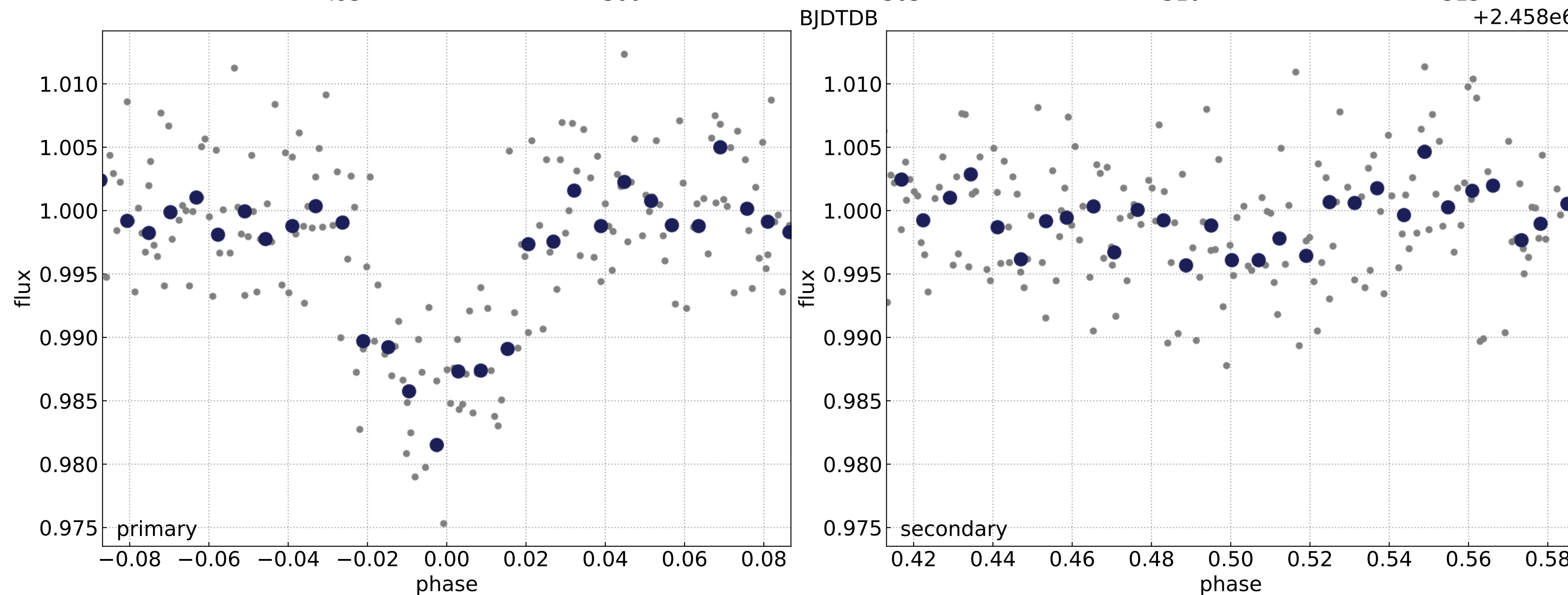
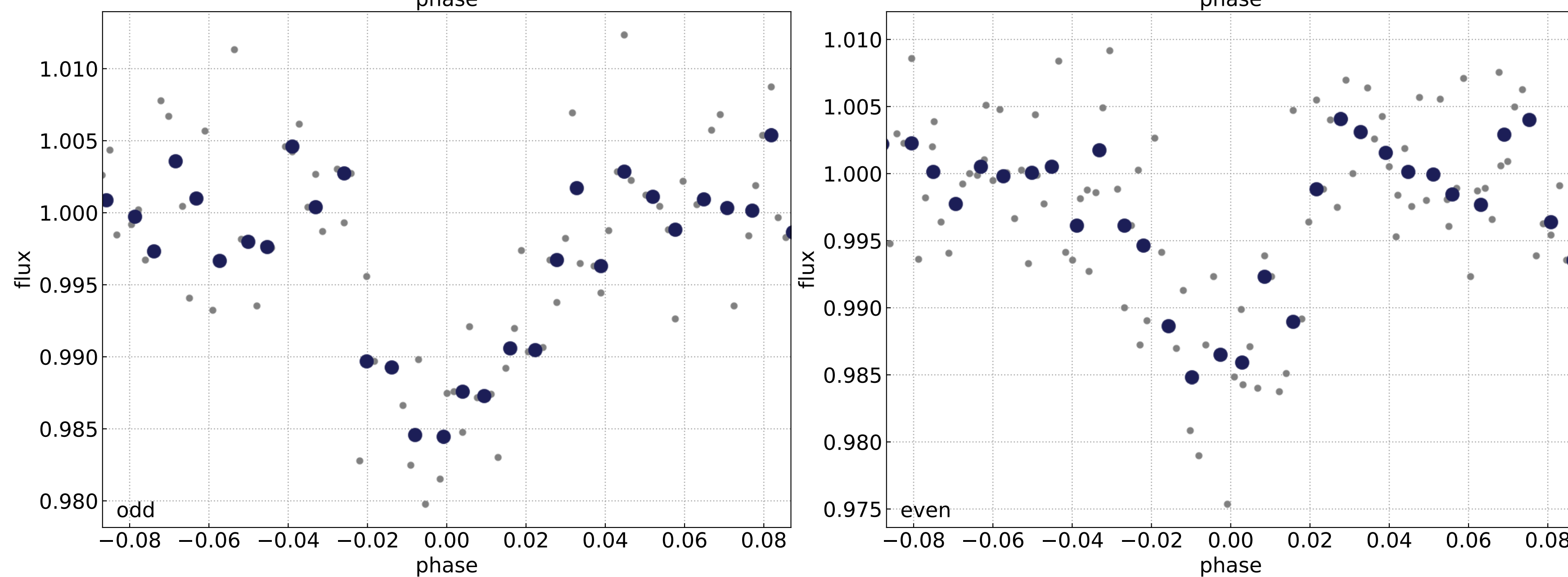


$P = 1.606$  day  
 $t_0 = 2458492.259$  BJD  
 $R_p = 13.86 R_{\oplus}$  (TICCONT nan not needed)  
 $R_p/R_{\star} = 0.104$   
 $T_{14}/P = 0.043$   
 $T_{14} = 1.67$  hr  
 $\text{SNR} = 17.1, \text{SNR}_{\text{pink/tra}} = 5.7$



