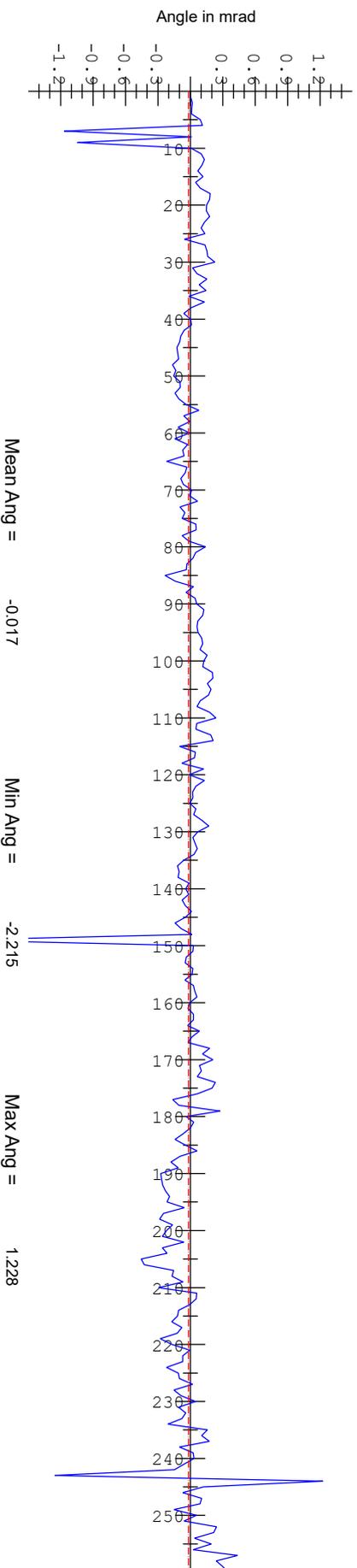


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



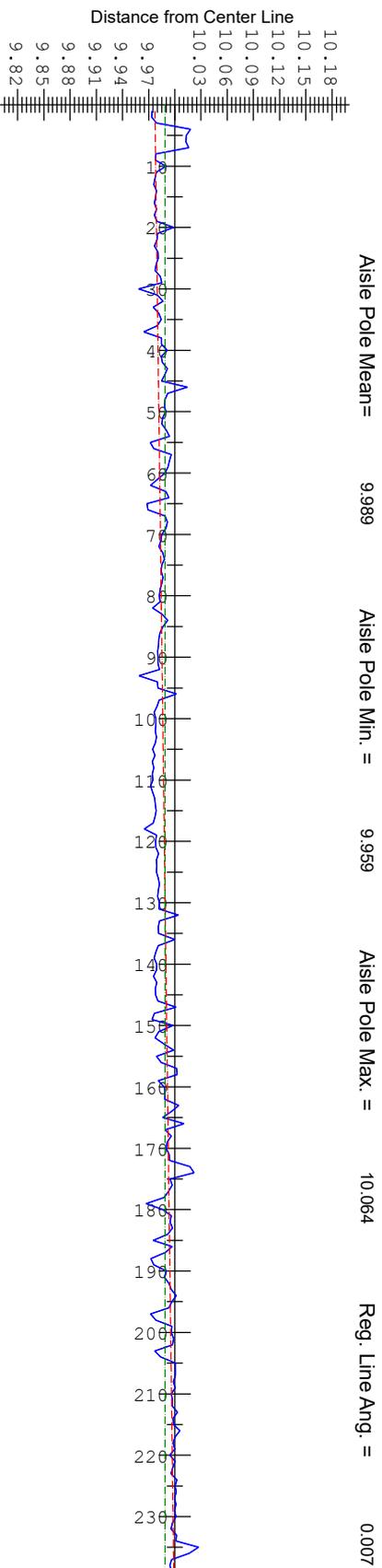
Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Angles

Nominal Gap :	20.000	US Full :	20.0003	DS Full :	20.0000
Nom. Taper :	0.000	US Wall Half :	9.9934	DS Wall Half :	9.9935
		US Aisle Half :	9.9945	DS Aisle Half :	9.9936

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

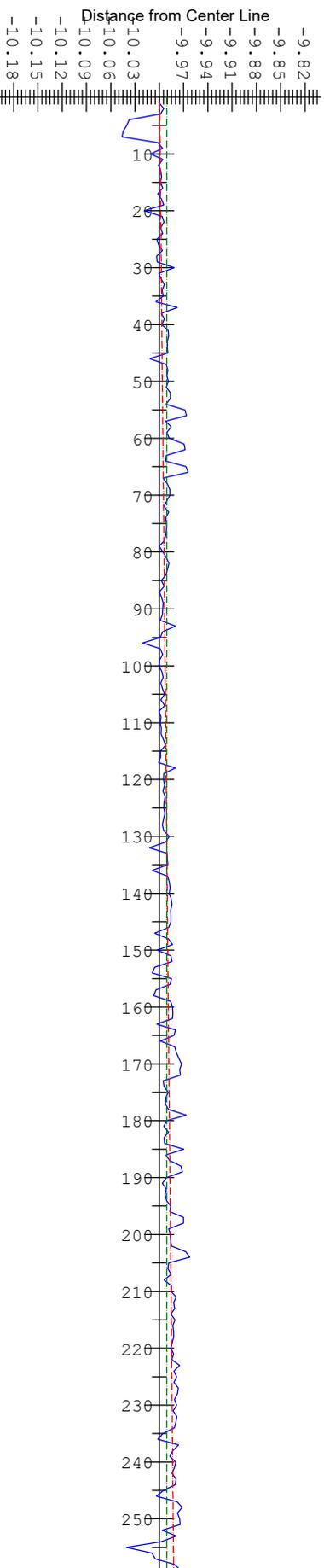


Aisle Pole Tips at Nom. Beam Height

Wall Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 19.917



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 : 20.000 US Full : 20.0003 DS Full : 20.0000

