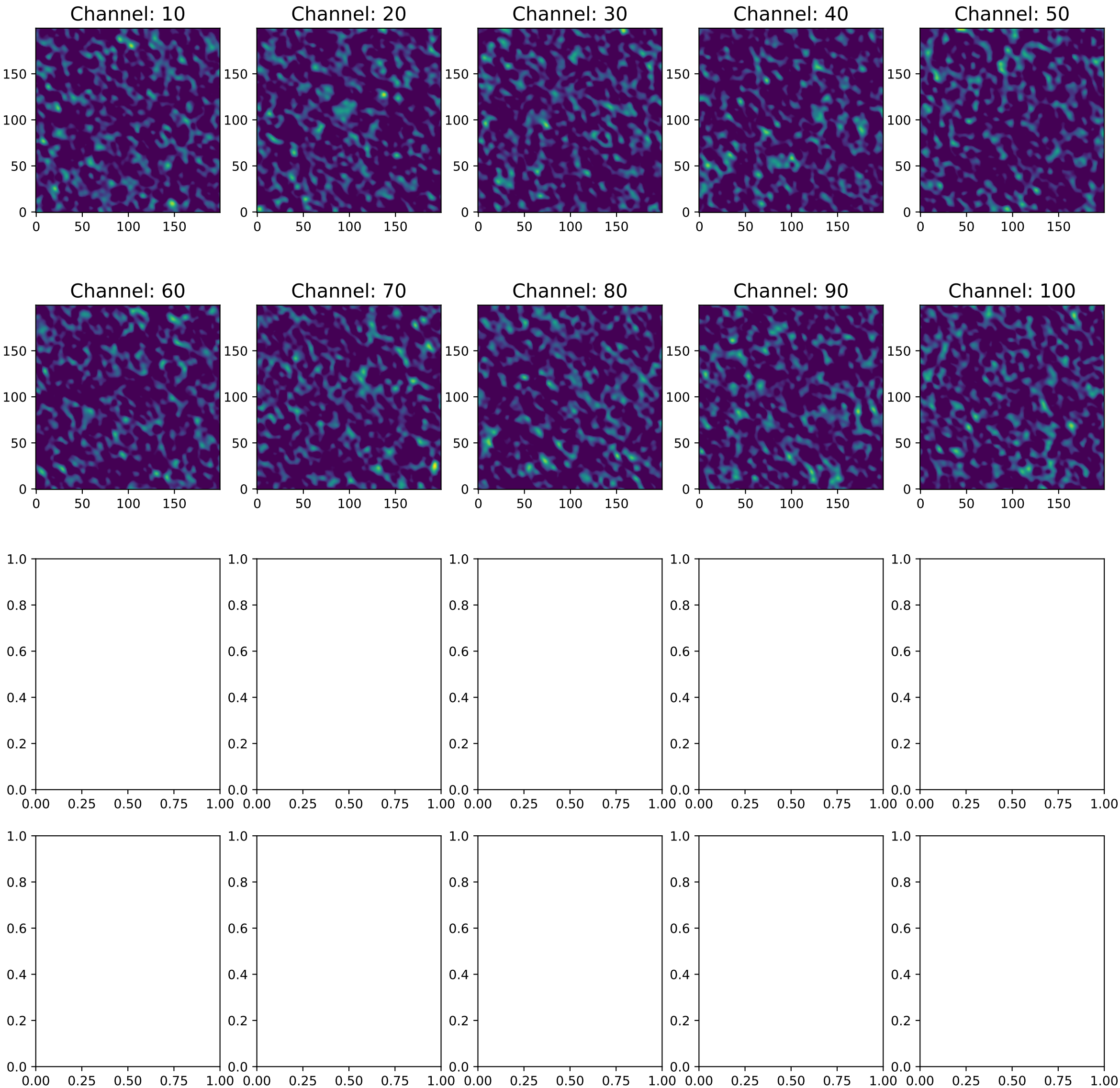
