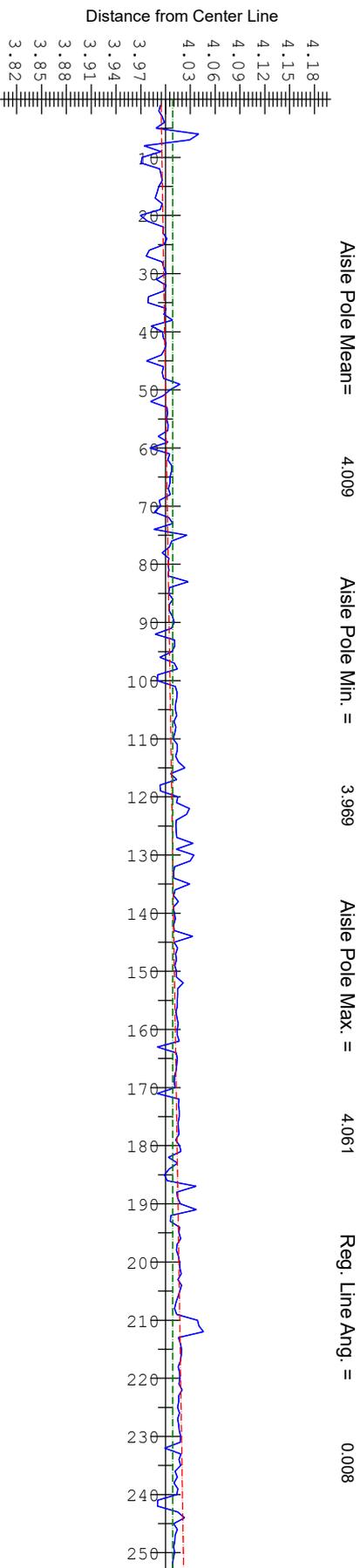
Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0000	DS Full :	7.9999
Nom. Taper :	0.000	US Wall Half :	4.0037	DS Wall Half :	4.0055
		US Aisle Half :	4.0046	DS Aisle Half :	4.0061

S/N	: HXU 017
Date	: 03-NOV-2022
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

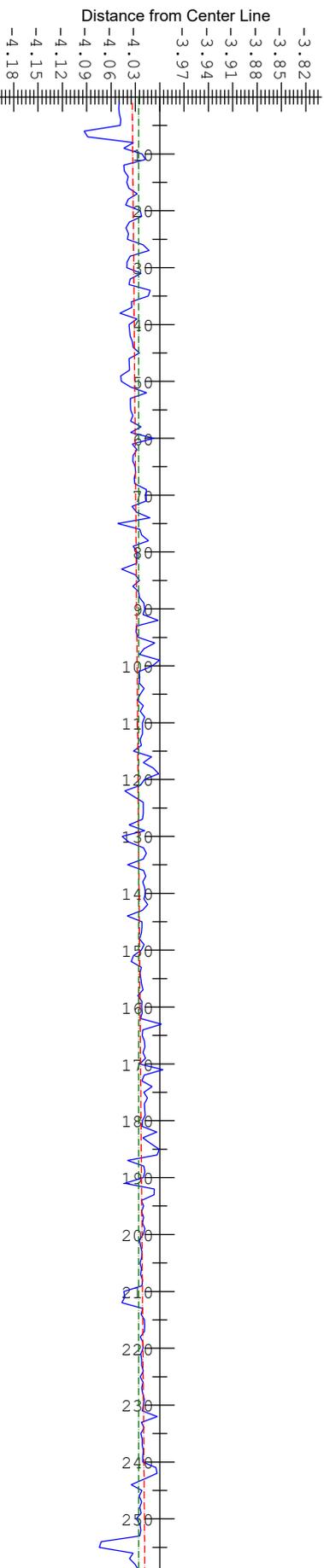


Aisle Pole Tips at Nom. Beam Height

Pole Tip Num. ----->

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

Minimum Clearance Gap = 7.939



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

	HGVPU - Pole Tip Location from Girder Centerline				S/N : HXU 017
	Nominal Gap : 8.000	US Full : 8.0000	DS Full : 7.9999	Date : 03-NOV-2022	Data Set : 0002
Nom. Taper : 0.000	US Wall Half : 4.0037	DS Wall Half : 4.0055	US Aisle Half : 4.0046	DS Aisle Half : 4.0061	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)	3.995	0.000	8.750	
US Wall Pole Tip(1)	-4.034	0.000	8.750	
US Sym. Pt.	-0.020			
US Gap				8.028
DS Aisle Pole Tip(260)	4.023	0.000	3375.750	
DS Wall Pole Tip(260)	-4.018	0.000	3375.750	
DS Sym. Pt.	0.002			
DS Gap				8.041
Taper				0.012

