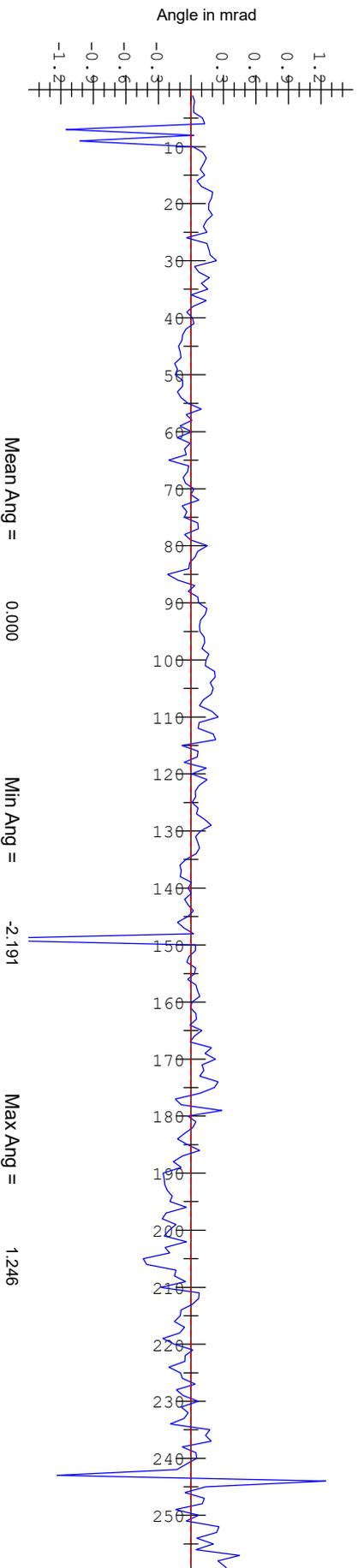


### Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

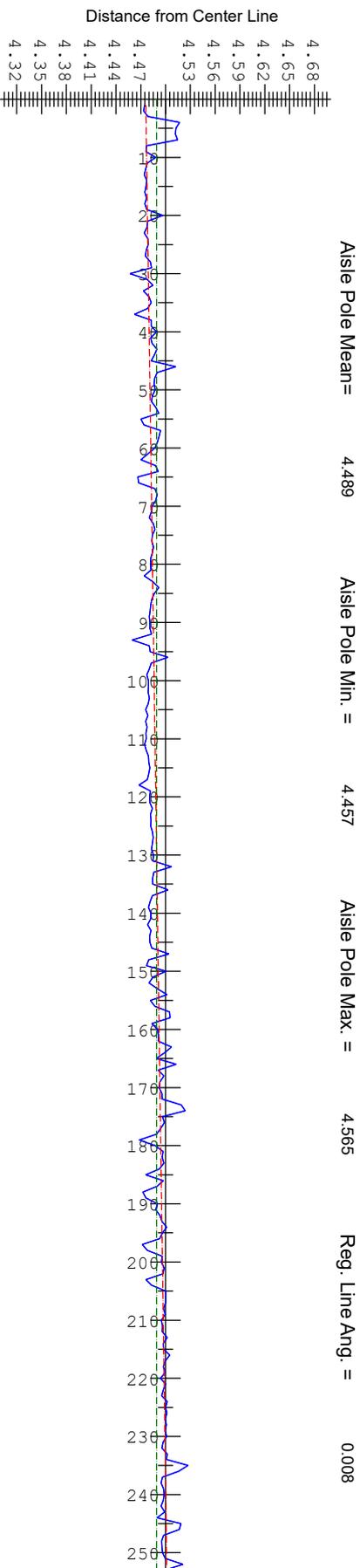


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## HGVPU - Pole Tip Angles

Nominal Gap :	9.000	US Full :	8.9993	DS Full :	9.0001
Nom. Taper :	0.000	US Wall Half :	4.4999	DS Wall Half :	4.5001
		US Aisle Half :	4.5003	DS Aisle Half :	4.4999

S/N	: HXU 013
Date	: 29-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



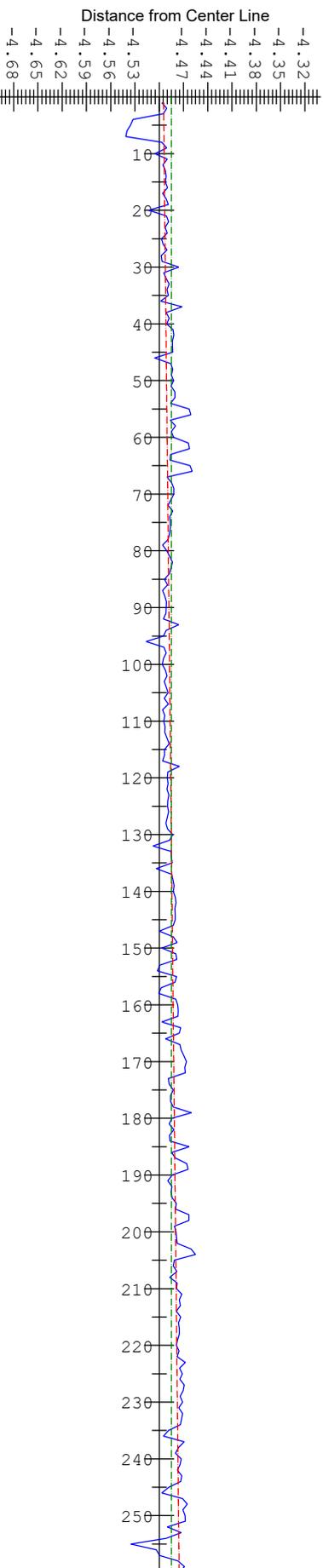
Pole Tip Num. ----->

### Aisle Pole Tips at Nom. Beam Height

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

### Wall Pole Tips at Nom. Beam Height

Minimum Clearance Gap = 8.911



### 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 : 9.000      US Full : 8.9993      DS Full : 9.0001  
 US Wall Half : 4.4999      DS Wall Half : 4.5001  
 Nom. Taper : 0.000      US Aisle Half : 4.5003      DS Aisle Half : 4.4999

