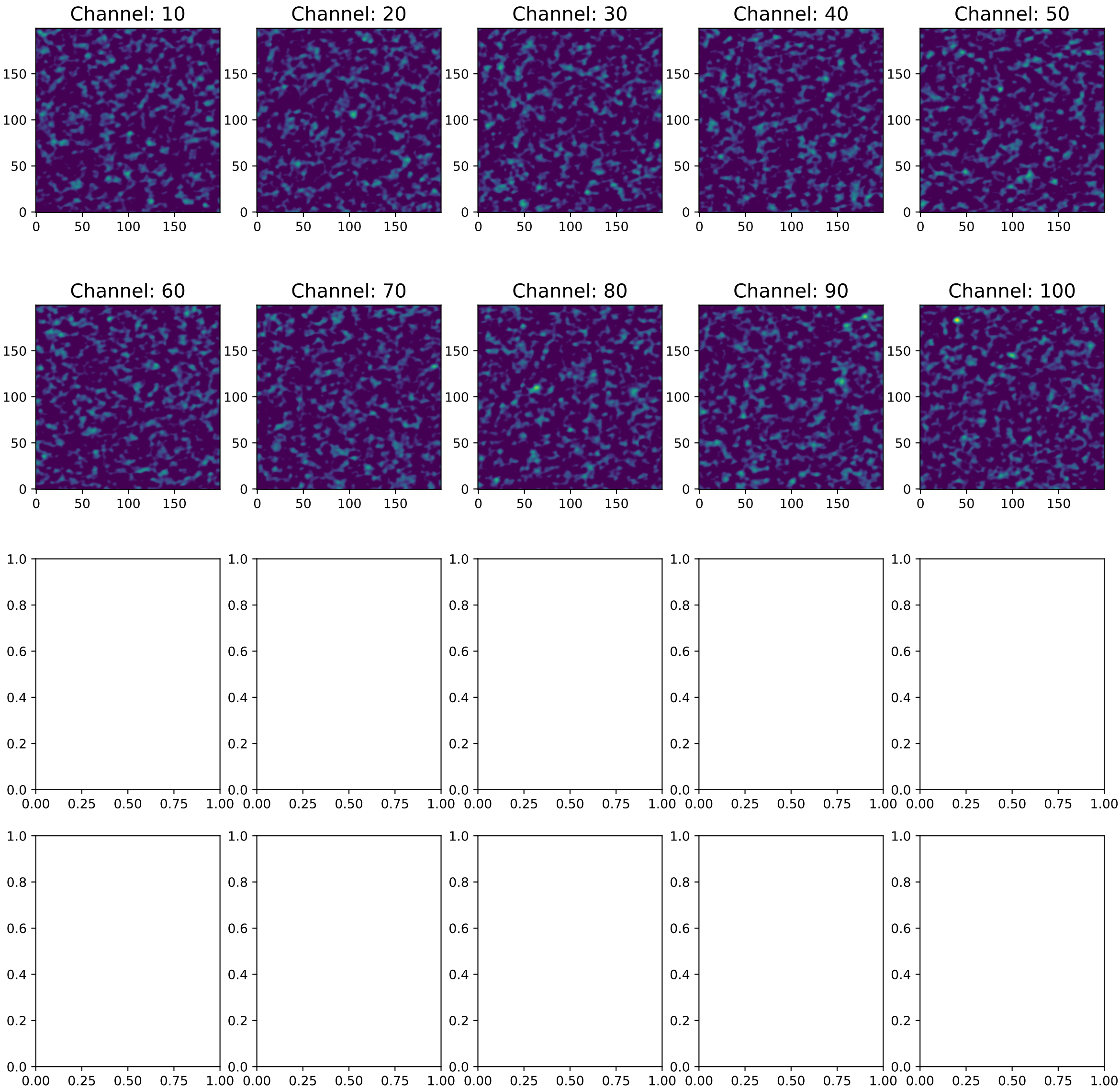
