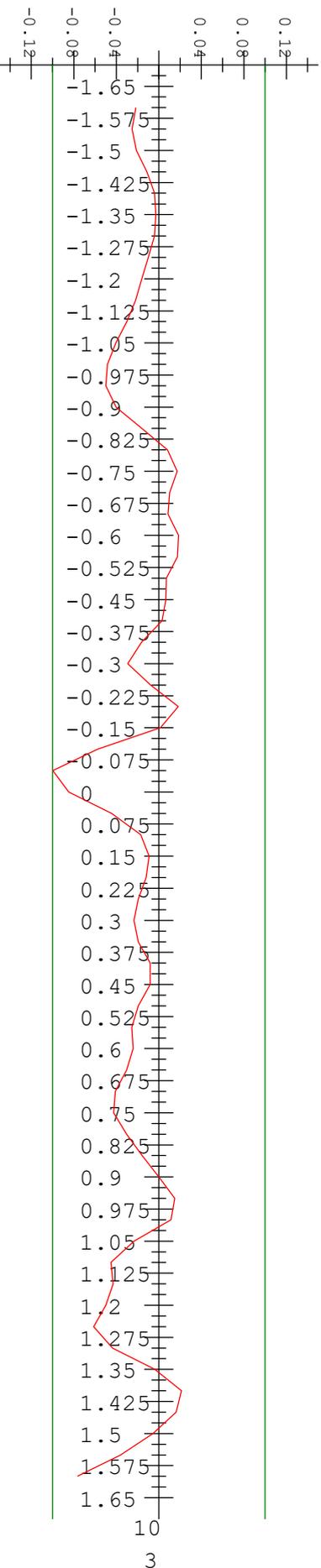


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.025	0.025
Y Center	0.000	0.023	0.023
Z Center	1830.000	1830.086	0.086
Roll	0.000	0.171	0.171
Pitch	0.000	-0.470	-0.470
Yaw	0.000	-0.593	-0.593

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.006	-0.006
US Y	0.000	-0.002	-0.002
DS X	0.000	0.010	0.010
DS Y	0.000	0.023	0.023
Roll	0.000	-0.448	-0.448
BPM-QUAD	128.120	127.942	-0.178

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.169	0.169
US Y	0.000	0.169	0.169
DS X	0.000	0.172	0.172
DS Y	0.000	0.205	0.205

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 4093

S/N	: HXU 013
Date	: 12-AUG-2020
Data Set	: 0001
Run	: RUN 1
Cam Pos.	: B