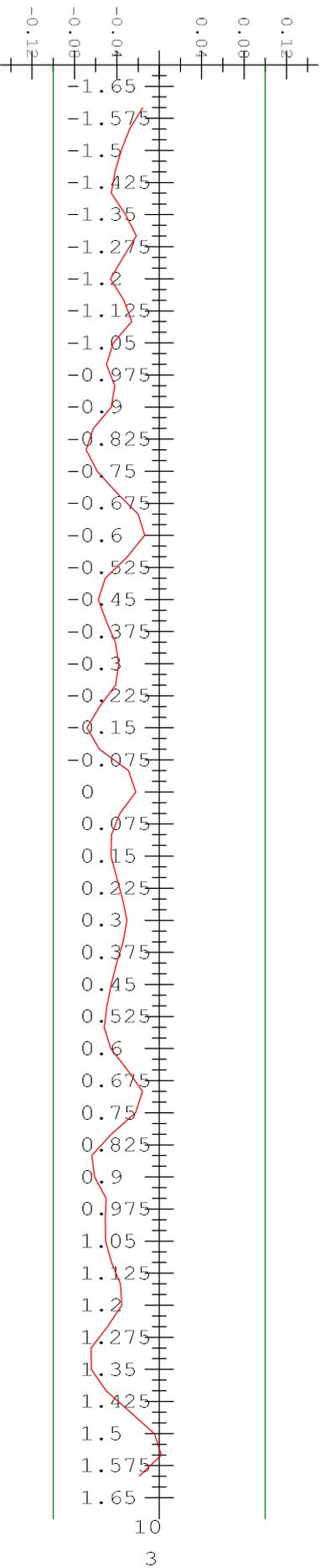


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.001	0.001
Y Center	0.000	0.027	0.027
Z Center	1830.000	1830.035	0.035
Roll	0.000	0.173	0.173
Pitch	0.000	0.012	0.012
Yaw	0.000	-0.049	-0.049

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.007	-0.007
US Y	0.000	0.033	0.033
DS X	0.000	0.008	0.008
DS Y	0.000	0.040	0.040
Roll	0.000	-0.390	-0.390
BPM-QUAD	128.120	128.312	0.192

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.027	0.027
US Y	0.000	0.136	0.136
DS X	0.000	-0.035	-0.035
DS Y	0.000	0.176	0.176

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0723

S/N : HXU_011
 Date : 10-JUL-2020
 Data Set : 0001
 Run : RUN 1
 Cam Pos. : B