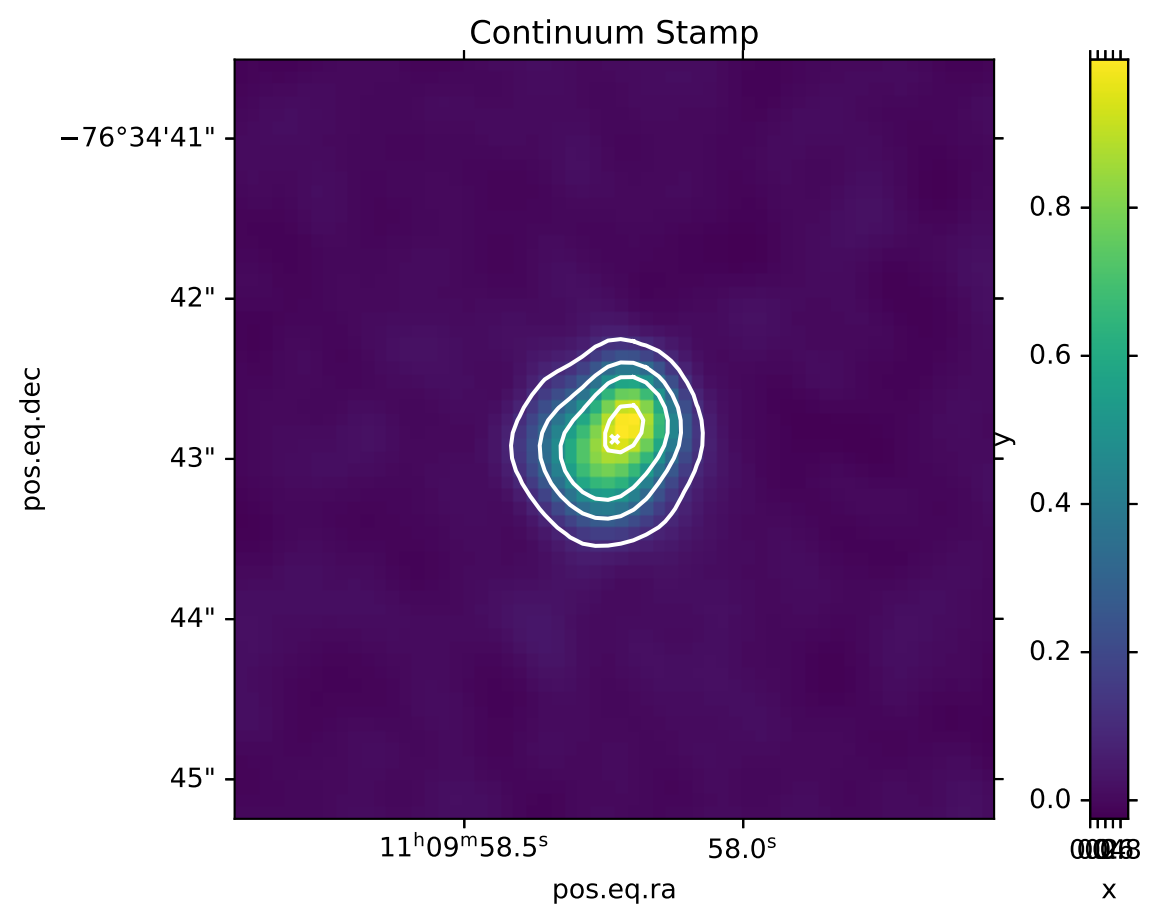