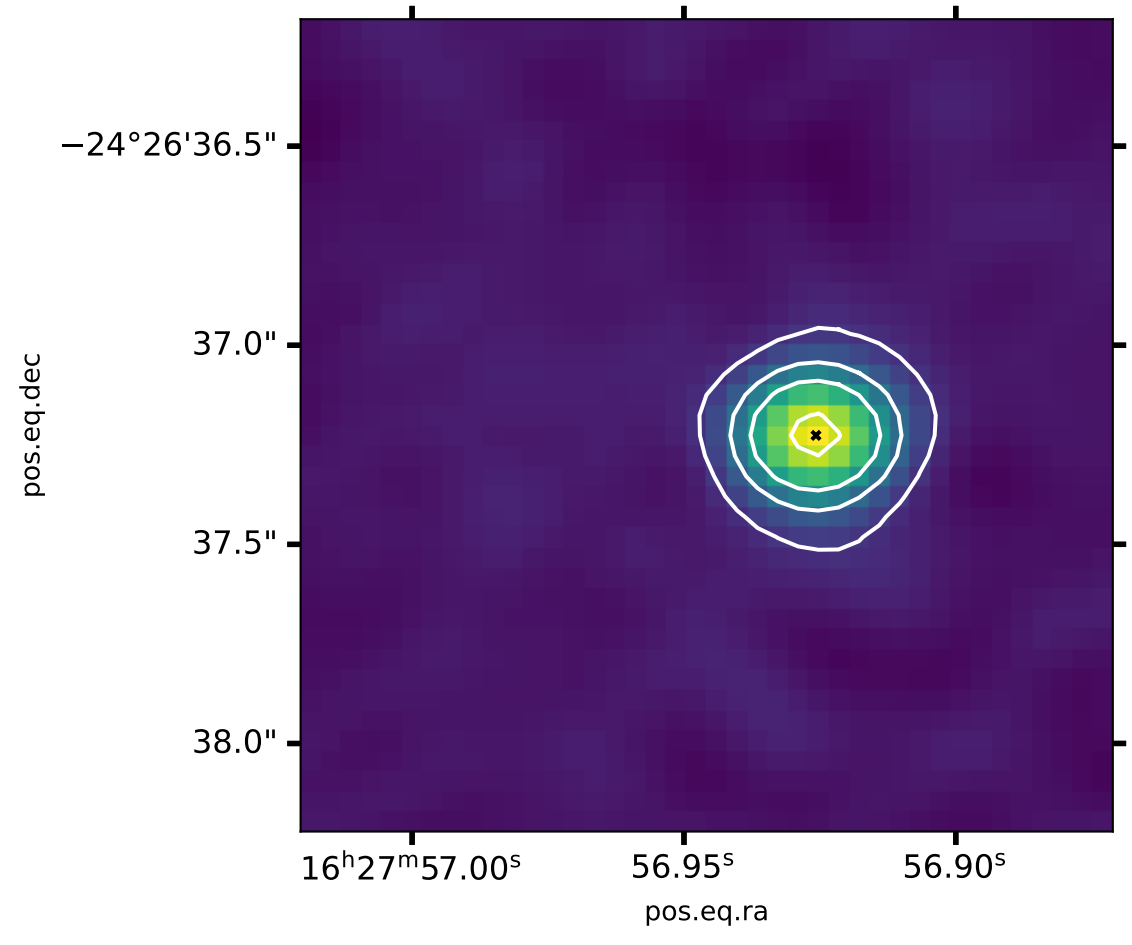
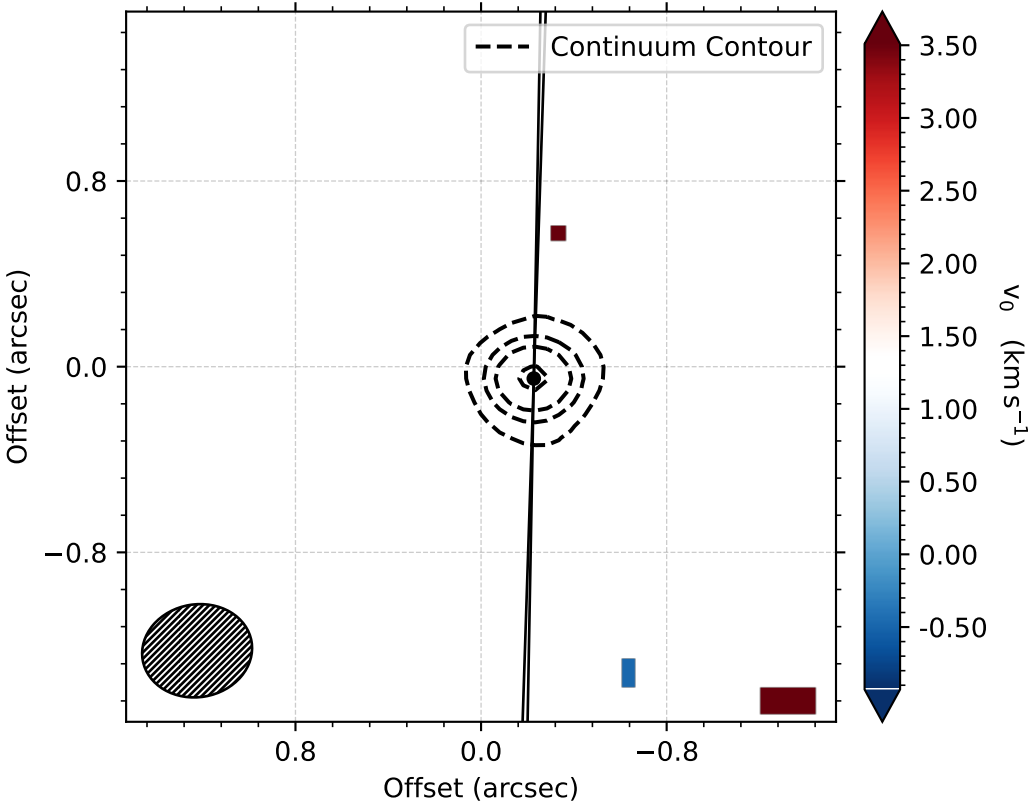
