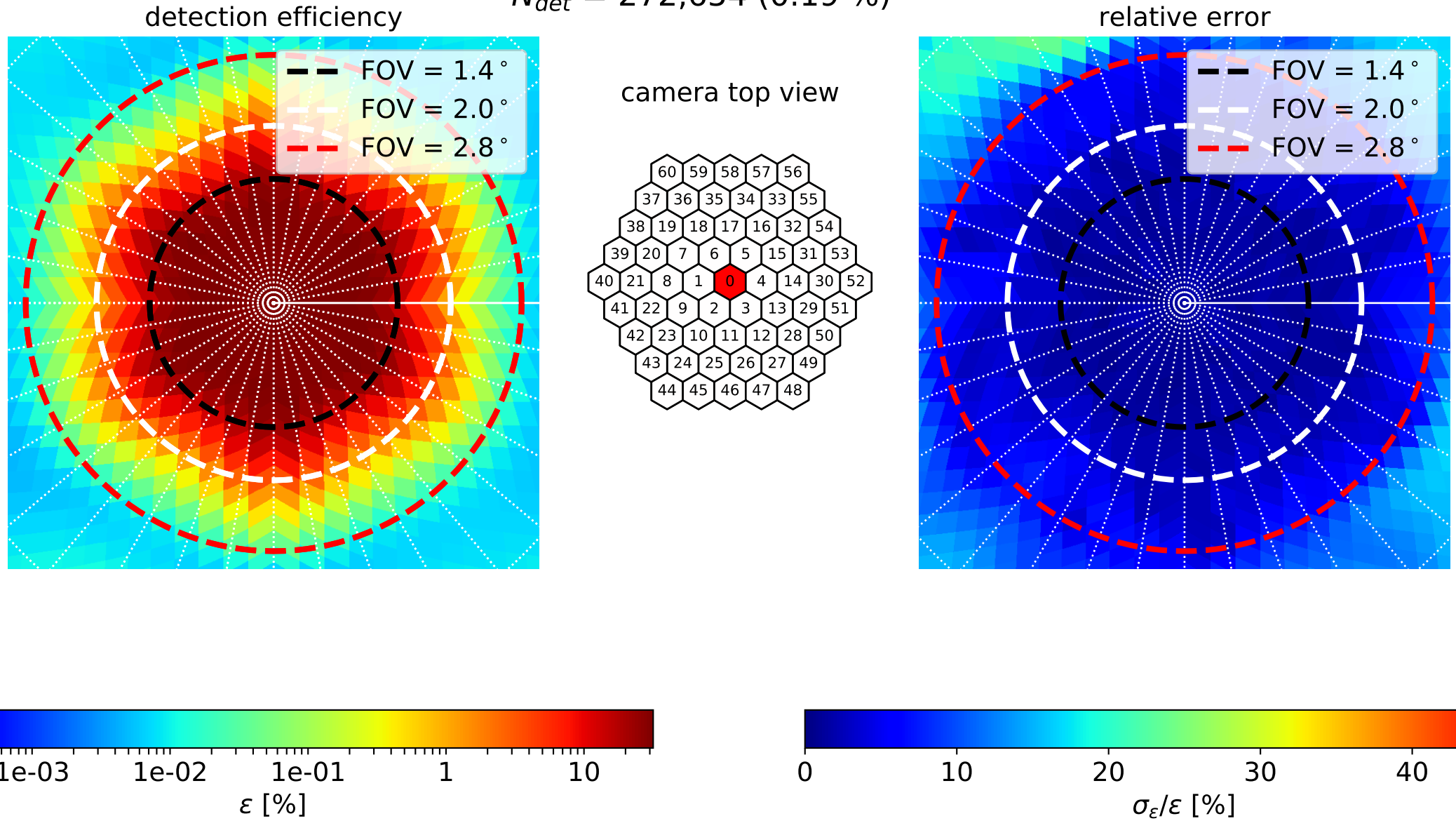$\Delta\lambda$ = [407 nm, 419 nm]
N_{tot} = 142,841,512
N_{det} = 272,654 (0.19 %)