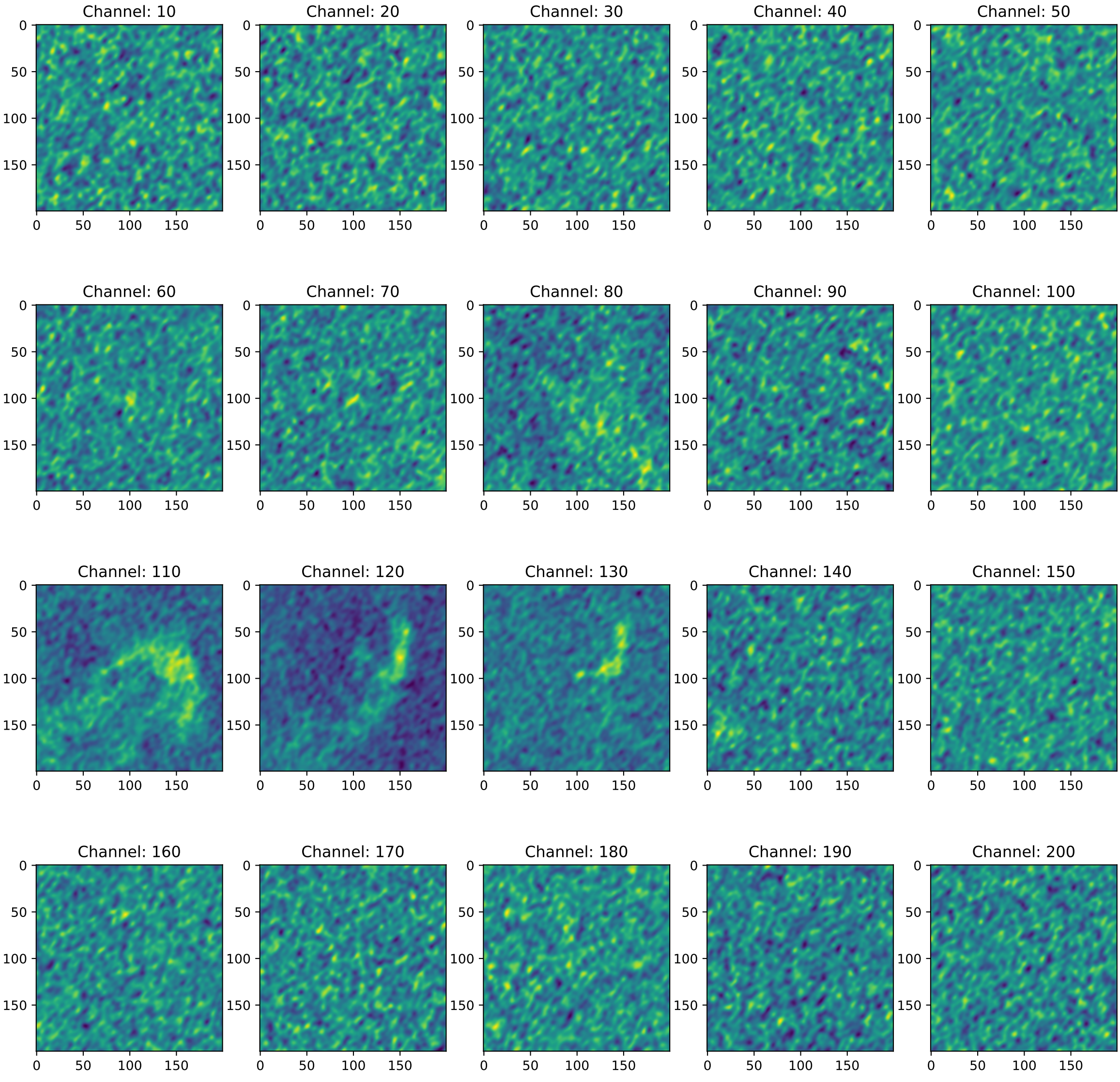