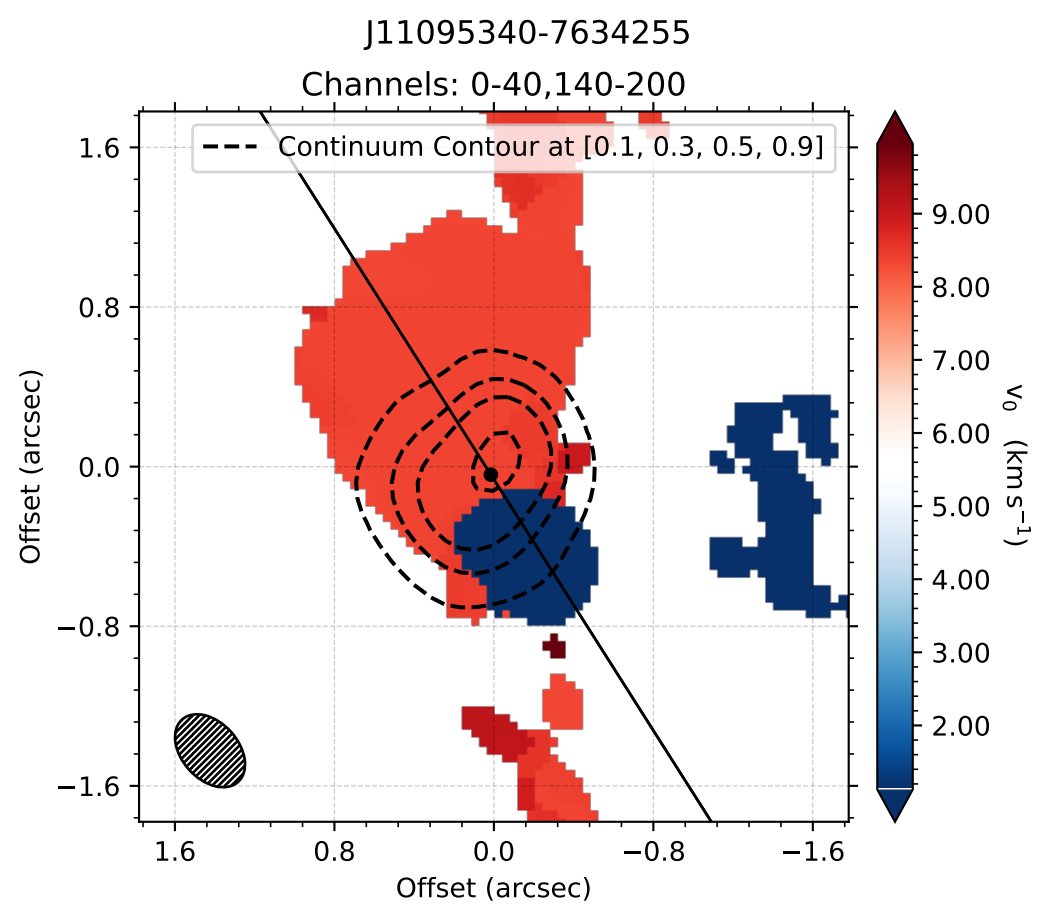
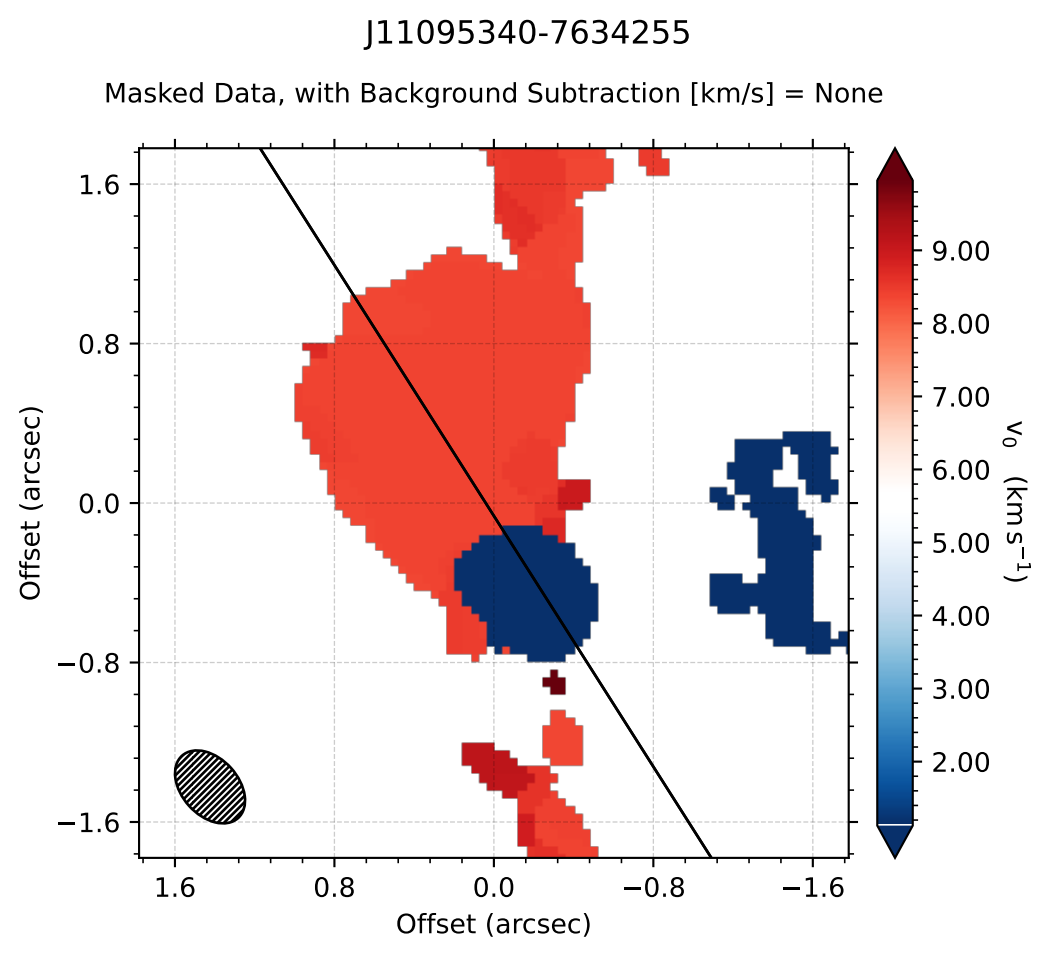
