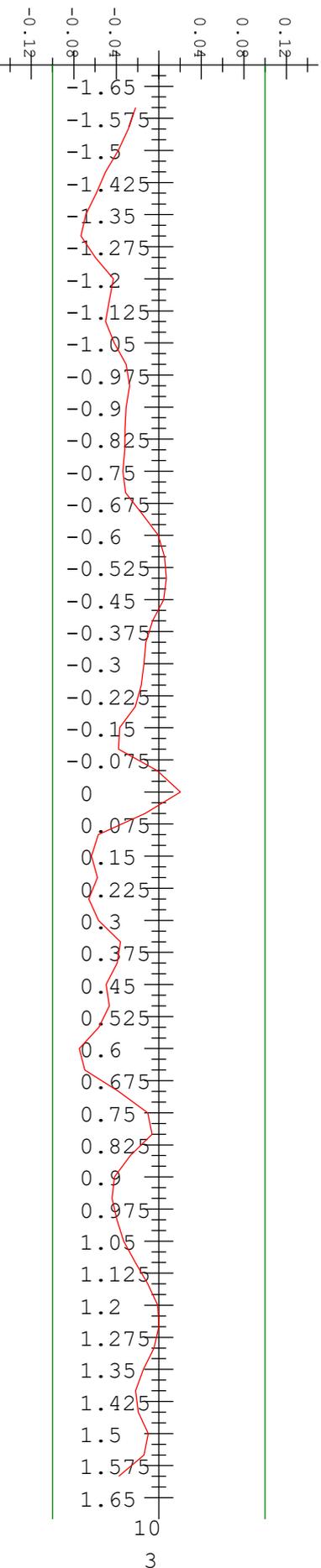


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.040	-0.040
Y Center	0.000	0.027	0.027
Z Center	1830.000	1830.076	0.076
Roll	0.000	0.229	0.229
Pitch	0.000	0.077	0.077
Yaw	0.000	-0.051	-0.051

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.048	-0.048
US Y	0.000	0.028	0.028
DS X	0.000	-0.033	-0.033
DS Y	0.000	0.030	0.030
Roll	0.000	-0.475	-0.475
BPM-QUAD	128.120	128.354	0.234

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.000	0.000
US Y	0.000	0.000	0.000
DS X	0.000	-0.143	-0.143
DS Y	0.000	-0.226	-0.226

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0723

S/N : HXU_011
 Date : 23-AUG-2021
 Data Set : 0002
 Run : RUN 1
 Cam Pos. : B