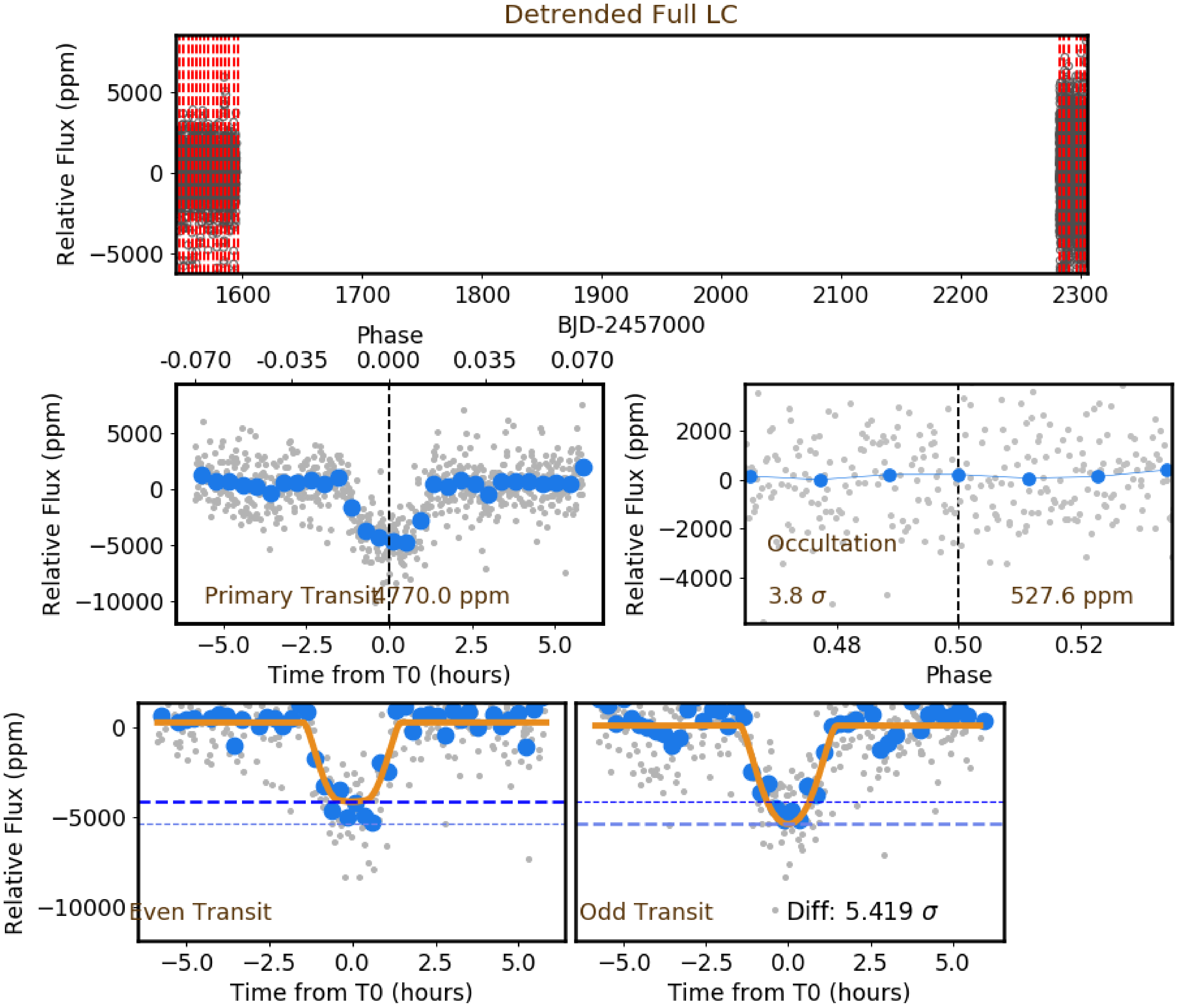


TCE: *tess*151920165.01

$P = 3.468$ Day

$T_0 = 1547.981$ BJD

$Rp \sim 11.923$

$Rp/Rstar \sim 0.069$

$T_{dur}/P \sim 0.032$

Tdur ~ 2.662 hr

$T_{12}/T_{14} \sim 0.208$

