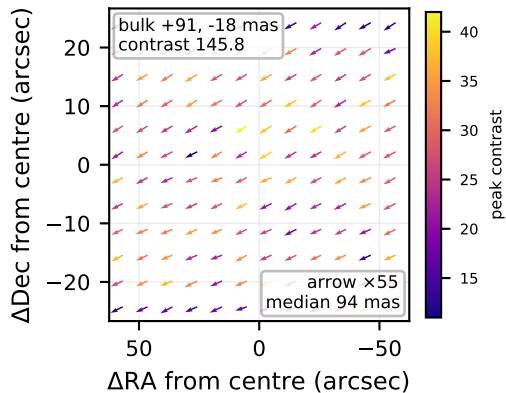
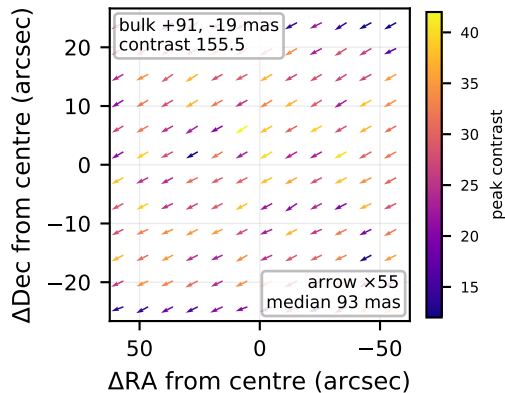


sickle: absolute astrometry vs pipeline_based_nircam-f210m_reference_astrometric_catalog.fits

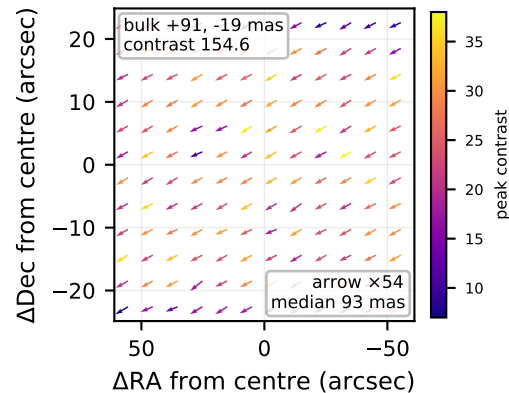
F187N



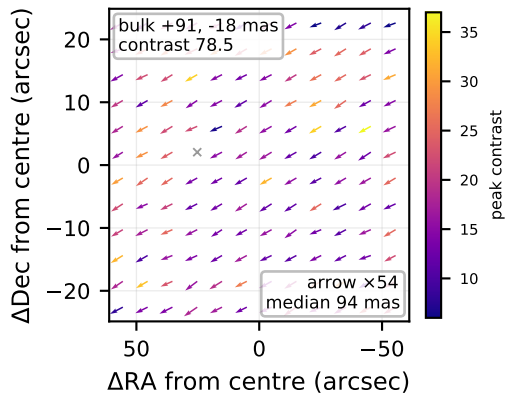
F210M



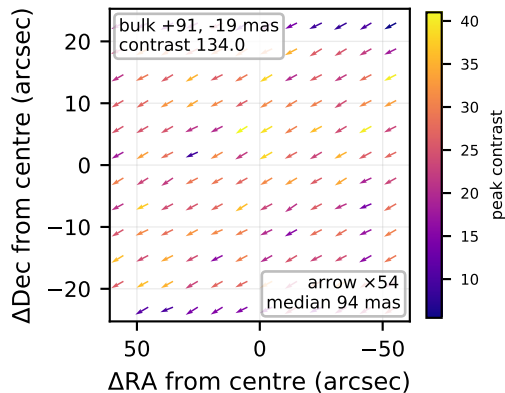
F335M



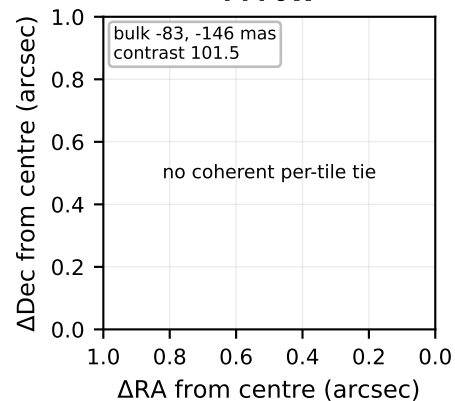
F470N



F480M



F770W



bulk tie per filter

