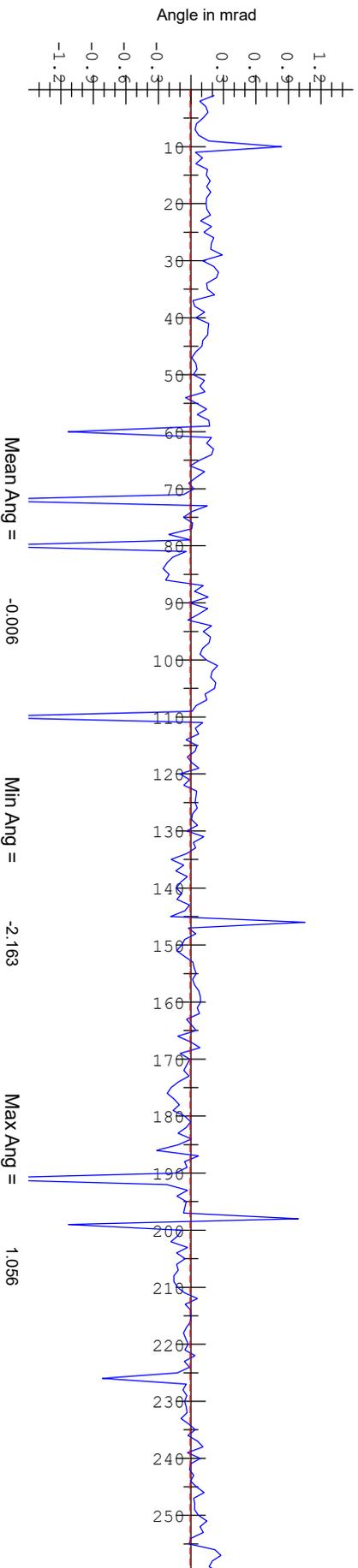


Included Angle Between Pole Tips

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 :** 40.0003 **DS Full :** 40.0003