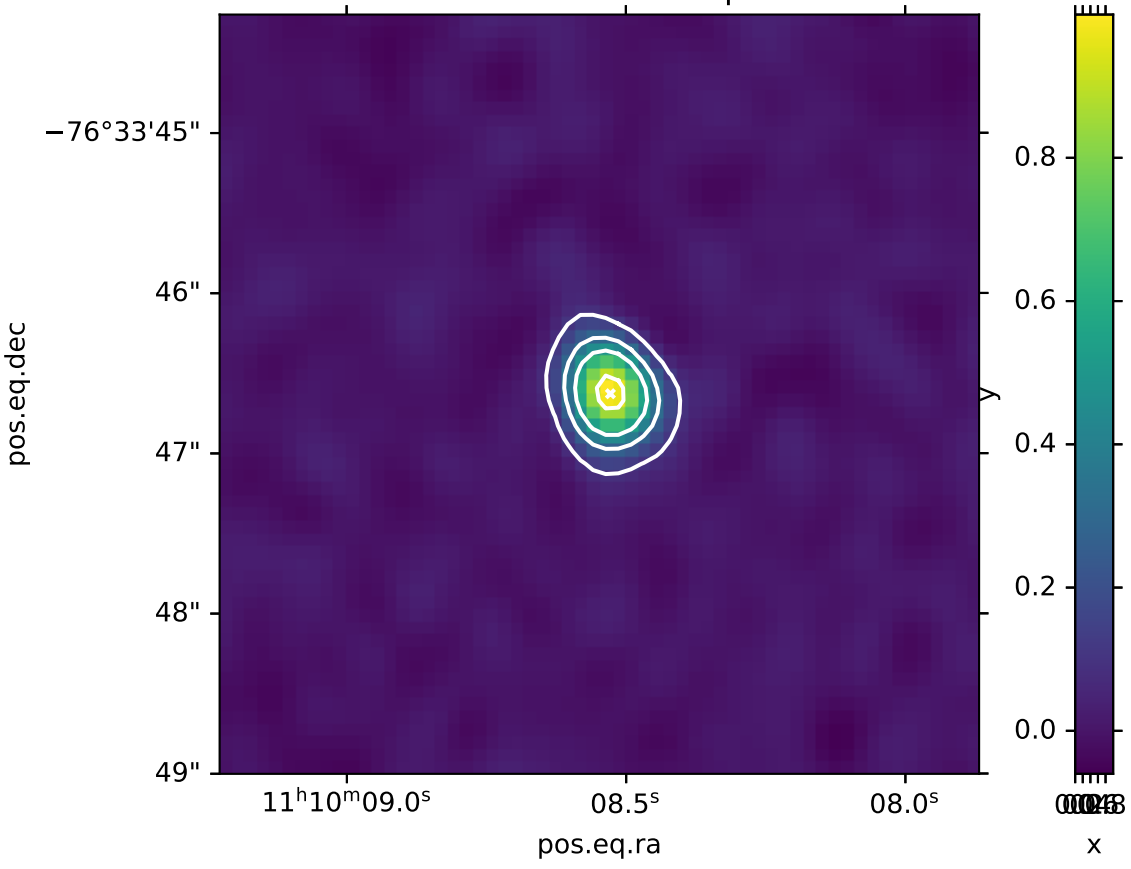
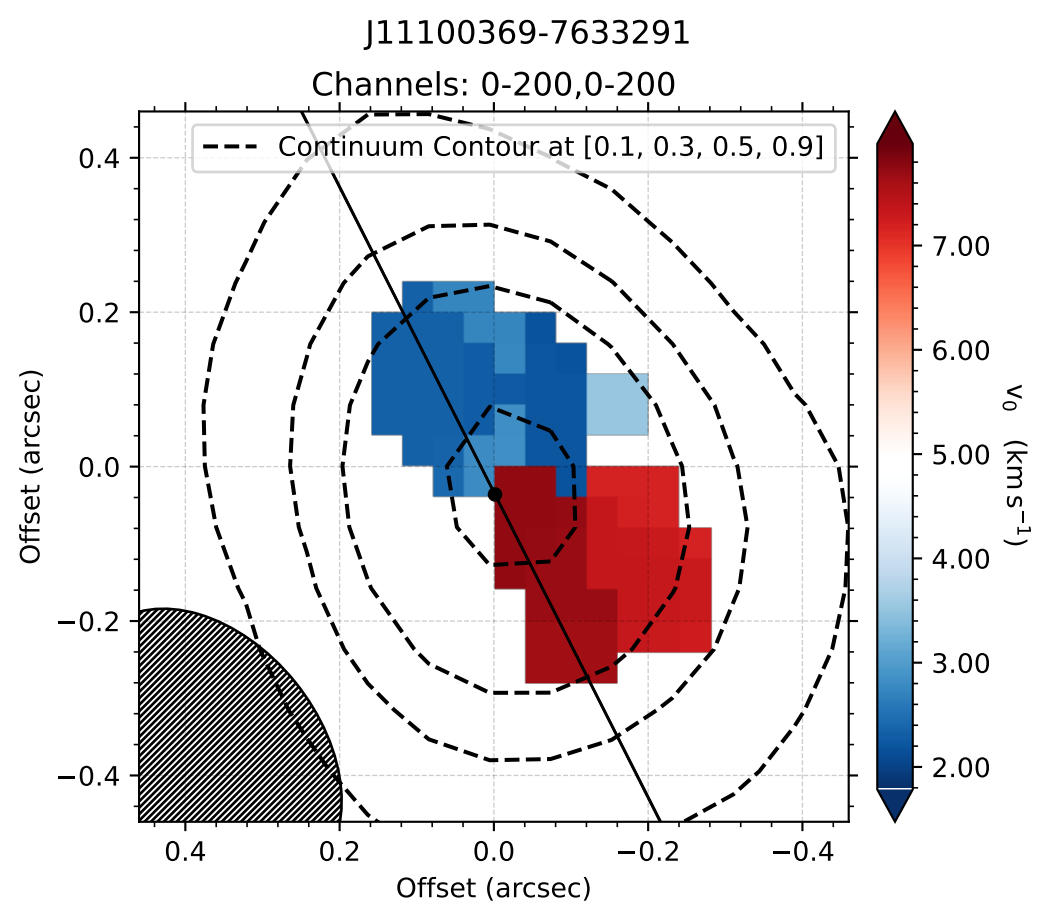
