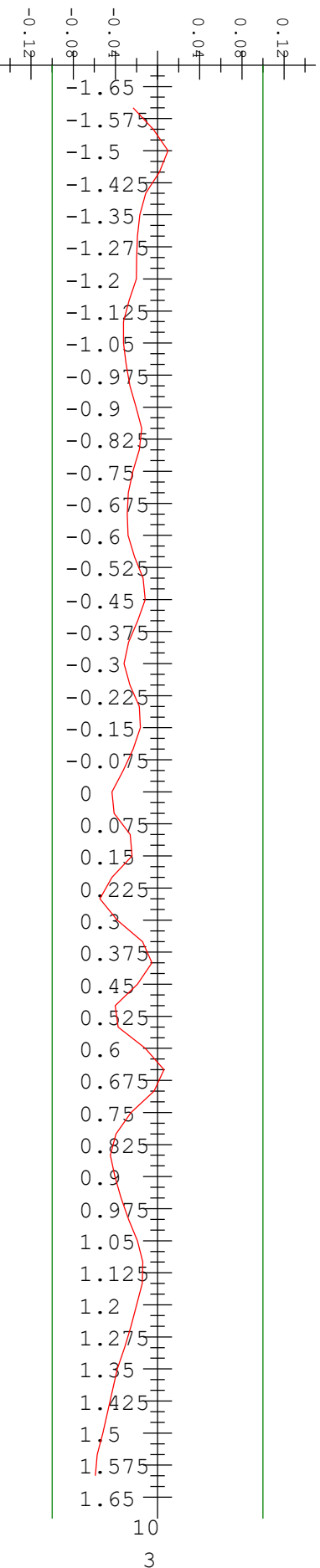


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.012	0.012
Y Center	0.000	-0.003	-0.003
Z Center	1830.000	1829.934	-0.067
Roll	0.000	0.342	0.342
Pitch	0.000	-0.202	-0.202
Yaw	0.000	-0.538	-0.538

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.017	-0.017
US Y	0.000	-0.014	-0.014
DS X	0.000	0.009	0.009
DS Y	0.000	0.014	0.014
Roll	0.000	-0.472	-0.472
BPM-QUAD	128.120	128.042	-0.078

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	-0.153	-0.153
US Y	0.000	0.118	0.118
DS X	0.000	-0.194	-0.194
DS Y	0.000	0.143	0.143

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0722

S/N : HXU 032
 Date : 04-NOV-2020
 Data Set : 0001
 Run : RUN 1
 Cam Pos. : B