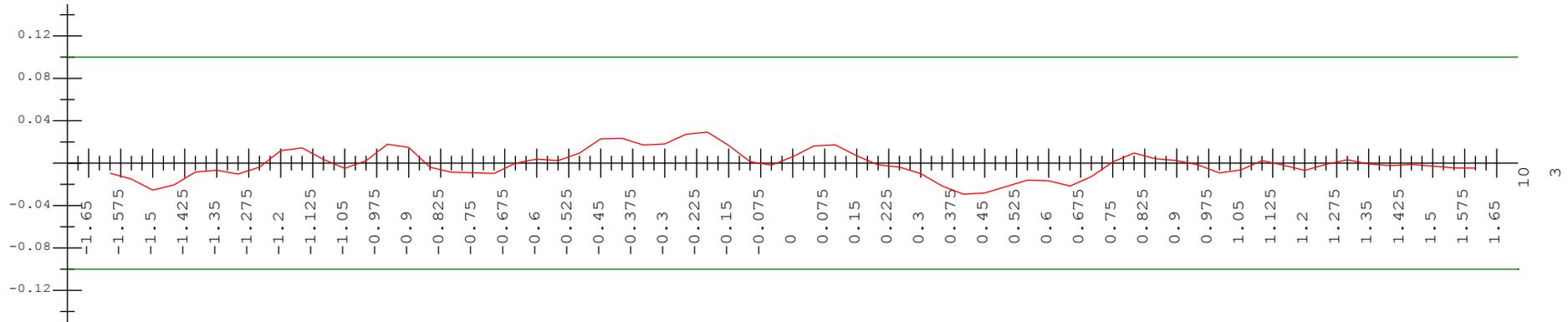


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.037	-0.037
Y Center	0.000	0.015	0.015
Z Center	1830.000	1830.500	0.500
Roll	0.000	0.163	0.163
Pitch	0.000	-0.736	-0.736
Yaw	0.000	0.147	0.147

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.000	0.000
US Y	0.000	-0.009	-0.009
DS X	0.000	0.018	0.018
DS Y	0.000	-0.009	-0.009
Roll	0.000	0.472	0.472
BPM-QUAD	128.120	128.108	-0.012

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	-0.013	-0.013
US Y	0.000	0.023	0.023
DS X	0.000	-0.069	-0.069
DS Y	0.000	-0.041	-0.041

Dimensions in MM, Angles in Milliradians



HGVPU -

Chamber Profile and Interspace Components

Installed Quad S/N: 0706

S/N : HXU_030
Date : 22-NOV-2019
Data Set : 0001
Run : RUN 1
Cam Pos. : B