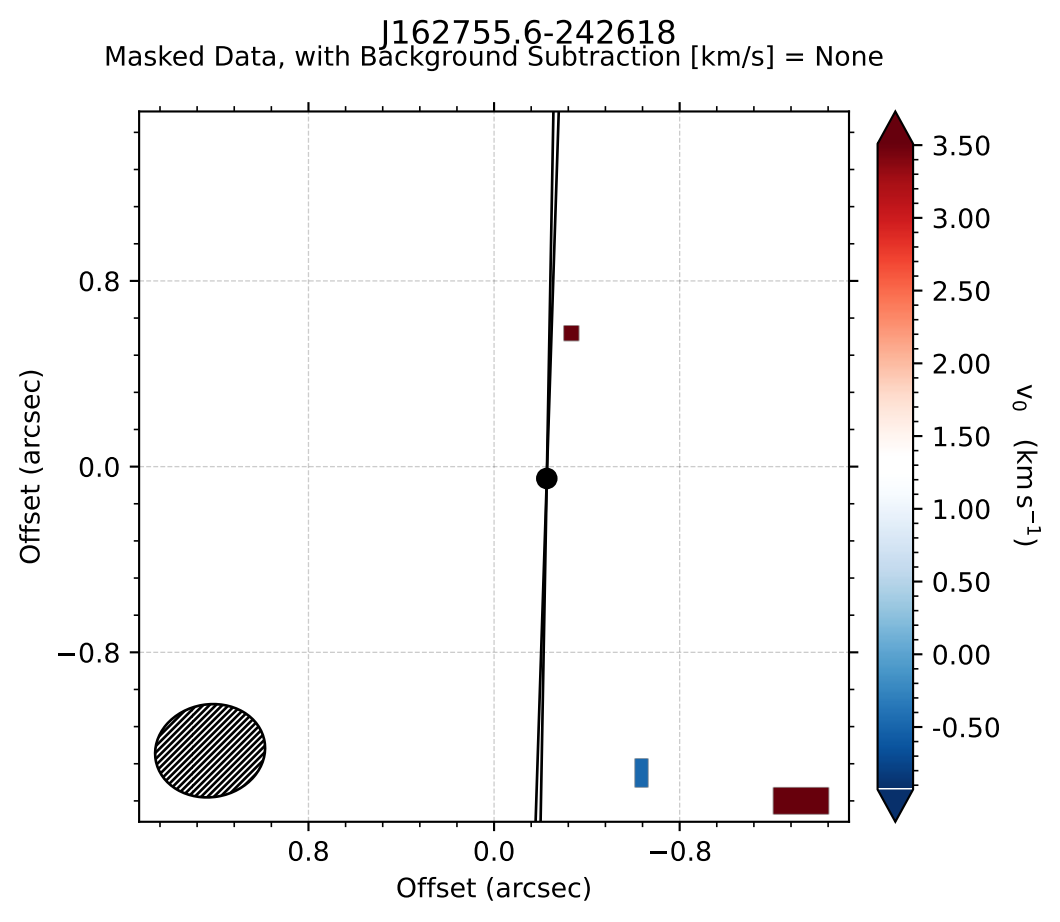