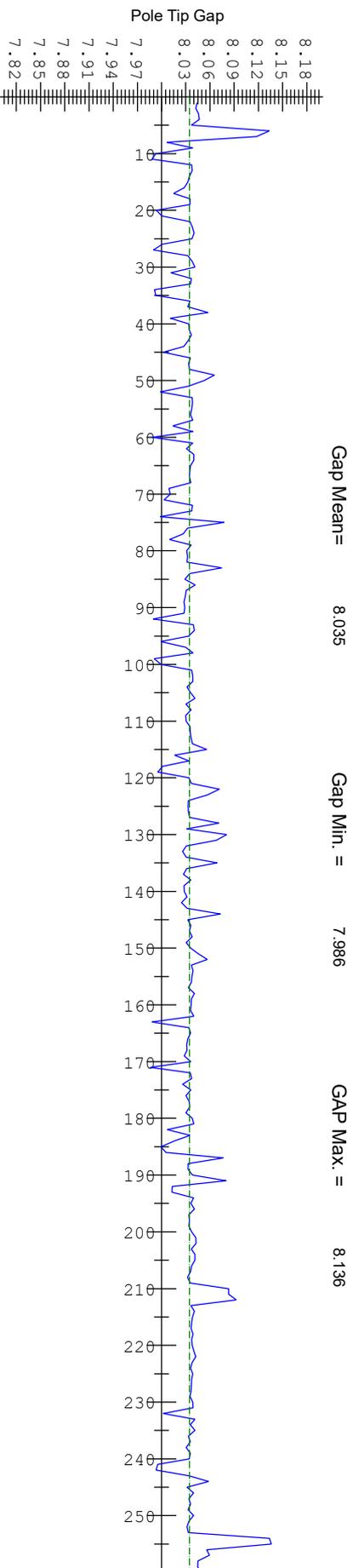
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0000	DS Full :	7.9999
Nom. Taper :	0.000	US Wall Half :	4.0037	DS Wall Half :	4.0055
		US Aisle Half :	4.0046	DS Aisle Half :	4.0061

S/N	: HXU_017
Date	: 03-NOV-2022
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

