

\*\*\*\*\* Summary for 'm4U-jb0' \*\*\*\*\*

Energy: ### 3.00000 [GeV]

Circumference: ## 528.00000 [m]

Full tunes H/V ## 44.21880 12.37002

Momentum Compaction Factor: # 1.56509e-04

Chromaticity H: ##-0.03039

Chromaticity V: ##-0.02475

Radiation Loss: ## 550.48456 [keV]

Natural Energy Spread [0.1 %]: # 1.30839

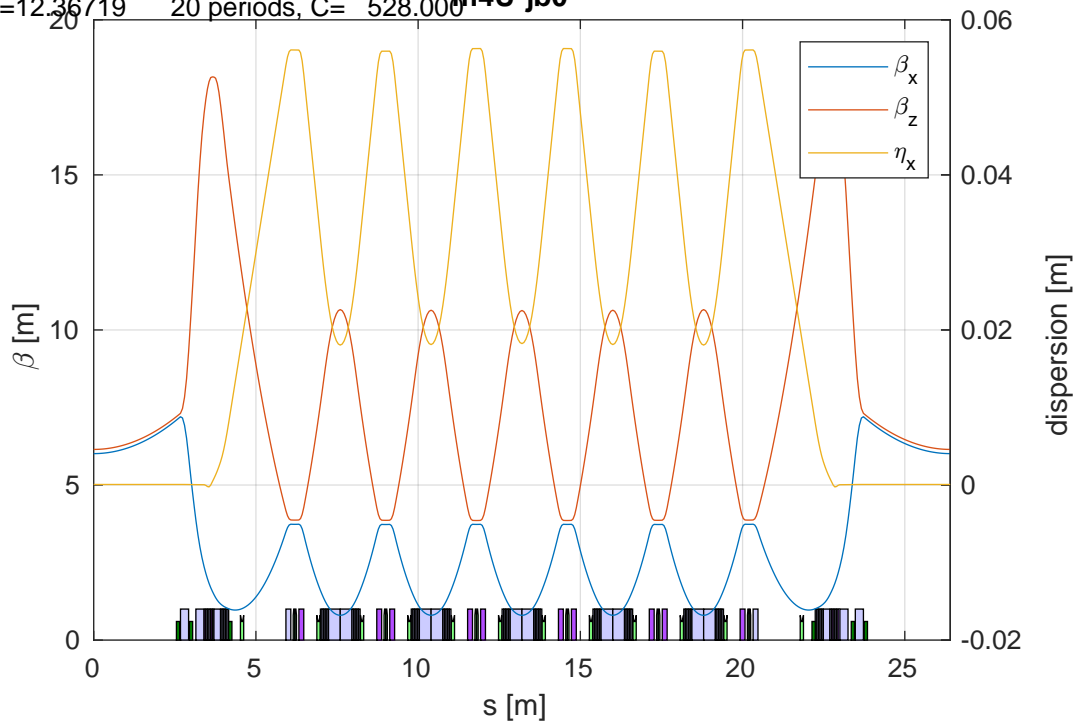
Natural Emittance: ## 139.47441 [pmrad]

RF Voltage: # 1800.00000 [kV]

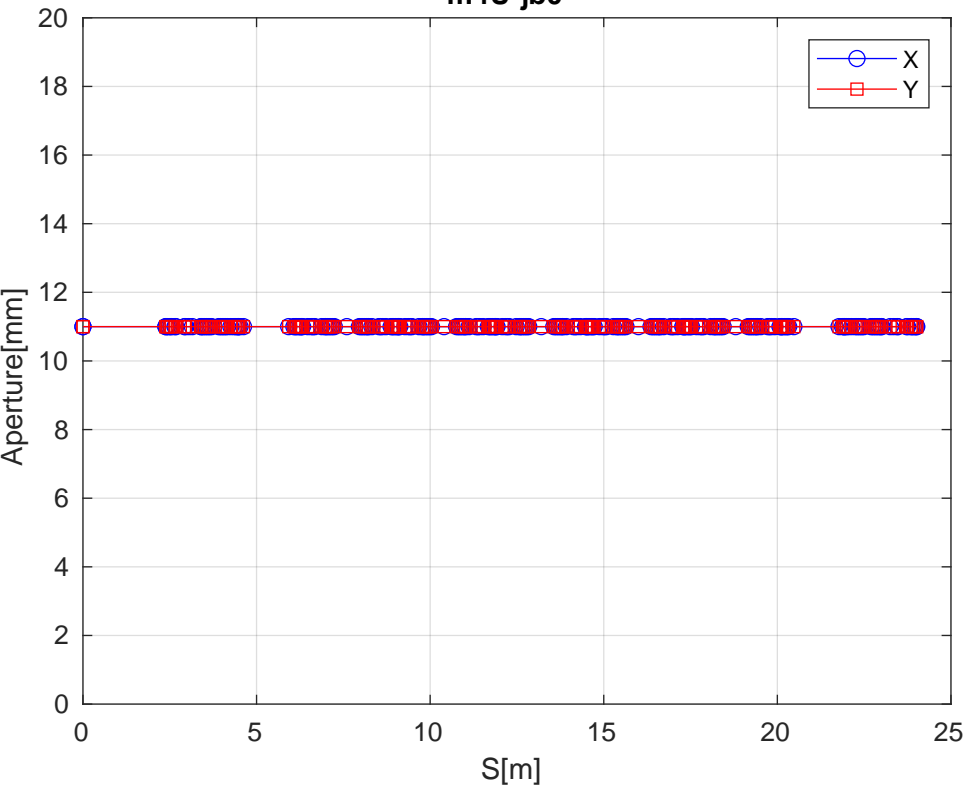
$\nu_x = 44.22692$  $\delta p/p = 0.000$  $\nu_z = 12.36719$ 

