

Detrended Full LC

TCE: *tess*410153553.01

$P = 0.463$ Day

$T_0 = 1325.718$ BJD

$R_p \sim 1.222$

$R_p/R_{star} \sim 0.059$

$T_{dur}/P \sim 0.069$

$T_{dur} \sim 0.769$ hr

$T_{12}/T_{14} \sim 0.351$

$SN_{BLS} \sim 58.9$ $SNR \sim 50.8$

Star: TIC410153553

$R_* \sim 0.2R_{\odot}$ $M_* \sim 0.2M_{\odot}$

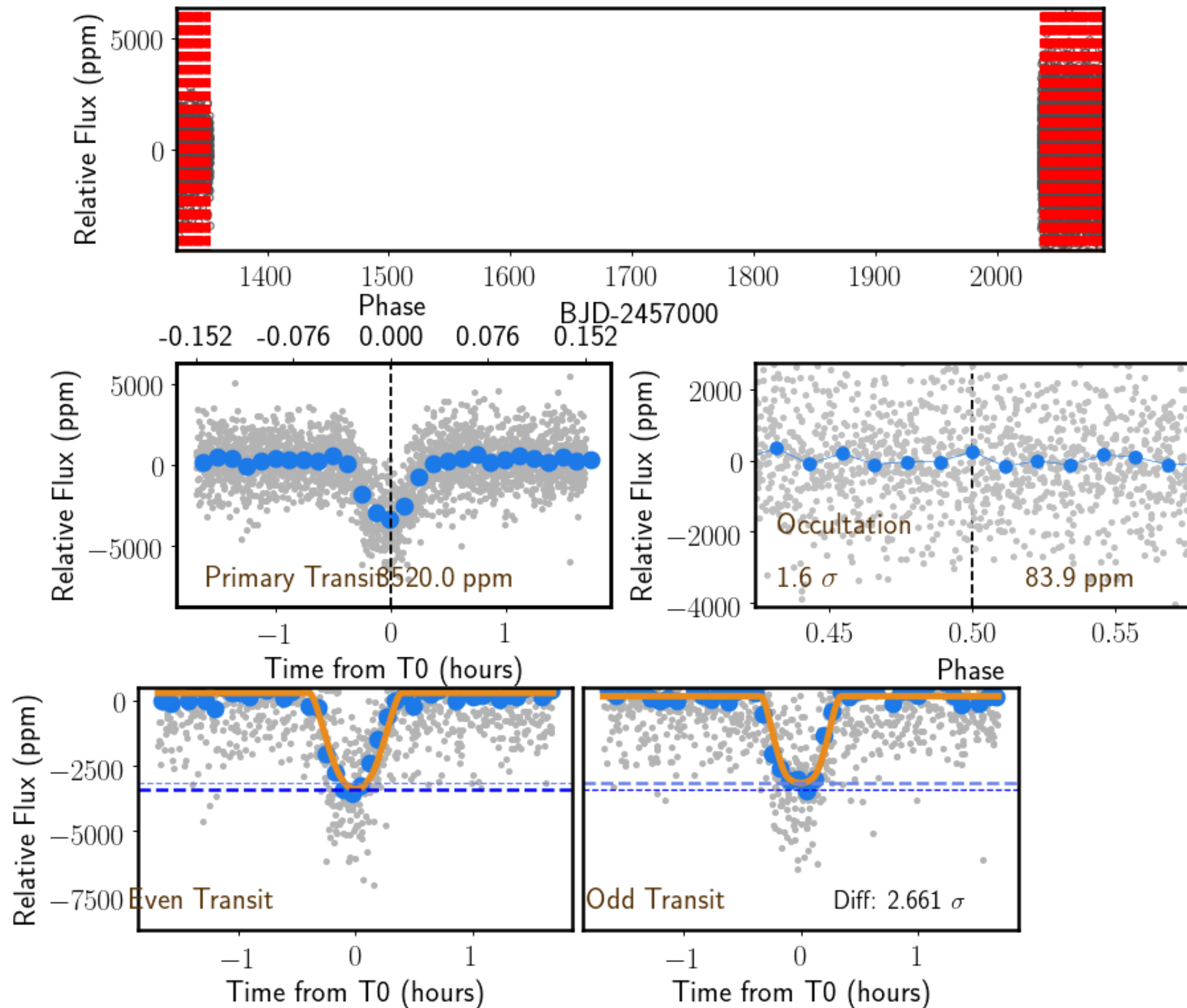
$T_{eff} \sim 3004K$ $logg \sim 5.09$

RA = 340.492 DEC = -69.169

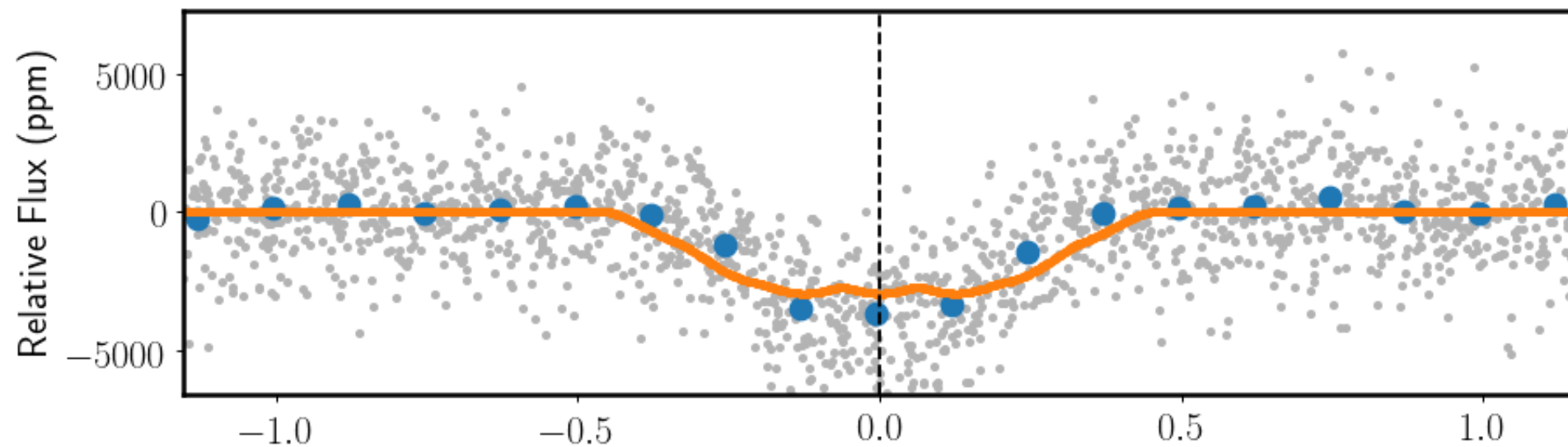
TMag = 11.9 $J - K = 0.9$

$gb - gr = nan$ $par = 67.2$

$pmra = 334.4$ $pmdec = -727.0$



410153553.01: Detailed transit fitting information



MCMC parameters

fp: None

a: 4.84855 [4.35914, 5.65892]

b: 0.99264 [0.92391, 1.04063]

ecc: 0.0

rhostarobs: 42.2 [30.6, 67]

u1: 0.18981 [0.07508, 0.34447]

period: 0.46293 [0.46293, 0.46293]

per: 0.46292980291529895

u2: 0.26738 [0.09861, 0.42772]

u: [0.18980712187460702, 0.2673788101237372]

t0: 2086.31916 [2086.31889, 2086.31946]

w: 90

rp: 0.13205 [0.09598, 0.16607]

inc: 78.18632497396453