

1 image = 36 tiles

1 tile = 16 subpixel acquisitions

1 acquisition (1.06 s) = 16384 frames (each 65 μ s)

1 frame (65 μ s) = gate-on period (16 μ s) + gate-off period (49 μ s)

Gate on

Gate off (cooling)

1 gate-on period (16 μ s) = 40 refolding windows (each 399 ns)

1 window (399 ns) = 1024 time bins (each 389.9 ps)

(8 laser pulses per window)