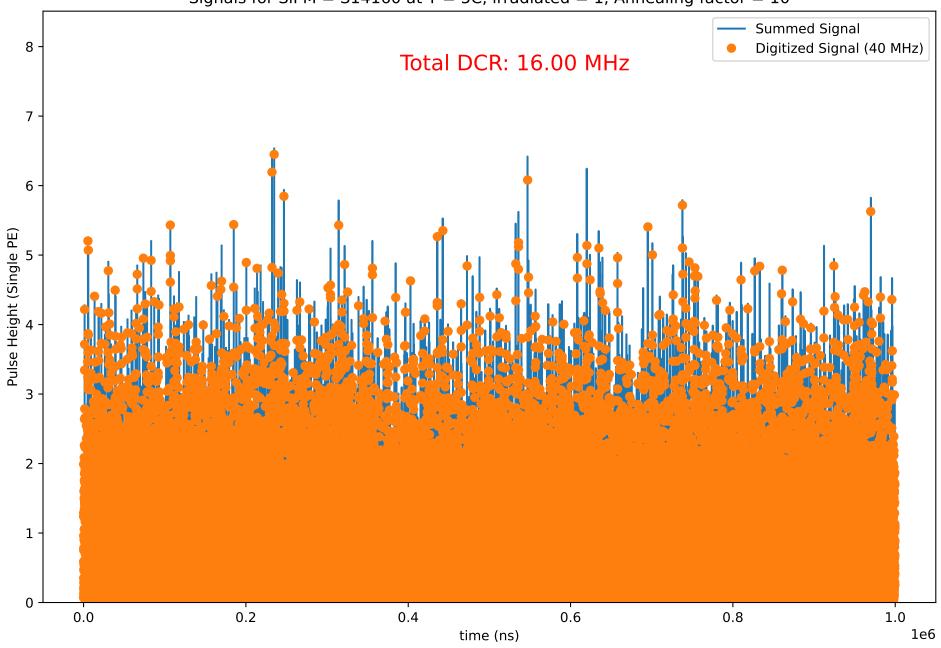
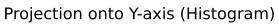
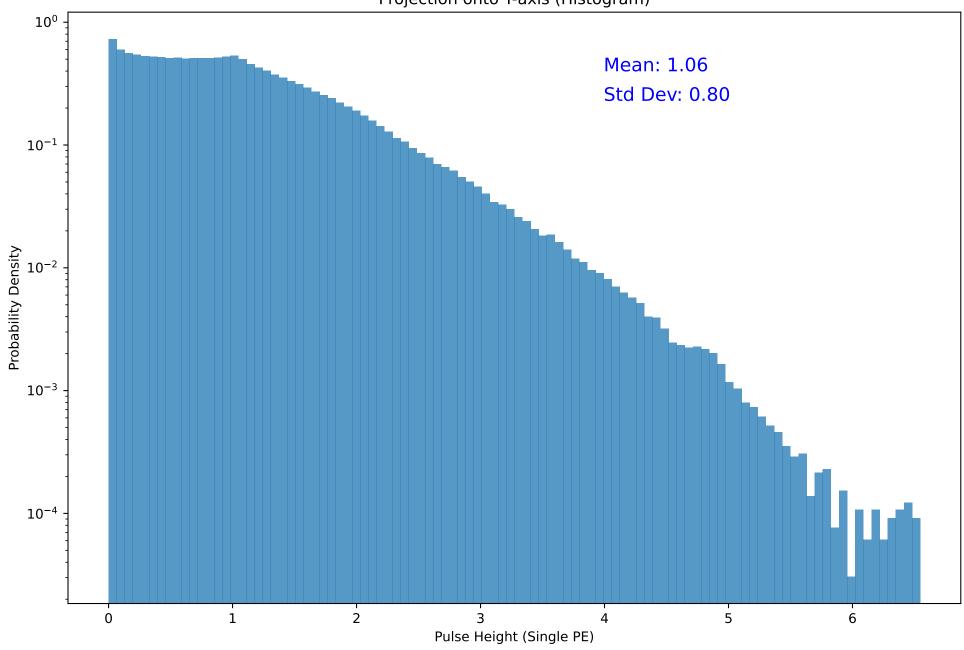


Signals for SiPM = S14160 at T = 5C, irradiated = 1, Annealing factor = 10







Data Rate vs Threshold for SiPM = S14160 at T = 5C, irradiated = 1, Annealing factor = 10, 20 channels Max Data Rate (2.56 Gbps) 10^{4} Data Rate Min. Threshold for Data Rate: 3.5 p.e. 10^{3} 10^{2} Data Rate (Mbps) 10^{1} 10⁰ 10^{-1} 10^{-2} 10⁻³ 15 5 10 20 25 30

Threshold (p.e.)

Noise Hit Rate vs Threshold for SiPM = S14160 at T = SC, irradiated = 1, Annealing factor = SC0, channels 10^{4} Noise Hit Rate (KHz) 10^{2} 10 15 5 20 25 30 Threshold (p.e.)