$SN_{\mathrm{BLS}} \sim 24.9$ $SNR \sim 26.6$

Star: TIC151920165

$R_* \sim 1.6 R_\odot$ $M_* \sim 1.1 M_\odot$

$T_{\mathrm{eff}} \sim 5886K$ $logg \sim 4.07$

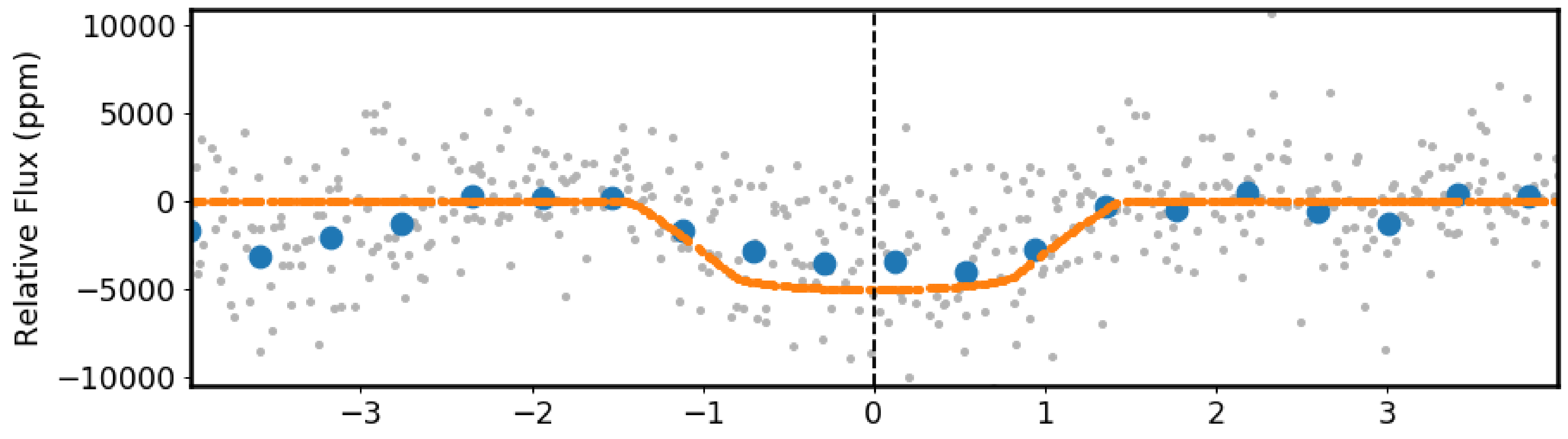
