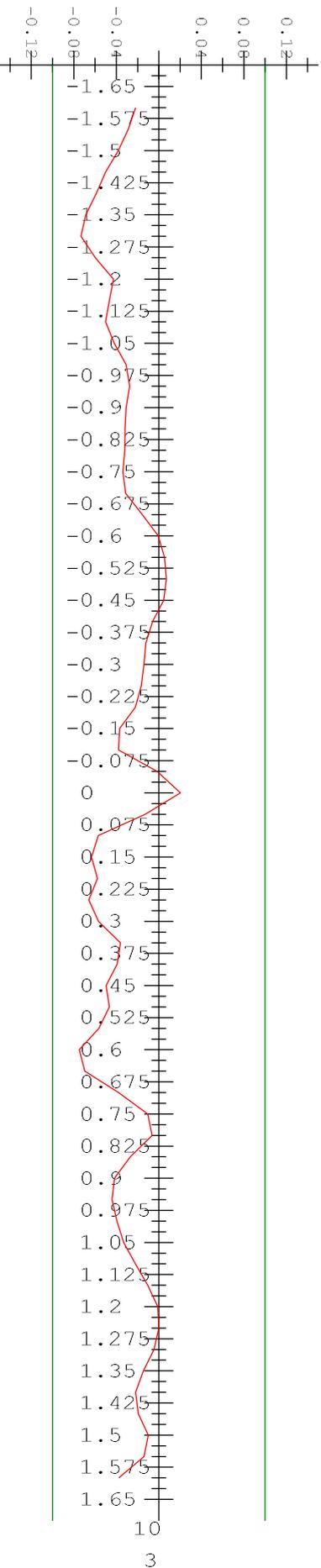


Vacuum Chamber Centerline Profile to Magnetic Axis X Centerline, Green line = +/- .100 Tol.

Red = Actual Chamber Centerline



Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.004	0.004
Y Center	0.000	0.032	0.032
Z Center	1830.000	1829.980	-0.020
Roll	0.000	0.141	0.141
Pitch	0.000	-0.266	-0.266
Yaw	0.000	0.246	0.246

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.016	0.016
US Y	0.000	-0.019	-0.019
DS X	0.000	-0.014	-0.014
DS Y	0.000	-0.008	-0.008
Roll	0.000	-0.385	-0.385
BPM-QUAD	128.120	127.994	-0.126

Phase Shifter Chamber

Value	Nominal	Actual	Deviation
US X	0.000	-0.154	-0.154
US Y	0.000	-0.207	-0.207
DS X	0.000	-0.143	-0.143
DS Y	0.000	-0.226	-0.226

Dimensions in MM, Angles in Milliradians



HGVPU - Chamber Profile and Interspace Components

Installed Quad S/N: 0714

S/N	: HXU 012
Date	: 07-JUL-2020
Data Set	: 0001
Run	: RUN 1
Cam Pos.	: B