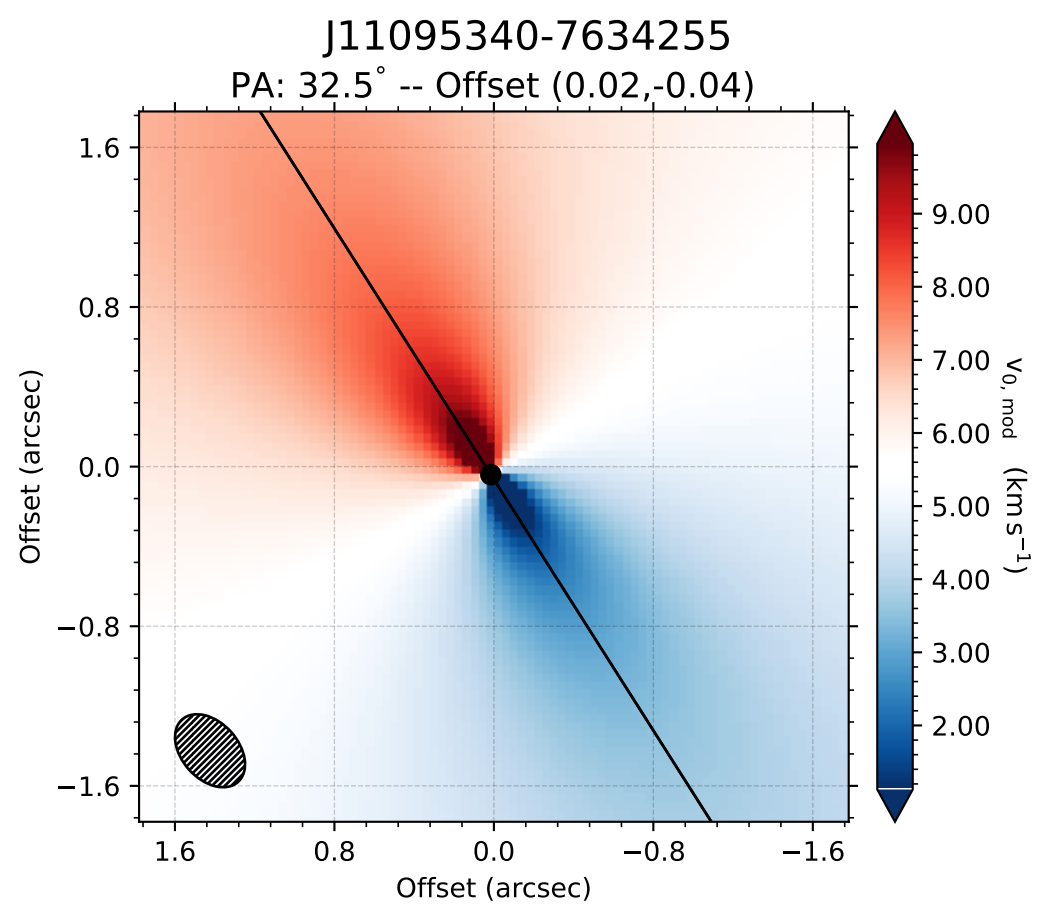