Nom. Taper : 0.000 **US Wall Half :** 19.9911 **DS Wall Half :** 19.9905

US Aisle Half : 19.9913 **DS Aisle Half :** 19.9906

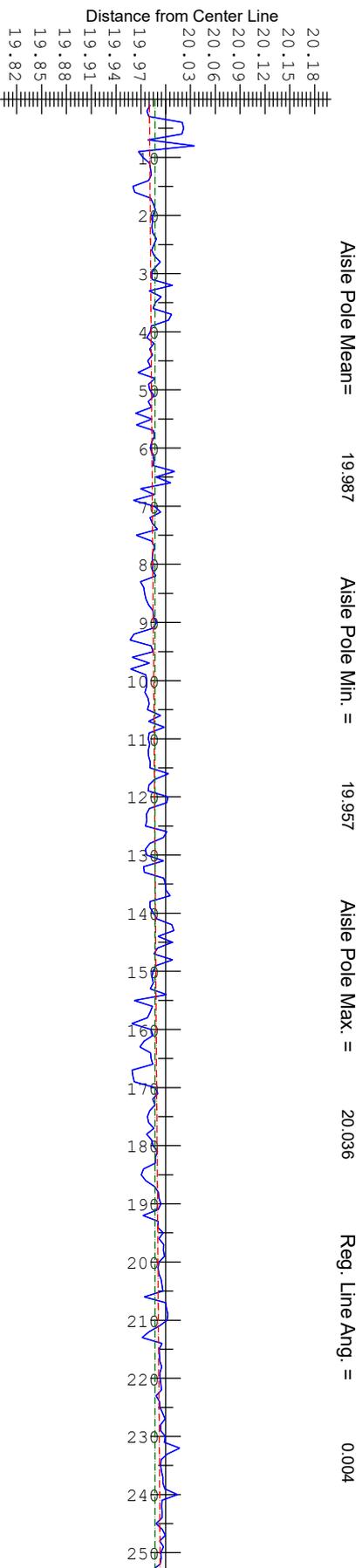
S/N : HXU 016

Date : 10-SEP-2020

Data Set : 0001

Run : FINAL

Cam Pos. : B



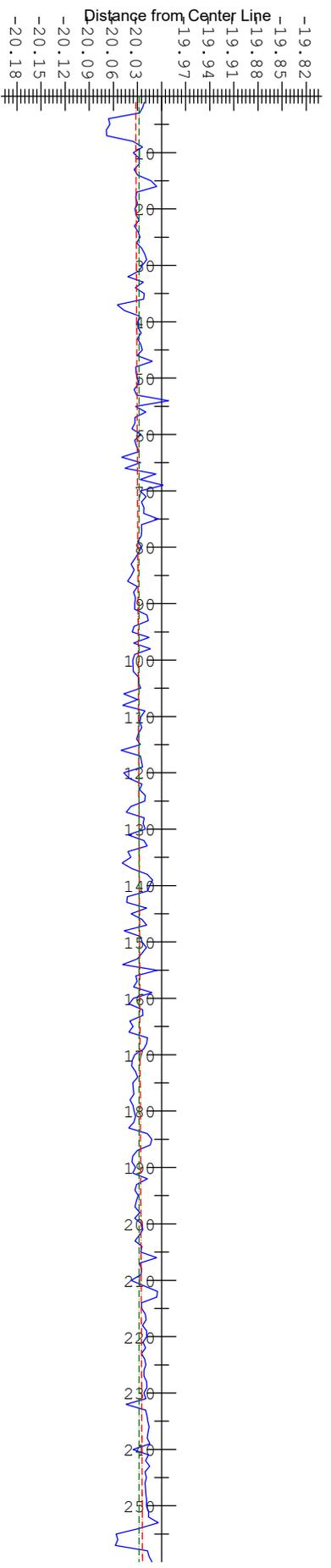
Aisle Pole Tips at Nom. Beam Height

Pole Tip Num. ----->

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

Wall Pole Tips at Nom. Beam Height

Minimum Clearance Gap = 39.914



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Location from Girder Centerline

Nominal Gap :	40.000	US Full :	40.0003	DS Full :	40.0003
Nom. Taper :	0.000	US Wall Half :	19.9911	DS Wall Half :	19.9905
		US Aisle Half :	19.9913	DS Aisle Half :	19.9906

S/N	: HXU 016
Date	: 10-SEP-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)	19.980	0.000	8.750	
US Wall Pole Tip(1)	-20.032	0.000	8.750	
US Sym. Pt.	-0.026			
US Gap				40.013
DS Aisle Pole Tip(260)	19.994	0.000	3375.750	
DS Wall Pole Tip(260)	-20.024	0.000	3375.750	
DS Sym. Pt.	-0.015			
DS Gap				40.017
Taper				0.005

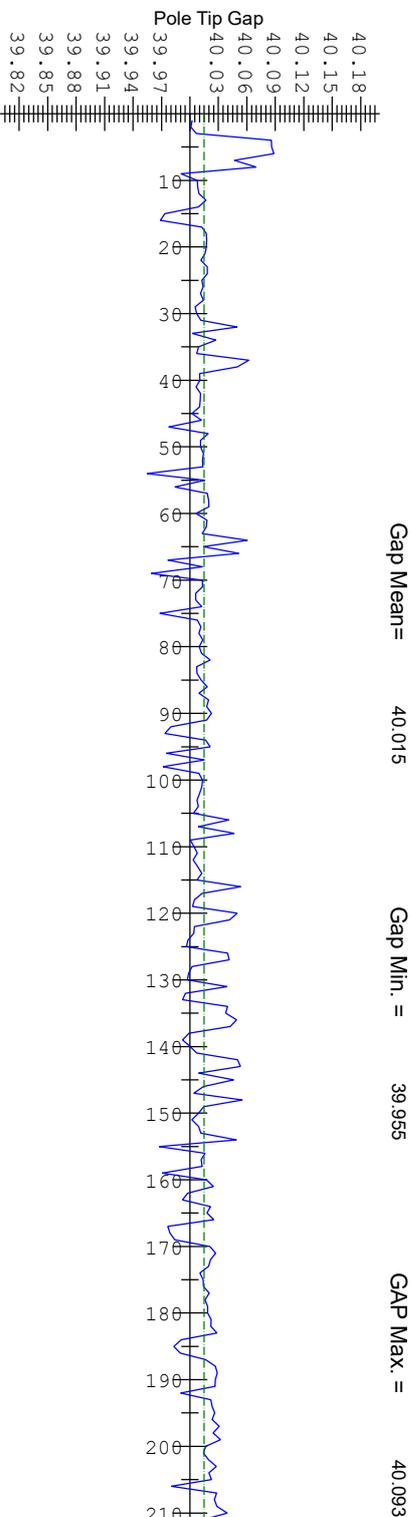
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	40.000	US Full :	40.0003	DS Full :	40.0003
Norm. Taper :	0.000	US Wall Half :	19.9911	DS Wall Half :	19.9905
		US Aisle Half :	19.9913	DS Aisle Half :	19.9906

S/N	: HXU_016
Date	: 10-SEP-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