S/N : HXU\_013  
 Date : 29-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)	4.476	0.000	8.750	
US Wall Pole Tip(1)	-4.495	0.000	8.750	
US Sym. Pt.	-0.009			
US Gap				8.971
DS Aisle Pole Tip(260)	4.502	0.000	3375.750	
DS Wall Pole Tip(260)	-4.475	0.000	3375.750	
DS Sym. Pt.	0.013			
DS Gap				8.978
Taper				0.007

Dimensions in MM

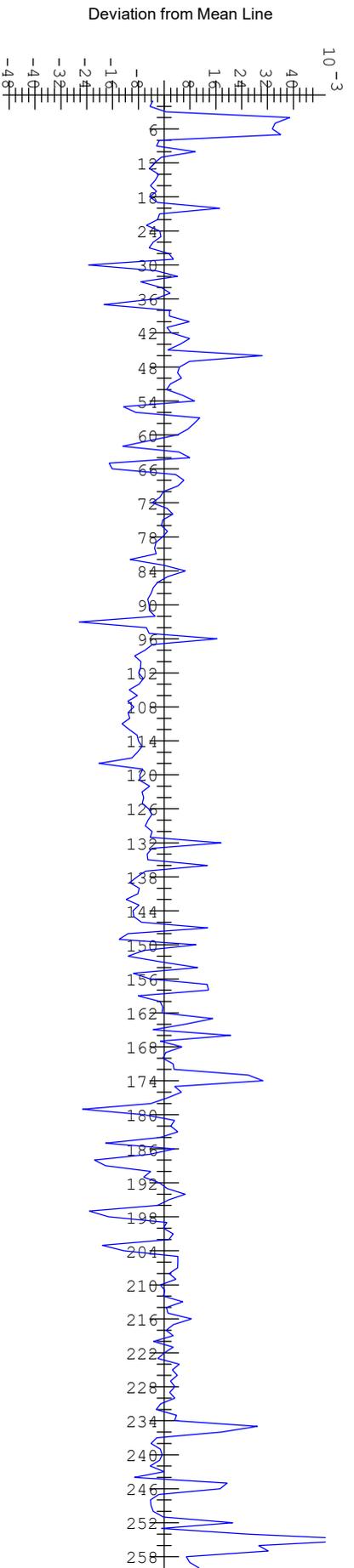


**HGVPU - Gap Calc. from Regression Line End Points**

Nominal Gap :	9.000	US Full :	8.9993	DS Full :	9.0001
US Wall Half :	4.4999	DS Wall Half :	4.5001		
US Aisle Half :	4.5003	DS Aisle Half :	4.4999		
Nom. Taper :	0.000				

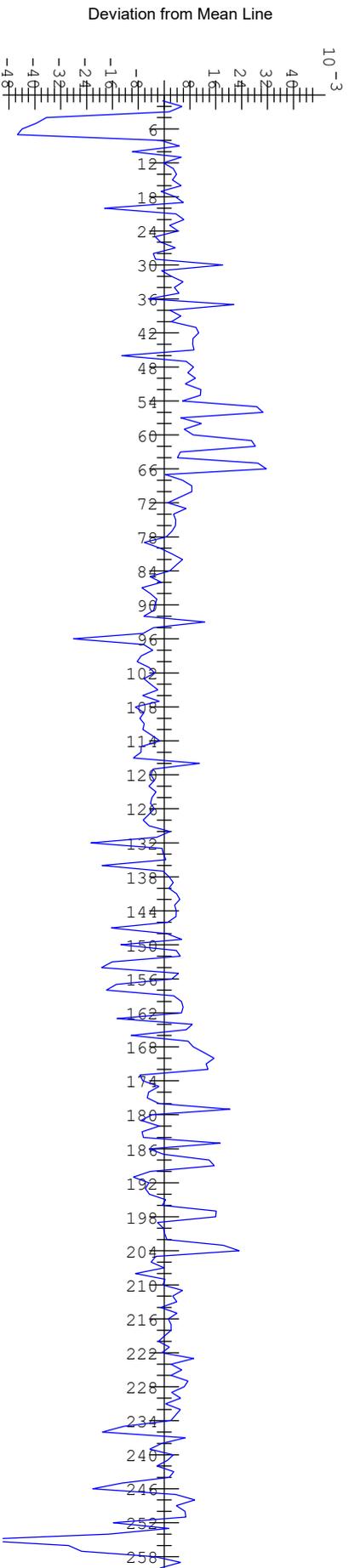
S/N	: HXU_013
Date	: 29-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B





### Aisle Pole Tips

### Wall Pole Tips



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

Dimensions in MM



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# HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 9.000      US Full : 8.9993      DS Full : 9.0001

Nom. Taper : 0.000      US Wall Half : 4.4999      DS Wall Half : 4.5001

US Aisle Half : 4.5003      DS Aisle Half : 4.4999

S/N : HXU\_013

Date : 29-JUL-2020

Data Set : 0001

Run : FINAL

Cam Pos. : B