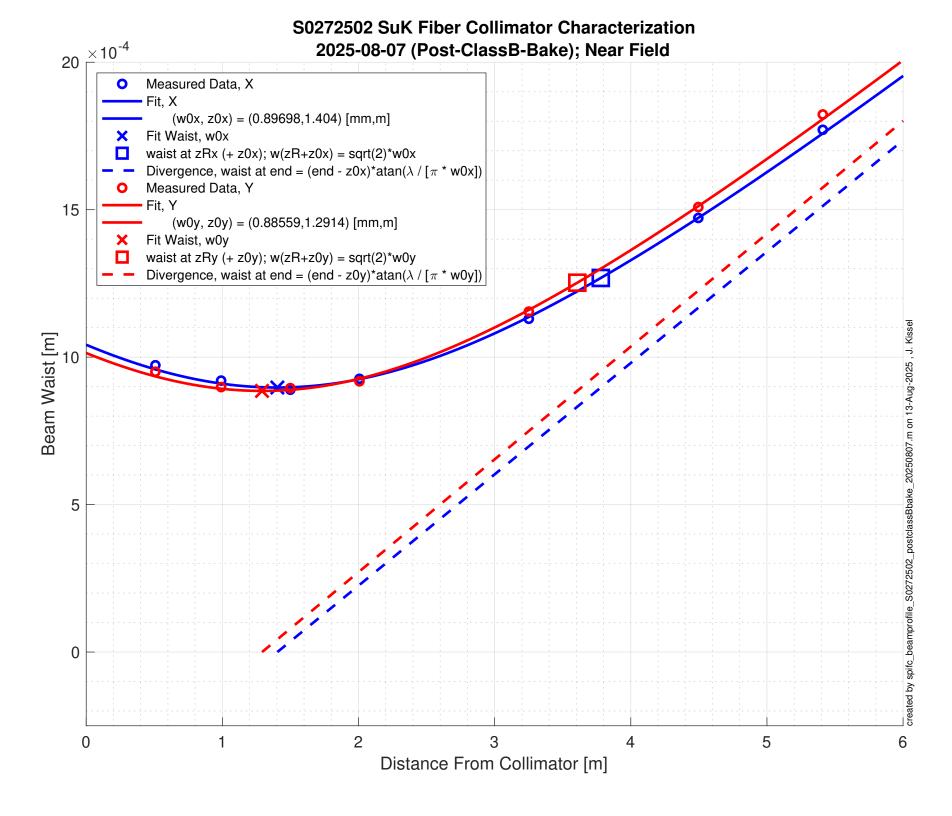


S0272502 SuK Fiber Collimator Characterization 20 × 10⁻⁴ 2025-06-03 (Pre-Bake); Near Field Measured Data, X Fit, X (w0x, z0x) = (0.90912, 1.3496) [mm, m]Fit Waist, w0x waist at zRx (+ z0x); w(zR+z0x) = sqrt(2)*w0xDivergence, waist at end = (end - z0x)*atan($\lambda / [\pi * w0x]$) Measured Data, Y Fit, Y 15 (w0y, z0y) = (0.89576, 1.4017) [mm, m]Fit Waist, w0y waist at zRy (+ z0y); w(zR+z0y) = sqrt(2)*w0yDivergence, waist at end = (end - z0y)*atan($\lambda / [\pi * w0y]$) created by spifc_beamprofile_S0272502_postclassBbake_20250807.m on 13-Aug-2025 , J. Kisse Beam Waist [m] 5 0 2 3 5 6 0 Distance From Collimator [m]

S0272502 SuK Fiber Collimator Characterization $7 \stackrel{\times}{\vdash} 10^{-3}$ 2025-06-03 (Pre-Bake); Far Field Measured Data, X Fit, X (w0x, z0x) = (0.90912, 1.3496) [mm, m]Fit Waist, w0x 6 waist at zRx (+ z0x); w(zR+z0x) = sqrt(2)*w0xDivergence, waist at end = (end - z0x)*atan($\lambda / [\pi * w0x]$) Measured Data, Y Fit, Y (w0y, z0y) = (0.89576, 1.4017) [mm, m]Fit Waist, w0y 5 waist at zRy (+ z0y); w(zR+z0y) = sqrt(2)*w0yDivergence, waist at end = (end - z0y)*atan($\lambda / [\pi * w0y]$) Beam Waist [m] 2 0 2 6 10 12 14 16 18 20 0 4 8

Distance From Collimator [m]



S0272502 SuK Fiber Collimator Characterization $7 \stackrel{\times}{\vdash} 10^{-3}$ 2025-08-07 (Post-ClassB-Bake); Far Field Measured Data, X Fit, X (w0x, z0x) = (0.89698, 1.404) [mm, m]Fit Waist, w0x 6 waist at zRx (+ z0x); w(zR+z0x) = sqrt(2)*w0xDivergence, waist at end = (end - z0x)*atan($\lambda / [\pi * w0x]$) Measured Data, Y Fit, Y (w0y, z0y) = (0.88559, 1.2914) [mm,m] Fit Waist, w0y 5 waist at zRy (+ z0y); w(zR+z0y) = sqrt(2)*w0yDivergence, waist at end = (end - z0y)*atan($\lambda / [\pi * w0y]$) Beam Waist [m] 2 0 2 6 8 10 12 14 16 18 20 0 4

Distance From Collimator [m]