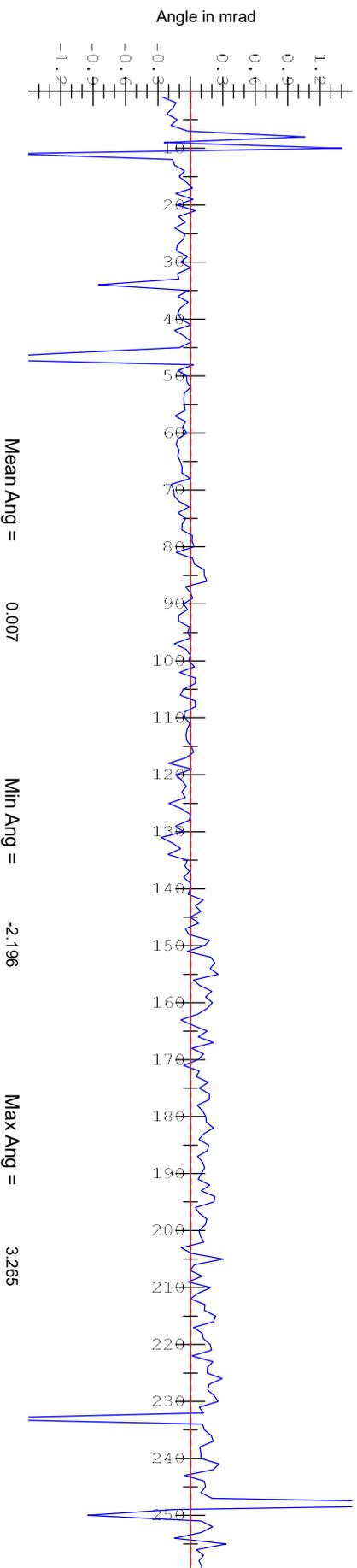


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



Dimensions in MM, Angles in Milliradians

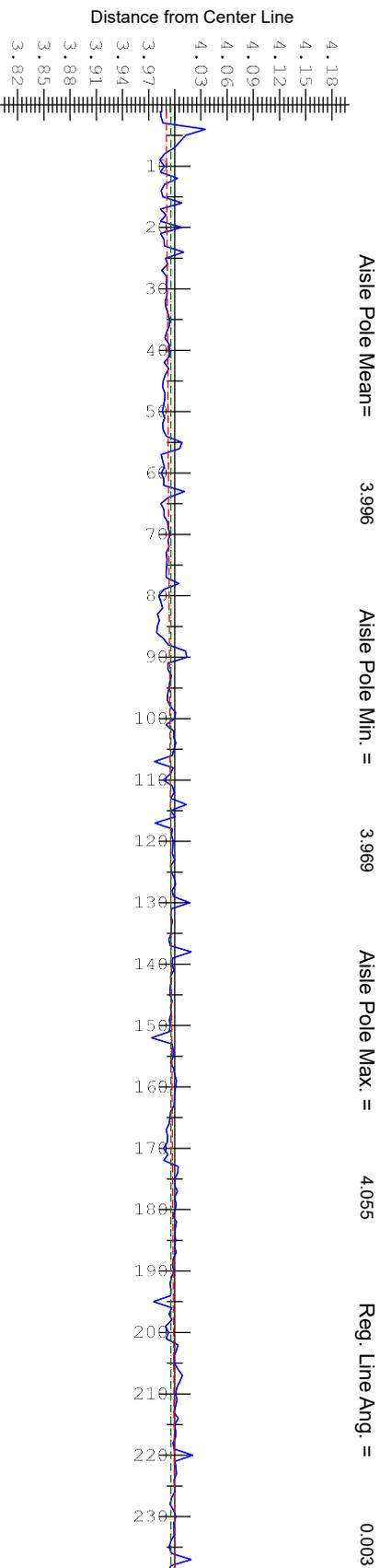


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METROLOGY

HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	7.9997	DS Full :	8.0001
Nom. Taper :	0.000	US Wall Half :	4.0022	DS Wall Half :	4.0019
		US Aisle Half :	4.0023	DS Aisle Half :	4.0017

S/N	: HXU 012
Date	: 11-MAR-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B

