HGVPU – Chamber Profile and Interspace Components

Installed Quad S/N: 0743

Dimensions in MM, Angles in Milliradians

Quadrupole

Value	Nominal	Actual	Deviation
X Center	0.000	0.007	0.007
Y Center	0.000	0.040	0.040
Z Center	1830.000	1829.925	-0.075
Roll	0.000	0.017	0.017
Pitch	0.000	0.276	0.276
Yaw	0.000	-0.312	-0.312

BPM

Value	Nominal	Actual	Deviation
US X	0.000	0.011	0.011
US Y	0.000	-0.024	-0.024
DS X	0.000	-0.019	-0.019
DS Y	0.000	-0.006	-0.006
Roll	0.000	-0.282	-0.282
BPM-QUAD	128.120	128.035	-0.085

Phase Shifter Chamber

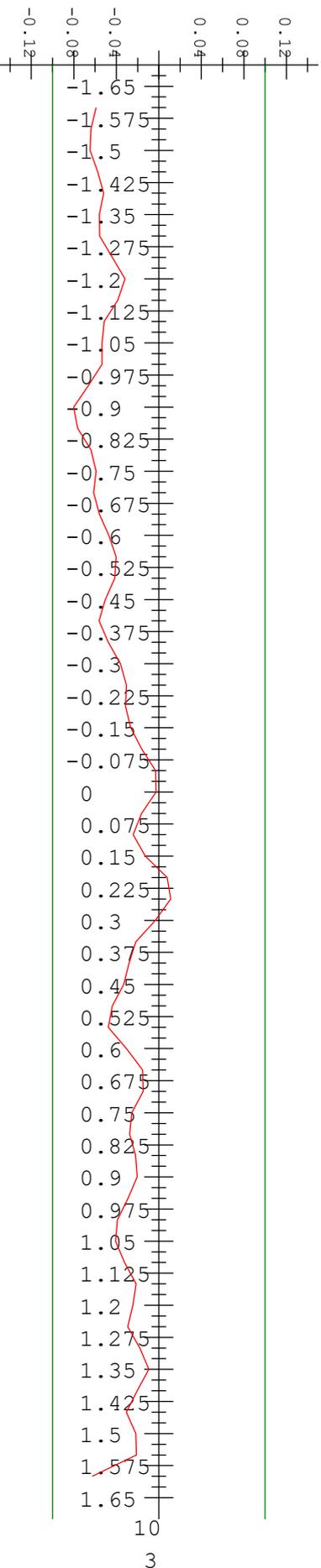| Value	Nominal	Actual	Deviation
US X	0.000	-0.135	-0.135
US Y	0.000	-0.074	-0.074
DS X	0.000	-0.115	-0.115
DS Y	0.000	-0.125	-0.125

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

Red = Actual Chamber Centerline