$\delta_{\text{odd}} \text{ vs } \delta_{\text{even}} = 0.5 \sigma$   
 $\delta_{\text{tra}}/\delta_{\text{occ}} = 6.21 \pm 2.43$

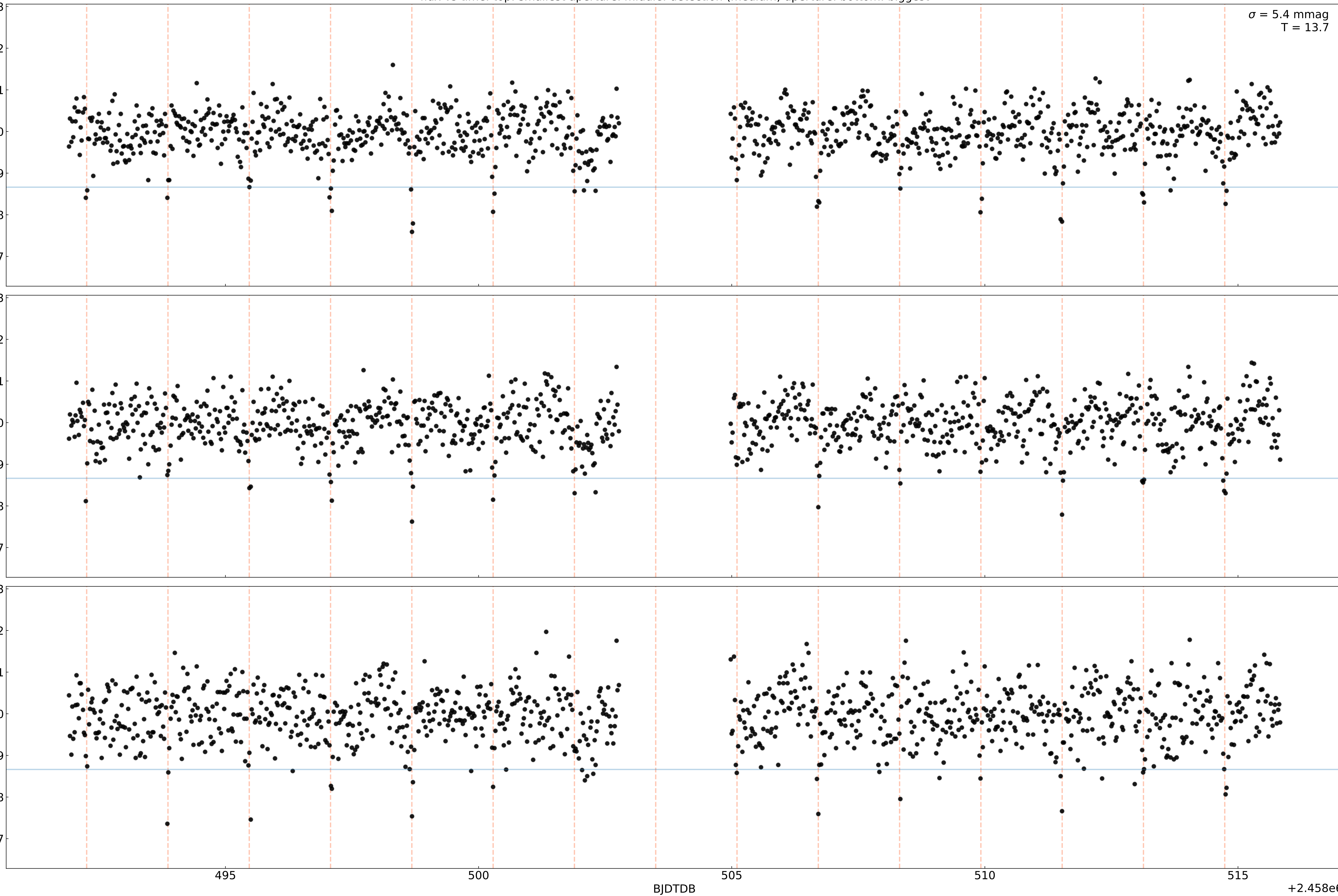
Star: DR2 5541111035713815552  
 TIC 134528212 - ticdist 0.09"  
 $R_{\star} = 1.22 R_{\odot}, M_{\star} = 1.13 M_{\odot}$   
 $T_{\text{eff}} = 5364$  K  
 RA,dec [deg] = 122.414 -37.371  
