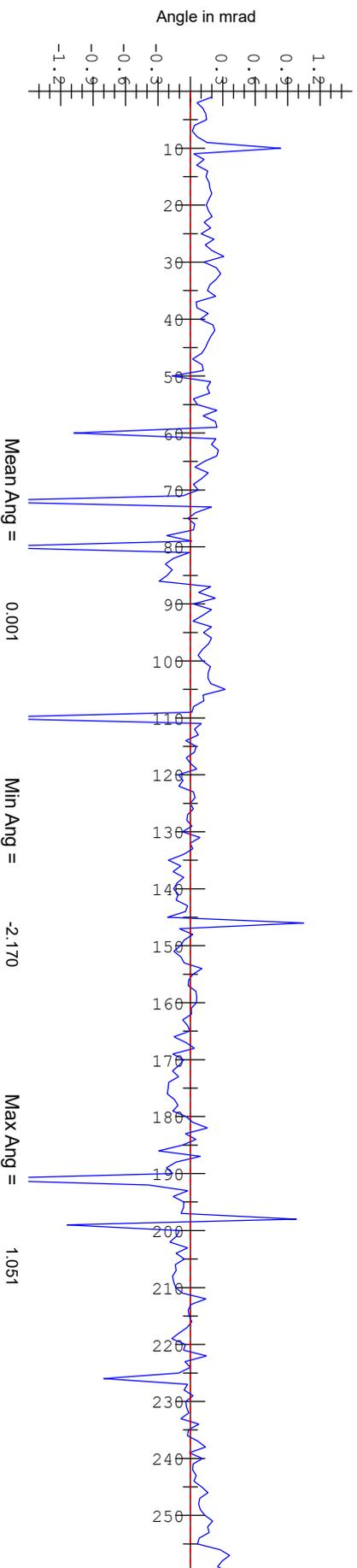


Included Angle Between Pole Tips

Pole Tip Num. ----->

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



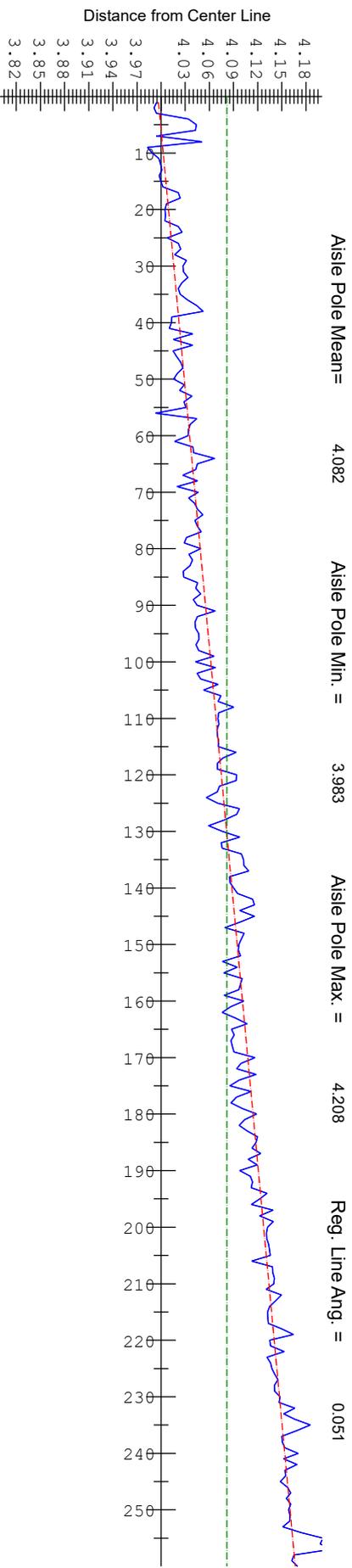
Dimensions in MM, Angles in Milliradians



HGVPU - Pole Tip Angles

Nominal Gap :	8.000	US Full :	8.0008	DS Full :	8.2998
Nom. Taper :	0.300	US Wall Half :	4.0049	DS Wall Half :	4.1517
		US Aisle Half :	4.0035	DS Aisle Half :	4.1523

S/N	: HXU 016
Date	: 22-JAN-2021
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