20 periods, C= 528.000

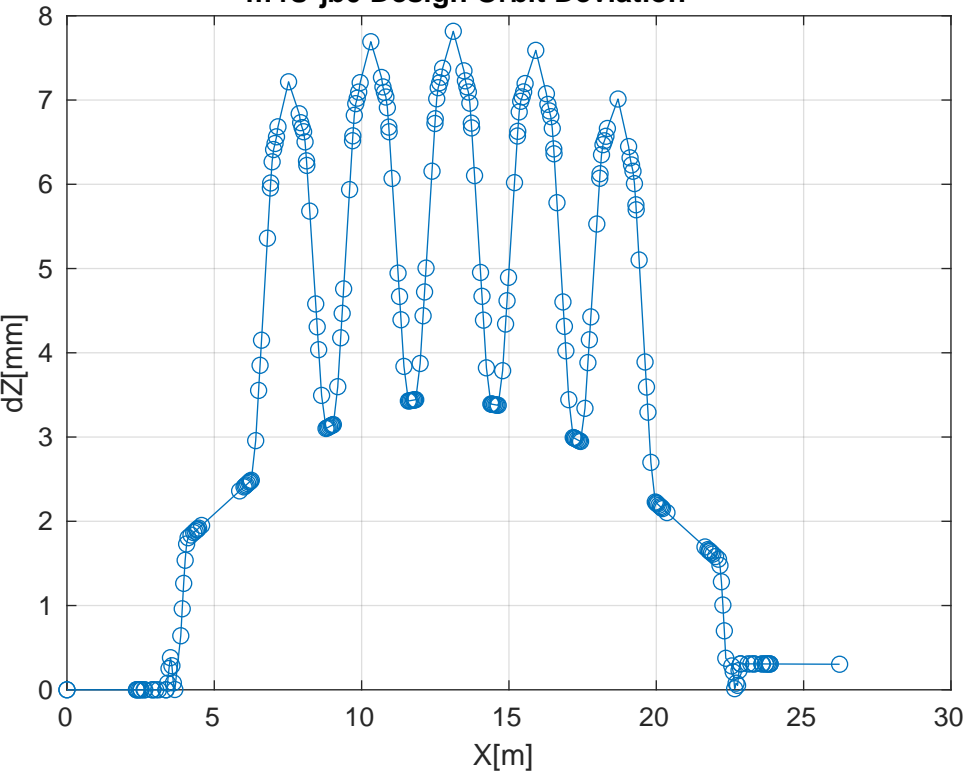
m4U-jb0



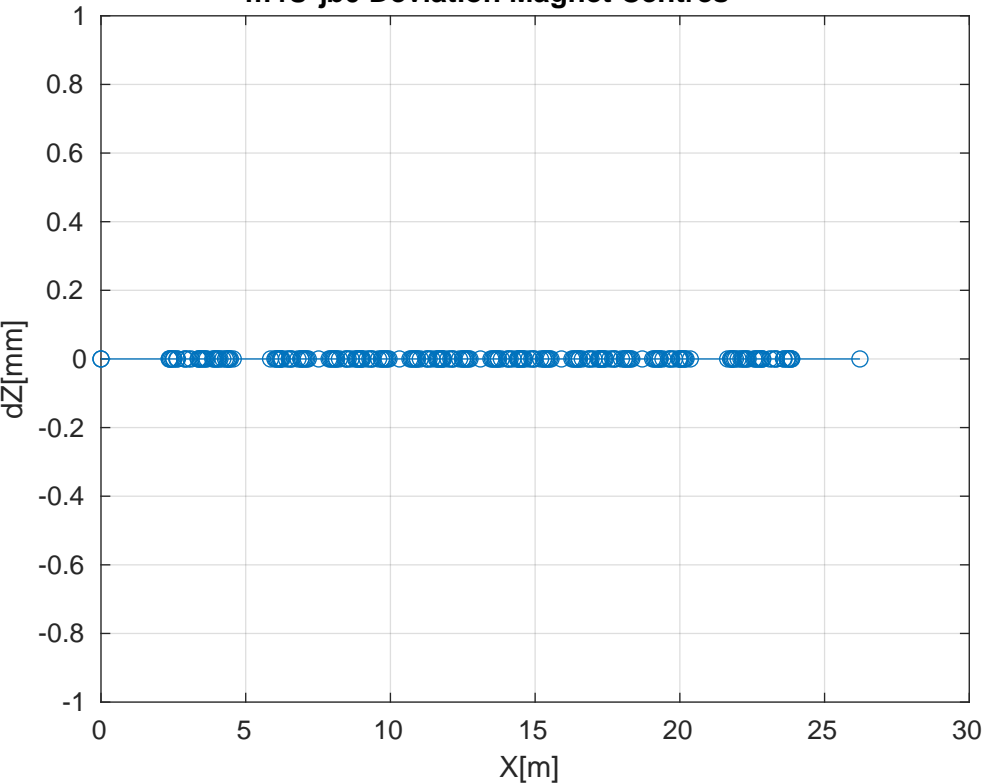
m4U-jb0



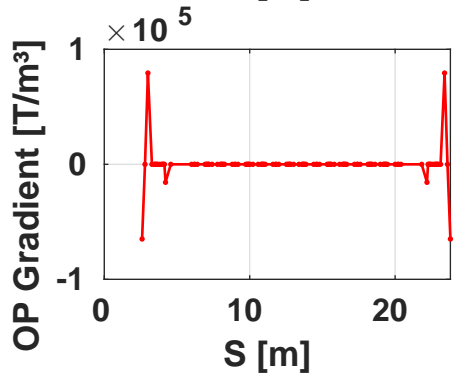
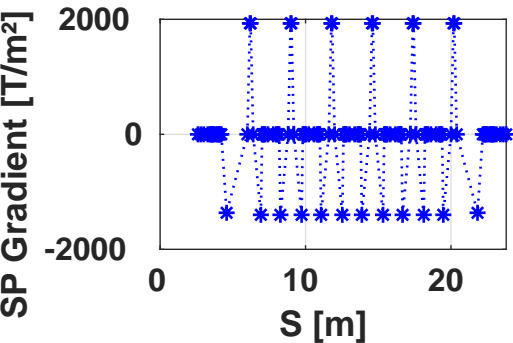
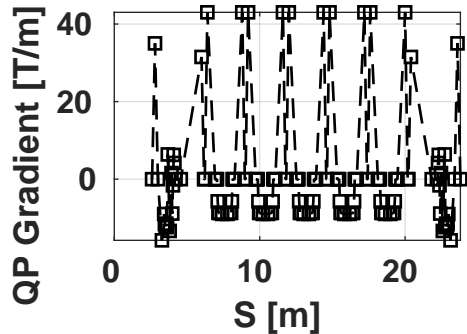
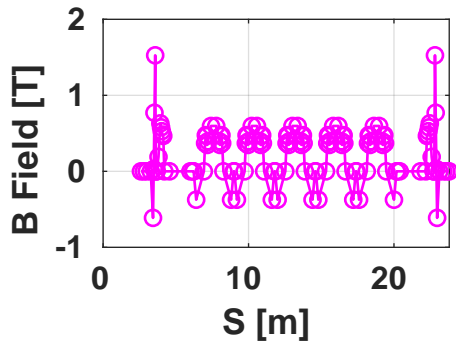
m4U-jb0 Design Orbit Deviation