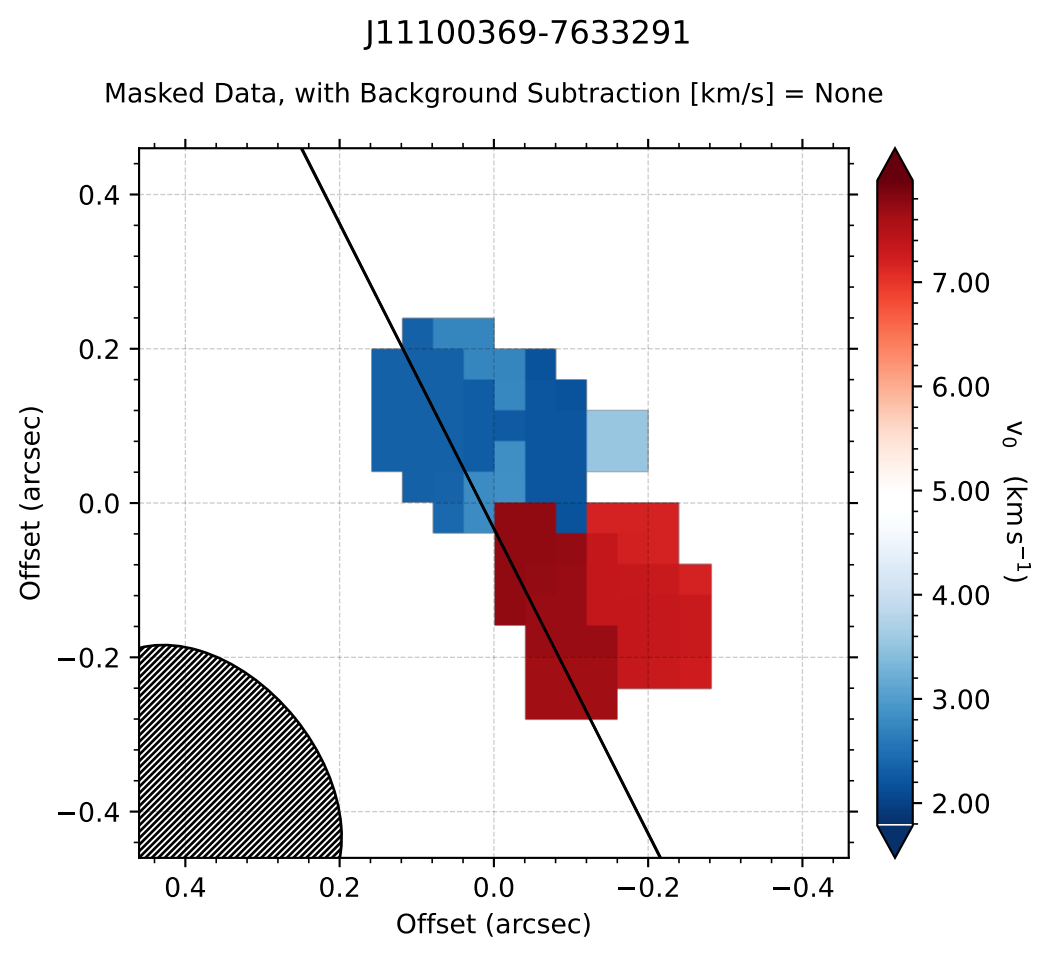