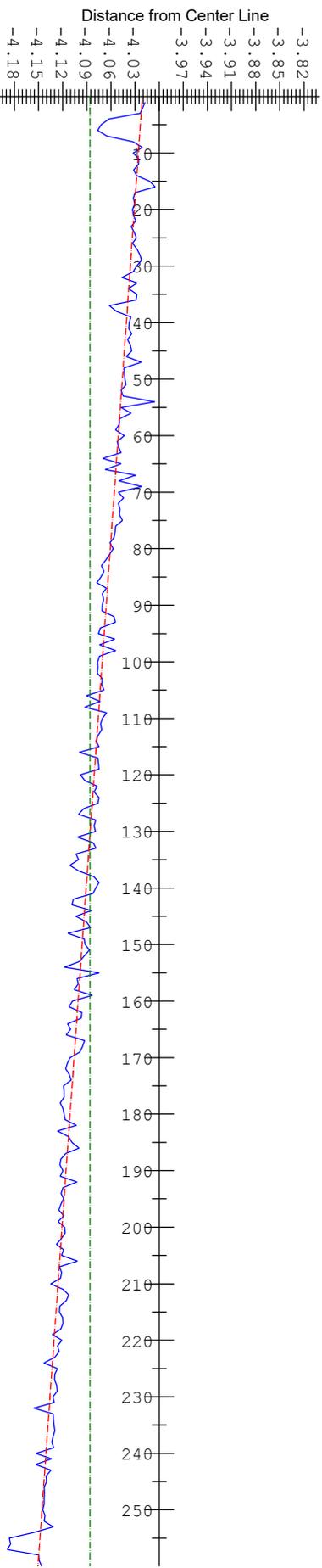


Pole Tip Num. ----->

Aisle Pole Tips at Nom. Beam Height

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

Minimum Clearance Gap = 7.966



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 :	4.0049	
Nom. Taper :	0.300	US Aisle Half :	4.0035	DS Full :	8.2998
		DS Wall Half :	4.1517	DS Aisle Half :	4.1523
S/N	: HXU 016	Date	: 22-JAN-2021	Data Set	: 0002
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)	3.997	0.000	8.750	
US Wall Pole Tip(1)	-4.021	0.000	8.750	
US Sym. Pt.	-0.012			
US Gap				8.018
DS Aisle Pole Tip(260)	4.167	0.000	3375.750	
DS Wall Pole Tip(260)	-4.151	0.000	3375.750	
DS Sym. Pt.	0.008			
DS Gap				8.317
Taper				0.299

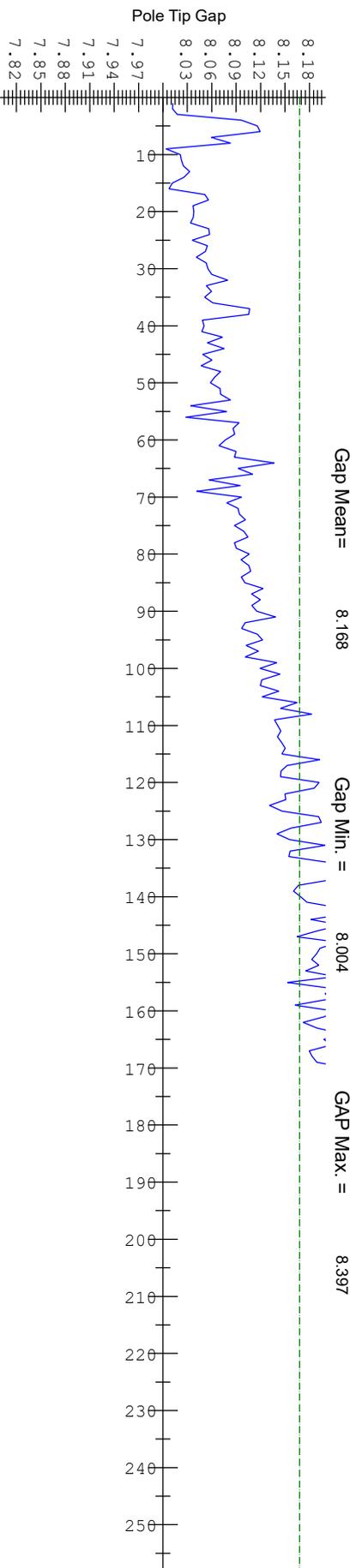
Dimensions in MM



HGVPU - Gap Calc. from Regression Line End Points

Nominal Gap :	8.000	US Full :	8.0008	DS Full :	8.2998
US Wall Half :	4.0049	DS Wall Half :	4.1517		
US Aisle Half :	4.0035	DS Aisle Half :	4.1523		
Nom. Taper :	0.300				

S/N	: HXU_016
Date	: 22-JAN-2021
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B

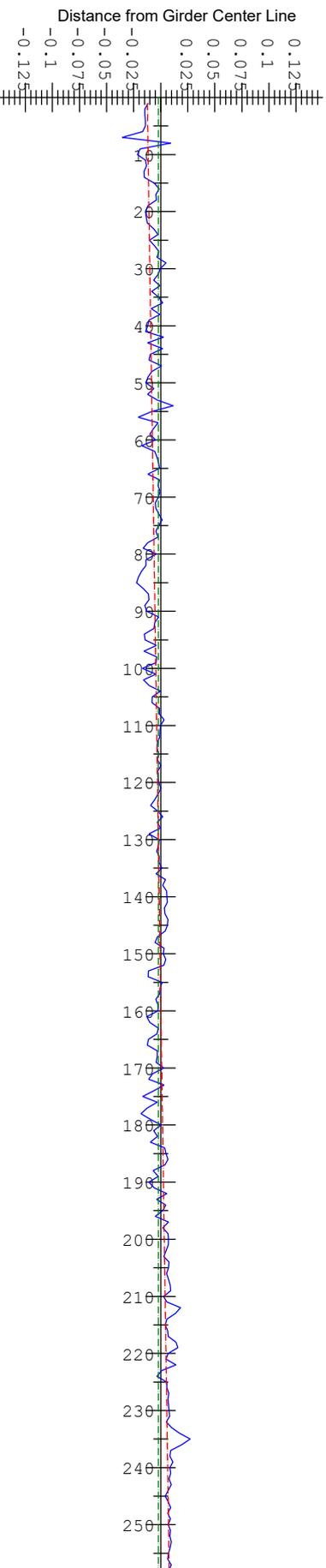


Pole Tip Gap at Nom. Beam Height

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 :	8.000	US Full :	8.0008	DS Full :	8.2998
Nom. Taper :	0.300	US Wall Half :	4.0049	DS Wall Half :	4.1517
		US Aisle Half :	4.0035	DS Aisle Half :	4.1523