 $G = 14.2, R_p = 13.5, B_p = 14.4, T = 13.7$   
 $\text{pmRA} = -3.6, \text{pmDEC} = 4.6$   
 $\omega = 1.21 \pm 0.07$  mas  
 $d = 1/\omega_{\text{as}} = 826$  pc  
 AstExc: 53.5  $\sigma$   
 $R_{\star} + M_{\star} \rightarrow T_{b0}: 2.5$  hr



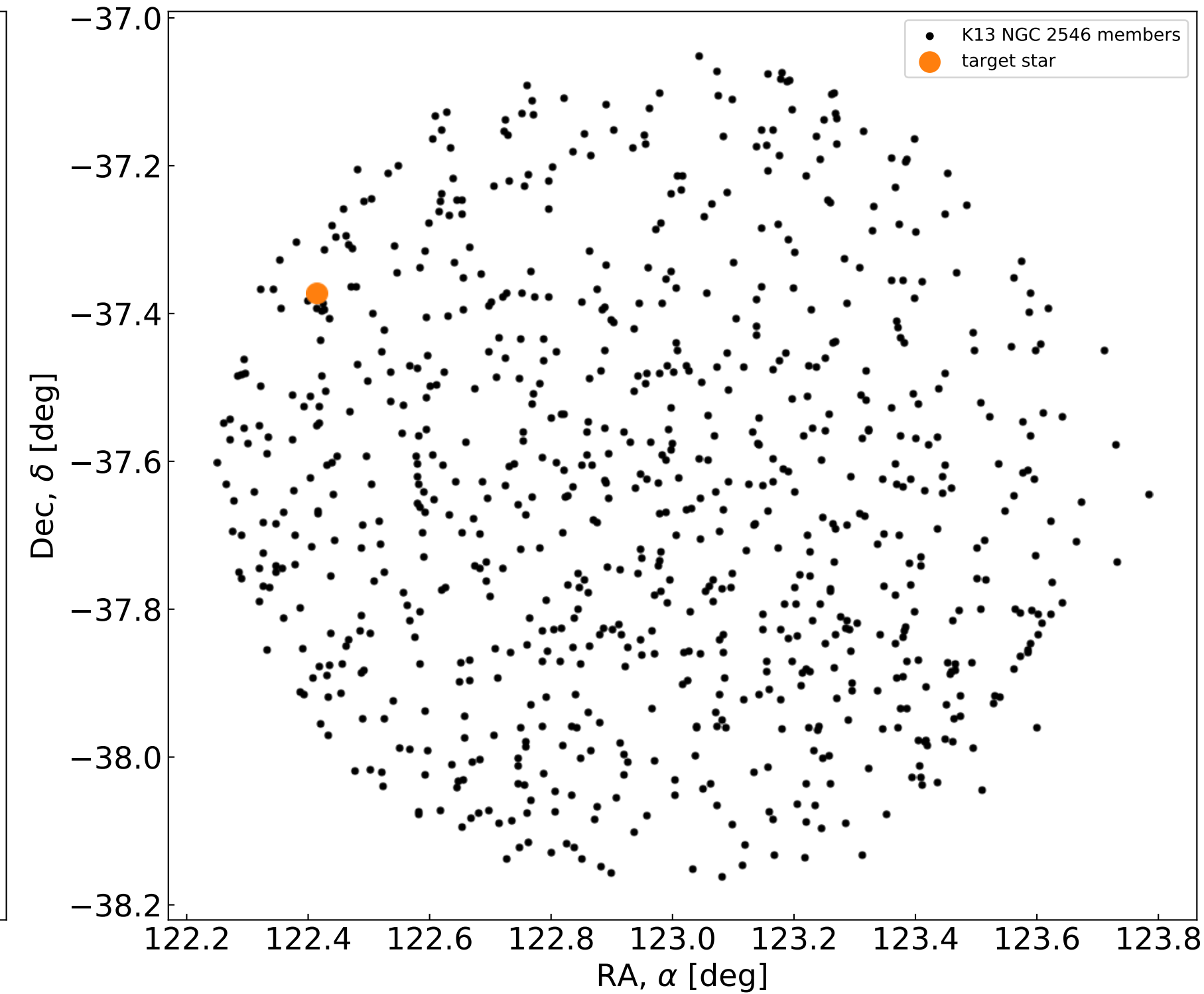
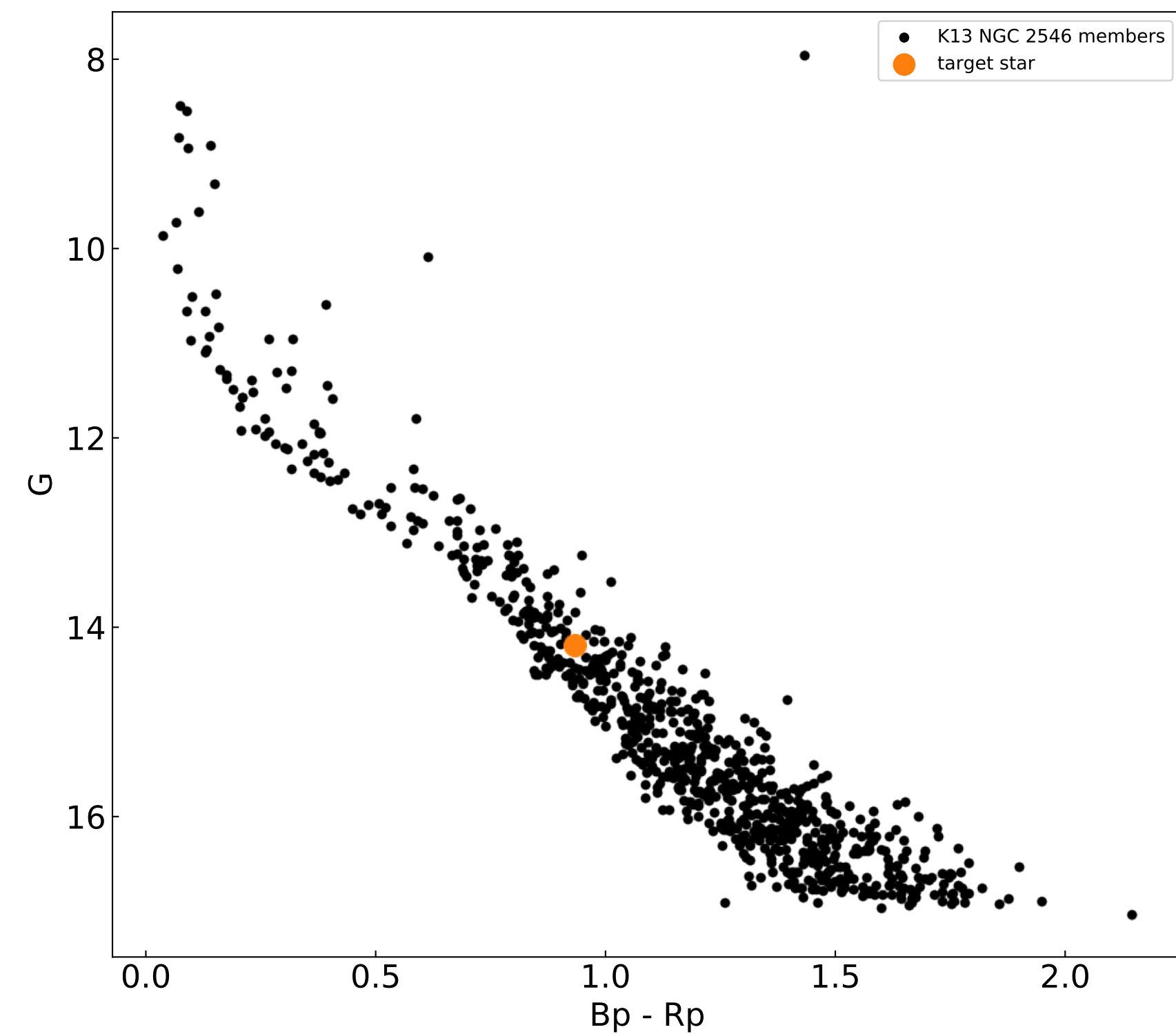