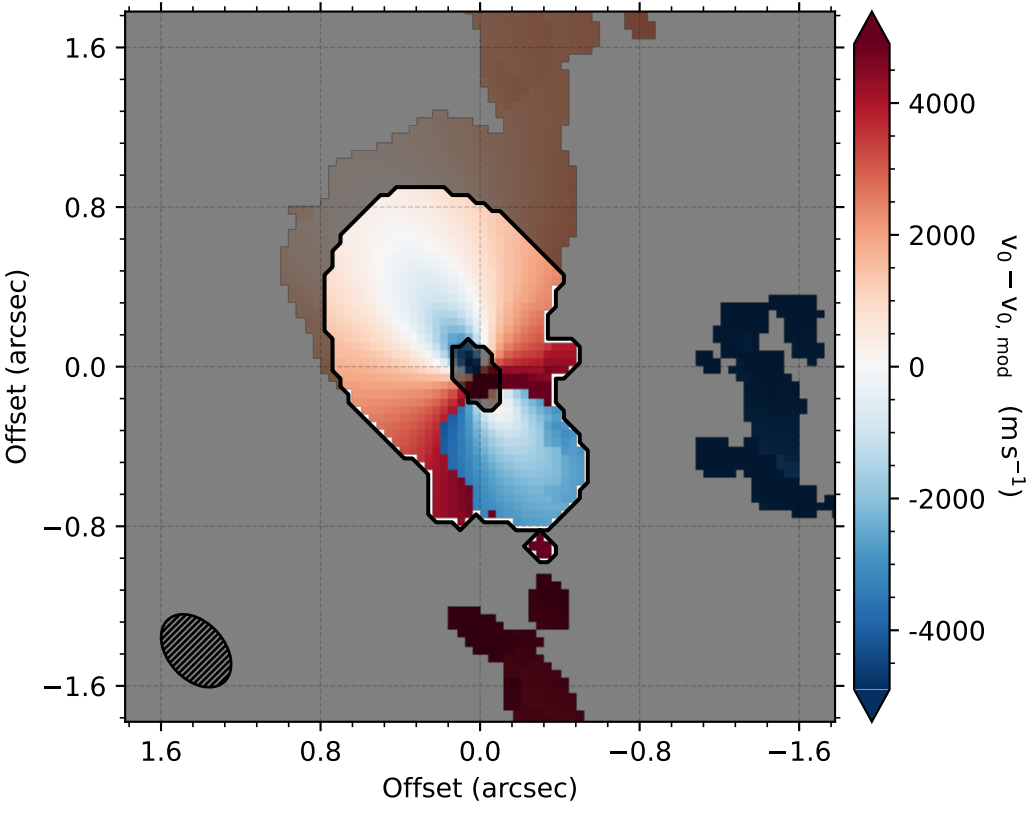
J11095340-7634255, CO

