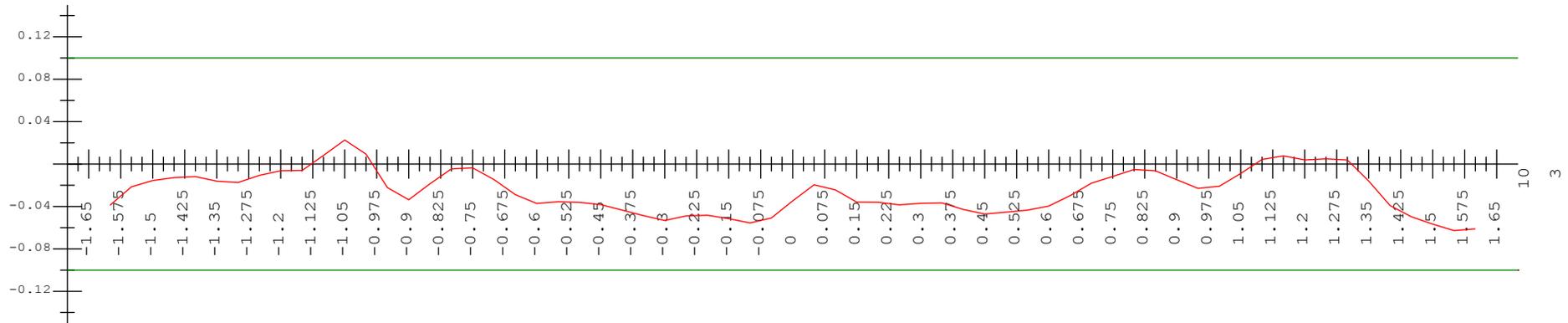


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.006	-0.006
Y Center	0.000	0.028	0.028
Z Center	1830.000	1830.023	0.023
Roll	0.000	0.027	0.027
Pitch	0.000	-0.040	-0.040
Yaw	0.000	0.011	0.011

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.019	-0.019
US Y	0.000	-0.012	-0.012
DS X	0.000	-0.034	-0.034
DS Y	0.000	0.023	0.023
Roll	0.000	0.586	0.586
BPM-QUAD	128.120	128.209	0.089

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.337	0.337
US Y	0.000	0.061	0.061
DS X	0.000	0.572	0.572
DS Y	0.000	-0.033	-0.033

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0749

S/N : HXU_006
Date : 15-NOV-2019
Data Set : 0001
Run : RUN 2
Cam Pos. : B