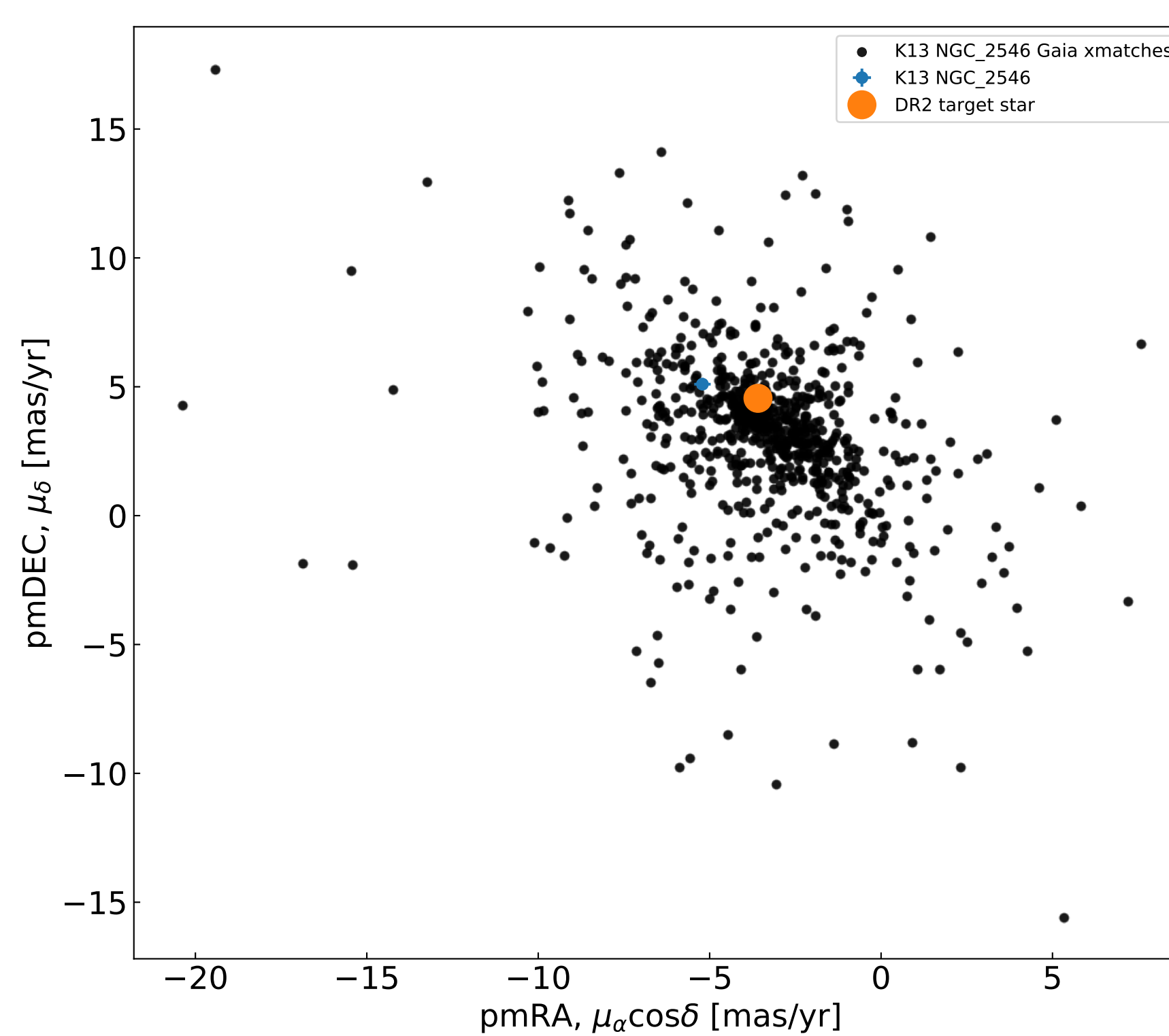
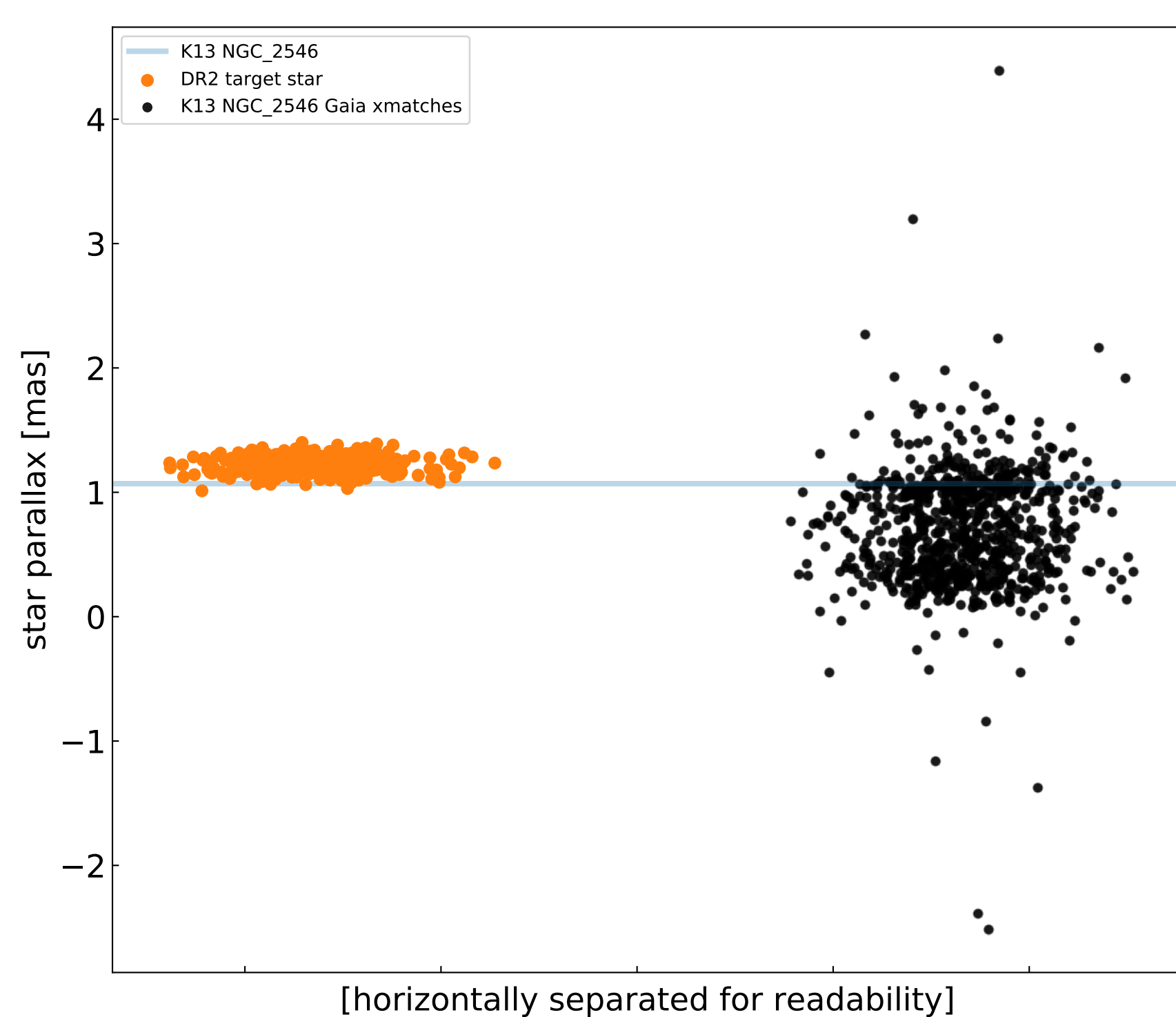
Cluster: NGC 2546  
 Reference: Dias2014  
 Othername: 264-025831  
 xmatchdist: 2.7e-02"

flux vs time. top: smallest aperture. middle: detection (medium) aperture. bottom: biggest

$\sigma = 5.4$  mmag  
T = 13.7





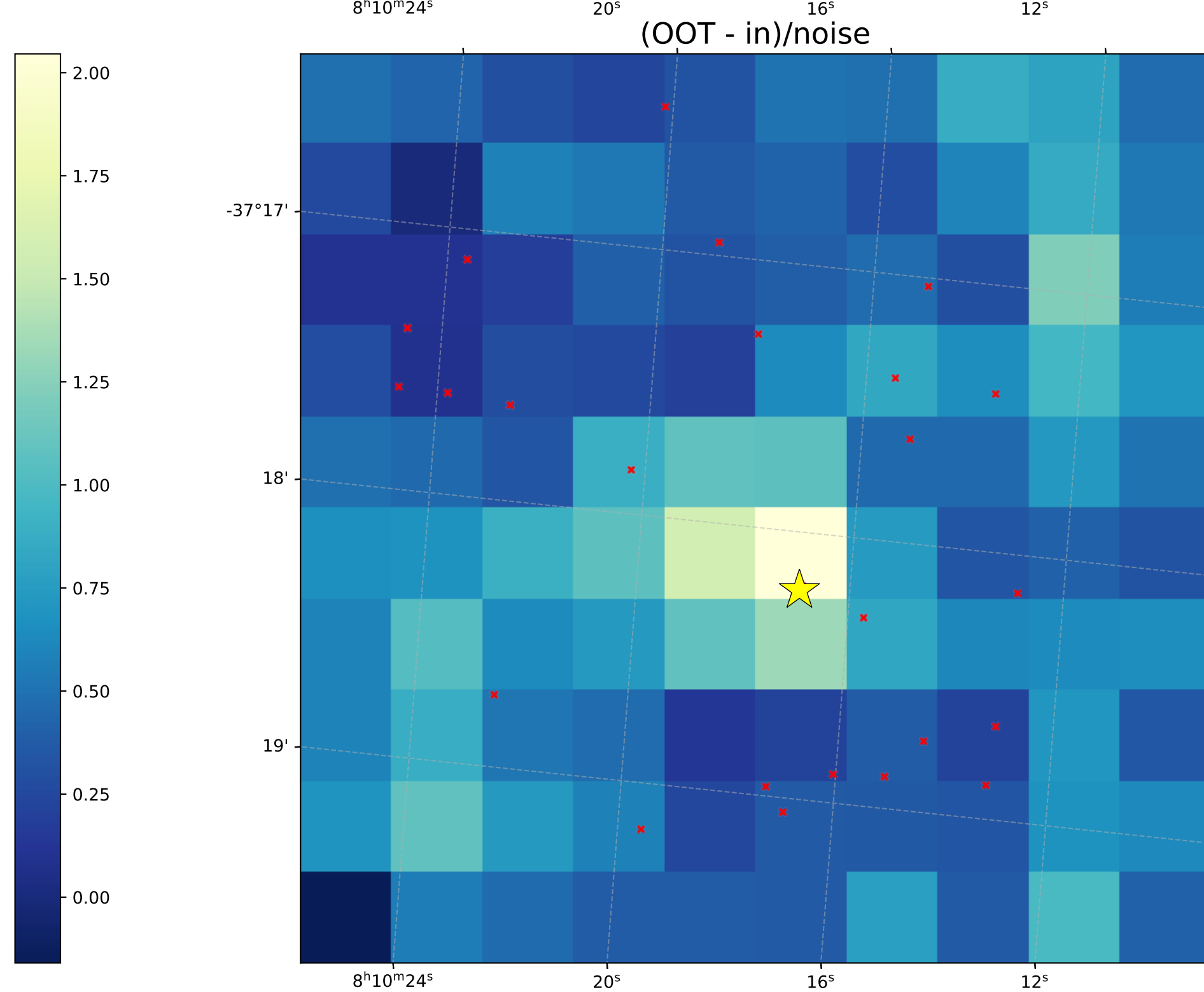