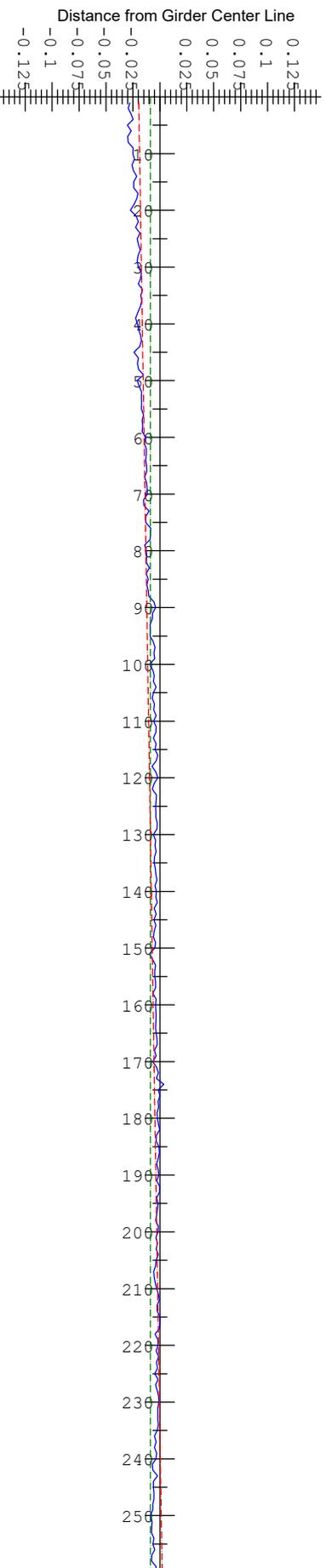


Pole Tip Gap at Nom. Beam Height

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

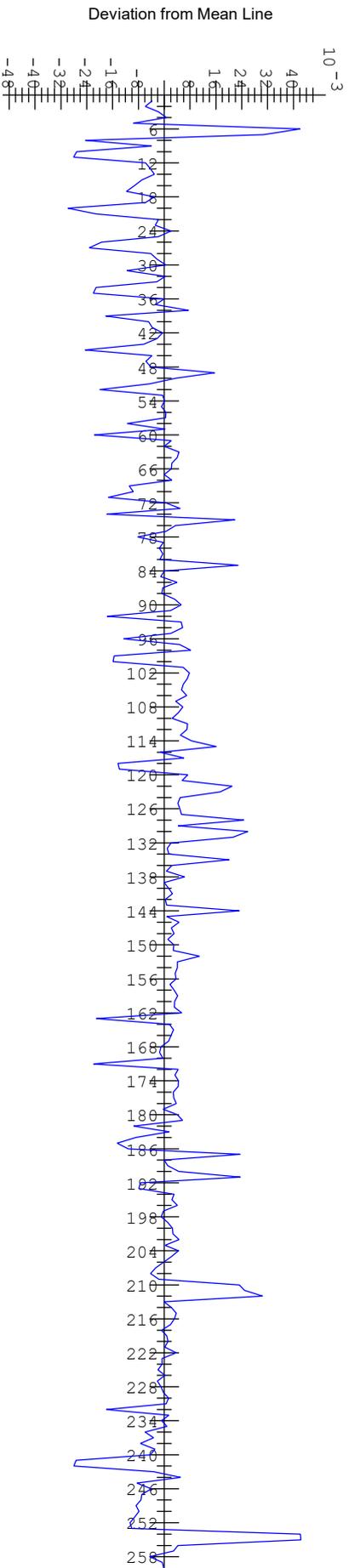
Dimensions in MM, Angles in Milliradians

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HGVPU - Pole Tip Gap and Symmetry Point Location

Nominal Gap :	8.000	US Full :	8.0000	DS Full :	7.9999
Nom. Taper :	0.000	US Wall Half :	4.0037	DS Wall Half :	4.0055
		US Aisle Half :	4.0046	DS Aisle Half :	4.0061

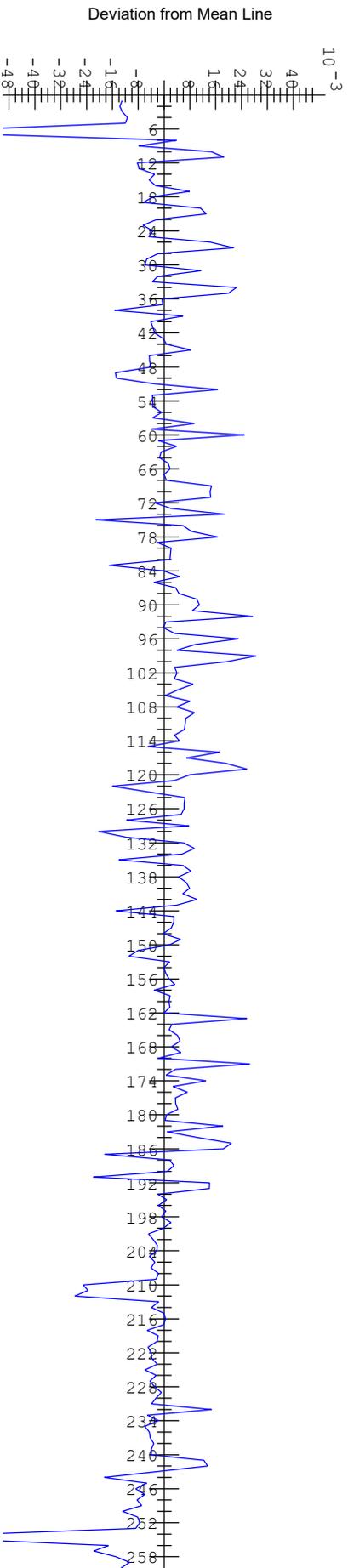
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Date	: 03-NOV-2022
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B



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 :	8.000	US Full :	8.0000	DS Full :	7.9999
Nom. Taper :	0.000	US Wall Half :	4.0037	DS Wall Half :	4.0055
		US Aisle Half :	4.0046	DS Aisle Half :	4.0061

S/N	: HXU_017
Date	: 03-NOV-2022
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B