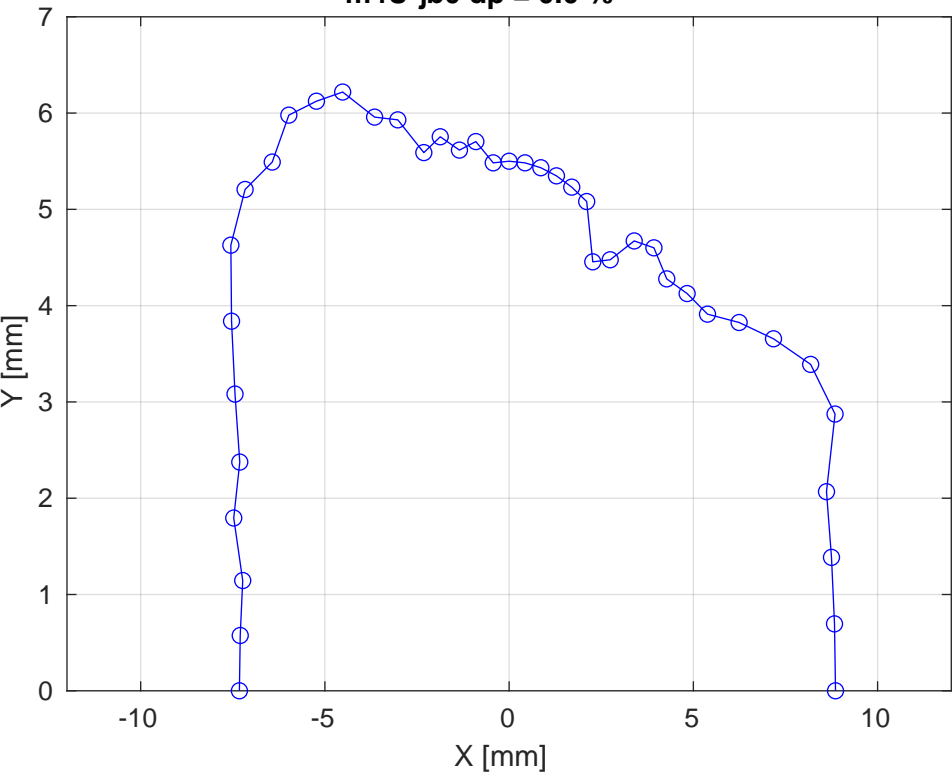
m4U-jb0 Deviation Magnet Centres



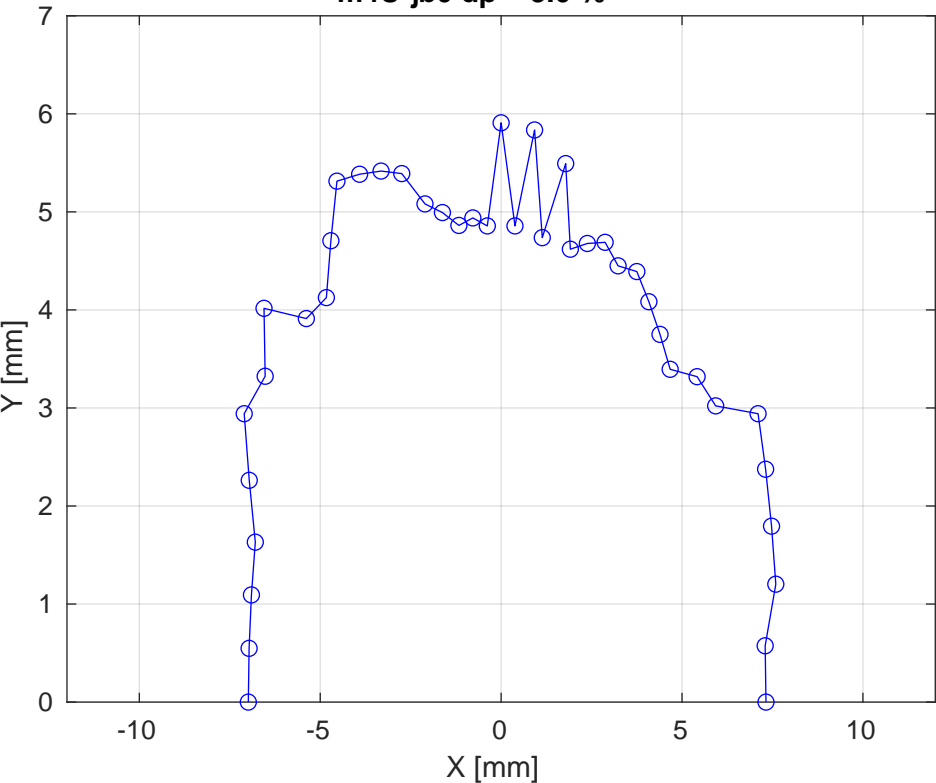
m4U<sub>j</sub>b0



m4U-jb0 dp = 0.0 %

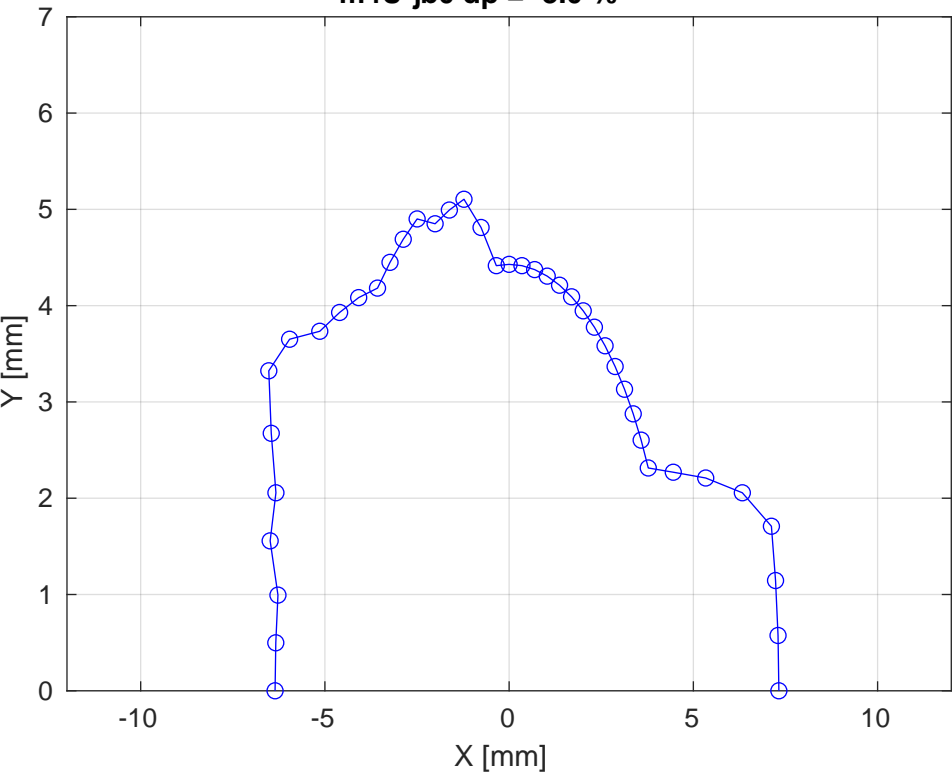


m4U-jb0 dp = 3.0 %

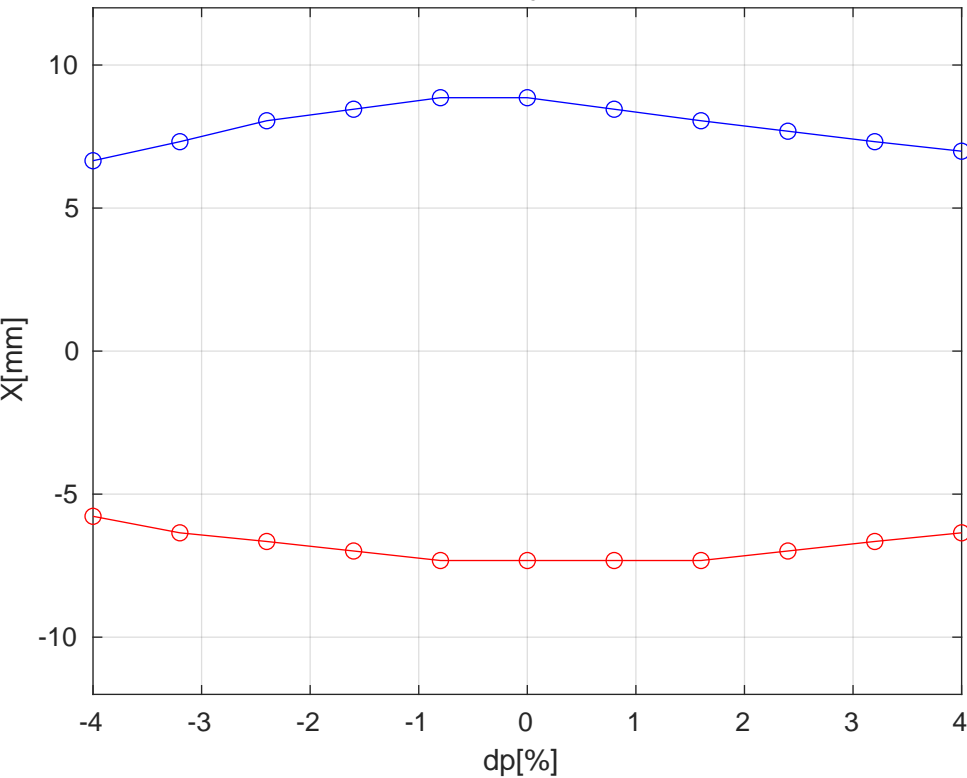