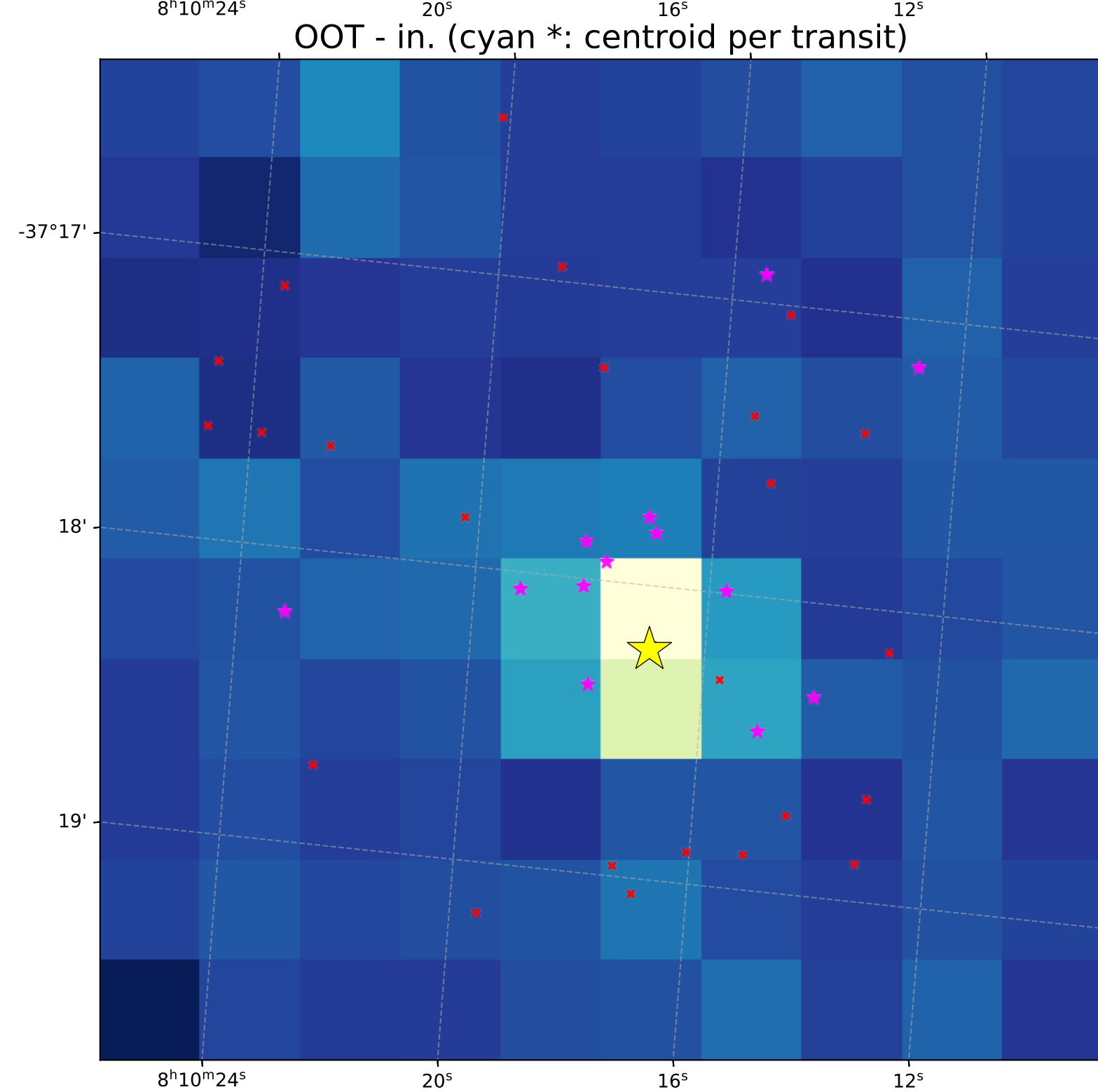
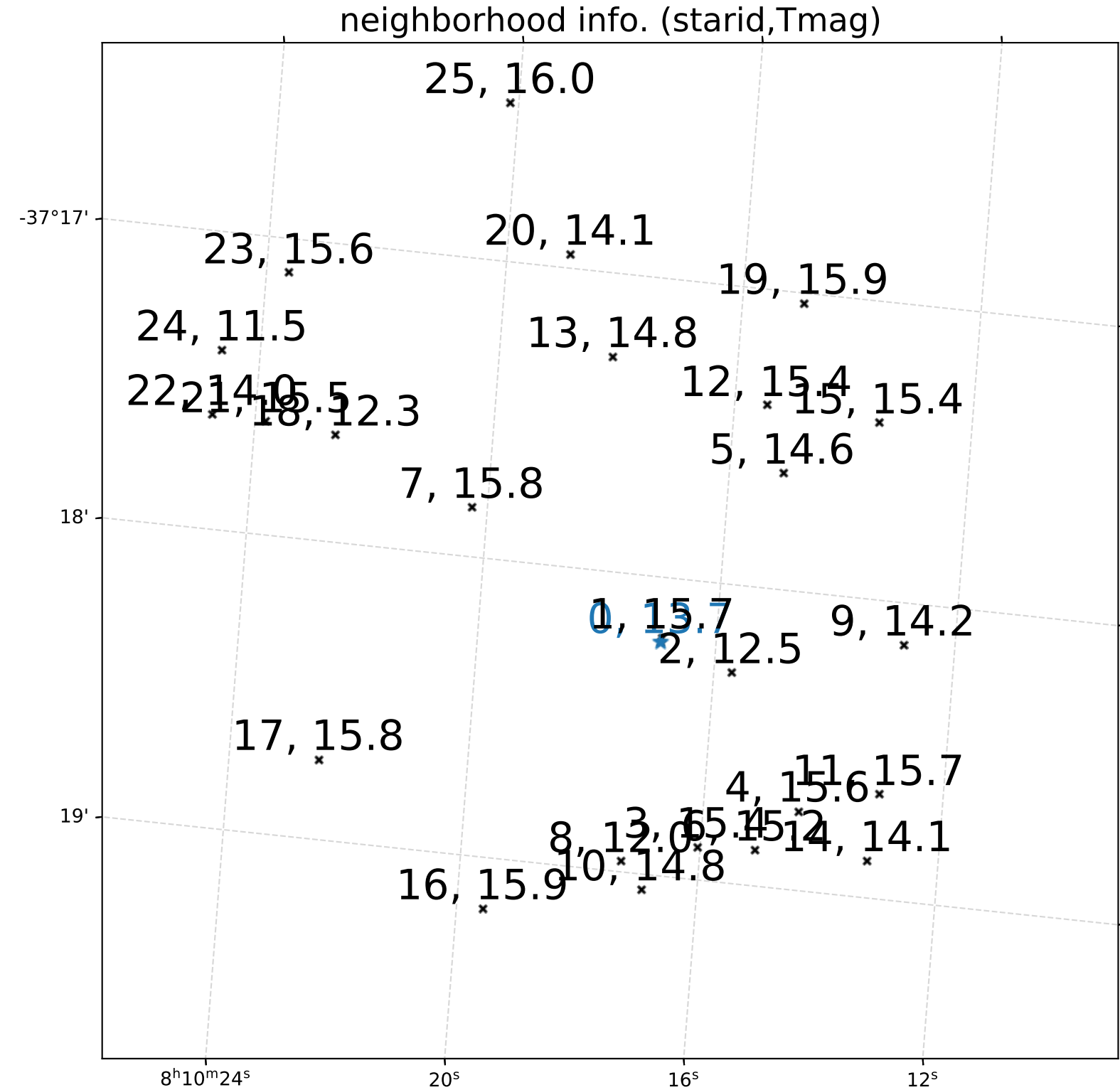
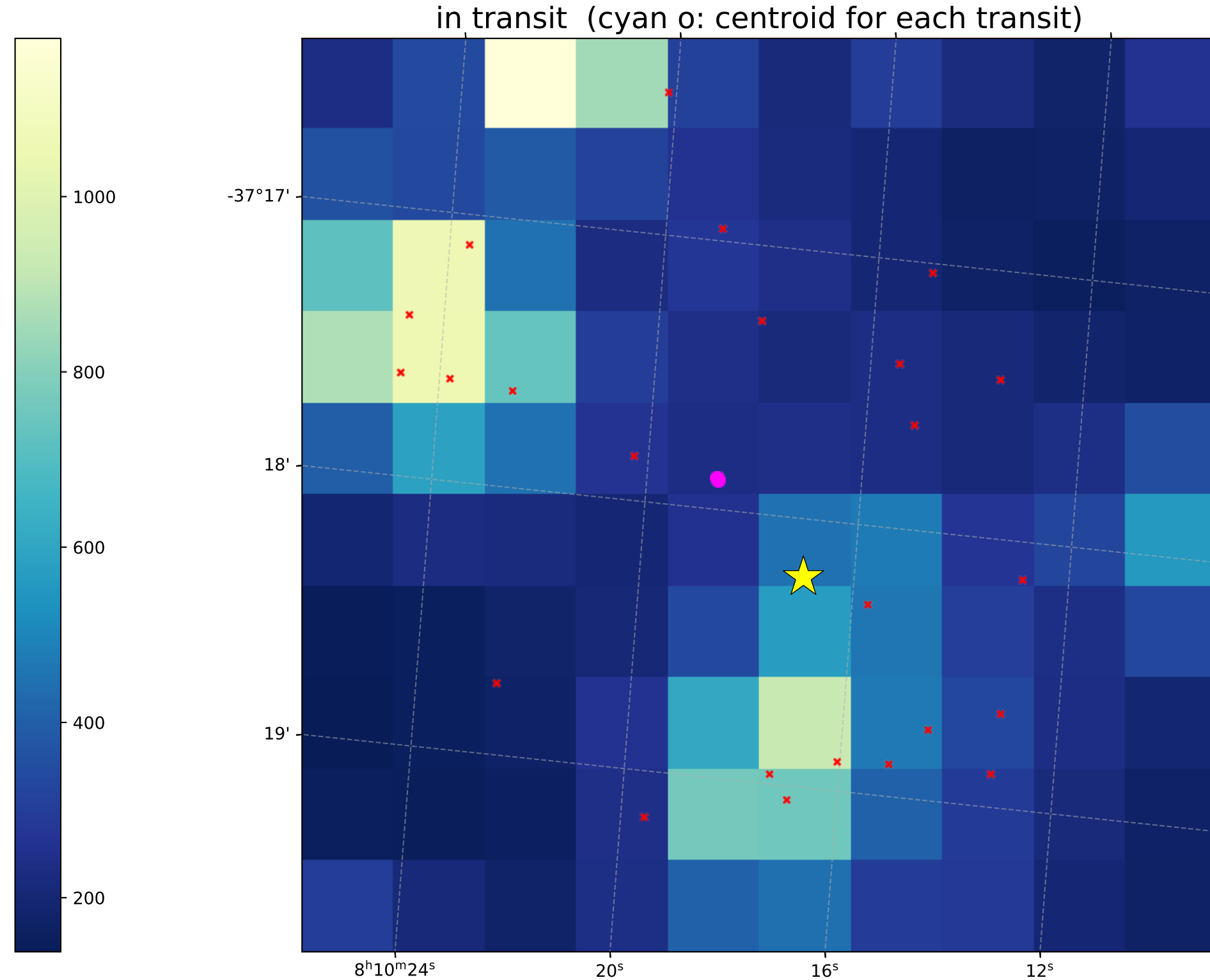
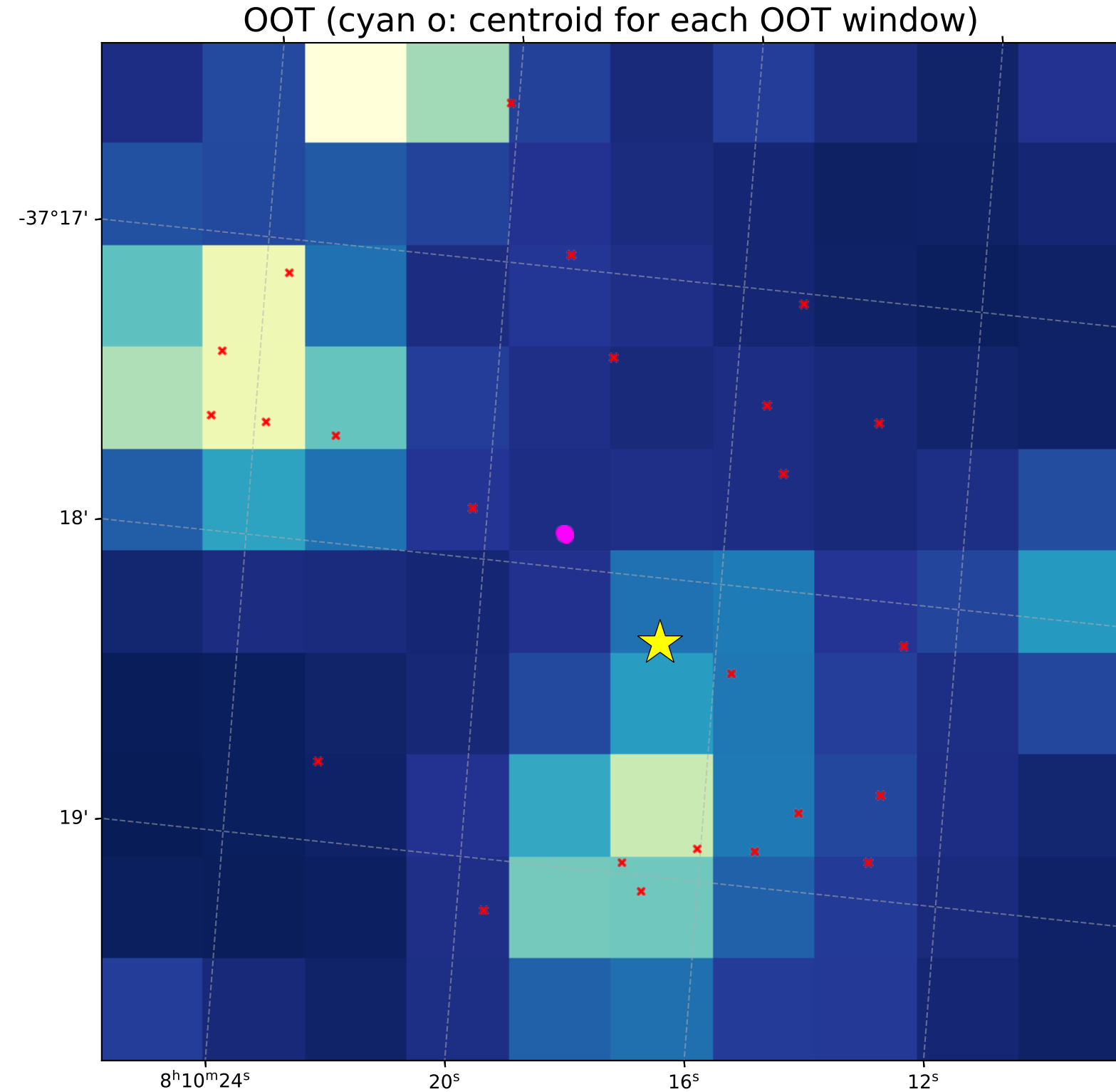


Cluster: NGC 2546  
Reference: Dias2014  
Starname: 264-025831  
xmatchdist: 2.7e-02"

K13 match: MWSC 1447, NGC\_2546  
N1sr2: 1267, logt = 8.1,  
type = oc,  $d_{K13} = 935$  pc  
