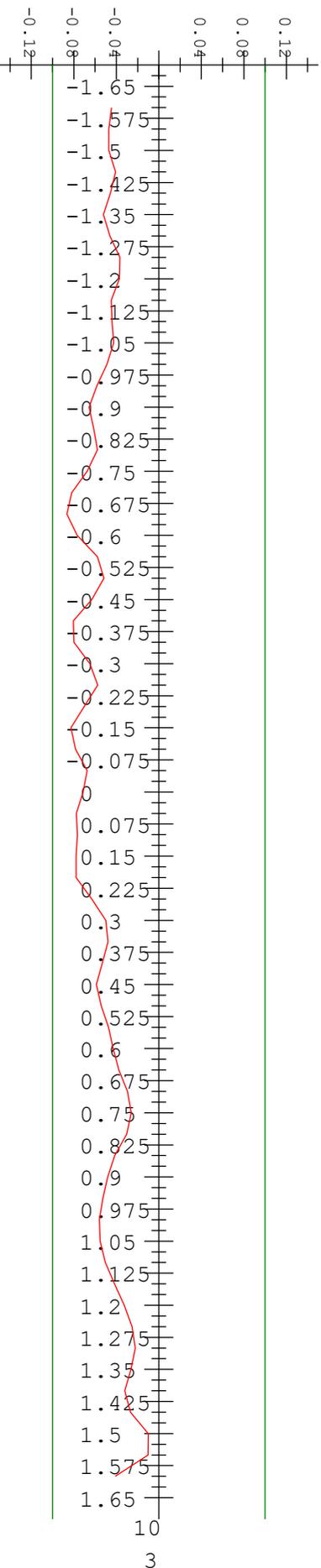


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.012	-0.012
Y Center	0.000	0.026	0.026
Z Center	1830.000	1829.951	-0.049
Roll	0.000	0.301	0.301
Pitch	0.000	0.155	0.155
Yaw	0.000	0.211	0.211

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.022	0.022
US Y	0.000	0.007	0.007
DS X	0.000	-0.003	-0.003
DS Y	0.000	0.001	0.001
Roll	0.000	0.565	0.565
BPM-QUAD	128.120	128.225	0.105

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	-0.016	-0.016
US Y	0.000	-0.029	-0.029
DS X	0.000	-0.109	-0.109
DS Y	0.000	-0.061	-0.061

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 4070

S/N	: HXU 014
Date	: 30-NOV-2020
Data Set	: 0001
Run	: RUN 1
Cam Pos.	: B