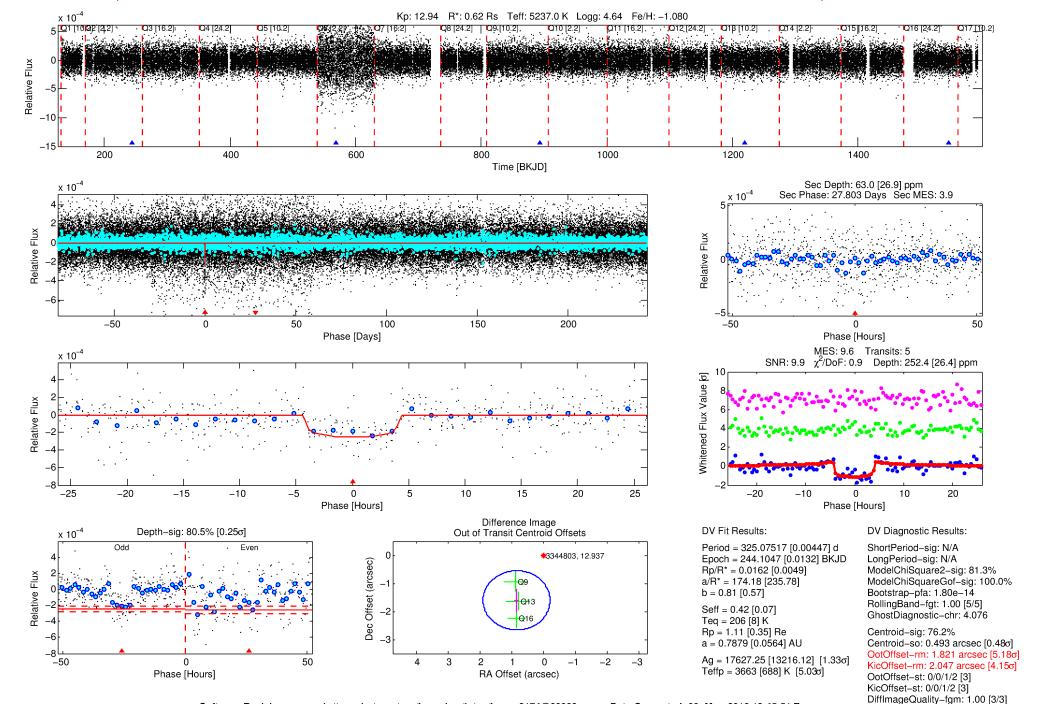
WARNING: THIS DATA IS SIMULATED, NOT OBSERVED

DV One-Page Summary

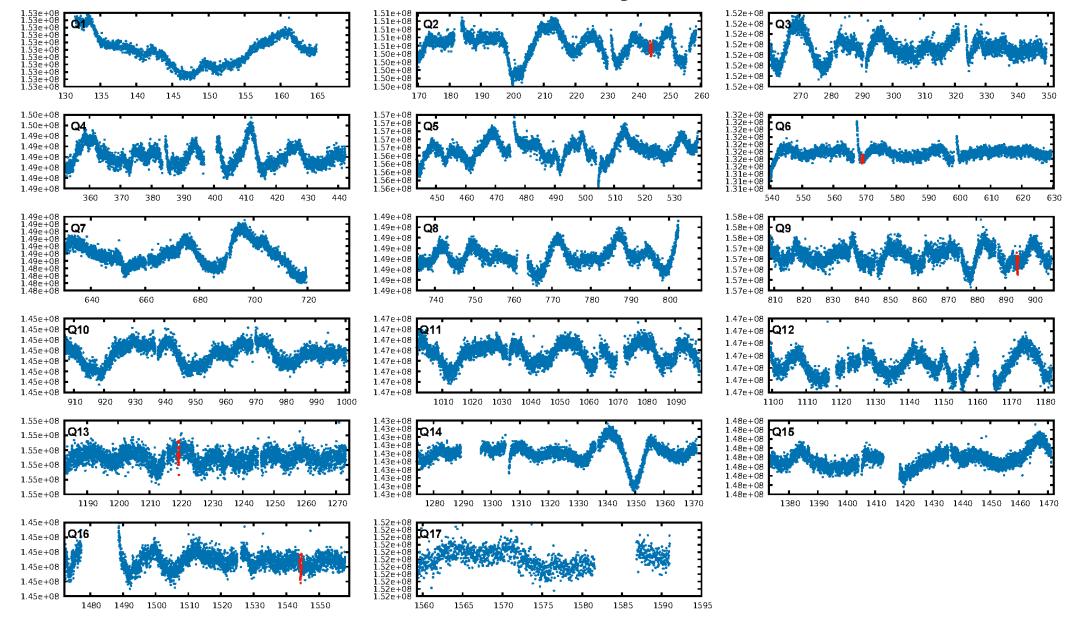
KIC: 3344803 Candidate: 1 of 1 Period: 325.075 d

