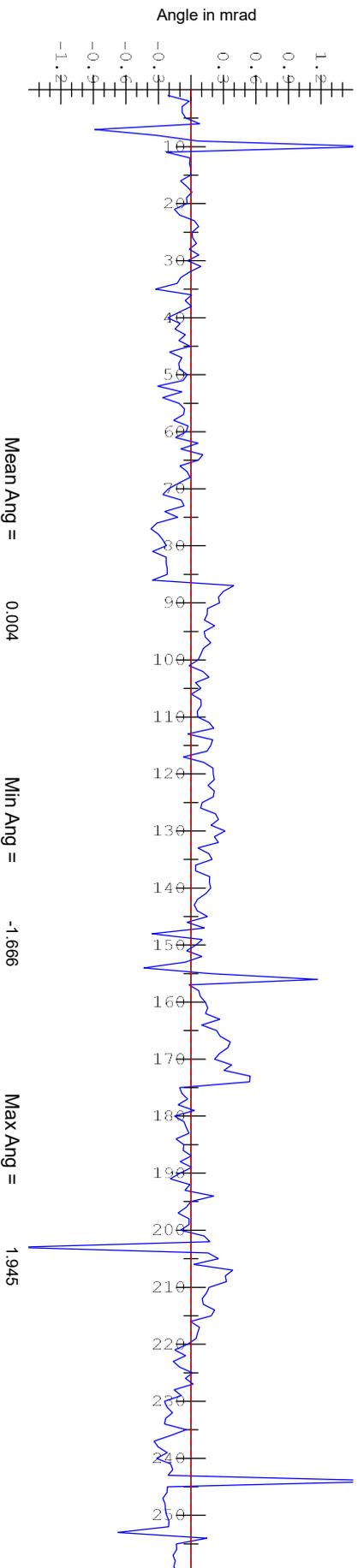


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

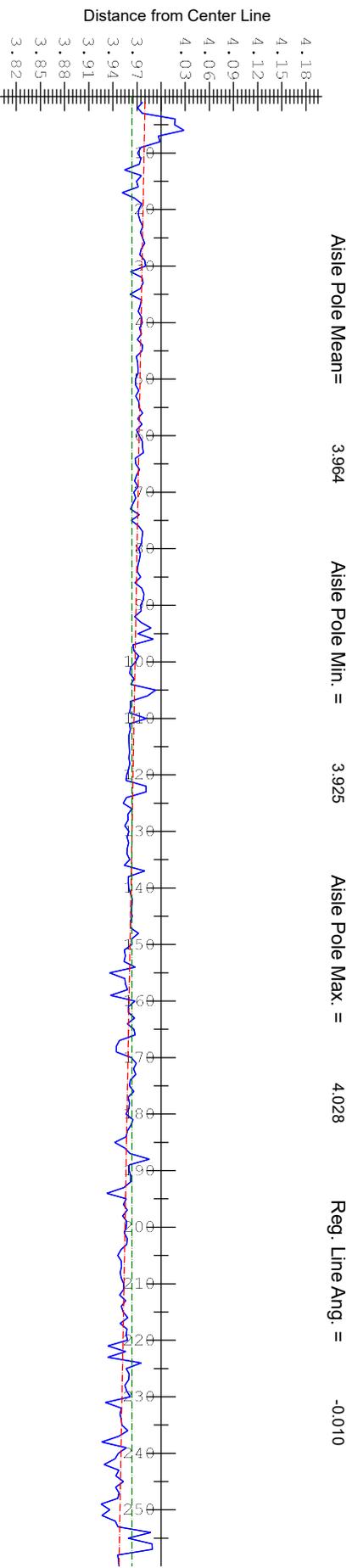


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HGVPU - Pole Tip Angles

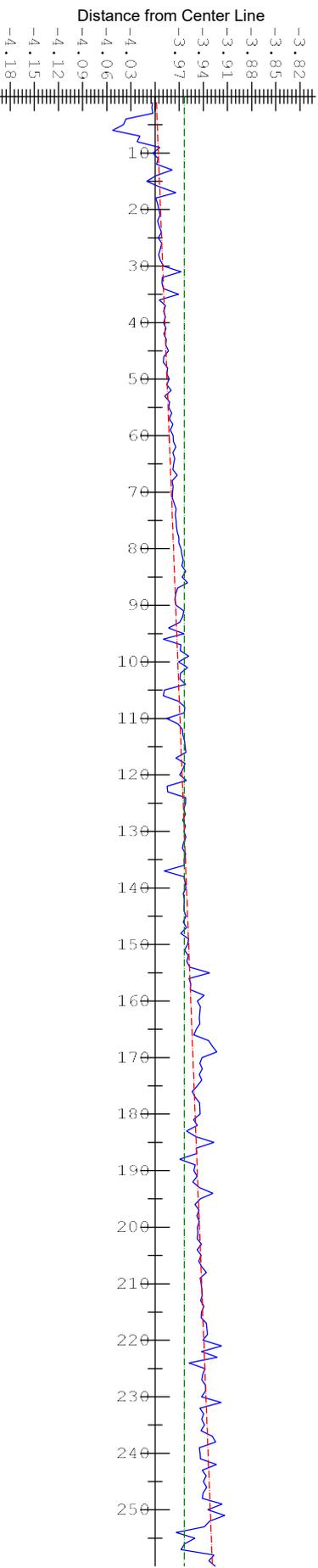
Nominal Gap :	8.000	US Full :	7.9996	DS Full :	7.8999
Nom. Taper :	-0.100	US Wall Half :	3.9987	DS Wall Half :	3.9490
		US Aisle Half :	4.0011	DS Aisle Half :	3.9499

