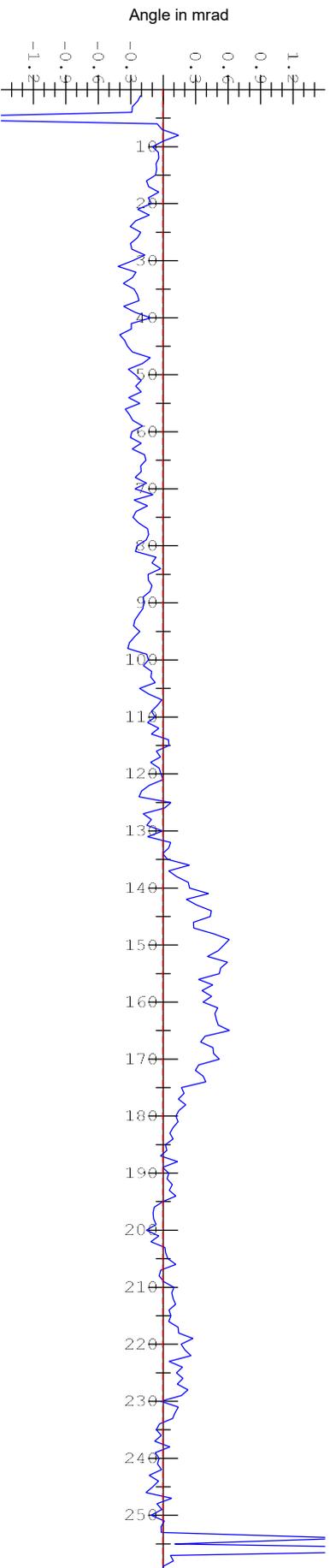


### Included Angle Between Pole Tips

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 Wall Half :** 9.9919      **DS Full :** 20.0003

**Nom. Taper :** 0.000      **US Aisle Half :** 9.9921      **DS Wall Half :** 9.9920

**DS Aisle Half :** 9.9912

**S/N :** HXU 031

**Date :** 05-MAR-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)	10.002	0.000	8.750	
US Wall Pole Tip(1)	-10.038	0.000	8.750	
US Sym. Pt.	-0.018			
US Gap				20.040
DS Aisle Pole Tip(260)	10.030	0.000	3375.750	
DS Wall Pole Tip(260)	-10.015	0.000	3375.750	
DS Sym. Pt.	0.008			
DS Gap				20.045
Taper				0.006

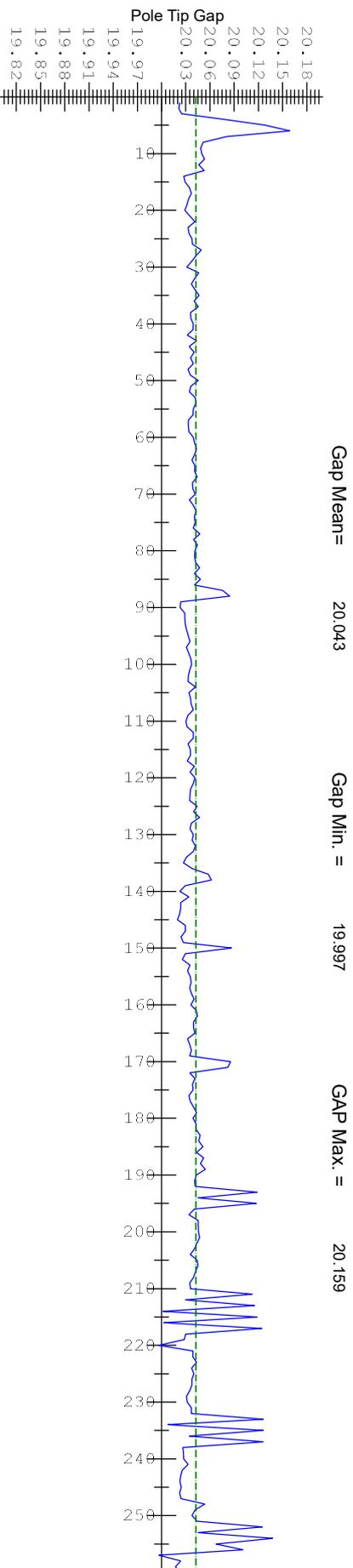
Dimensions in MM



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

Nominal Gap :	20.000	US Full :	20.0001	DS Full :	20.0003
US Wall Half :	9.9919	DS Wall Half :	9.9920	US Aisle Half :	9.9921
DS Aisle Half :	9.9921	DS Aisle Half :	9.9912		

S/N	: HXU_031
Date	: 05-MAR-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