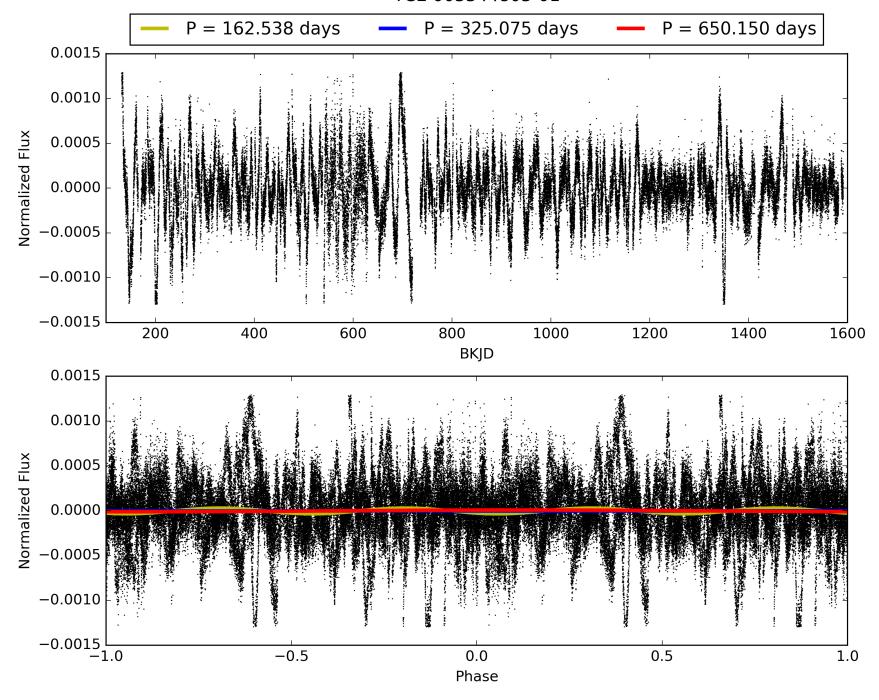
WARNING: THIS DATA IS SIMULATED, NOT OBSERVED

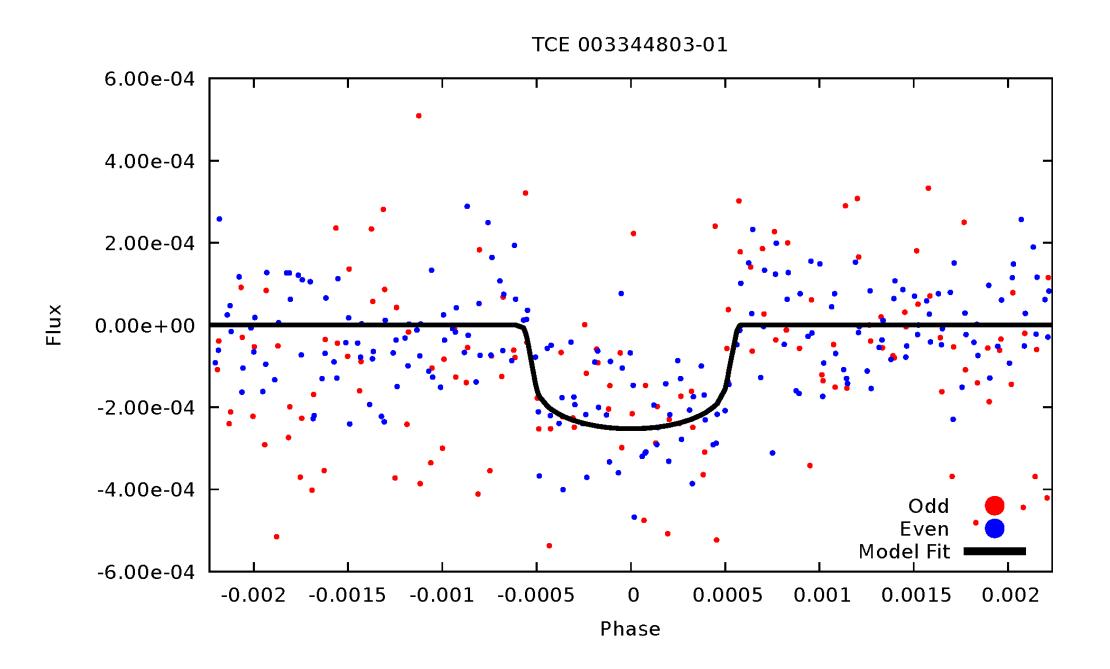
DiffImageOverlap-fno: 1.00 [5/5]