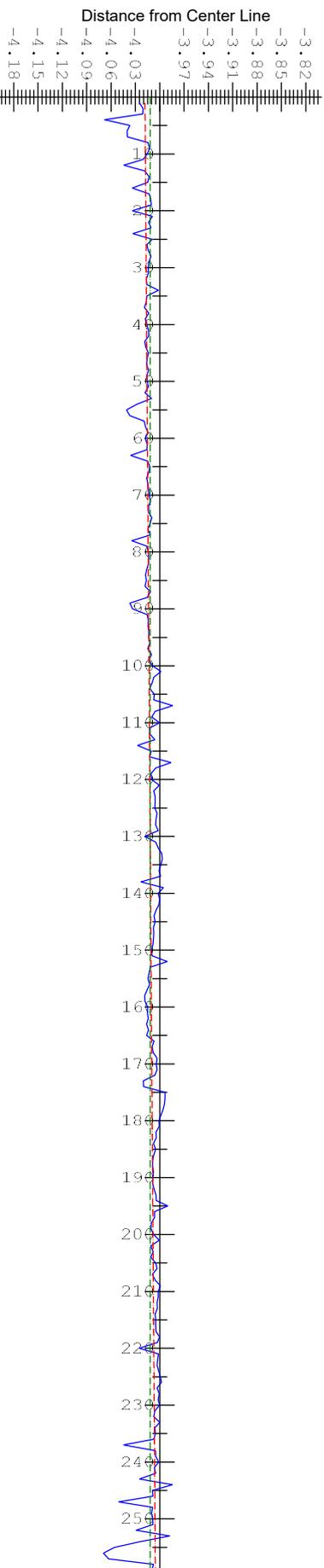


Aisle Pole Tips at Nom. Beam Height

Pole Tip Num. ----->

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

Minimum Clearance Gap = 7.937



Girder centerline in reference to Pointed Magnets

Dimensions in MM, Angles in Milliradians

	HGVPU - Pole Tip Location from Girder Centerline				
	Nominal Gap :	8.000	US Wall Half :	4.0022	
Nom. Taper :	0.000	US Aisle Half :	4.0023	DS Aisle Half :	4.0017
US Full :	7.9997	DS Full :	8.0001	DS Wall Half :	4.0019
S/N	: HXU 012				
Date	: 11-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)	3.990	0.000	8.750	
US Wall Pole Tip(1)	-4.018	0.000	8.750	
US Sym. Pt.	-0.014			
US Gap				8.008
DS Aisle Pole Tip(260)	4.001	0.000	3375.750	
DS Wall Pole Tip(260)	-4.005	0.000	3375.750	
DS Sym. Pt.	-0.002			
DS Gap				8.006
Taper				-0.002

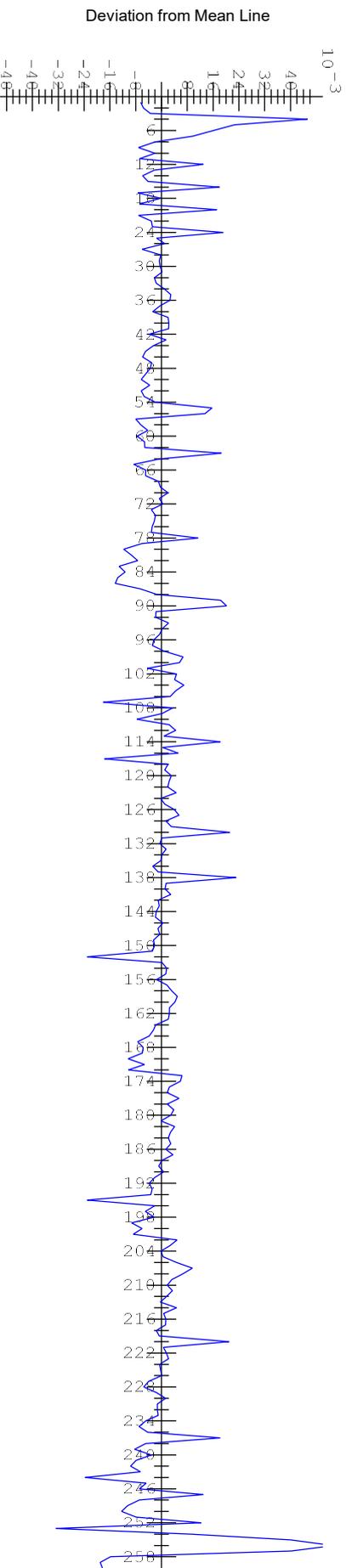
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

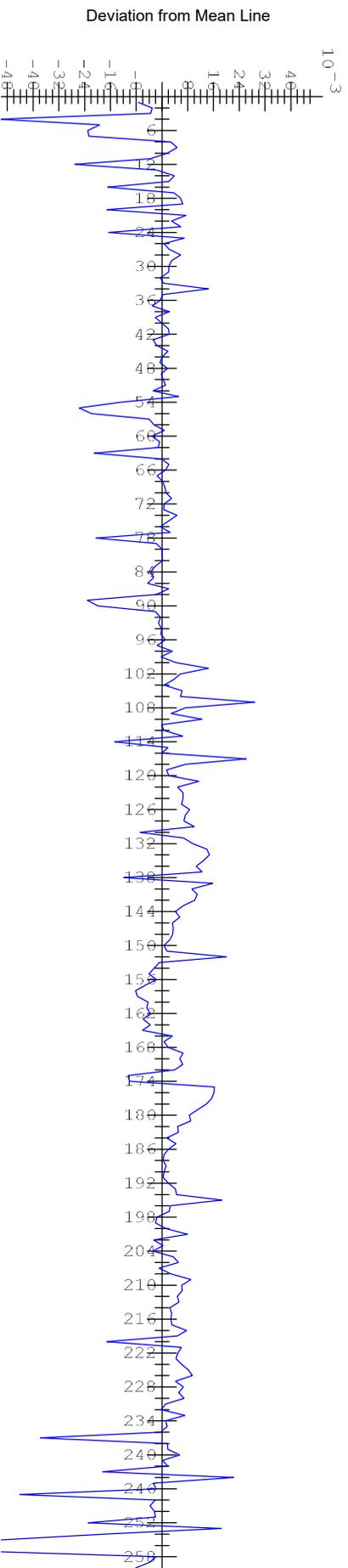
Nominal Gap :	8.000	US Full :	7.9997	DS Full :	8.0001
US Wall Half :	4.0022	DS Wall Half :	4.0019		
US Aisle Half :	4.0023	DS Aisle Half :	4.0017		
Nom. Taper :	0.000				

S/N	: HXU_012
Date	: 11-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 :	8.000	US Full :	7.9997	DS Full :	8.0001
Nom. Taper :	0.000	US Wall Half :	4.0022	DS Wall Half :	4.0019
		US Aisle Half :	4.0023	DS Aisle Half :	4.0017

S/N	: HXU 012
Date	: 11-MAR-2020
Data Set	: 0001
Run	: FINAL
Cam Pos.	: B