RA $= 168.564$ DEC $= -37.910$

TMag $= 12.6$ $J-K = 0.4$

$gb - gr = nan$ $par = 1.4$

$pmra = -0.6$ $pmdec = 0.5$

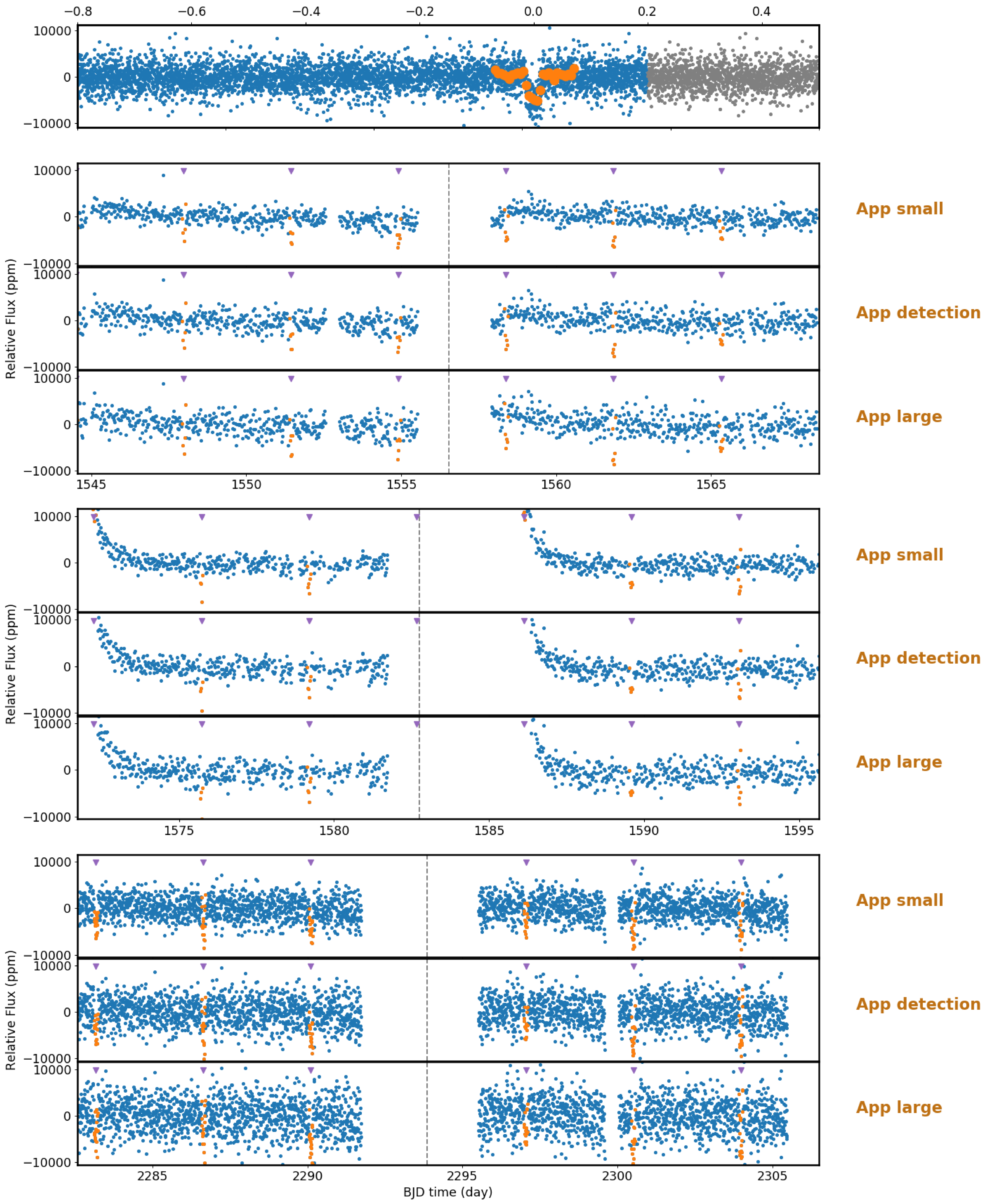
151920165.01: Detailed transit fitting information