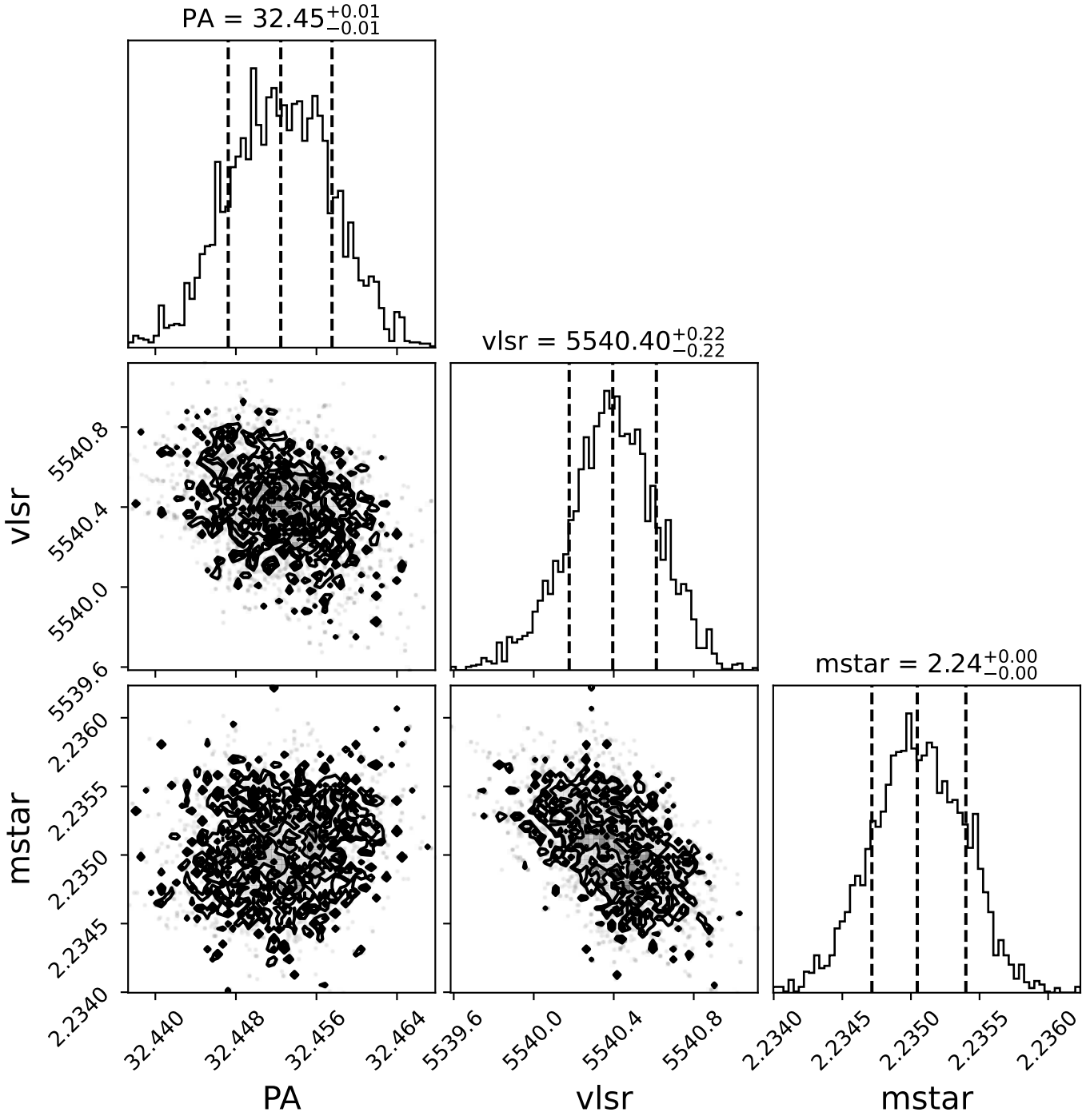

Continuum Stamp
−76°34'41"
42"
43"
44"
45"
pos.eq.dec
11h09m58.5s
58.0s
pos.eq.ra
y
x
0.0
0.2
0.4
0.6
0.8


J11095340-7634255
Channels: 0-40,140-200
Continuum Contour at [0.1, 0.3, 0.5, 0.9]
Offset (arcsec)
Offset (arcsec)
1.6
0.8
0.0
−0.8
−1.6
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
v_0 (km s^{-1})


J11095340-7634255
Masked Data, with Background Subtraction [km/s] = None
1.6
0.8
0.0
−0.8
−1.6
Offset (arcsec)
1.6
0.8
0.0
−0.8
−1.6
Offset (arcsec)
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
v_0 (km s^{-1})


J11095340-7634255
PA: 32.5° -- Offset (0.02,-0.04)
Offset (arcsec)
Offset (arcsec)
1.6
0.8
0.0
−0.8
−1.6
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
$v_{0,\,mod}$ (km s^{-1})


1.6
0.8
0.0
−0.8
−1.6
Offset (arcsec)
1.6
0.8
0.0
−0.8
−1.6
Offset (arcsec)
4000
2000
0
-2000
-4000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 32.45$^{+0.01}_{-0.01}$
vlsr = 5540.40$^{+0.22}_{-0.22}$
mstar = 2.24$^{+0.00}_{-0.00}$
PA
vlsr
mstar
32.440
32.448
32.456
32.464
5539.6
5540.0
5540.4
5540.8
2.2340
2.2345
2.2350
2.2355
2.2360

Name: J11095340-7634255

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI/J11095340-7634255_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 40, 140, 200)

X-pos: 167.471792

Y-pos: -76.57375

X-offset: 0.02

Y-offset: -0.04

Literature PA: 134.18

Eddy PA: 32.45

Literature Mass [M]: 0.65

Eddy Mass [M]: 2.24

DECO Dict vsys [km/s]: 5.2

Eddy vlsr [m/s]: 5.54

Literature Inc: 51.26

Eddy Inc: --

Literature Distance [Mpc]: 191.0

Eddy rmin, rmax ["]: (0.2, 1)

Eddy params (nwalkers, nburn, nsteps): (10, 800, 500)

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD