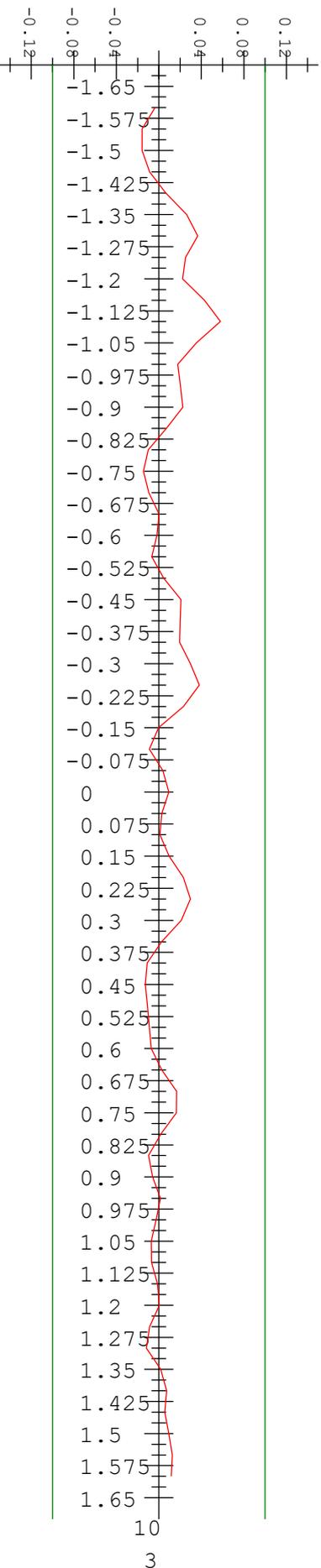


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	-0.013	-0.013
Y Center	0.000	0.007	0.007
Z Center	1830.000	1830.076	0.076
Roll	0.000	0.185	0.185
Pitch	0.000	-0.488	-0.488
Yaw	0.000	0.156	0.156

BPM

Value	Nominal	Actual	Deviation
US X	0.000	-0.001	-0.001
US Y	0.000	-0.005	-0.005
DS X	0.000	0.013	0.013
DS Y	0.000	-0.008	-0.008
Roll	0.000	-0.005	-0.005
BPM-QUAD	128.120	128.050	-0.070

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.113	0.113
US Y	0.000	-0.096	-0.096
DS X	0.000	0.180	0.180
DS Y	0.000	-0.182	-0.182

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0723

S/N	: HXU 000
Date	: 10-DEC-2021
Data Set	: 0002
Run	: RUN 1
Cam Pos.	: B