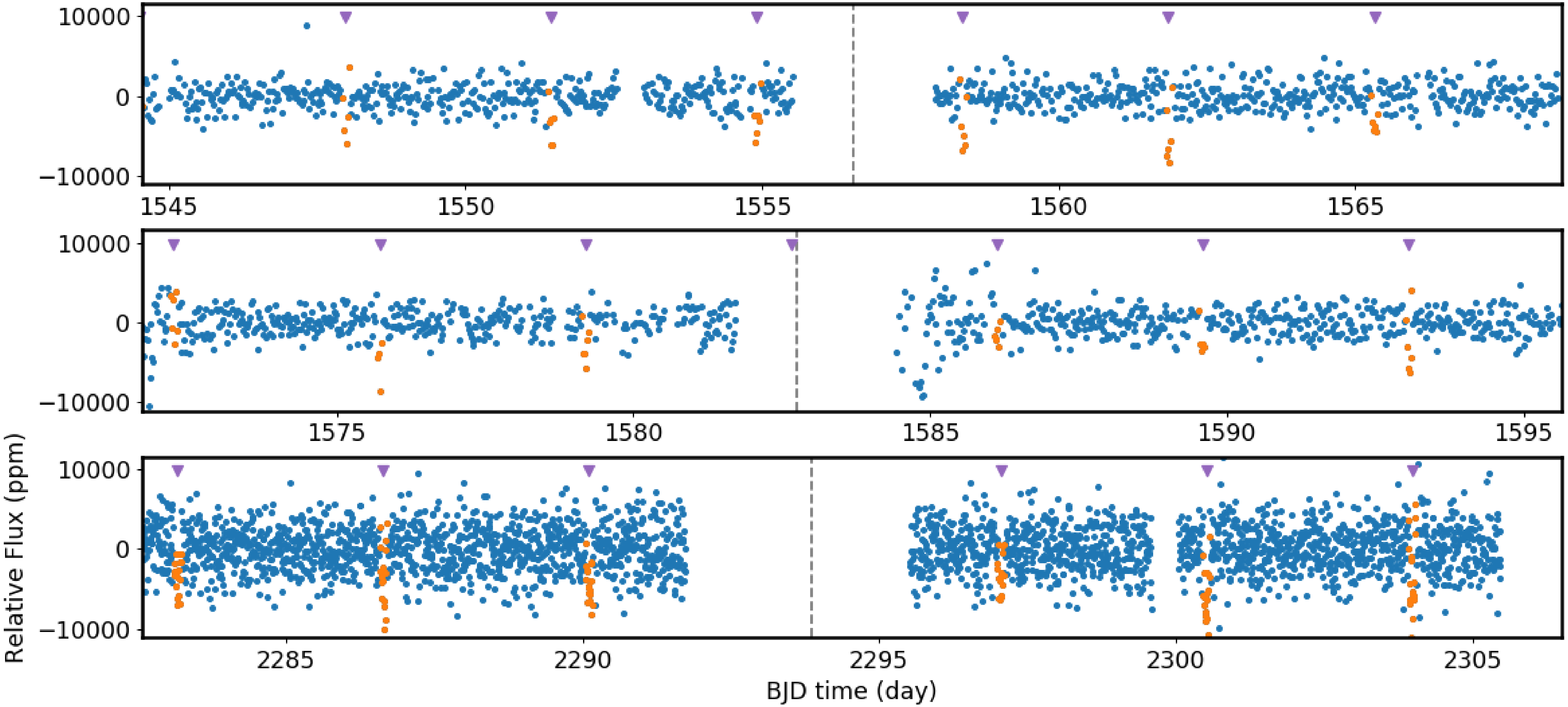
MCMC parameters

fp: None
a: 11.2752346 [9.4603591, 12.0994119]
b: 0.3007434 [0.0725056, 0.6213717]
ecc: 0.0
rhostarobs: 9.45 [5.58, 11.7]
u1: 0.2627177 [0.0926924, 0.4196427]
period: 3.4671474 [3.4663050, 3.4679180]
per: 3.467147448498666
u2: 0.2213534 [0.0639026, 0.3999312]
u: [0.26271774377666823, 0.22135340786107355]
t0: 2303.9742349 [2303.9716157, 2303.9767471]
w: 90
rp: 0.0669349 [0.0644367, 0.0696739]
inc: 88.47157303903711