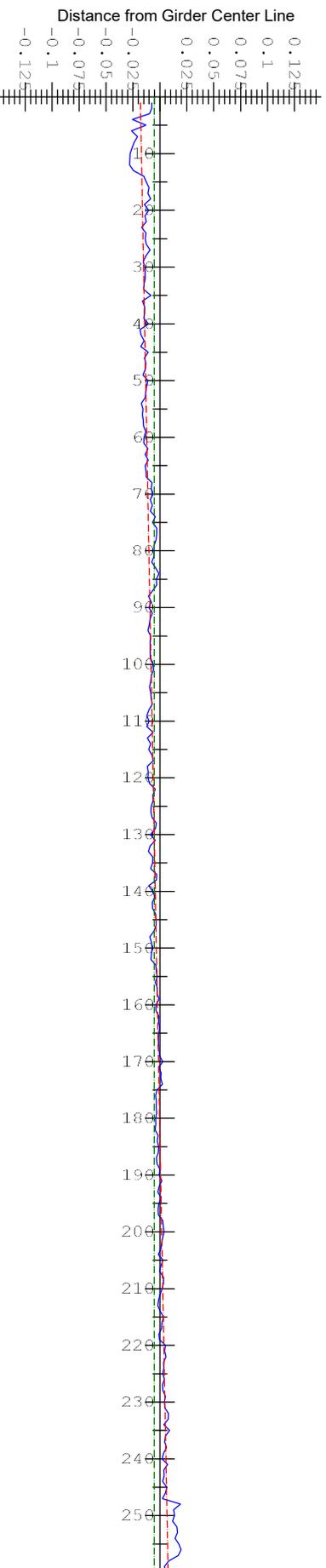


### Pole Tip Gap at Nom. Beam Height

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 : 20.000      US Full : 20.0001      DS Full : 20.0003

Nom. Taper : 0.000      US Wall Half : 9.9919      DS Wall Half : 9.9920

US Aisle Half : 9.9921      DS Aisle Half : 9.9912

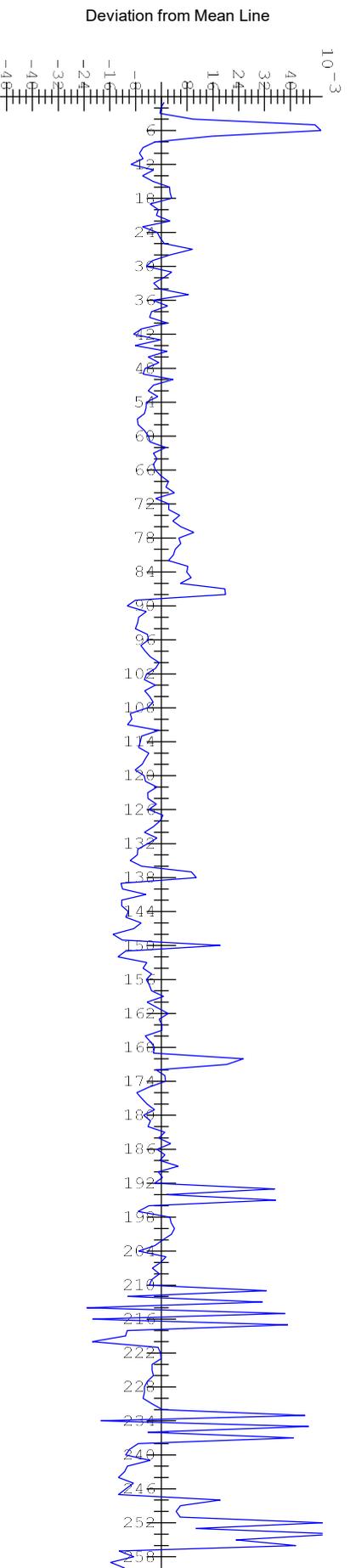
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Date : 05-MAR-2020

Data Set : 0001

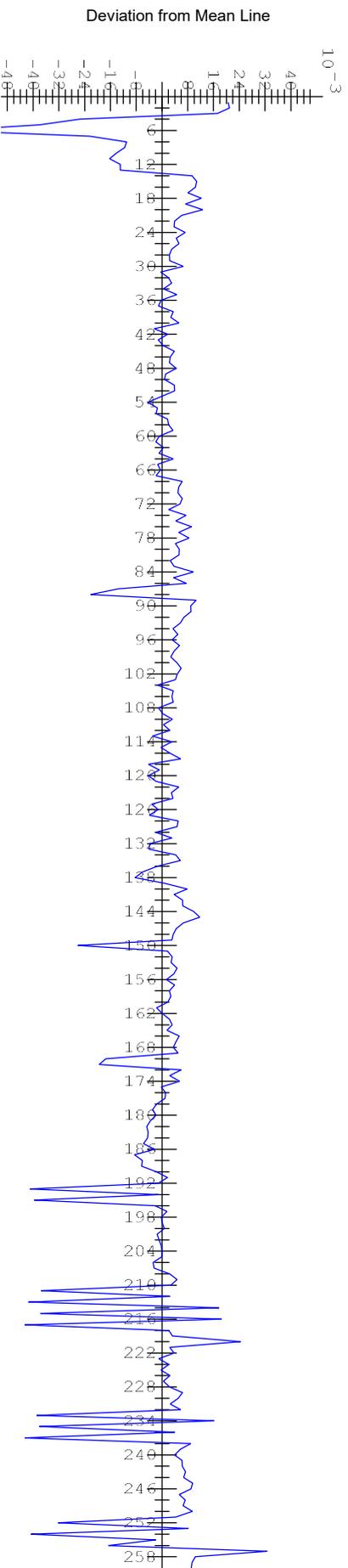
Run : FINAL

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 :	20.0001	DS Full :	20.0003
Nom. Taper :	0.000	US Wall Half :	9.9919	DS Wall Half :	9.9920
		US Aisle Half :	9.9921	DS Aisle Half :	9.9912

S/N	: HXU_031
Date	: 05-MAR-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B