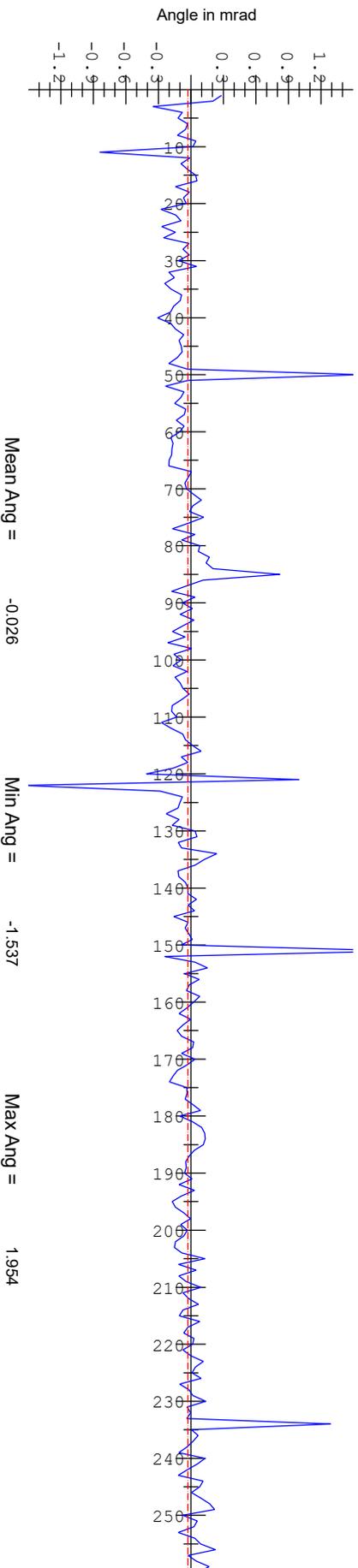


### Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

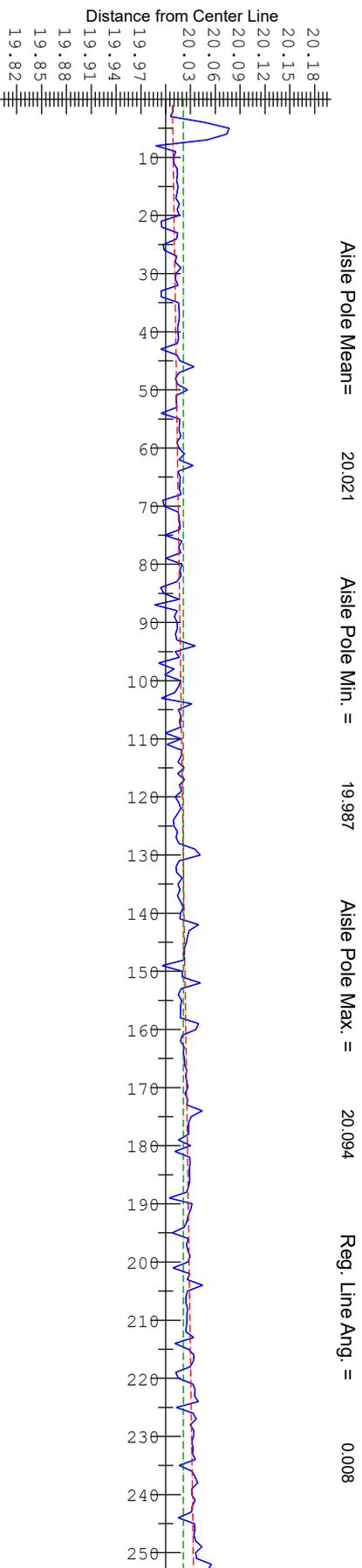


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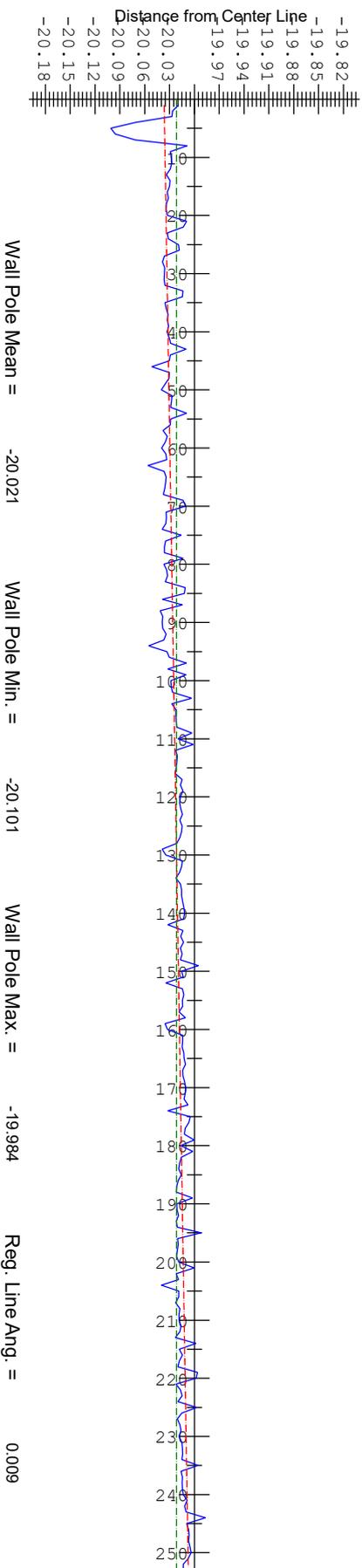
## HGVPU - Pole Tip Angles