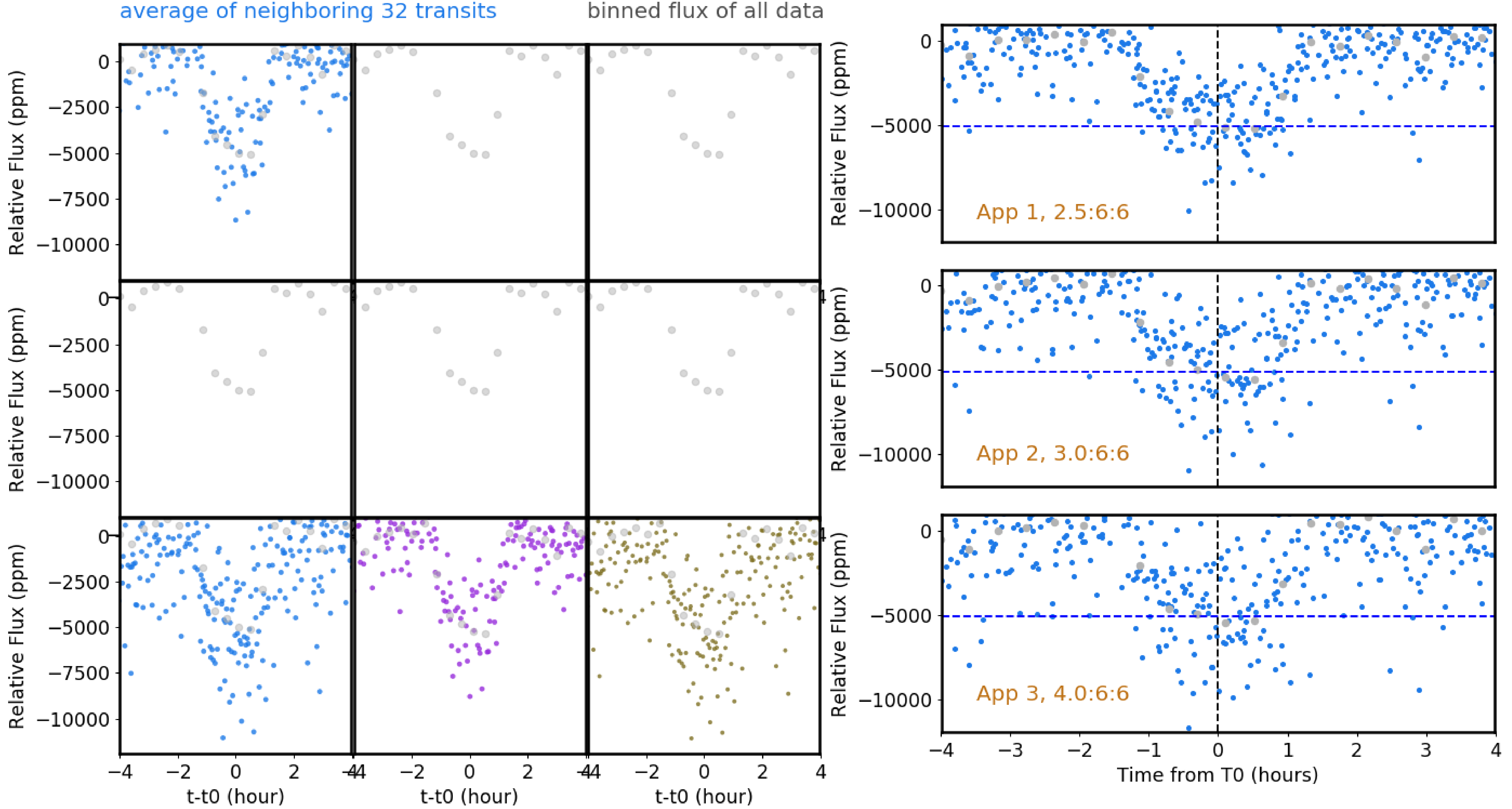
151920165.01: Detailed raw light curve information