Nom. Taper : 0.000 US Wall Half : 9.9934 DS Wall Half : 9.9935

US Aisle Half : 9.9945 DS Aisle Half : 9.9936

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)	9.977	0.000	8.750	
US Wall Pole Tip(1)	-9.999	0.000	8.750	
US Sym. Pt.	-0.011			
US Gap				19.977
DS Aisle Pole Tip(260)	10.001	0.000	3375.750	
DS Wall Pole Tip(260)	-9.982	0.000	3375.750	
DS Sym. Pt.	0.009			
DS Gap				19.983
Taper				0.006

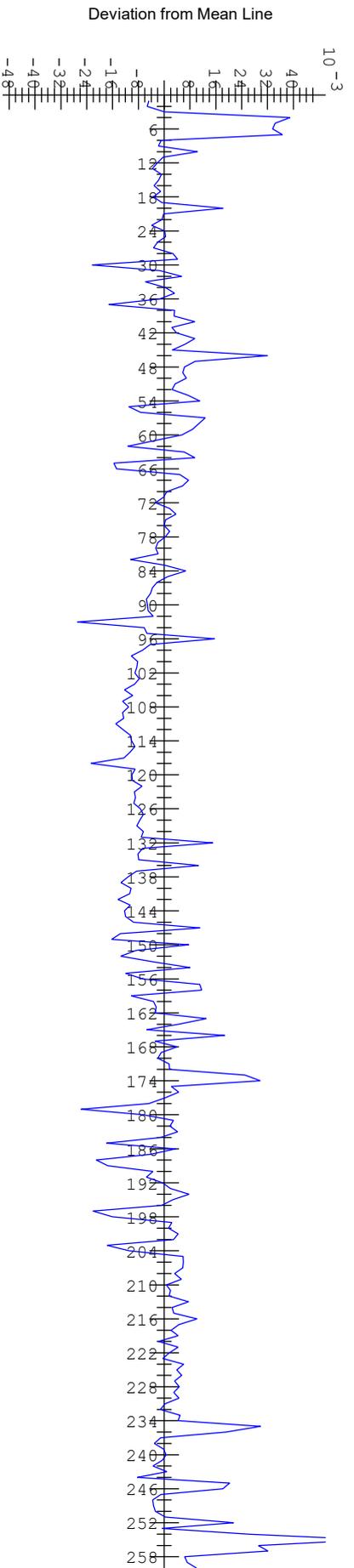
Dimensions in MM



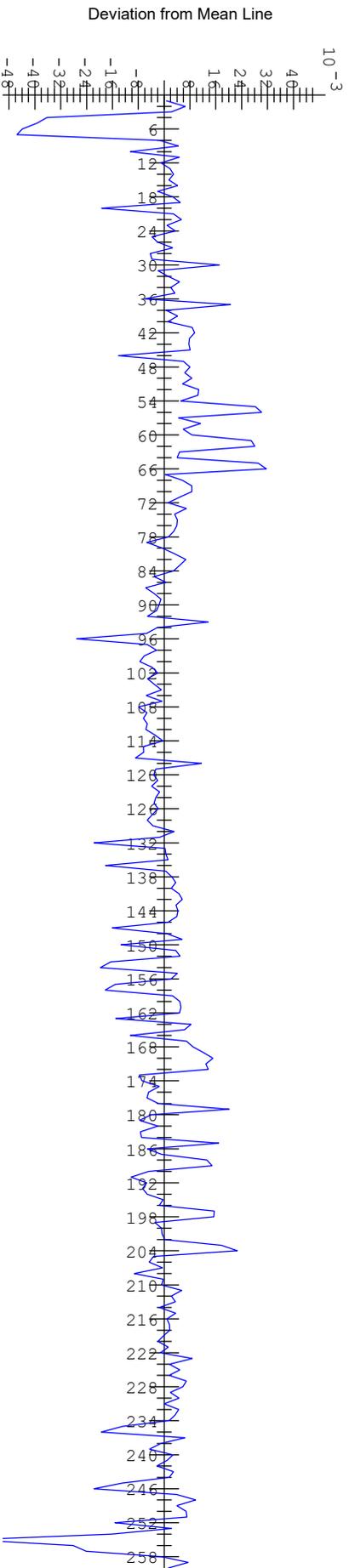
HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	20.000	US Full :	20.0003	DS Full :	20.0000
US Wall Half :	9.9934	US Wall Half :	9.9934	DS Wall Half :	9.9935
US Aisle Half :	9.9945	US Aisle Half :	9.9945	DS Aisle Half :	9.9936
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 : 20.000 US Full : 20.0003 DS Full : 20.0000

Nom. Taper : 0.000 US Wall Half : 9.9934 DS Wall Half : 9.9935

US Aisle Half : 9.9945 DS Aisle Half : 9.9936

S/N : HXU_013

Date : 29-JUL-2020

Data Set : 0001

Run : FINAL

Cam Pos. : B