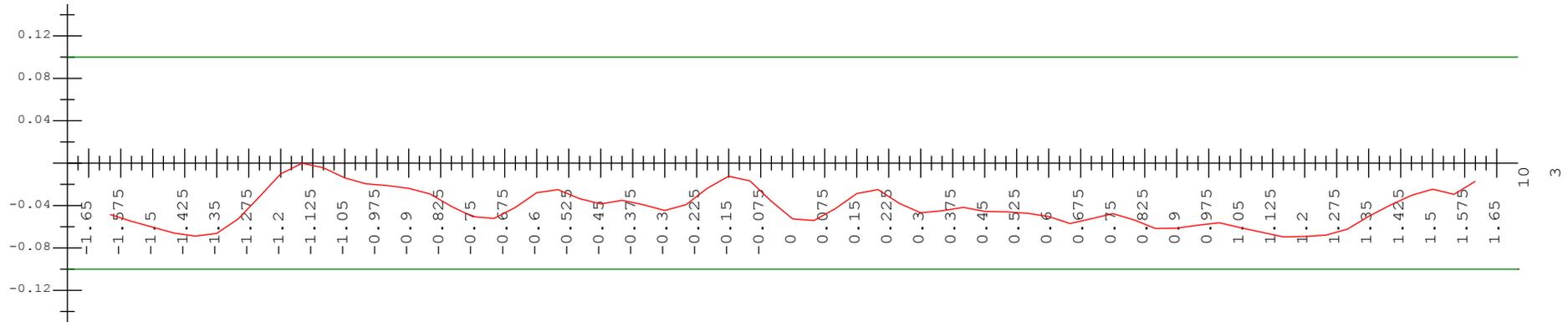


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.015	0.015
Y Center	0.000	0.029	0.029
Z Center	1830.000	1829.929	-0.071
Roll	0.000	0.300	0.300
Pitch	0.000	0.262	0.262
Yaw	0.000	-0.205	-0.205

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.024	0.024
US Y	0.000	-0.022	-0.022
DS X	0.000	-0.020	-0.020
DS Y	0.000	-0.038	-0.038
Roll	0.000	0.100	0.100
BPM-QUAD	128.120	128.162	0.042

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.356	0.356
US Y	0.000	-0.140	-0.140
DS X	0.000	0.377	0.377
DS Y	0.000	-0.042	-0.042

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0726

S/N : HXU_004
Date : 15-NOV-2019
Data Set : 0001
Run : RUN 1
Cam Pos. : B