S/N	: HXU 016
Date	: 22-JAN-2021
Data Set	: 0002
Run	: FINAL
Cam Pos.	: B



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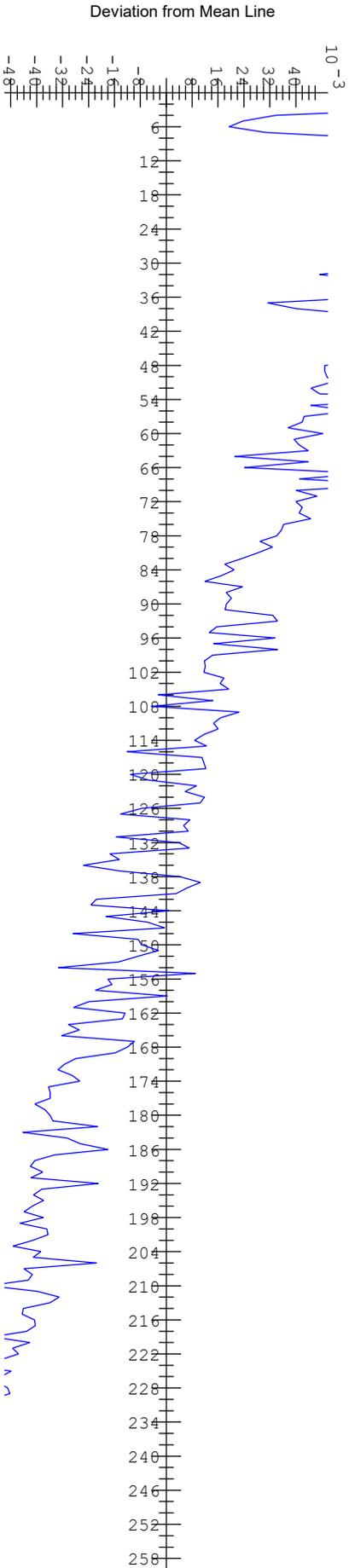
HGVPU - Pole Tip Deviation from Mean Line

Nominal Gap : 8.000 US Full : 8.0008 DS Full : 8.2998
 Nom. Taper : 0.300 US Wall Half : 4.0049 DS Wall Half : 4.1517
 US Aisle Half : 4.0035 DS Aisle Half : 4.1523

Pole Tip Deviations from Jaw Mean Lines when aligned to actual Gap Sym. Plane

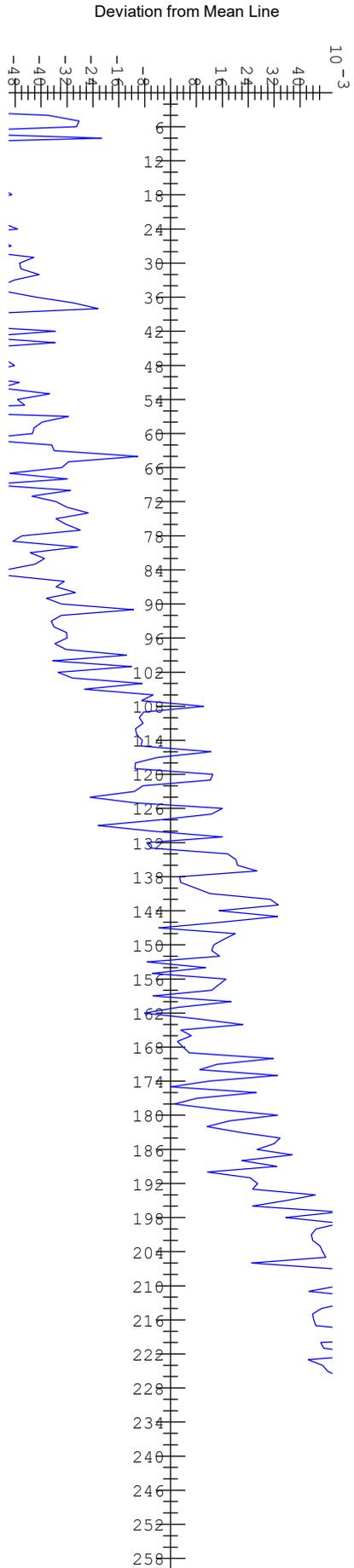
Dimensions in MM

S/N : HXU 016
 Date : 22-JAN-2021
 Data Set : 0002
 Run : FINAL
 Cam Pos. : B



Pole Tip Num. ----->

Wall Pole Tips



Aisle Pole Tips