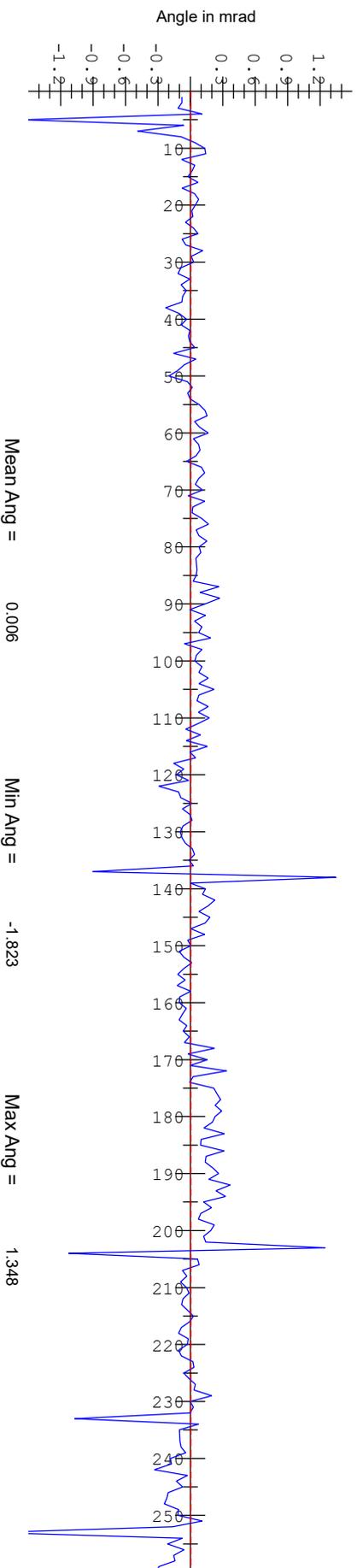


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



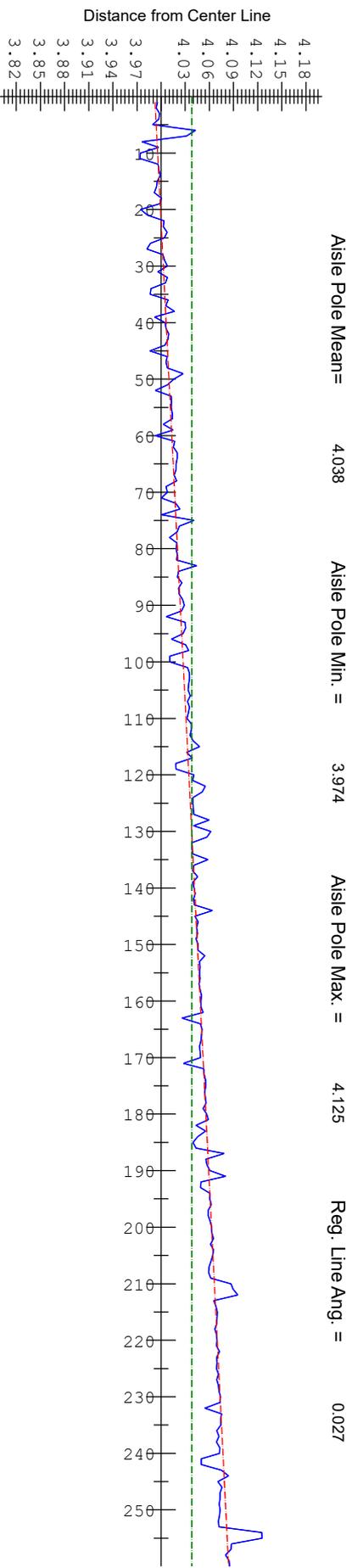
Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0000	DS Full :	8.0999
Nom. Taper :	0.100	US Wall Half :	4.0018	DS Wall Half :	4.0519
		US Aisle Half :	4.0021	DS Aisle Half :	4.0508

S/N	: HXU 017
Date	: 02-OCT-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