Nominal Gap :	40.000	US Full :	40.0005	DS Full :	40.0002
Nom. Taper :	0.000	US Wall Half :	19.9921	DS Wall Half :	19.9927
		US Aisle Half :	19.9929	DS Aisle Half :	19.9931

S/N	: HXU 014
Date	: 25-AUG-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 = 39.967



**Wall Pole Tips at Nom. Beam Height**  
 Dimensions in MM, Angles in Milliradians

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**HGVPU - Pole Tip Location from Girder Centerline**

Nominal Gap :	40.000	US Full :	40.0005	DS Full :	40.0002
Nom. Taper :	0.000	US Wall Half :	19.9921	DS Wall Half :	19.9927
		US Aisle Half :	19.9929	DS Aisle Half :	19.9931

S/N	: HXU 014
Date	: 25-AUG-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)	20.008	0.000	8.750	
US Wall Pole Tip(1)	-20.036	0.000	8.750	
US Sym. Pt.	-0.014			
US Gap				40.045
DS Aisle Pole Tip(260)	20.034	0.000	3375.750	
DS Wall Pole Tip(260)	-20.007	0.000	3375.750	
DS Sym. Pt.	0.014			
DS Gap				40.041
Taper				-0.004

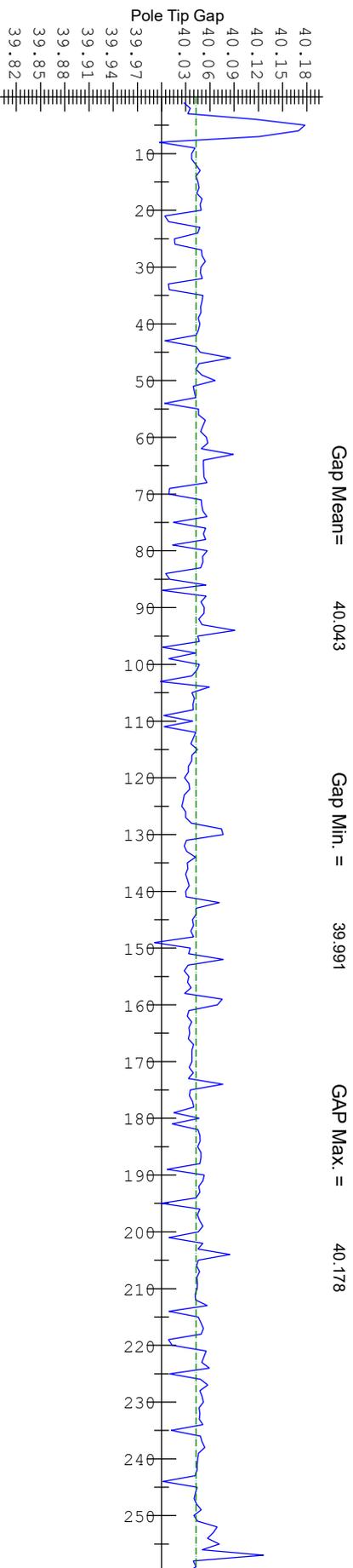
Dimensions in MM



**HGVPU - Gap Calc. from Regression Line End Points**

Nominal Gap :	40.000	US Full :	40.0005	DS Full :	40.0002
Norm. Taper :	0.000	US Wall Half :	19.9921	DS Wall Half :	19.9927
		US Aisle Half :	19.9929	DS Aisle Half :	19.9931

S/N	: HXU_014
Date	: 25-AUG-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