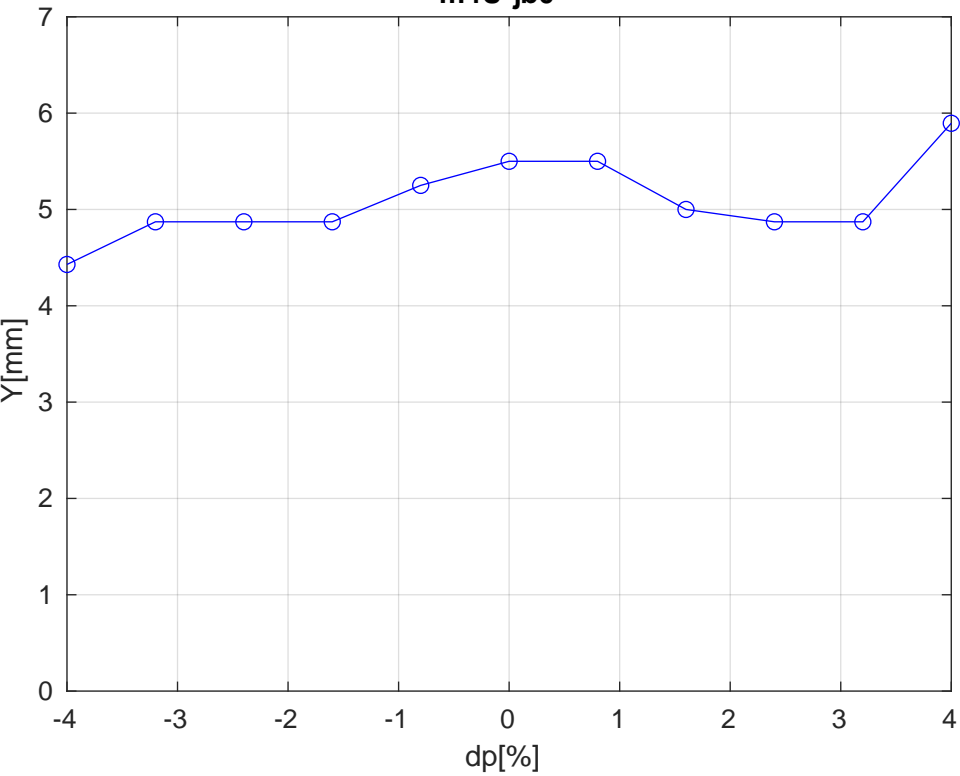
m4U-jb0 dp = -3.0 %



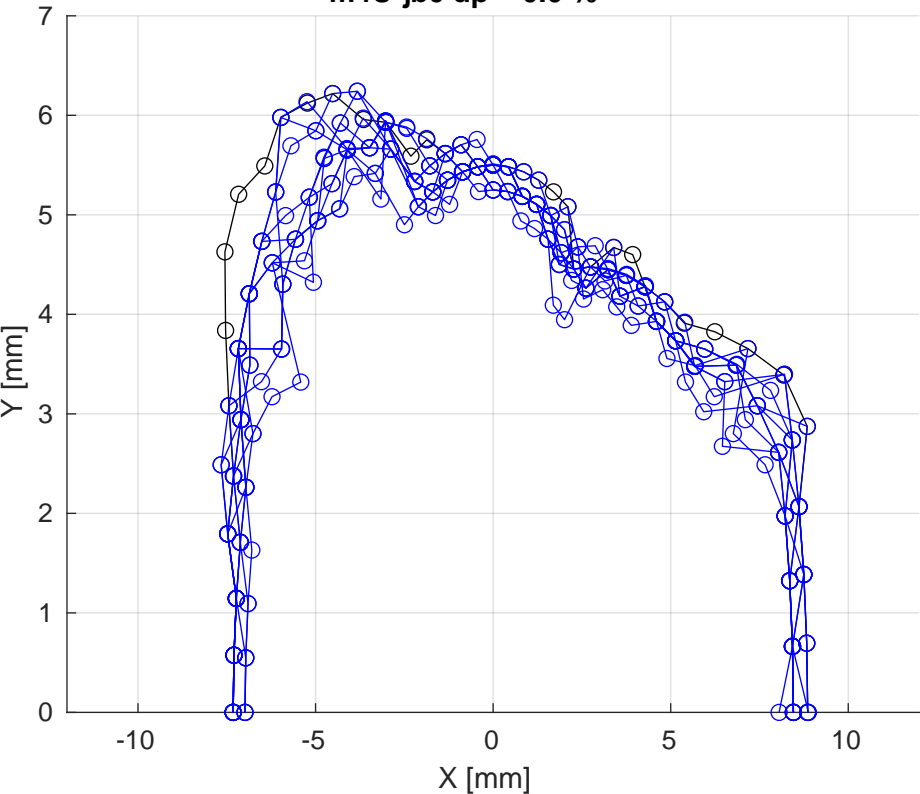
m4U-jb0



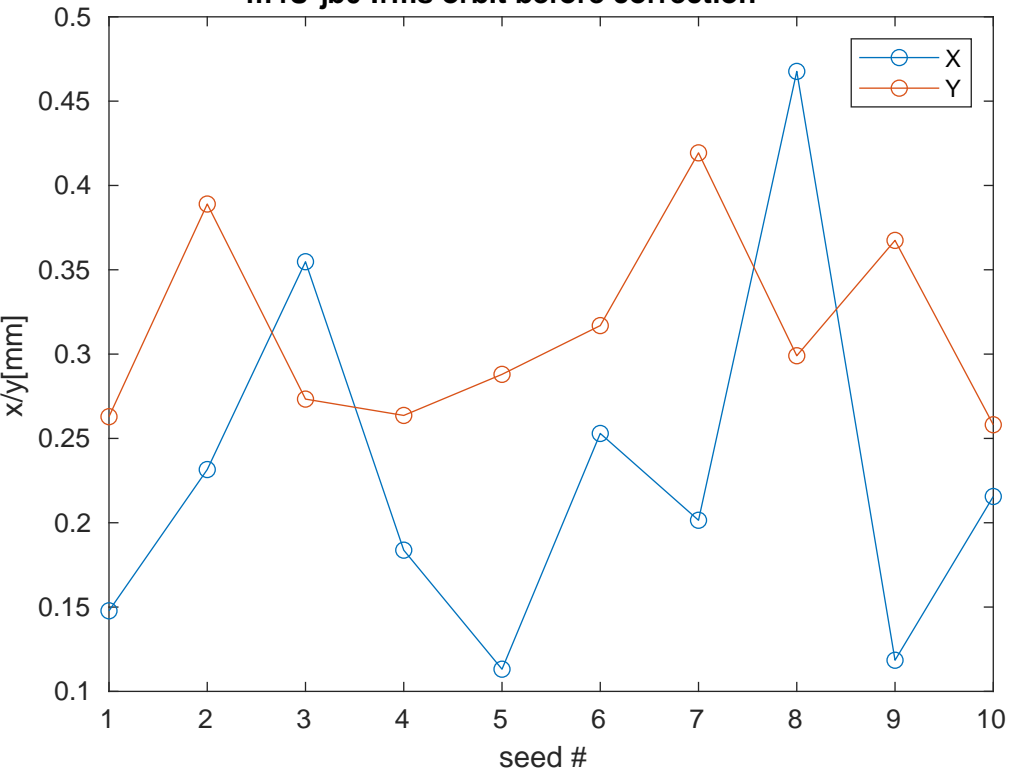
m4U-jb0

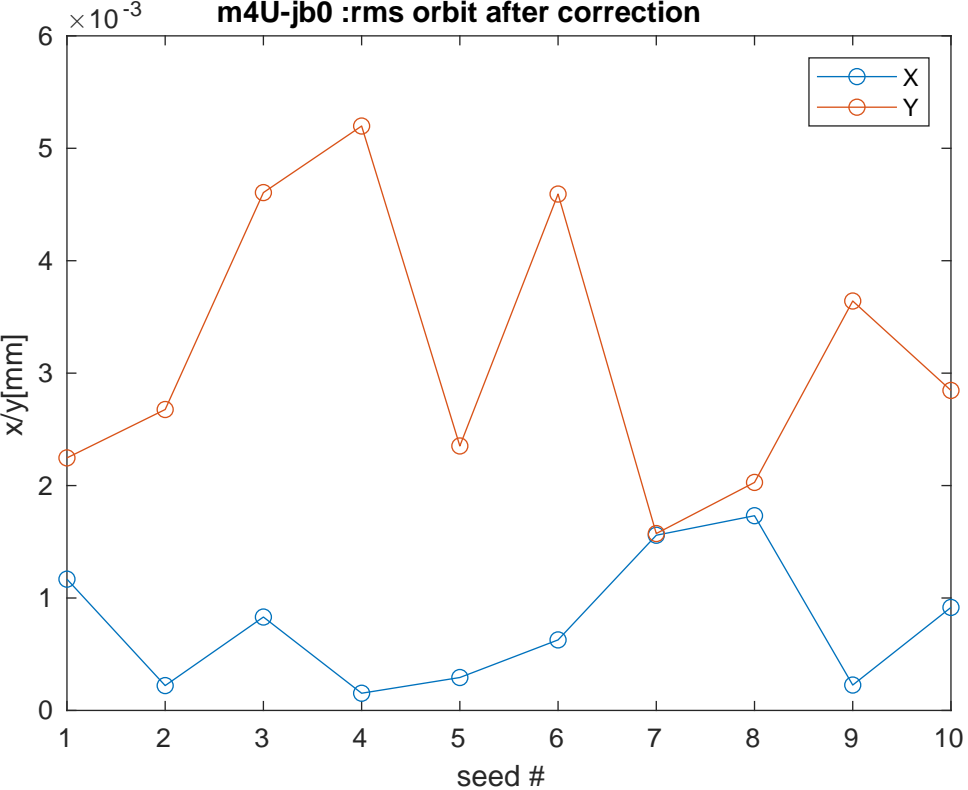


m4U-jb0 dp = 0.0 %

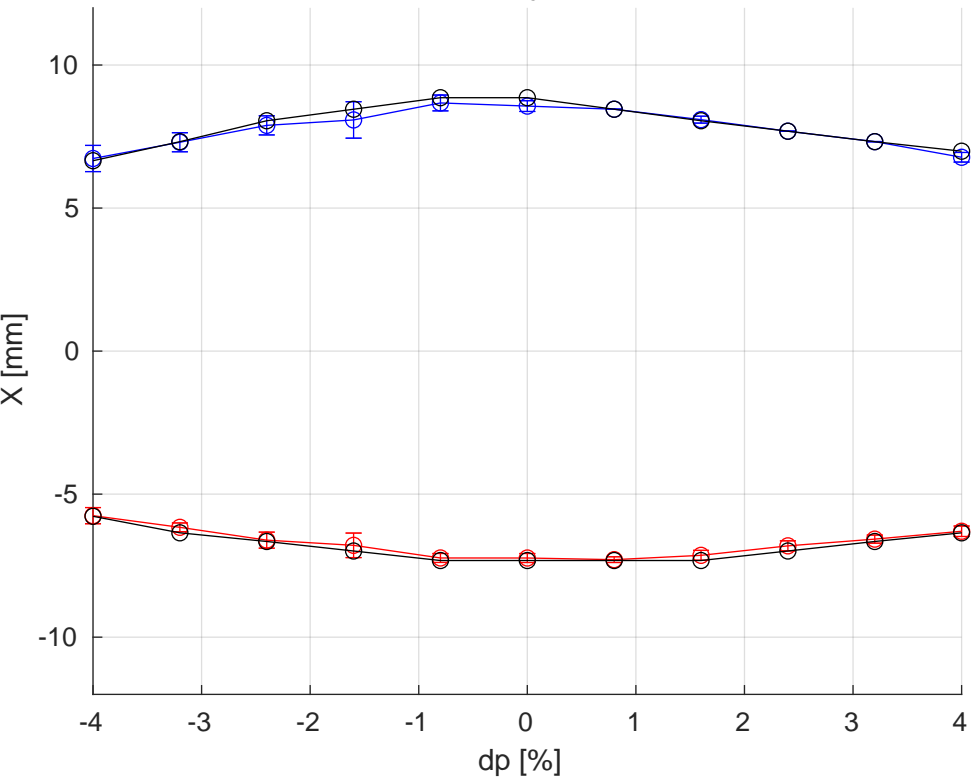


m4U-jb0 :rms orbit before correction

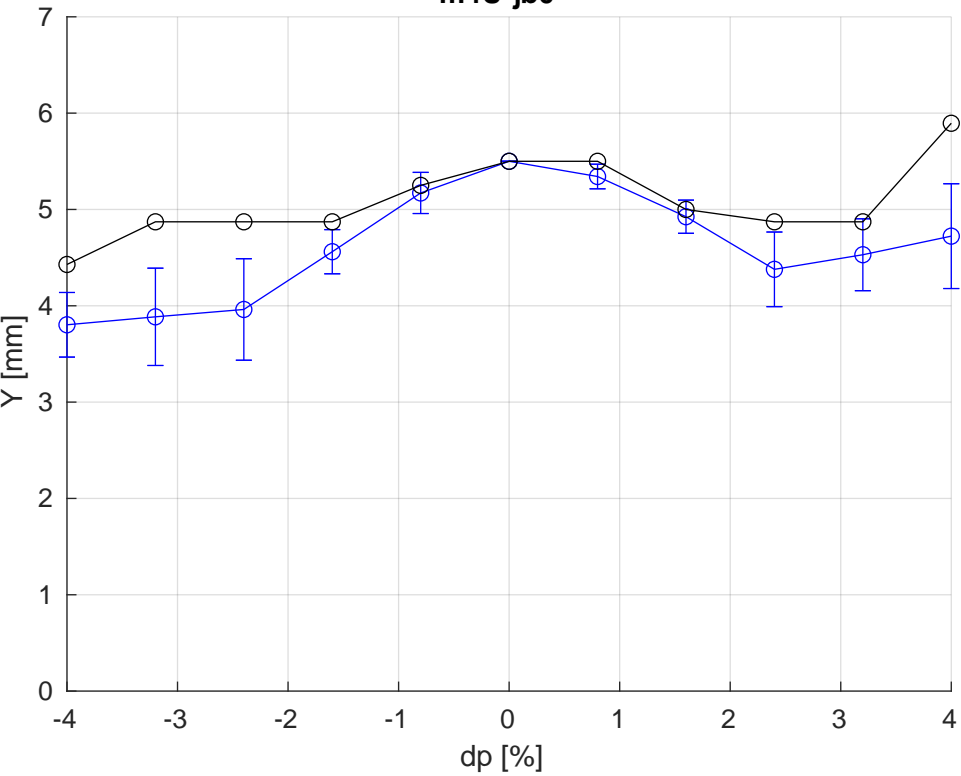




m4U-jb0

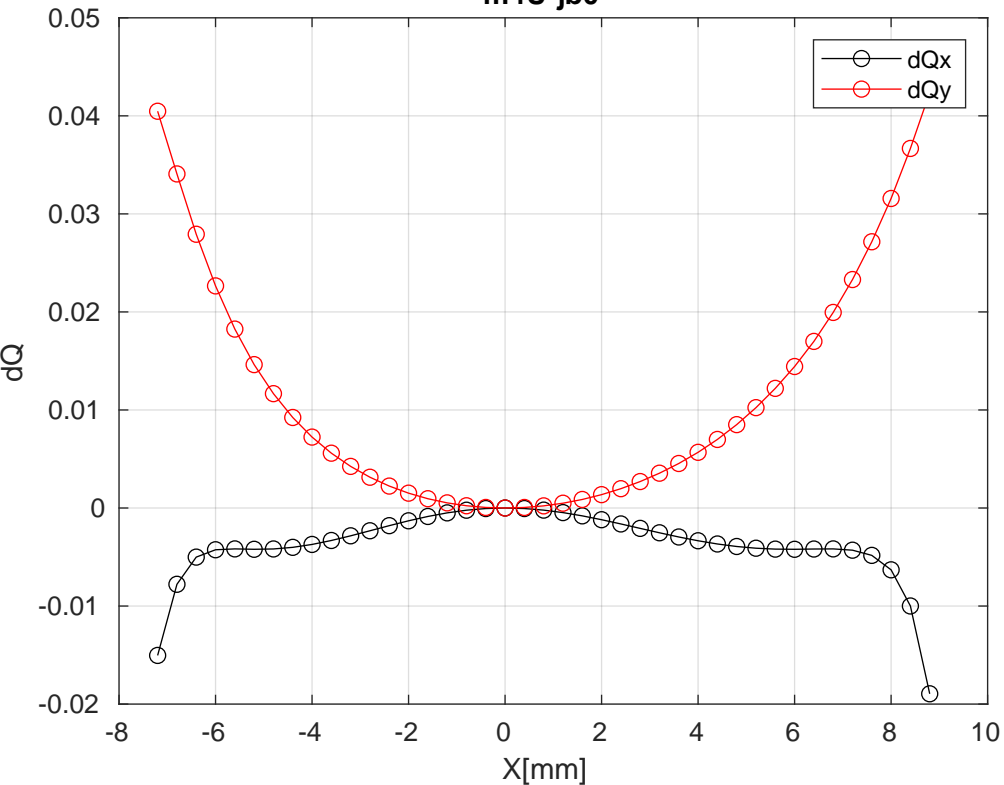


# m4U-jb0

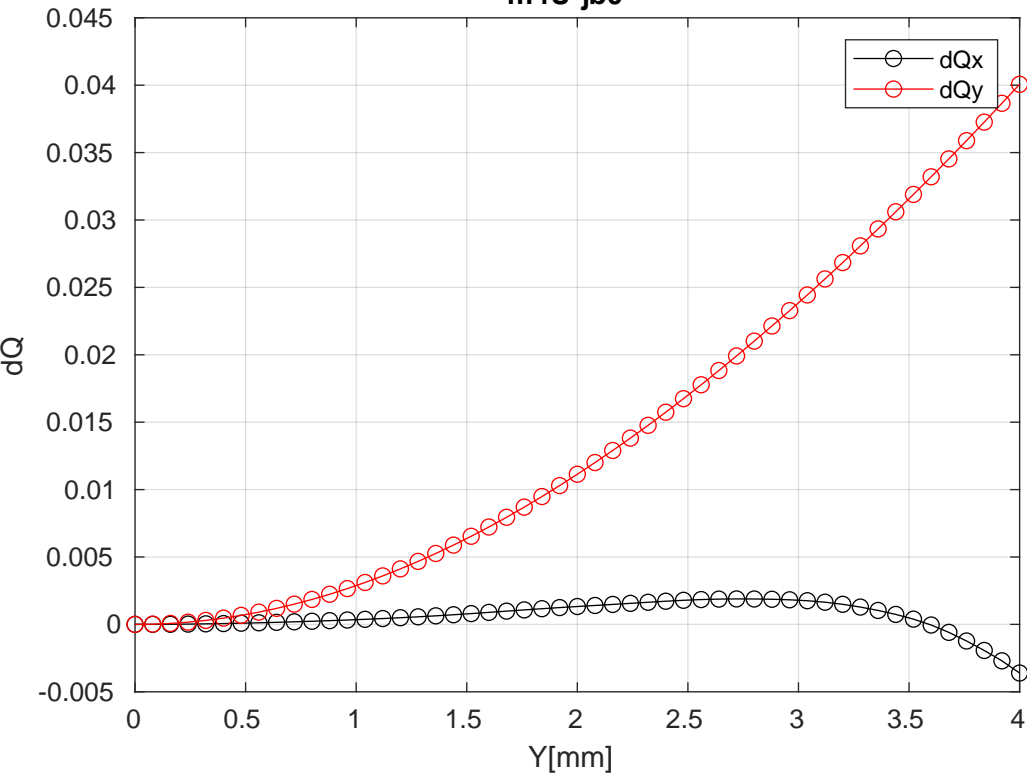




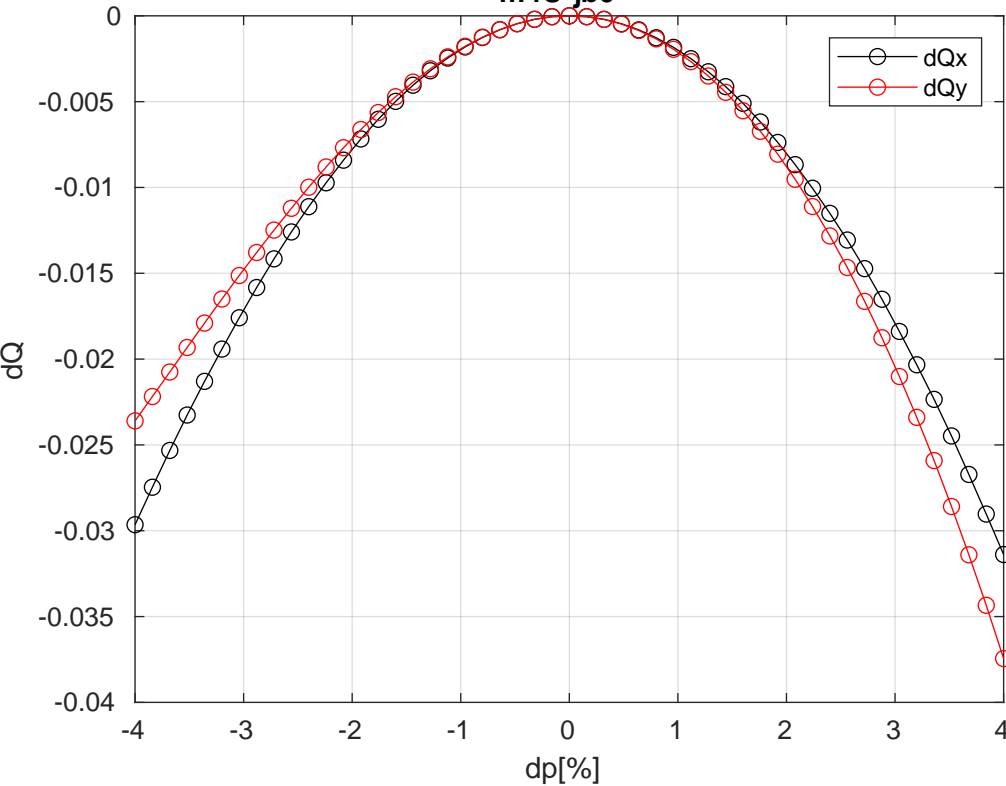