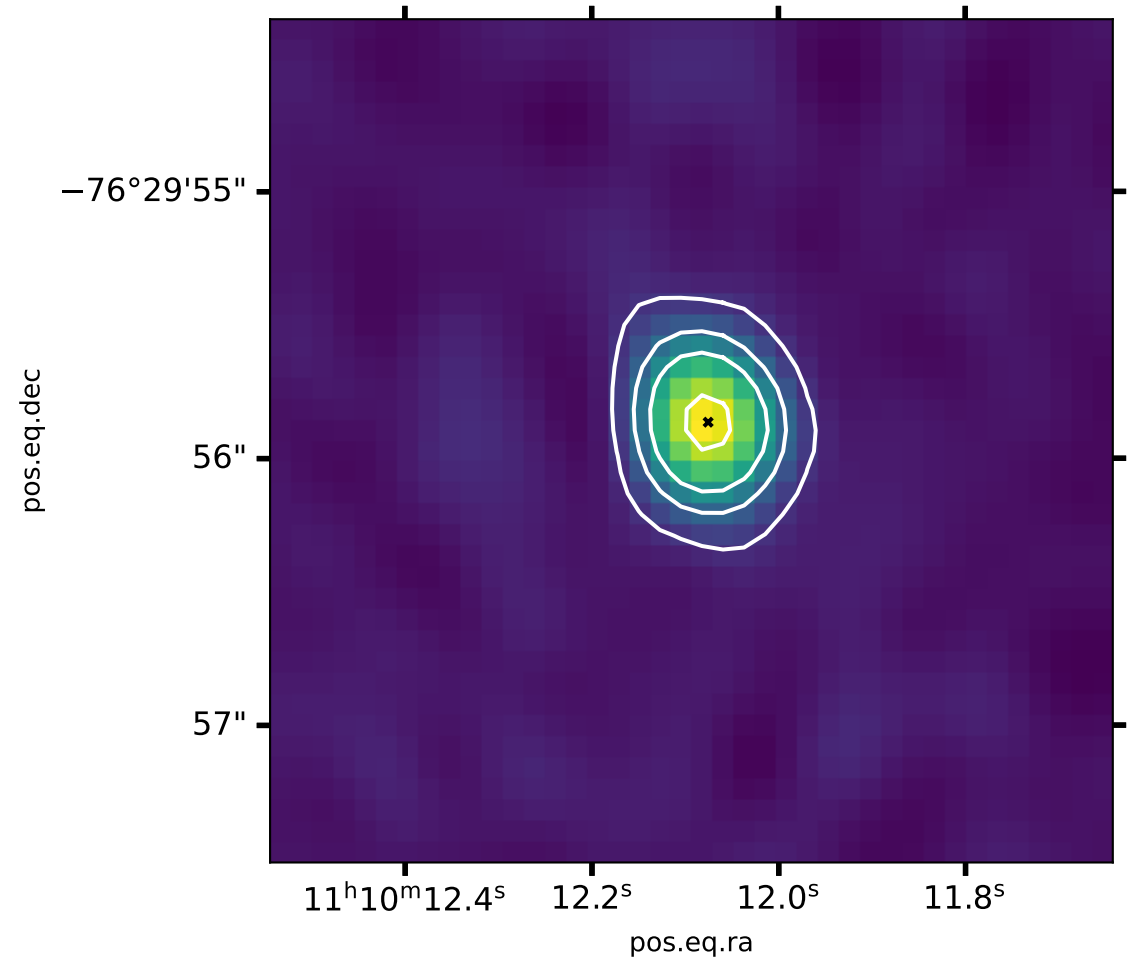
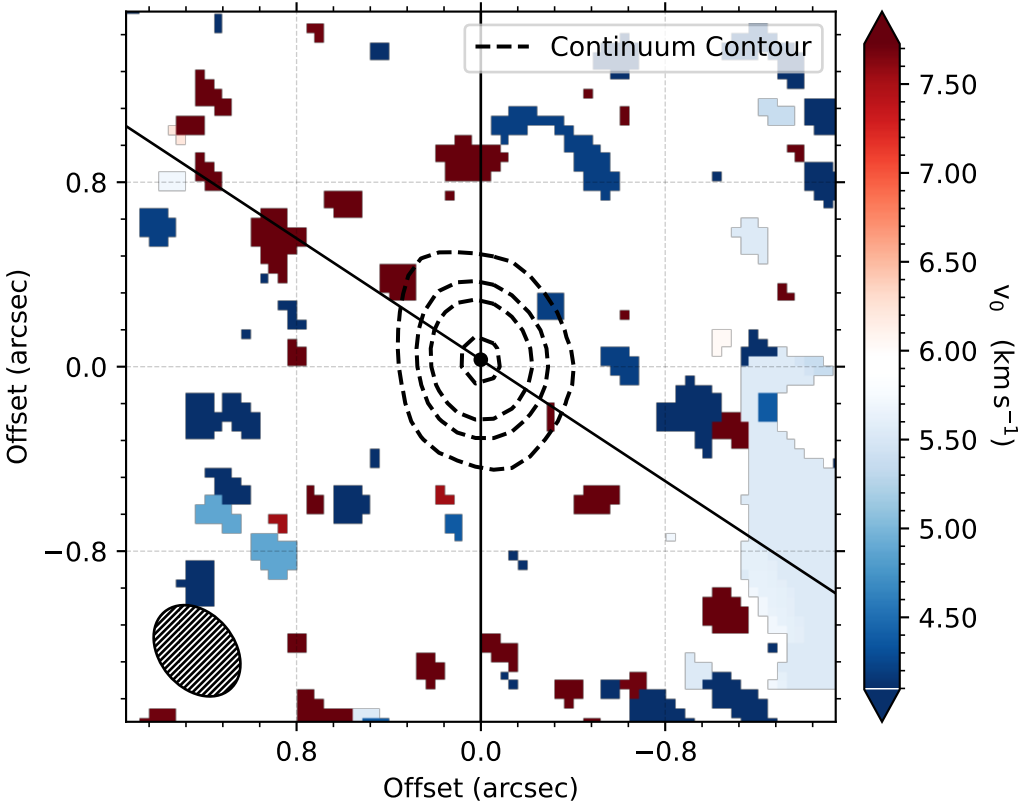
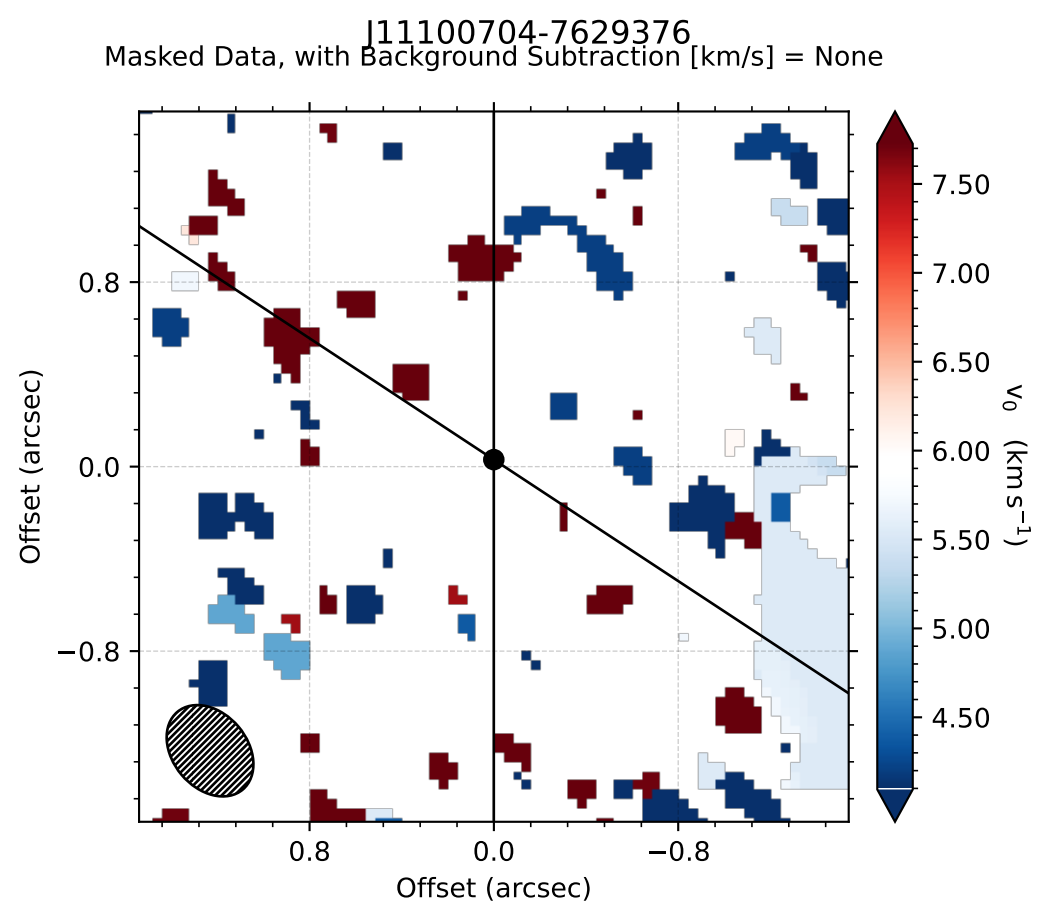
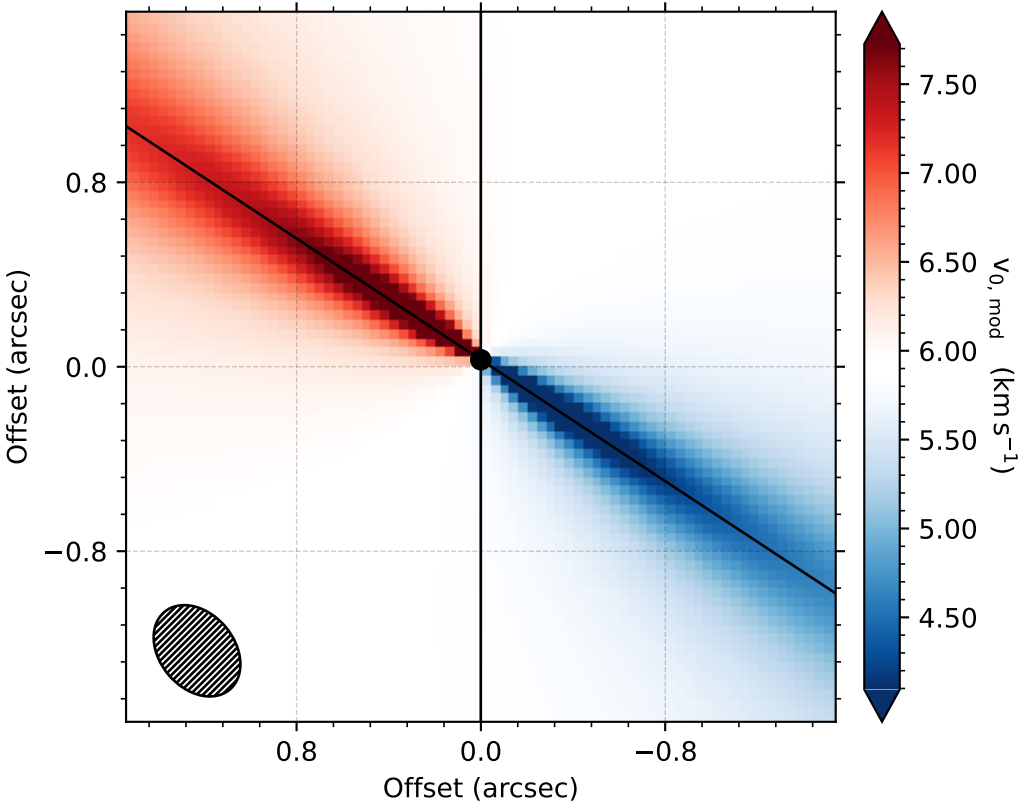
J11100704-7629376, 13CO

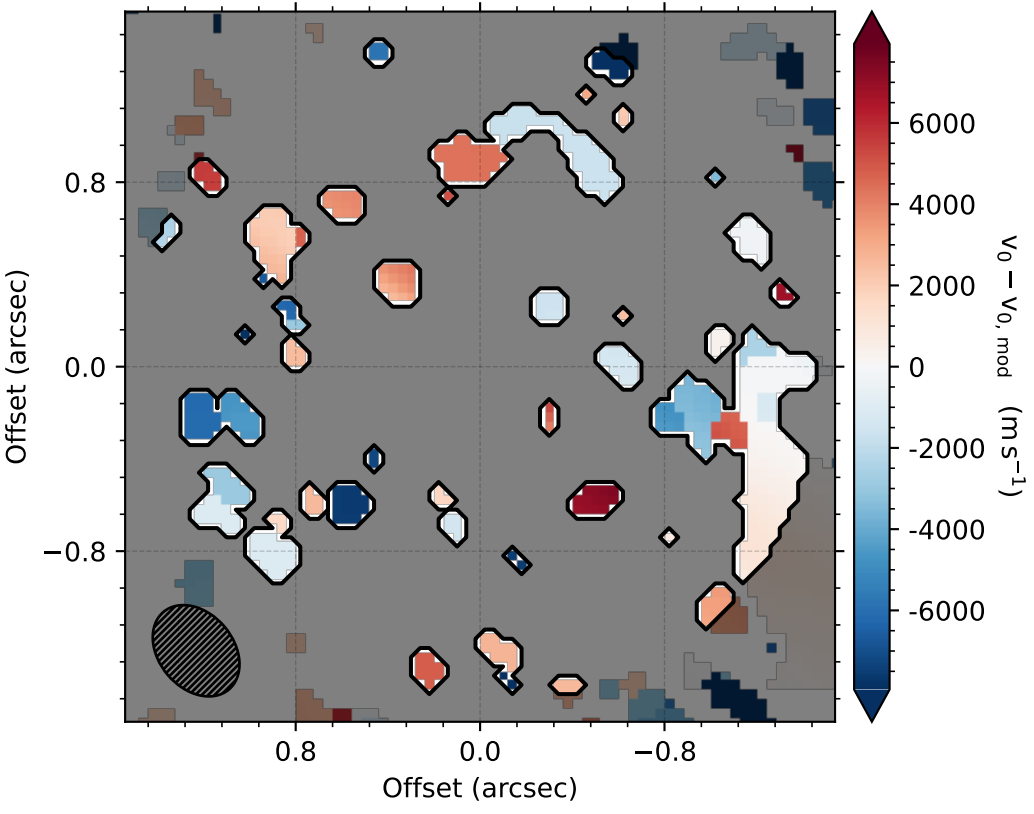


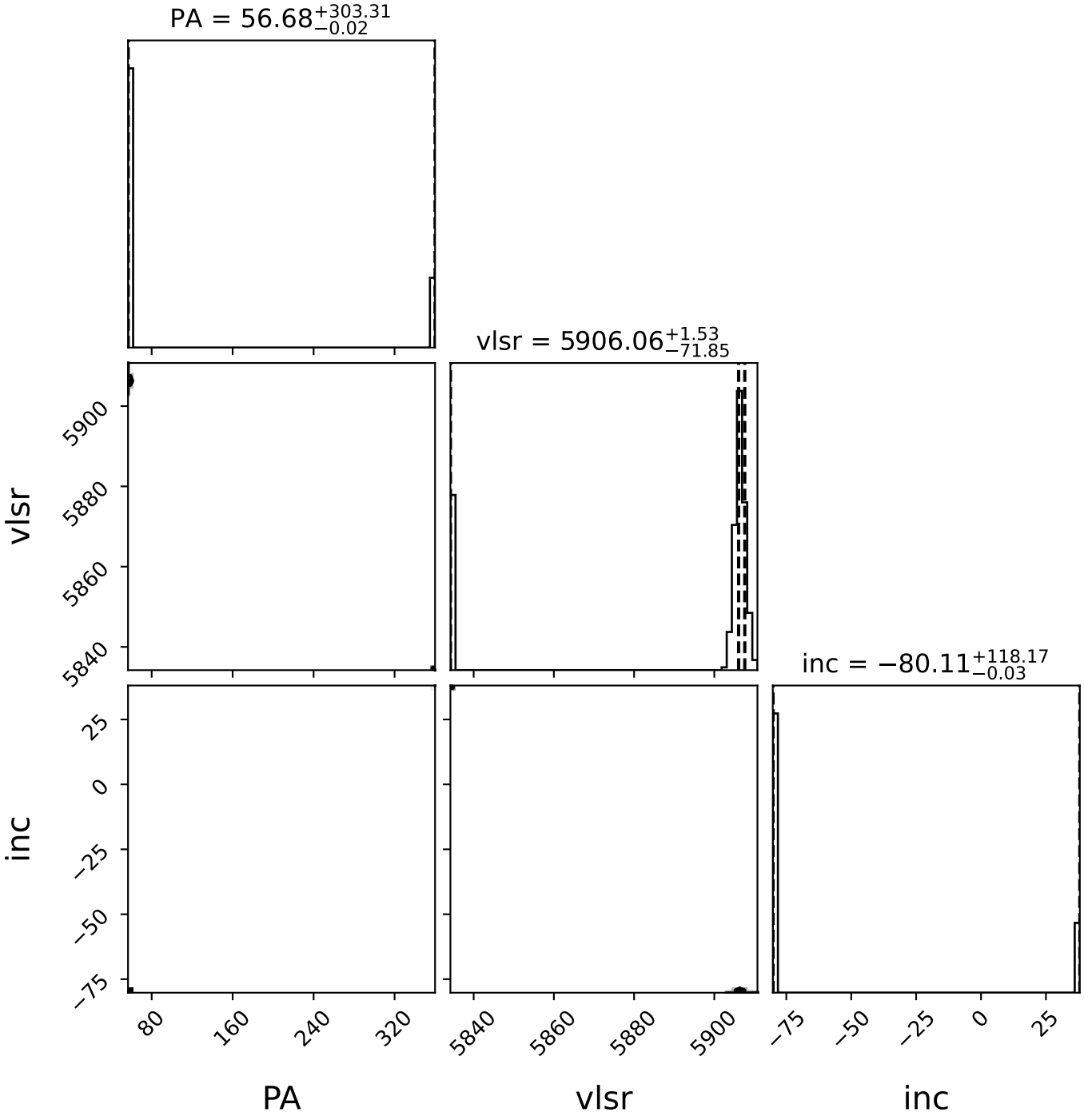

−76°29'55"
56"
57"
pos.eq.dec
11h10m12.4s
12.2s
12.0s
11.8s
pos.eq.ra


Channels: 0-100
Continuum Contour
0.8
0.0
−0.8
Offset (arcsec)
Offset (arcsec)
7.50
7.00
6.50
6.00
5.50
5.00
4.50
v_0 (km s^{-1})


J11100704-7629376
Masked Data, with Background Subtraction [km/s] = None
Offset (arcsec)
Offset (arcsec)
0.8
0.0
−0.8
0.8
0.0
−0.8
7.50
7.00
6.50
6.00
5.50
5.00
4.50
v_0 (km s^{-1})


PA: 56.7°
0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
7.50
7.00
6.50
6.00
5.50
5.00
4.50
$v_{0,\,mod}$ (km s^{-1})


0.8
0.0
−0.8
Offset (arcsec)
0.8
0.0
−0.8
Offset (arcsec)
6000
4000
2000
0
-2000
-4000
-6000
$v_0 - v_{0,\,\mathrm{mod}}$ (m s^{-1})


PA = 56.68$^{+303.31}_{-0.02}$
vlsr = 5906.06$^{+1.53}_{-71.85}$
inc = −80.11$^{+118.17}_{-0.03}$
PA
vlsr
inc
80
160
240
320
5840
5860
5880
5900
−75
−50
−25
0
25

Name: J11100704-7629376

Region: ChamI

File: /Users/calebpainter/Downloads/DECO/fits_files/ChamI/13CO/J11100704-7629376_13CO_220.399GHz.image.fits

Emmision Line: 13CO

Channels: (0, 100, 0, 100)

X-pos: 167.528717

Y-pos: -76.493805

X-offset: 0.0

Y-offset: 0.03

Literature PA: --

Eddy PA: 56.68

Literature Mass [M]: 0.63

Eddy Mass [M]: --

DECO Dict vsys [km/s]: 4.4

Eddy vlsr [m/s]: 5.91

Literature Inc: --

Eddy Inc: -80.11

Literature Distance [Mpc]: 191.0

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