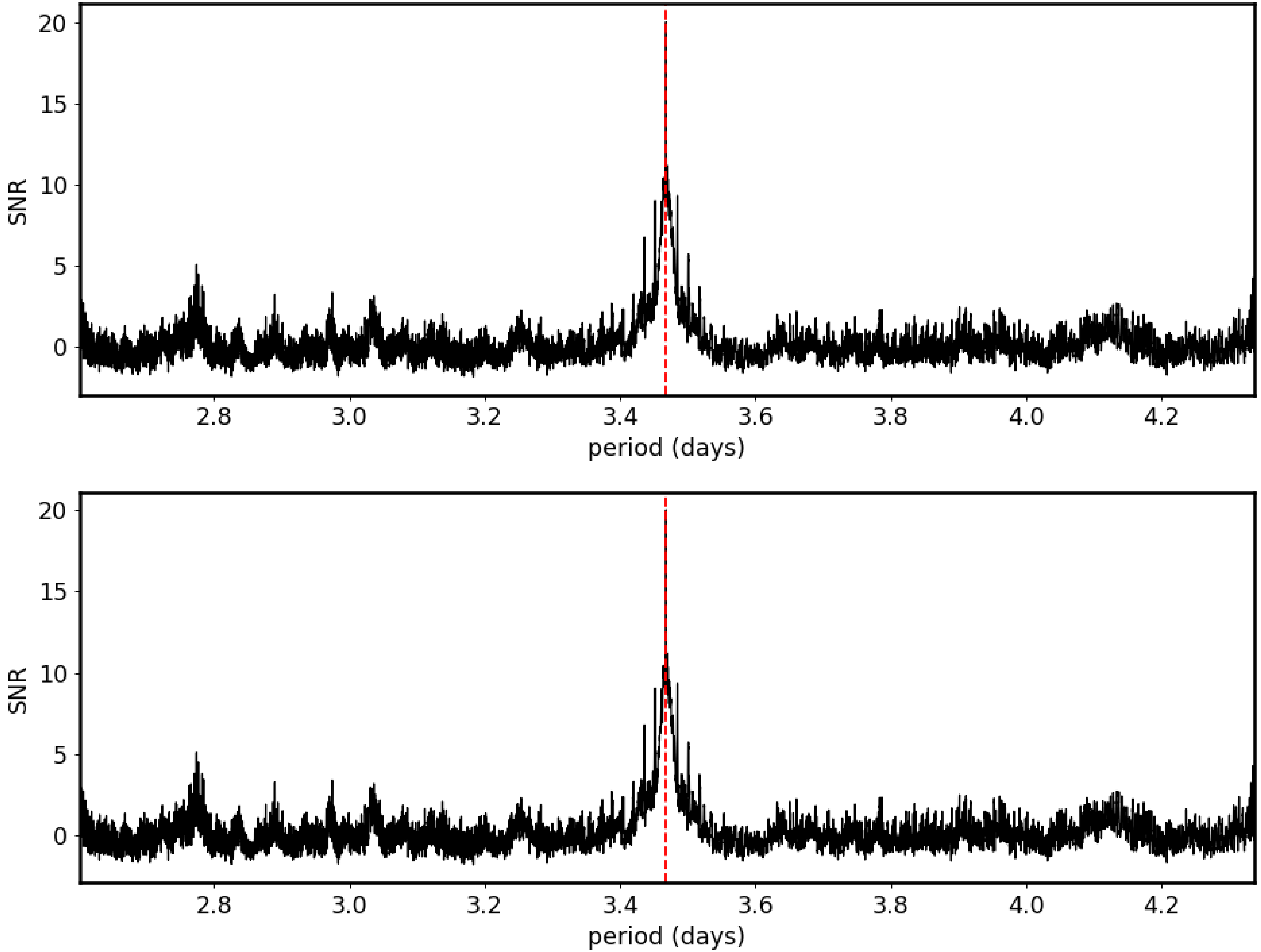
151920165.01: Detailed raw light curve information



151920165.01: Detailed transit information



151920165.01: BLS Analysis



151920165: BLS Data:

Depth: 0.0048

Npointsaftertransit: 162

Npointsbeforetransit: 152

Npointsintransit: 157

Ntransits: 18

OOTmag: 12.6

Period: 3.468

Qingress: 0.208

Qtran: 0.032

Rednoise: 0.00026

SDE: 14.8

SN: 24.9

SR: 0.00073

SignaltoPinknoise: 26.57

Tc: 1547.9806

Whitenoise: 0.0021

deltaChi2: -15

fraconenight: 0.097

i1: 0.97

i2: 1.00