S/N	: HXU 033
Date	: 20-JUL-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 = 7.827



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 :	7.9996	DS Full :	7.8999
Nom. Taper :	-0.100	US Wall Half :	3.9987	DS Wall Half :	3.9490
		US Aisle Half :	4.0011	DS Aisle Half :	3.9499

S/N	: HXU_033
Date	: 20-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)	3.980	0.000	8.750	
US Wall Pole Tip(1)	-3.998	0.000	8.750	
US Sym. Pt.	-0.009			
US Gap				7.978
DS Aisle Pole Tip(260)	3.948	0.000	3375.750	
DS Wall Pole Tip(260)	-3.929	0.000	3375.750	
DS Sym. Pt.	0.009			
DS Gap				7.876
Taper				-0.102

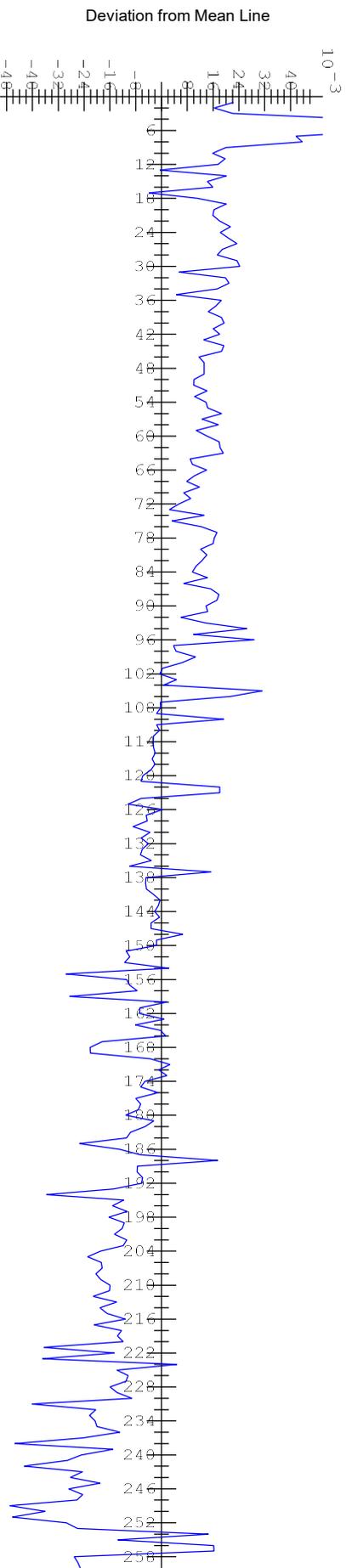
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	7.9996	DS Full :	7.8999
Nom. Taper :	-0.100	US Wall Half :	3.9987	DS Wall Half :	3.9490
		US Aisle Half :	4.0011	DS Aisle Half :	3.9499

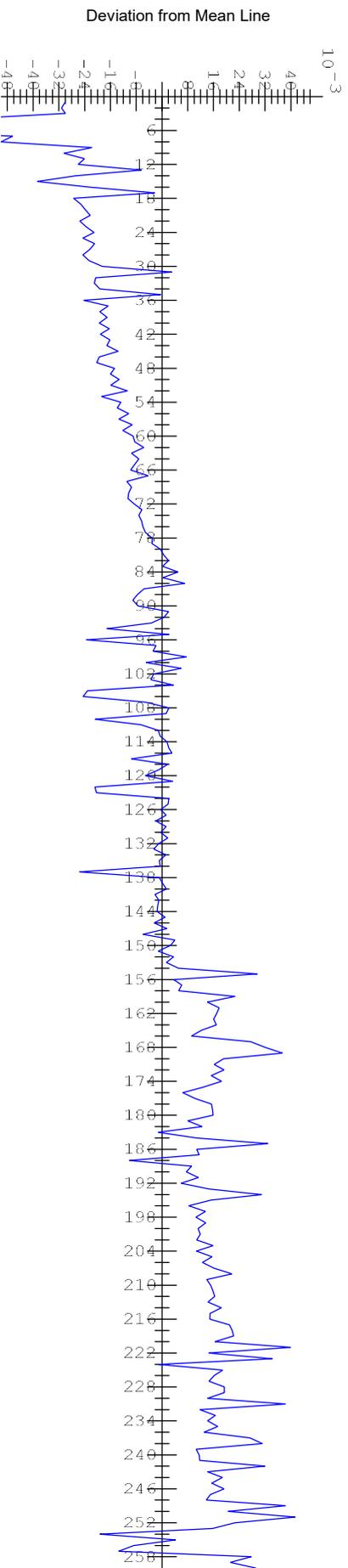
S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B



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 :	8.000	US Full :	7.9996	DS Full :	7.8999
Nom. Taper :	-0.100	US Wall Half :	3.9987	DS Wall Half :	3.9490
		US Aisle Half :	4.0011	DS Aisle Half :	3.9499

S/N	: HXU_033
Date	: 20-JUL-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B