Expect  $\omega_{K13} = 1.07$  mas  
Got  $\omega_{DR2} = 1.21 \pm 0.07$  mas

Star: DR2 5541111035713815552  
 $R_\star = 1.22 R_\odot$ ,  $M_\star = 1.13 M_\odot$   
Teff = 5364 K  
RA = 122.414, DEC = -37.371  
G = 14.2, Rp = 13.5, Bp = 14.4  
pmRA = -3.6, pmDEC = 4.6  
 $\omega = 1.21 \pm 0.07$  mas  
 $d = 1/\omega_{as} = 826$  pc

K13Note: Sparse.



DR2 5541111035713815552  
ctd |OOT-intra|: 0.0" ( $0.1\sigma$ )  
ctlg - <OOT-intra>: 15.0" ( $0.4\sigma$ )

Target star (0) and 15 nearest nbhrs  
TICID (Tmag)

|     |                  |
|-----|------------------|
| 0:  | 134528212 (13.7) |
| 1:  | 822369085 (15.7) |
| 2:  | 134528207 (12.5) |
| 3:  | 134528174 (15.4) |
| 4:  | 134528188 (15.6) |
| 5:  | 134528255 (14.6) |
| 6:  | 134528175 (15.2) |
| 7:  | 134528237 (15.8) |
| 8:  | 134528168 (12.0) |
| 9:  | 134528216 (14.2) |
| 10: | 134528160 (14.8) |
| 11: | 134528193 (15.7) |
| 12: | 134528270 (15.4) |
| 13: | 134528281 (14.8) |
| 14: | 134528176 (14.1) |
| 15: | 134528269 (15.4) |

