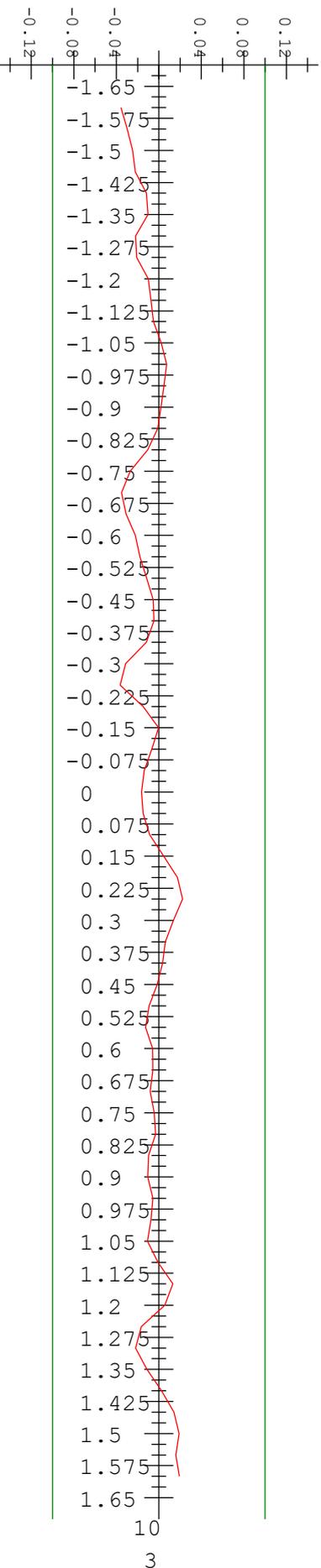


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.001	0.001
Y Center	0.000	0.028	0.028
Z Center	1830.000	1829.988	-0.012
Roll	0.000	0.162	0.162
Pitch	0.000	-0.117	-0.117
Yaw	0.000	-0.213	-0.213

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.016	0.016
US Y	0.000	0.031	0.031
DS X	0.000	0.022	0.022
DS Y	0.000	-0.004	-0.004
Roll	0.000	-0.092	-0.092
BPM-QUAD	128.120	128.000	-0.121

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	0.037	0.037
US Y	0.000	-0.050	-0.050
DS X	0.000	-0.095	-0.095
DS Y	0.000	0.009	0.009

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0718

S/N : HXU 015
 Date : 01-DEC-2020
 Data Set : 0001
 Run : RUN 1
 Cam Pos. : B