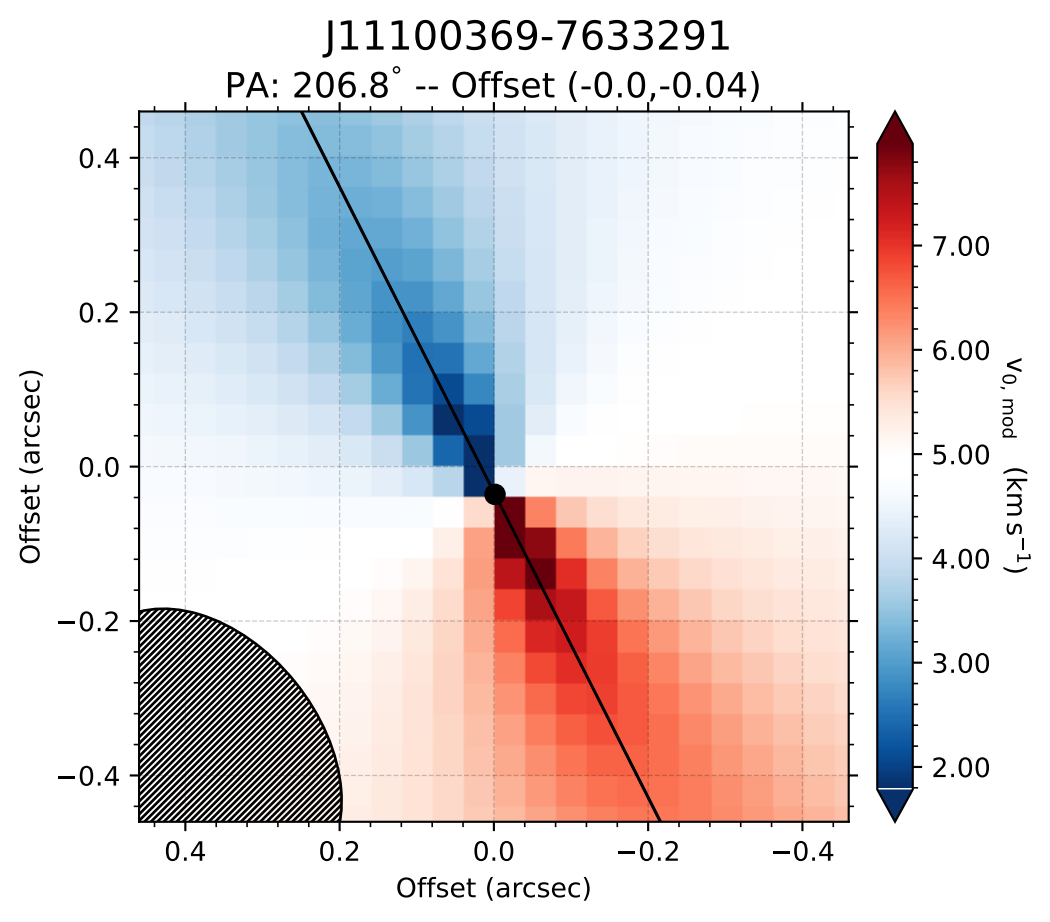
J11100369-7633291, CO