## m4U-jb0



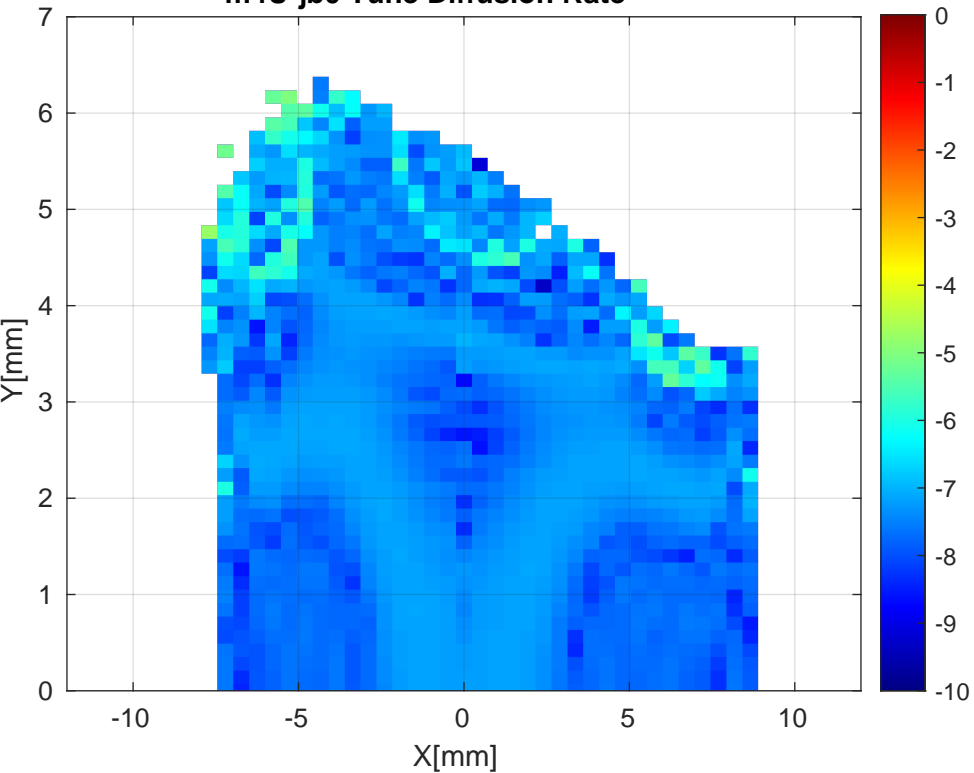
m4U-jb0



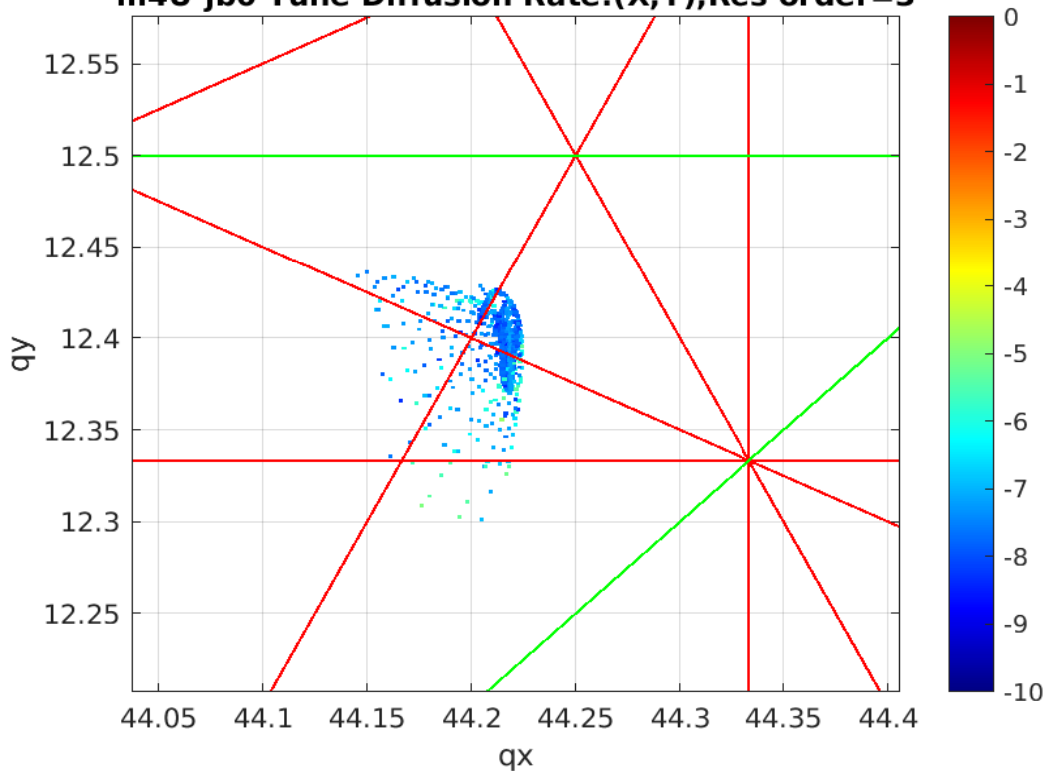
m4U-jb0



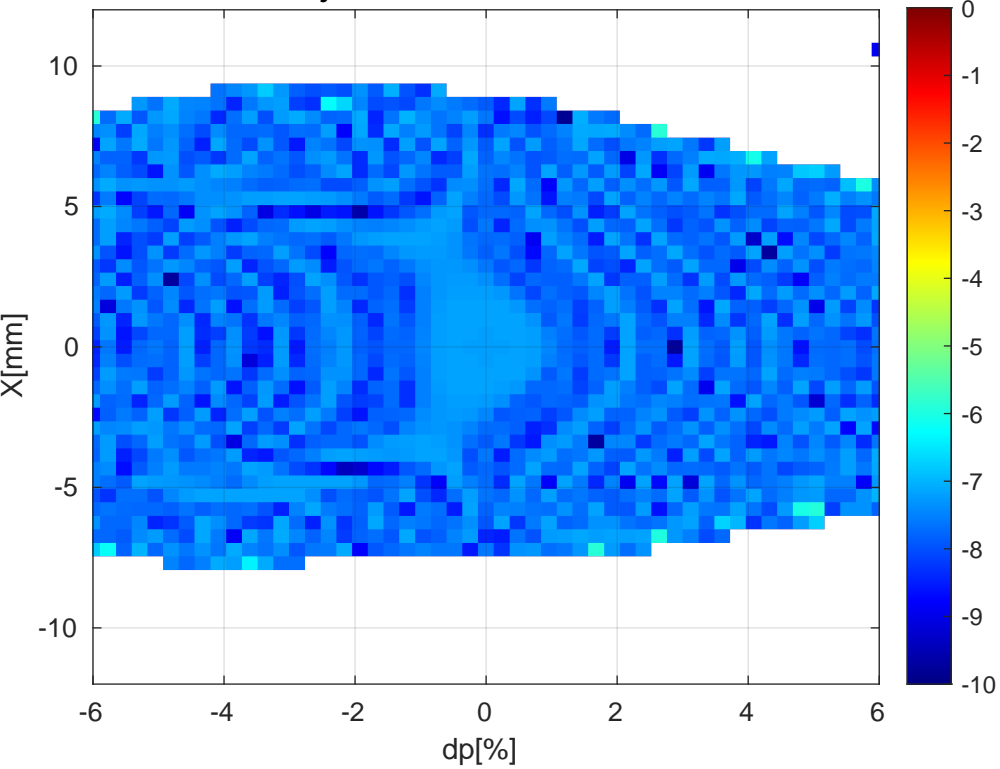
m4U-jb0 Tune Diffusion Rate



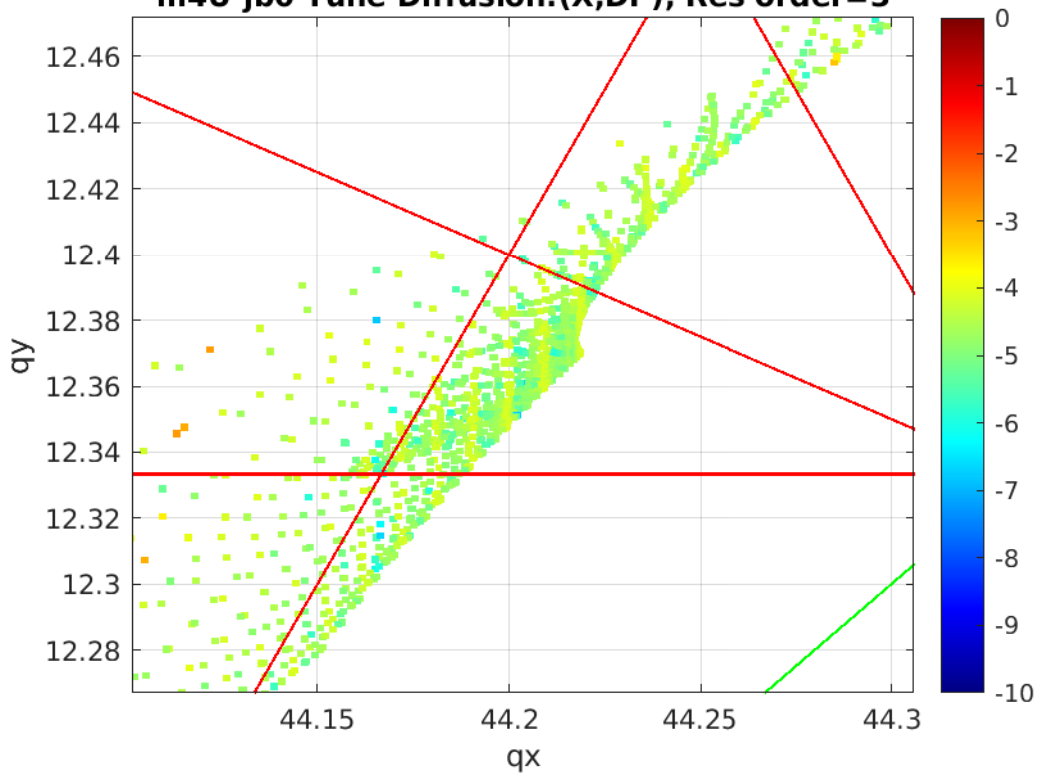
**m4U-jb0 Tune Diffusion Rate:(X,Y),Res order=3**