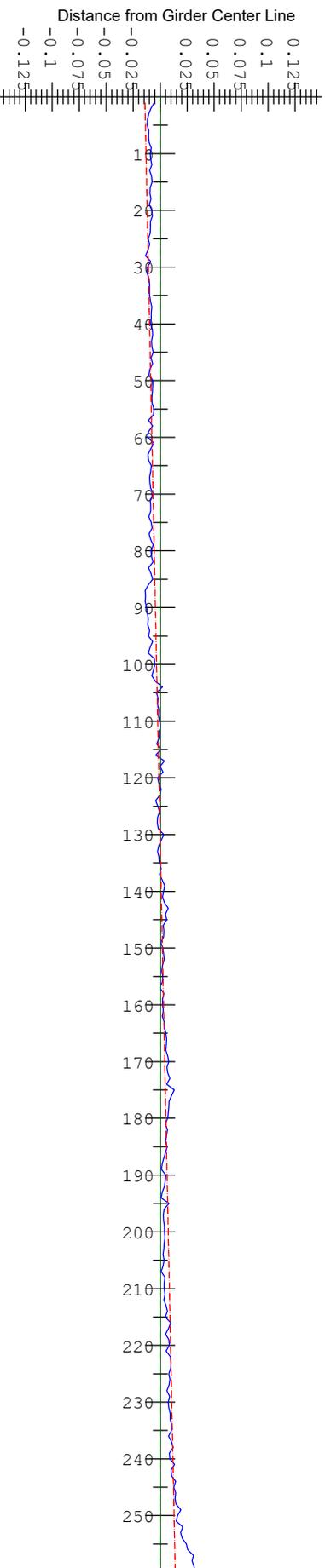


### Pole Tip Gap at Nom. Beam Height

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 : 40.000      US Full : 40.0005      DS Full : 40.0002

Nom. Taper : 0.000      US Wall Half : 19.9921      DS Wall Half : 19.9927

US Aisle Half : 19.9929      DS Aisle Half : 19.9931

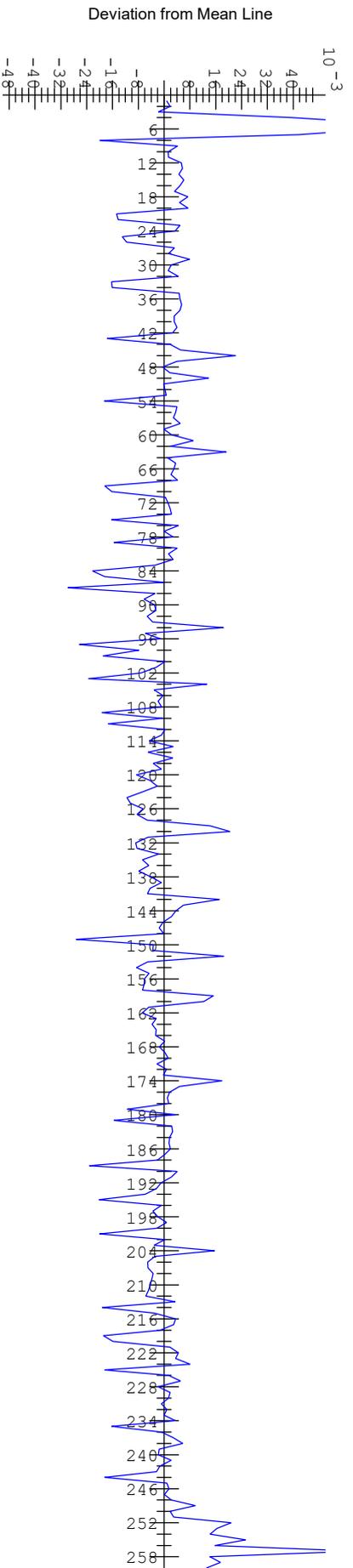
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Date : 25-AUG-2020

Data Set : 0001

Run : FINAL

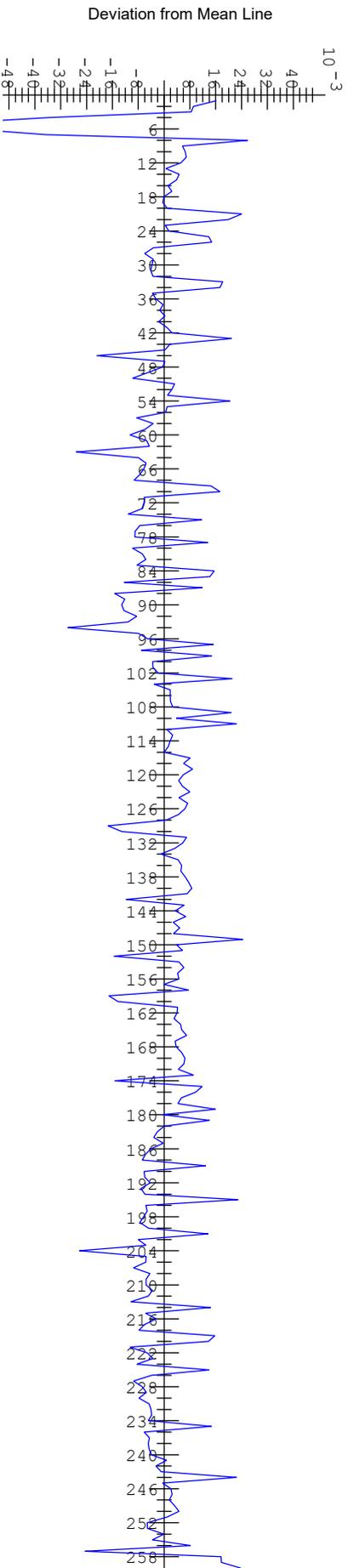
Cam Pos. : B



### 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 :	40.000	US Full :	40.0005	DS Full :	40.0002
Nom. Taper :	0.000	US Wall Half :	19.9921	DS Wall Half :	19.9927
		US Aisle Half :	19.9929	DS Aisle Half :	19.9931

S/N	: HXU_014
Date	: 25-AUG-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B