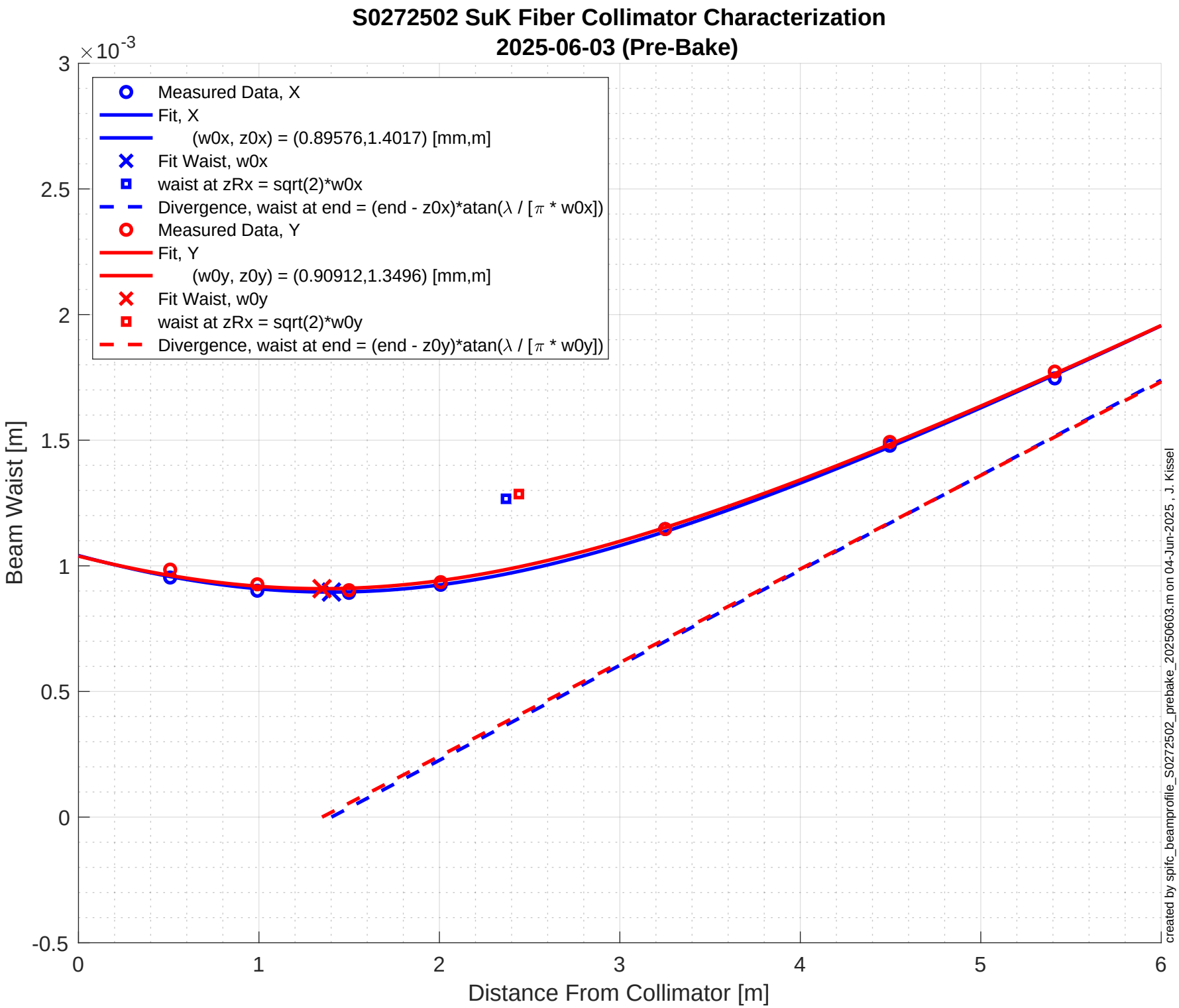
S0272502 SuK Fiber Collimator Characterization
2025-06-03 (Pre-Bake)
×10^-3
Measured Data, X
Fit, X
(w0x, z0x) = (0.89576,1.4017) [mm,m]
Fit Waist, w0x
waist at zRx = sqrt(2)*w0x
Divergence, waist at end = (end - z0x)*atan(λ / [π * w0x])
Measured Data, Y
Fit, Y
(w0y, z0y) = (0.90912,1.3496) [mm,m]
Fit Waist, w0y
waist at zRx = sqrt(2)*w0y
Divergence, waist at end = (end - z0y)*atan(λ / [π * w0y])
Beam Waist [m]
Distance From Collimator [m]
3
2.5
2
1.5
1
0.5
0
-0.5
0
1
2
3
4
5
6
created by spifc_beamprofile_S0272502_prebake_20250603.m on 04-Jun-2025 , J. Kissel