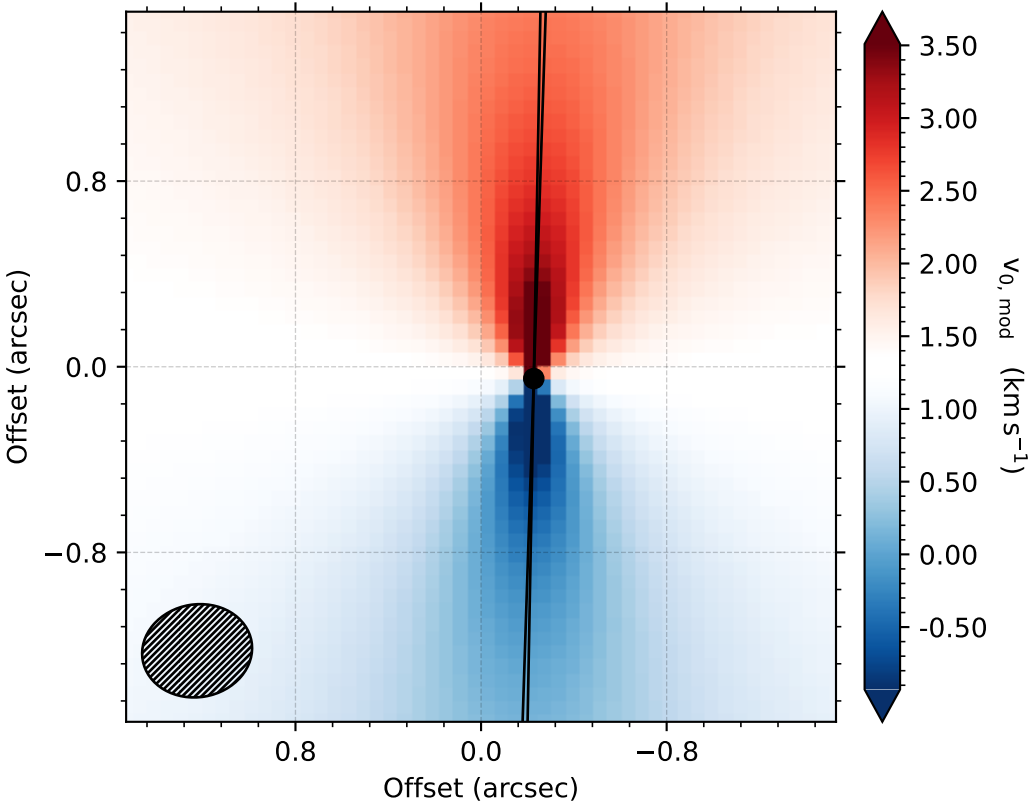
J162755.6-242618, 13CO