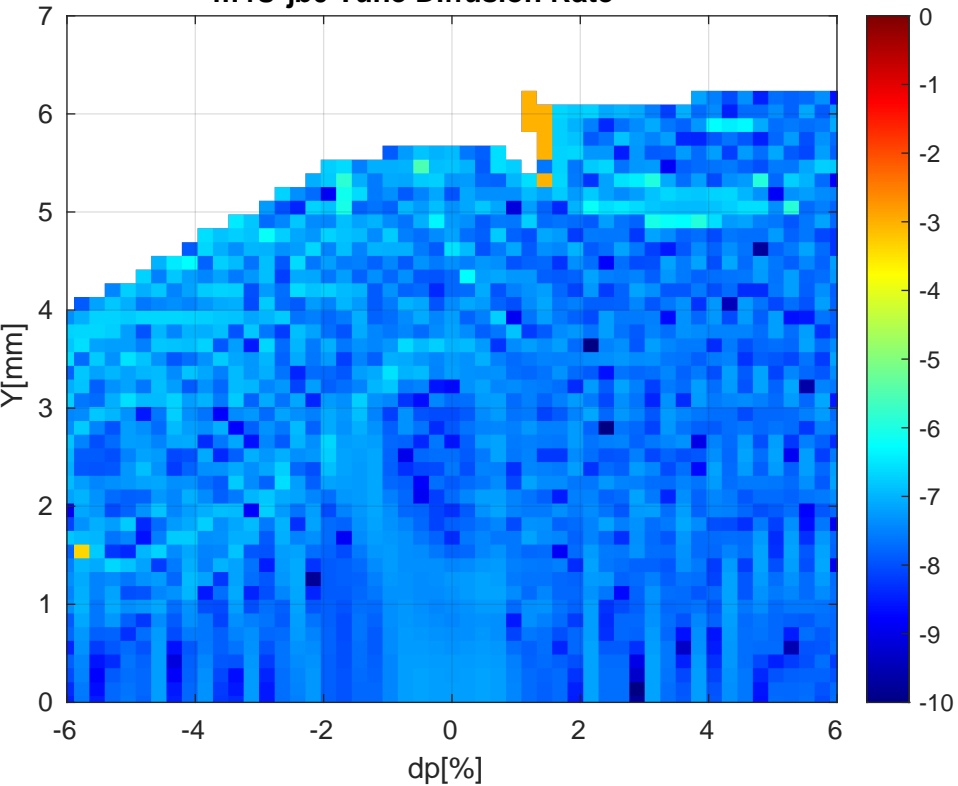
m4U-jb0 Tune Diffusion Rate



**m4U-jb0 Tune Diffusion:(X,DP), Res order=3**

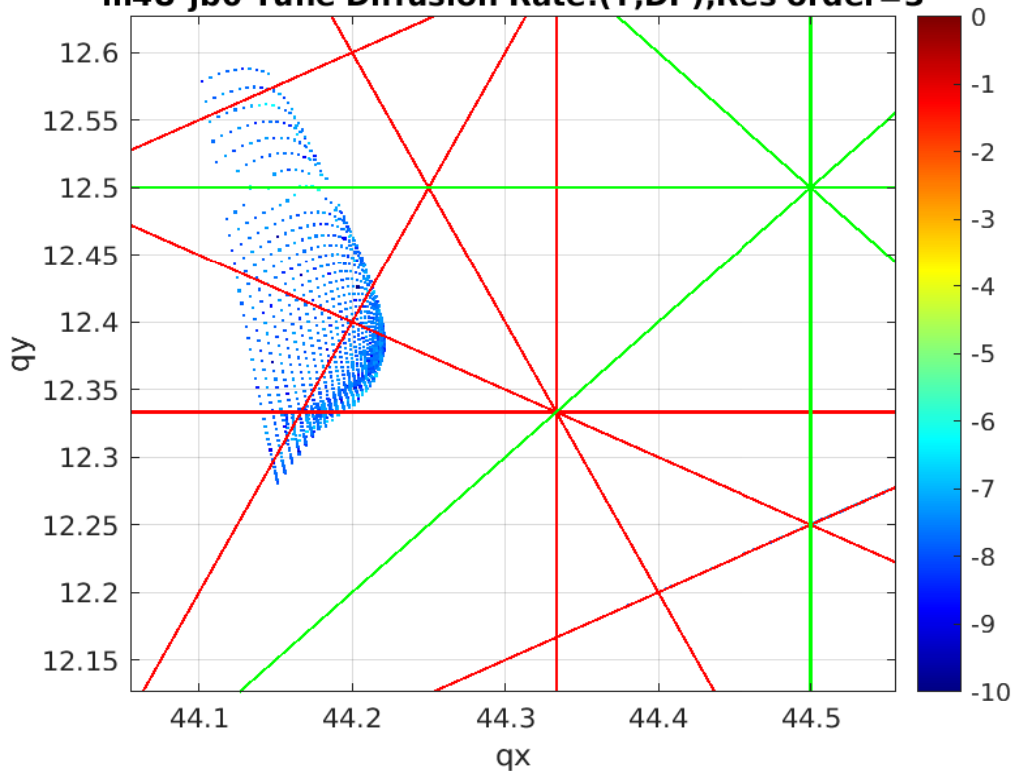


m4U-jb0 Tune Diffusion Rate

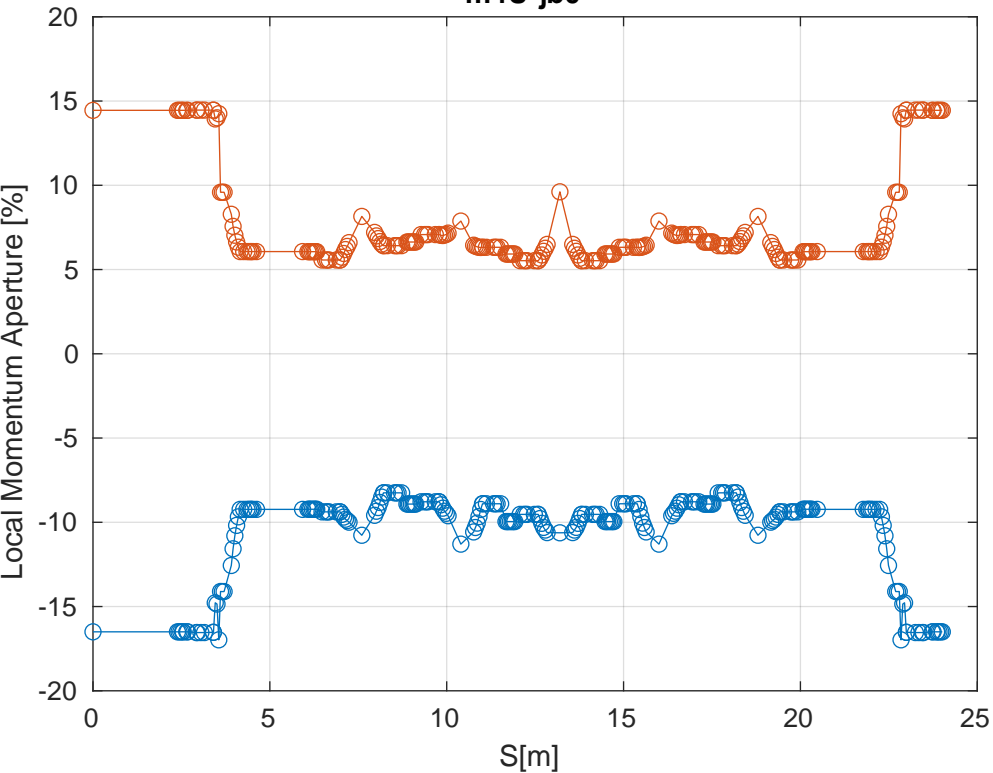




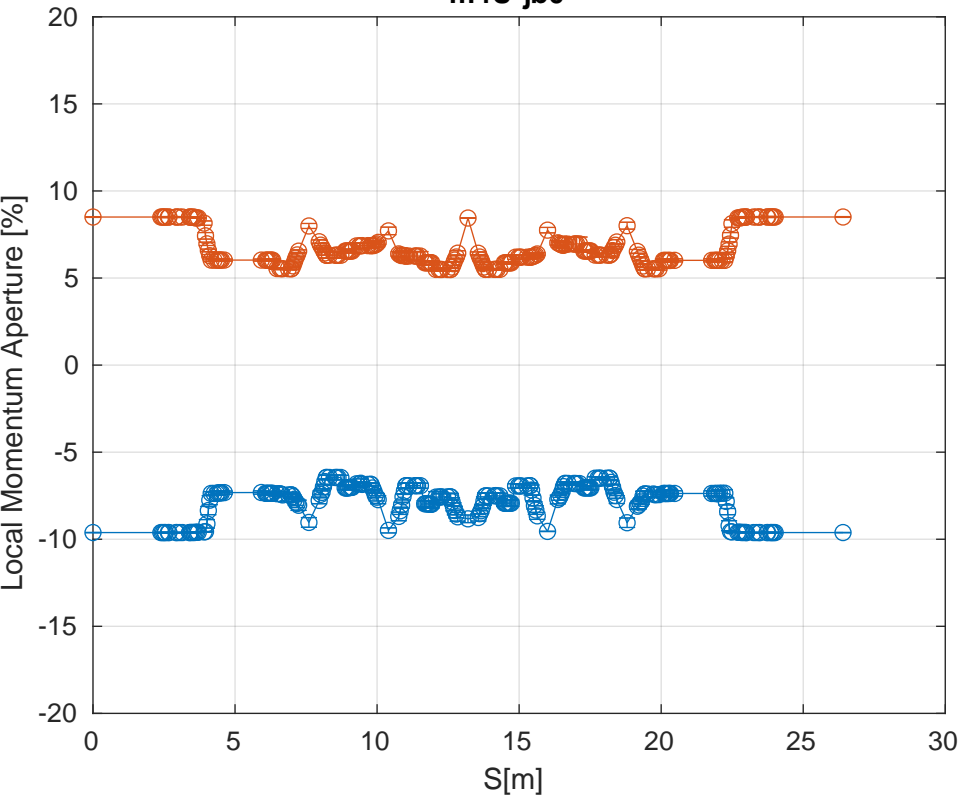
**m4U-jb0 Tune Diffusion Rate:(Y,DP),Res order=3**