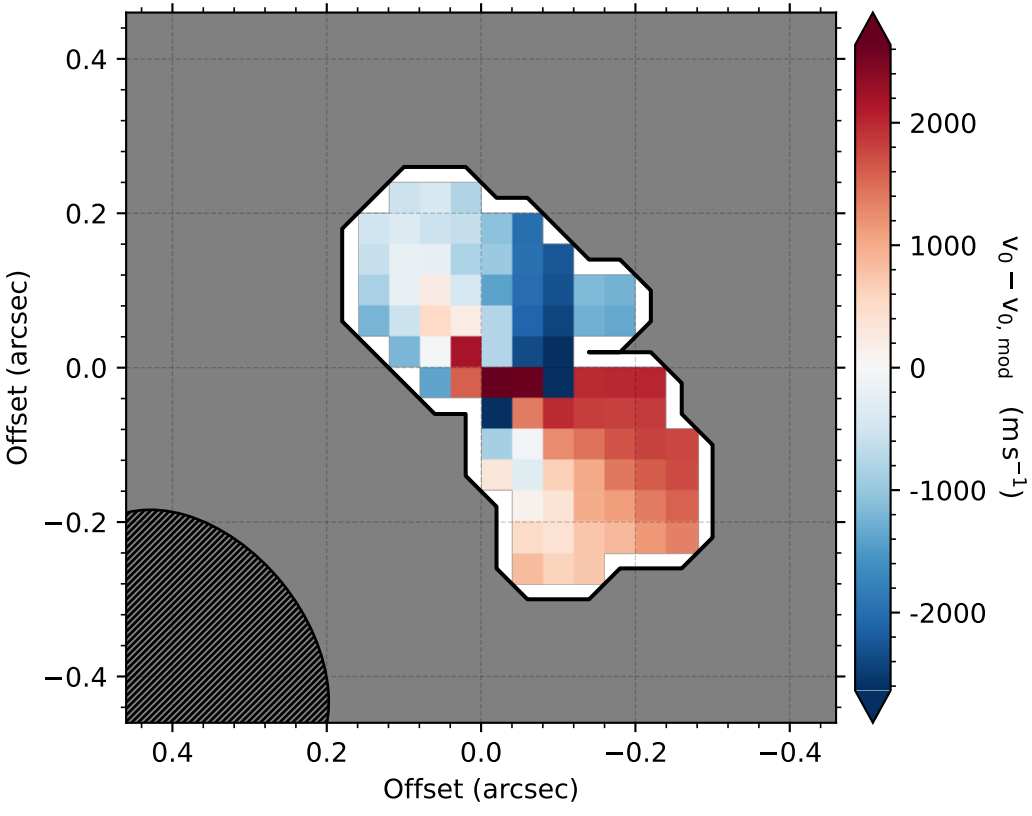


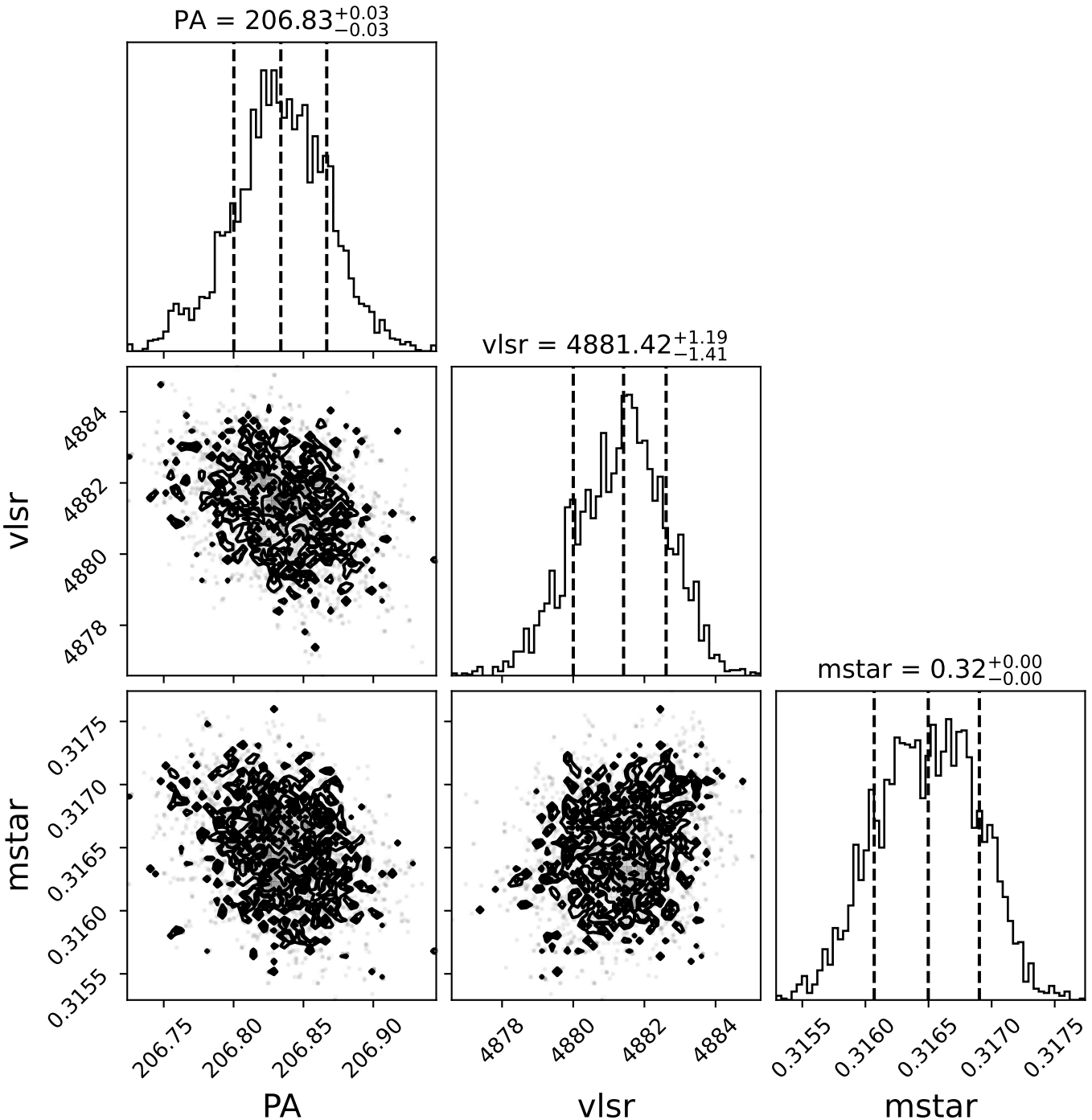

Continuum Stamp
−76°33'45"
46"
47"
48"
49"
pos.eq.dec
11h10m09.0s
08.5s
08.0s
pos.eq.ra
y
x
0.8
0.6
0.4
0.2
0.0


J11100369-7633291
Channels: 0-200,0-200
Continuum Contour at [0.1, 0.3, 0.5, 0.9]
Offset (arcsec)
Offset (arcsec)
0.4
0.2
0.0
−0.2
−0.4
7.00
6.00
5.00
4.00
3.00
2.00
$v_0$ (km s$^{-1}$)


J11100369-7633291
Masked Data, with Background Subtraction [km/s] = None
Offset (arcsec)
Offset (arcsec)
0.4
0.2
0.0
−0.2
−0.4
7.00
6.00
5.00
4.00
3.00
2.00
$v_0$ (km s$^{-1}$)


J11100369-7633291
PA: 206.8° -- Offset (-0.0,-0.04)
Offset (arcsec)
Offset (arcsec)
0.4
0.2
0.0
−0.2
−0.4
7.00
6.00
5.00
4.00
3.00
2.00
$v_{0,\,mod}$ (km s$^{-1}$)


0.4
0.2
0.0
−0.2
−0.4
Offset (arcsec)
0.4
0.2
0.0
−0.2
−0.4
Offset (arcsec)
2000
1000
0
-1000
-2000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s$^{-1}$)


PA = 206.83$^{+0.03}_{-0.03}$
vlsr = 4881.42$^{+1.19}_{-1.41}$
mstar = 0.32$^{+0.00}_{-0.00}$
PA
vlsr
mstar
206.75
206.80
206.85
206.90
4878
4880
4882
4884
0.3155
0.3160
0.3165
0.3170
0.3175

Name: J11100369-7633291

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI/J11100369-7633291_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 200, 0, 200)

X-pos: 167.514785

Y-pos: -76.558125

X-offset: -0.0

Y-offset: -0.04

Literature PA: 131.01

Eddy PA: 206.83

Literature Mass [M]: 0.646

Eddy Mass [M]: 0.32

DECO Dict vsys [km/s]: 5.0

Eddy vlsr [m/s]: 4.88

Literature Inc: 64.77

Eddy Inc: --

Literature Distance [Mpc]: 195.75

Eddy rmin, rmax ["]: (None, None)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD