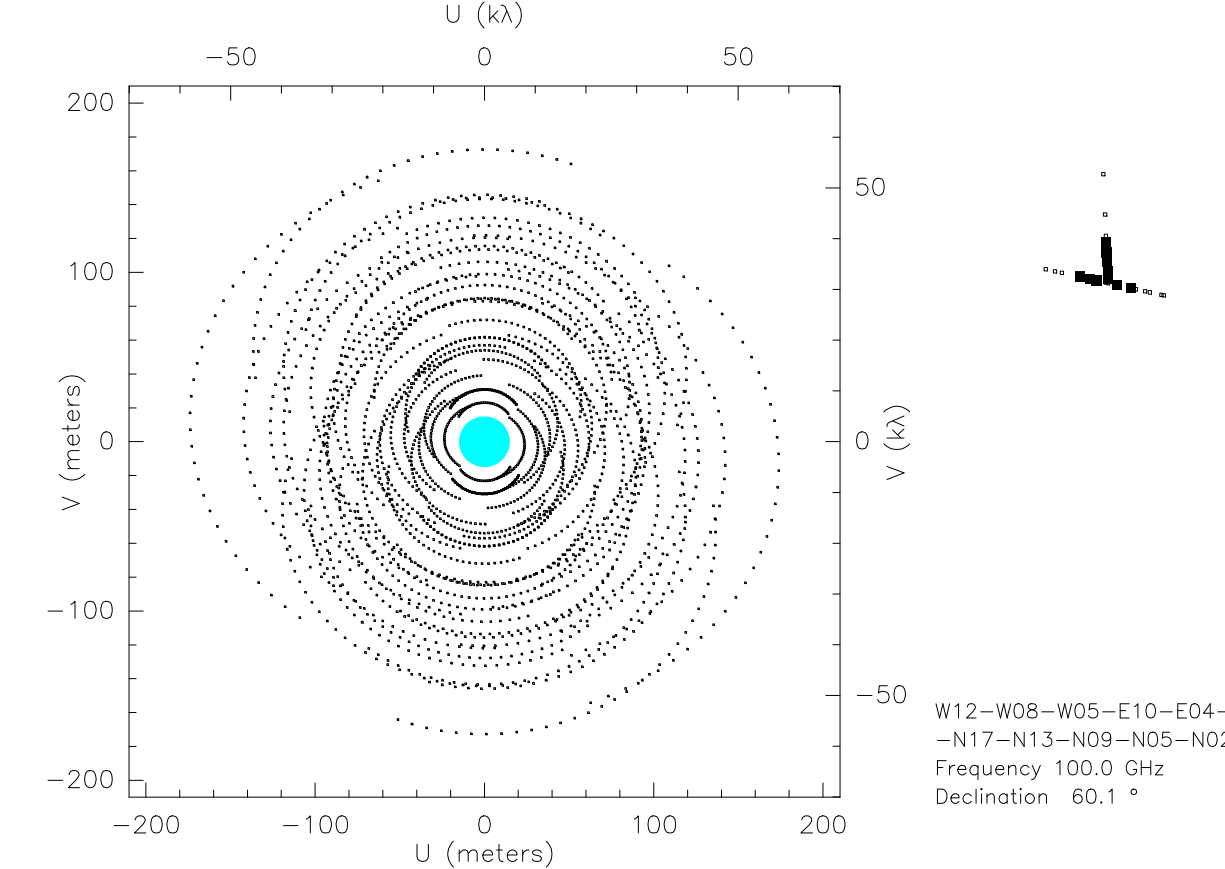
μ


U (kλ)
−50
0
50
200
100
0
−100
−200
V (meters)
U (meters)
−200
−100
0
100
200
50
0
−50
V (kλ)
W12−W08−W05−E10−E04−
−N17−N13−N09−N05−N02
Frequency 100.0 GHz
Declination 60.1 °

$\sim 3.9''$

$\sim 1.7''$

"

$1.0''$

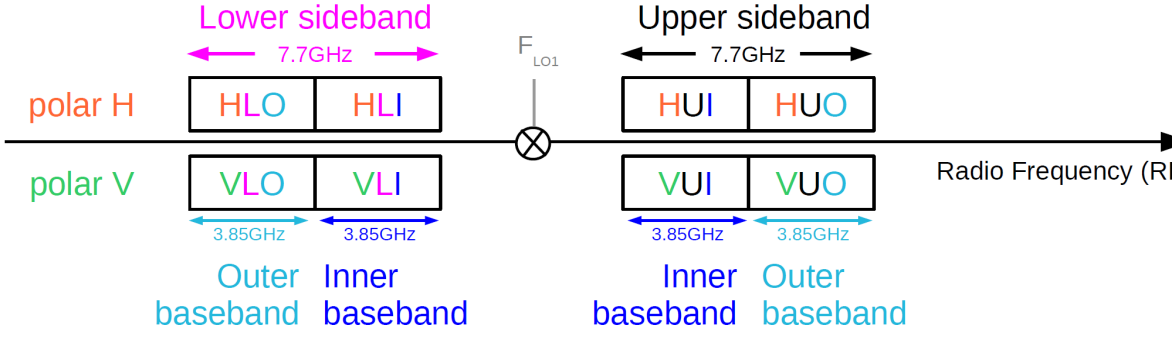
"

FLO1

F sky

$\mathrm{T}_{\mathrm{rec}}$

2


Lower sideband
7.7GHz
Upper sideband
7.7GHz
F LO1
polar H
HLO
HLI
HUI
HUO
polar V
VLO
VLI
VUI
VUO
Radio Frequency (RF
3.85GHz
3.85GHz
3.85GHz
3.85GHz
Outer baseband
Inner baseband
Inner baseband
Outer baseband

$$\sigma = \frac{J_{\mathrm{pK}} T_{\mathrm{sys}}}{\eta \sqrt{N_a (N_a - 1) T_{\mathrm{ON}} B}} \frac{1}{\sqrt{N_{\mathrm{pol}}}}$$

-1

$2k/(\eta_a A)$

ηa

k

N_{a}

B

N_{pol}

$\delta < -10^{\circ}$