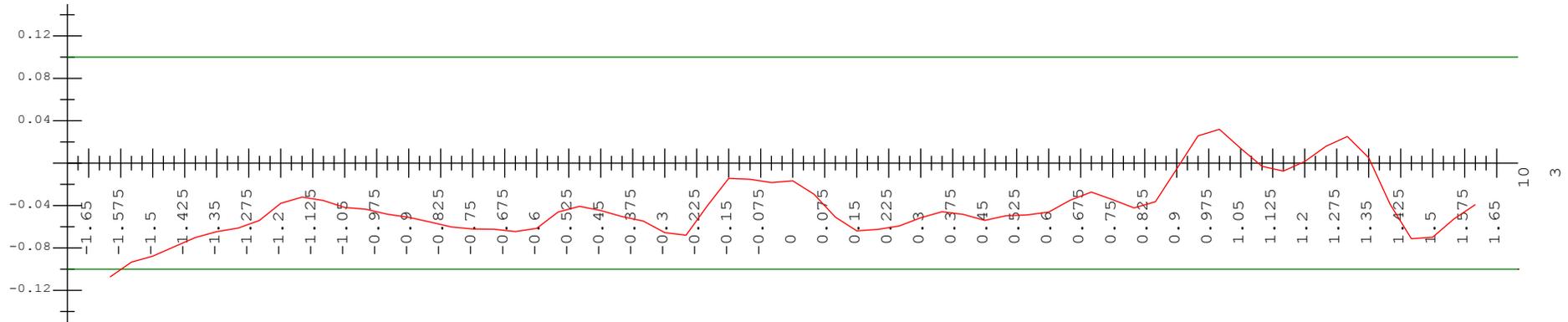


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.002	-0.002
Y Center	0.000	0.005	0.005
Z Center	1830.000	1830.022	0.022
Roll	0.000	0.034	0.034
Pitch	0.000	0.259	0.259
Yaw	0.000	0.044	0.044

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.023	0.023
US Y	0.000	-0.033	-0.033
DS X	0.000	0.012	0.012
DS Y	0.000	0.006	0.006
Roll	0.000	1.317	1.317
BPM-QUAD	128.120	127.407	-0.713

Dimensions in MM, Angles in Milliradians



HGVPU -

Chamber Profile and Interspace Components

Installed Quad S/N: 0709

S/N : HXU_002
Date : 15-NOV-2019
Data Set : 0001
Run : ~RN
Cam Pos. : B