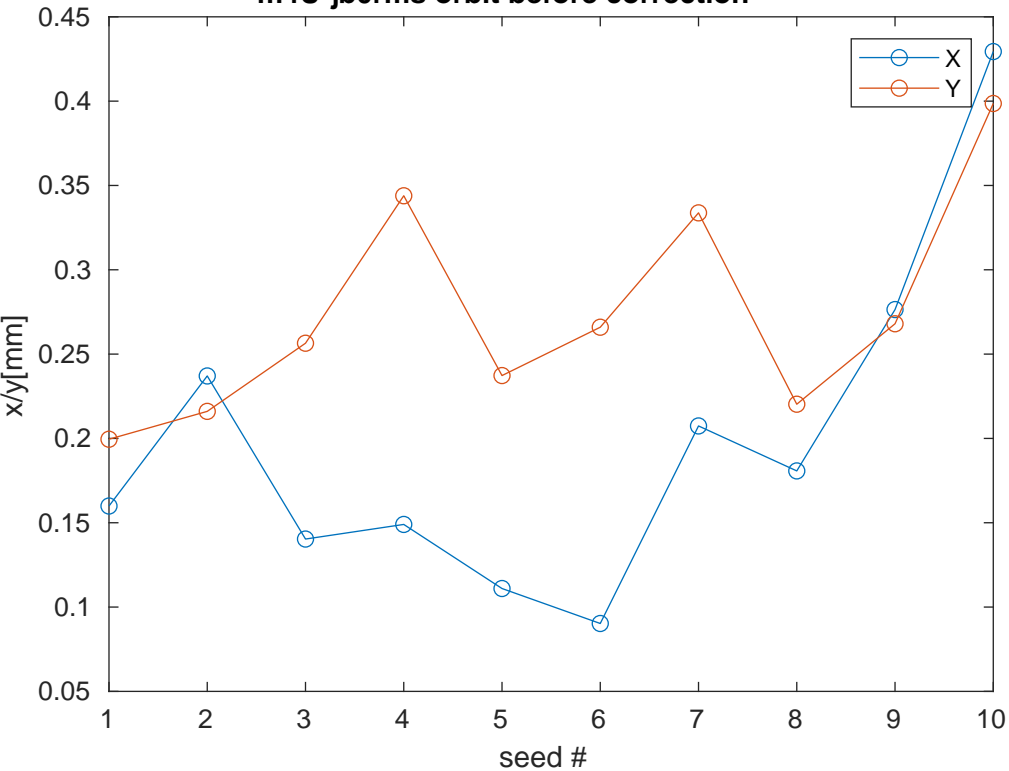
m4U-jb0

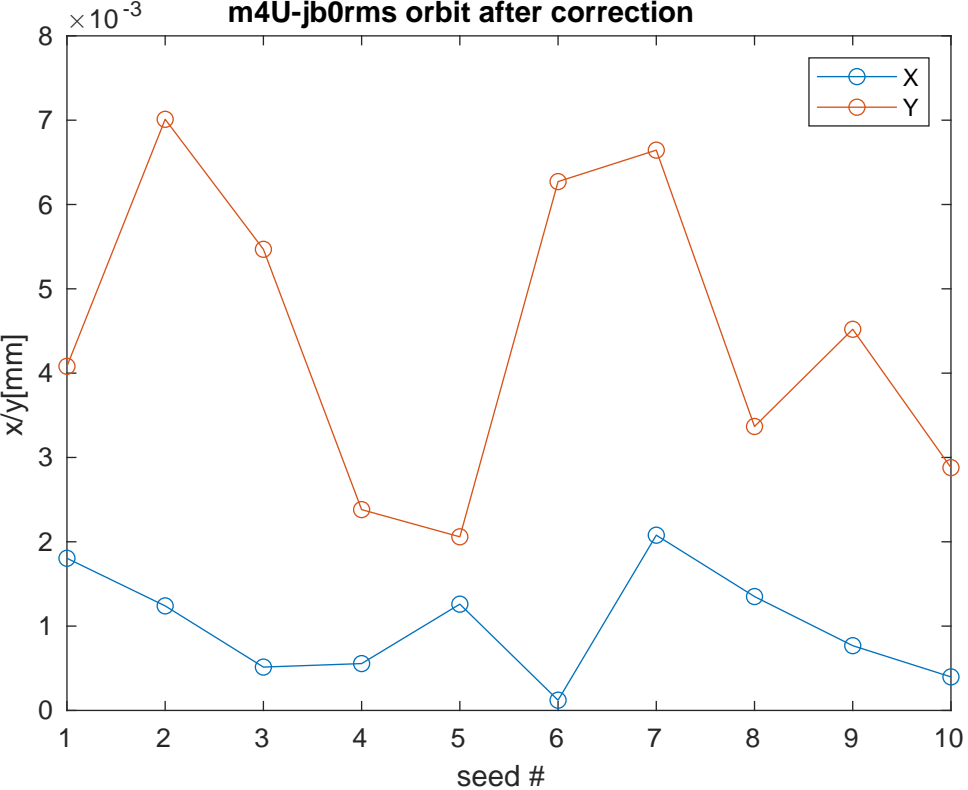


m4U-jb0

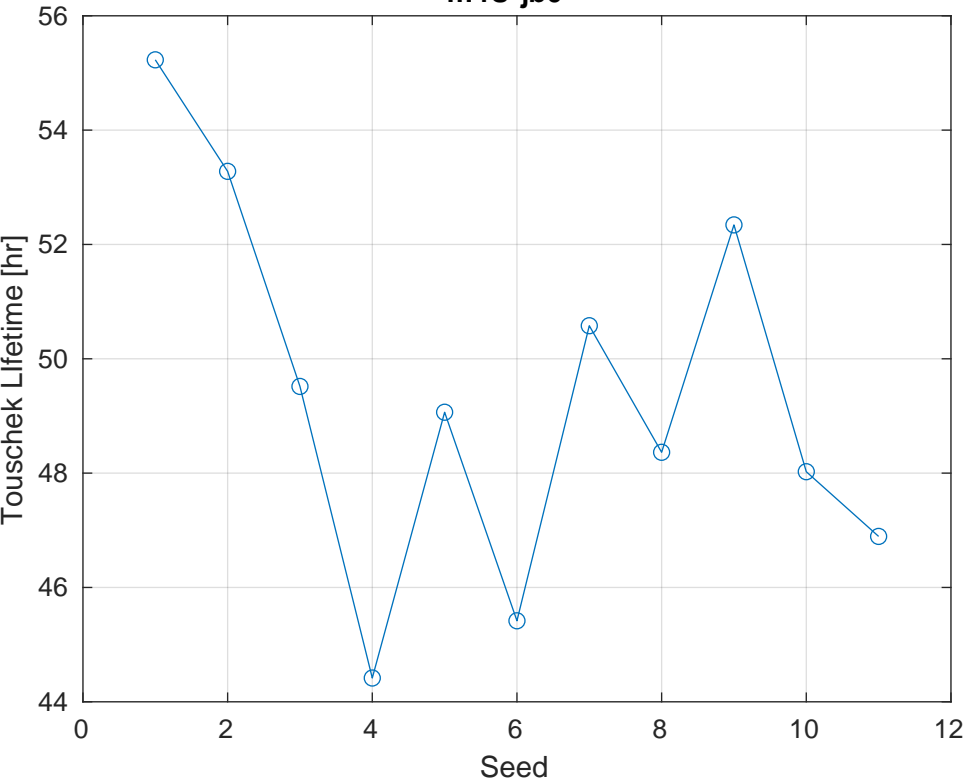


m4U-jb0rms orbit before correction

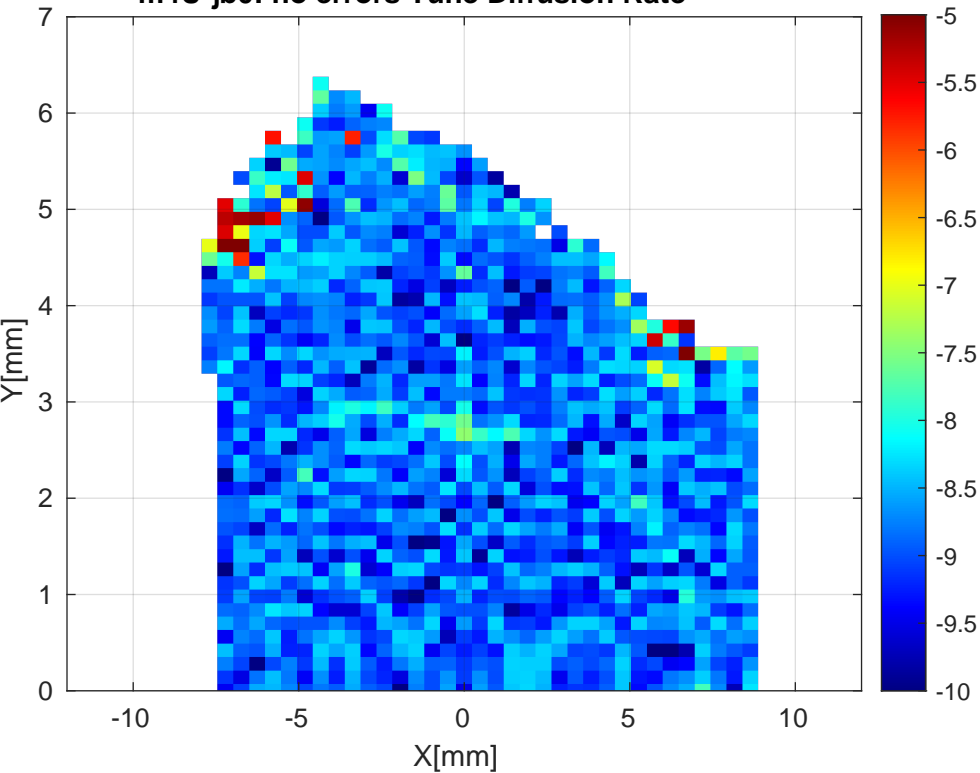




m4U-jb0



m4U-jb0: no errors Tune Diffusion Rate



m4U-jb0: with errors Tune Diffusion Rate

