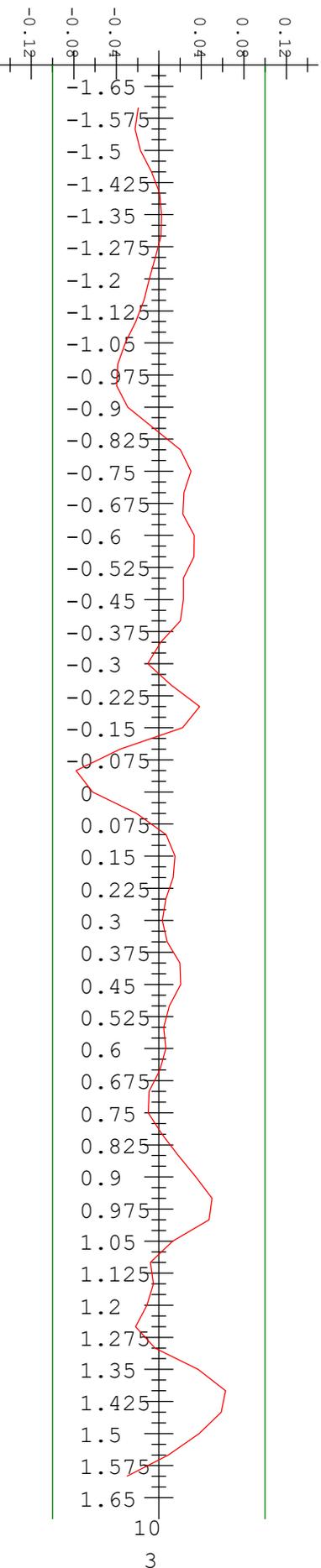


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.018	-0.018
Y Center	0.000	0.027	0.027
Z Center	1830.000	1830.073	0.073
Roll	0.000	0.160	0.160
Pitch	0.000	-0.382	-0.382
Yaw	0.000	-0.533	-0.533

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.039	-0.039
US Y	0.000	-0.001	-0.001
DS X	0.000	-0.020	-0.020
DS Y	0.000	0.039	0.039
Roll	0.000	-0.425	-0.425
BPM-QUAD	128.120	127.913	-0.207

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.105	0.105
US Y	0.000	0.168	0.168
DS X	0.000	0.107	0.107
DS Y	0.000	0.207	0.207

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 4093

S/N : HXU_013
 Date : 11-AUG-2020
 Data Set : 0001
 Run : RUN 1
 Cam Pos. : B