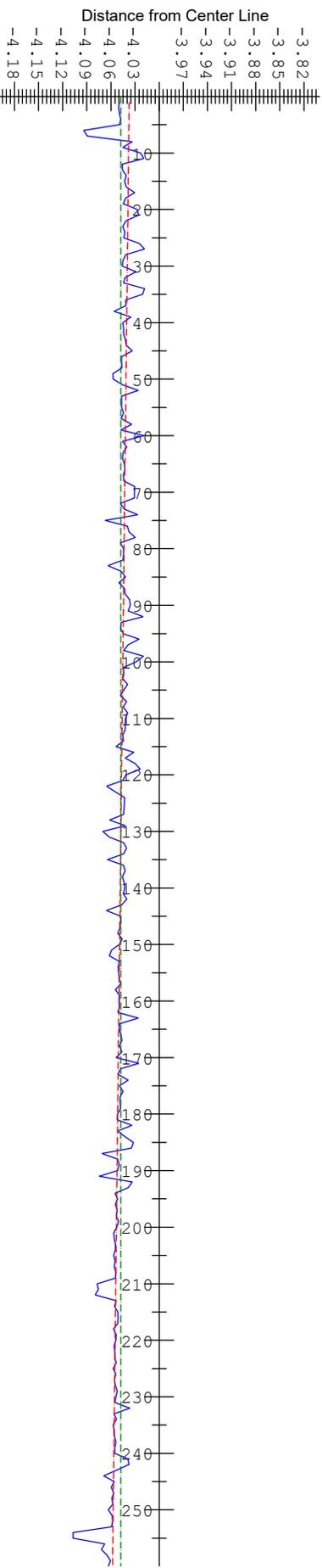


Pole Tip Num. ----->

Aisle Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 7.948



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 : 8.0000 DS Full : 8.0999

Nom. Taper : 0.100 US Wall Half : 4.0018 DS Wall Half : 4.0519

US Aisle Half : 4.0021 DS Aisle Half : 4.0508

S/N : HXU 017

Date : 02-OCT-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)	3.992	0.000	8.750	
US Wall Pole Tip(1)	-4.037	0.000	8.750	
US Sym. Pt.	-0.022			
US Gap				8.030
DS Aisle Pole Tip(260)	4.084	0.000	3375.750	
DS Wall Pole Tip(260)	-4.058	0.000	3375.750	
DS Sym. Pt.	0.013			
DS Gap				8.142
Taper				0.112

Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0000	DS Full :	8.0999
Nom. Taper :	0.100	US Wall Half :	4.0018	DS Wall Half :	4.0519
		US Aisle Half :	4.0021	DS Aisle Half :	4.0508

S/N	: HXU_017
Date	: 02-OCT-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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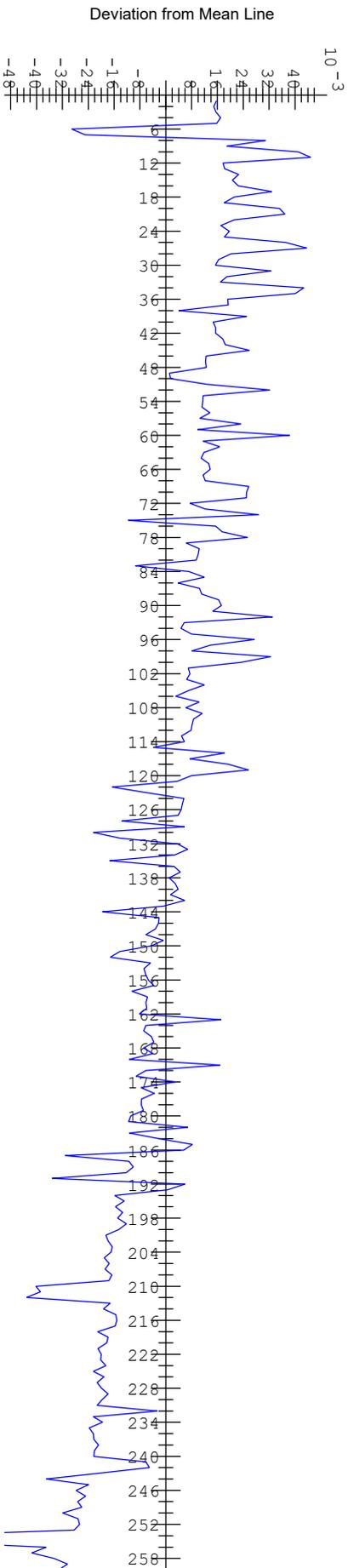
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0000 DS Full : 8.0999
 Nom. Taper : 0.100 US Wall Half : 4.0018 DS Wall Half : 4.0519
 US Aisle Half : 4.0021 DS Aisle Half : 4.0508

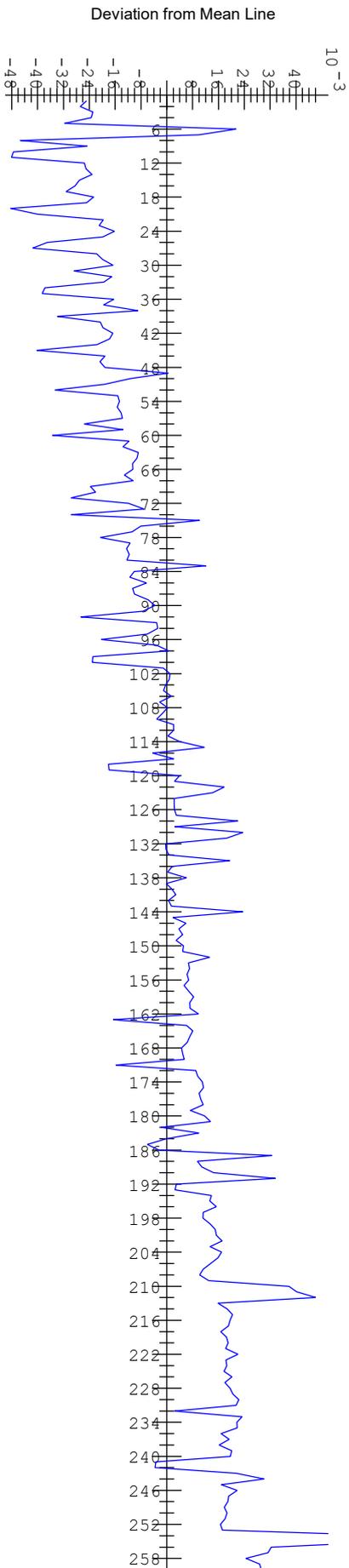
Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

Dimensions in MM

S/N : HXU_017
 Date : 02-OCT-2020
 Data Set : 0001
 Run : FINAL
 Cam Pos. : B



Wall Pole Tips



Aisle Pole Tips

Pole Tip Num. ----->