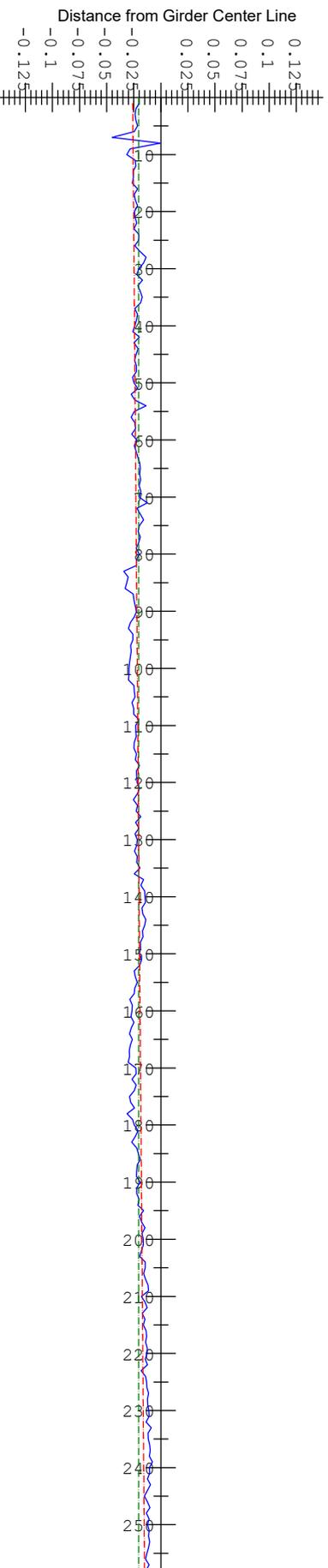


Pole Tip Gap at Nom. Beam Height

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 : 40.0003 DS Full : 40.0003

Nom. Taper : 0.000 US Wall Half : 19.9911 DS Wall Half : 19.9905

US Aisle Half : 19.9913 DS Aisle Half : 19.9906

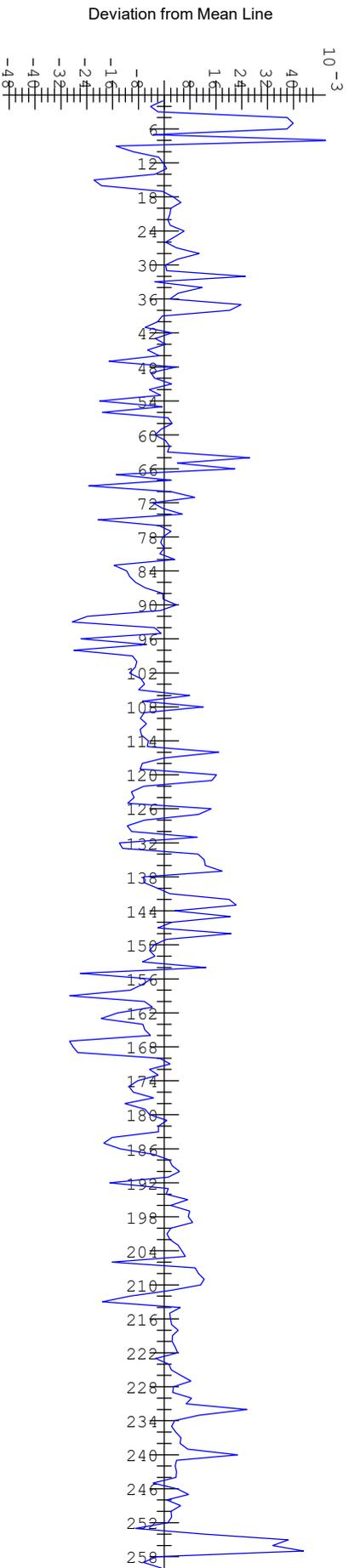
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Date : **10-SEP-2020**

Data Set : **0001**

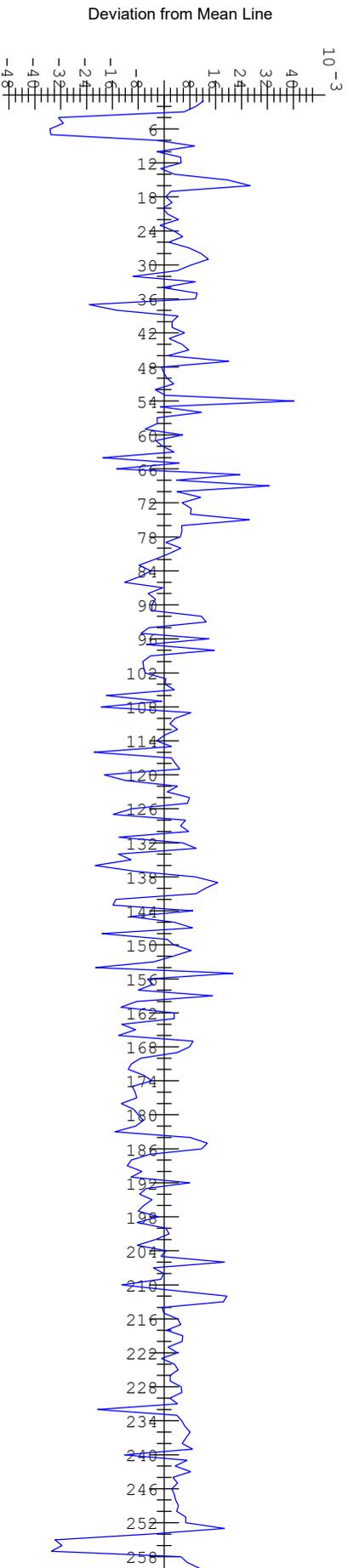
Run : **FINAL**

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



HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap :	40.000	US Full :	40.0003	DS Full :	40.0003
Nom. Taper :	0.000	US Wall Half :	19.9911	DS Wall Half :	19.9905
		US Aisle Half :	19.9913	DS Aisle Half :	19.9906

S/N	: HXU 016
Date	: 10-SEP-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B