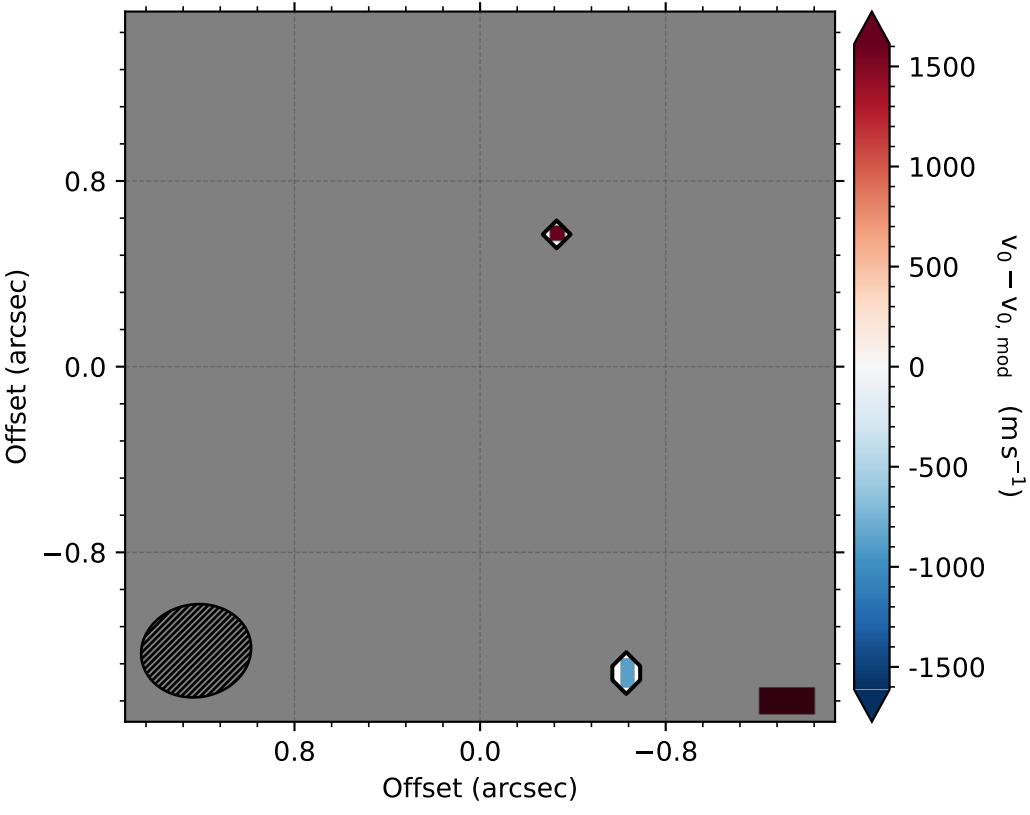


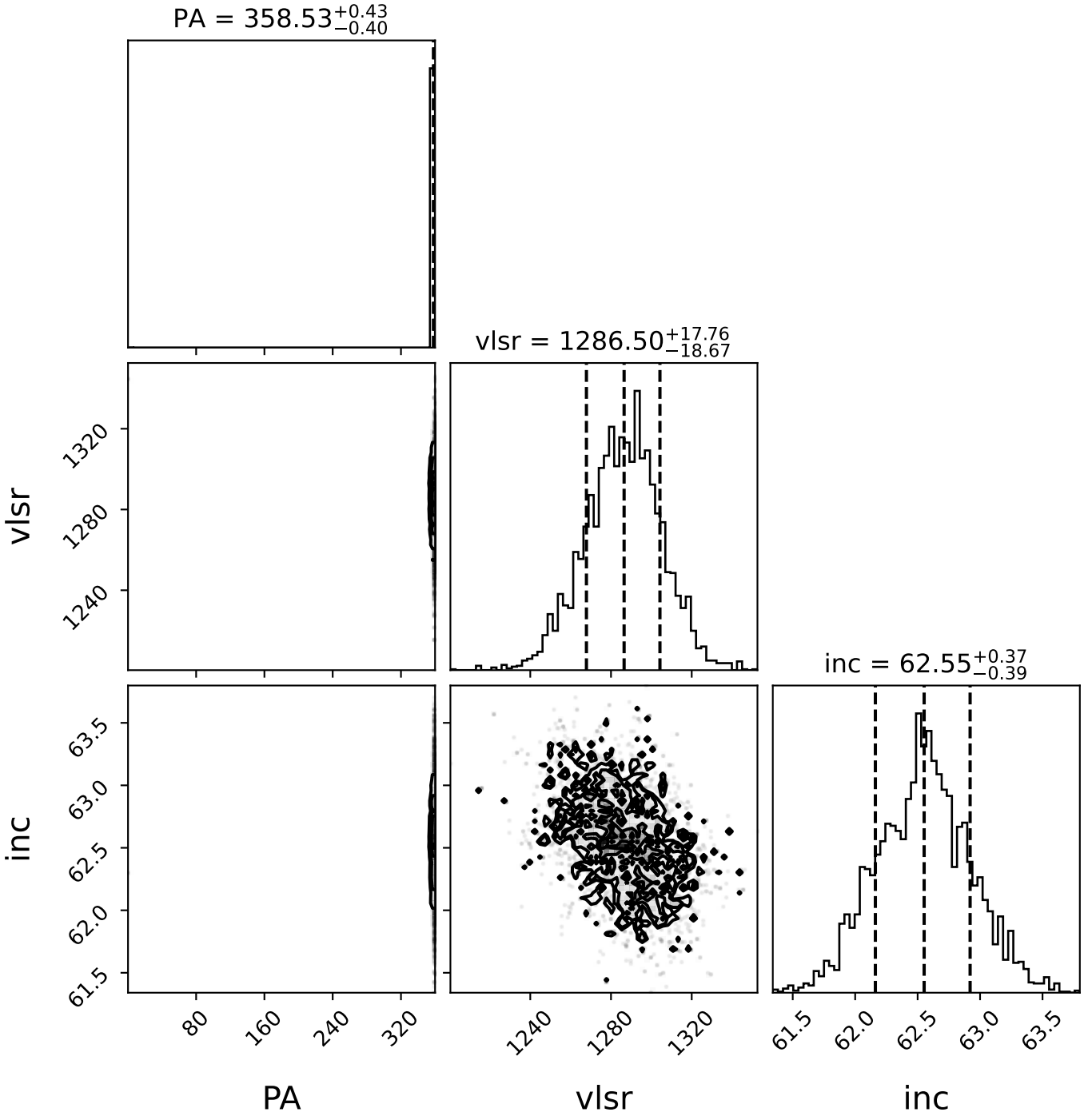

−24°26'36.5"
37.0"
37.5"
38.0"
pos.eq.dec
16h27m57.00s
56.95s
56.90s
pos.eq.ra


Channels: 0-100
Continuum Contour
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
-0.50
v_0 (km s^{-1})


J162755.6-242618
Masked Data, with Background Subtraction [km/s] = None
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
-0.50
v_0 (km s^{-1})


PA: 358.5°
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
-0.50
$v_{0,\,mod}$ (km s^{-1})


0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
1500
1000
500
0
-500
-1000
-1500
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 358.53$^{+0.43}_{-0.40}$
vlsr = 1286.50$^{+17.76}_{-18.67}$
inc = 62.55$^{+0.37}_{-0.39}$
PA
vlsr
inc
80
160
240
320
1240
1280
1320
61.5
62.0
62.5
63.0
63.5

Name: J162755.6-242618

Region: ROph

File: /Users/calebpainter/Downloads/DECO/fits_files/ROph/13CO/J162755.6-242618_13CO_220.399GHz.image.fits

Emmision Line: 13CO

Channels: (0, 100, 0, 100)

X-pos: 246.981533

Y-pos: -24.438517

X-offset: -0.23

Y-offset: -0.05

Literature PA: --

Eddy PA: 358.53

Literature Mass [M]: 0.368

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 3.2

Eddy vlsr [m/s]: 1.29

Literature Inc: --

Eddy Inc: 62.55

Literature Distance [Mpc]: 131.65

Eddy rmin, rmax ["]: (0, 1.5)

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

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC FAILS, no disk signature