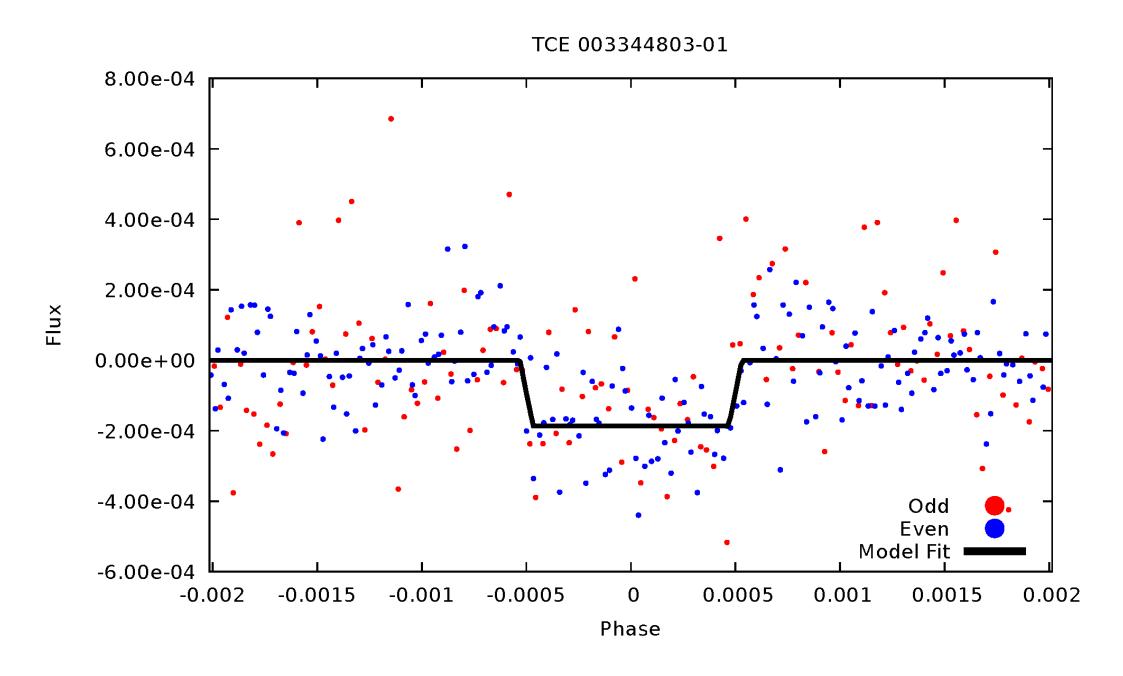
TCE 003344803-01, PDC Light Curves



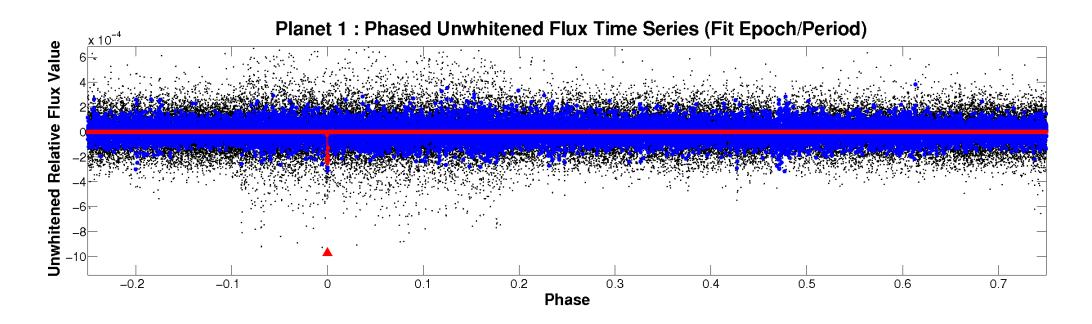


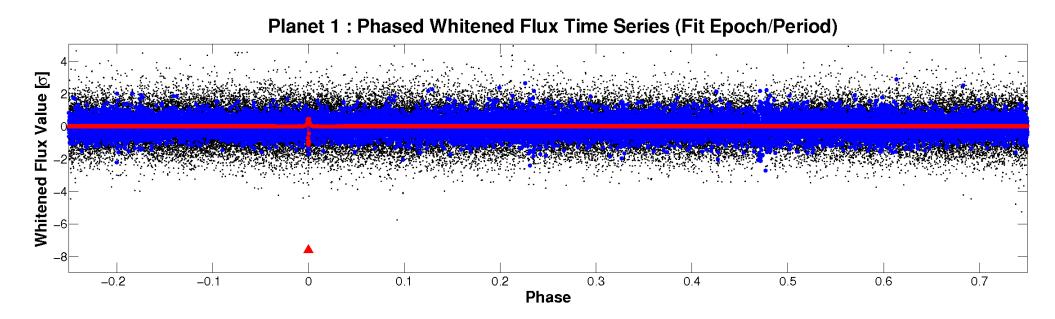


ALT Odd/Even



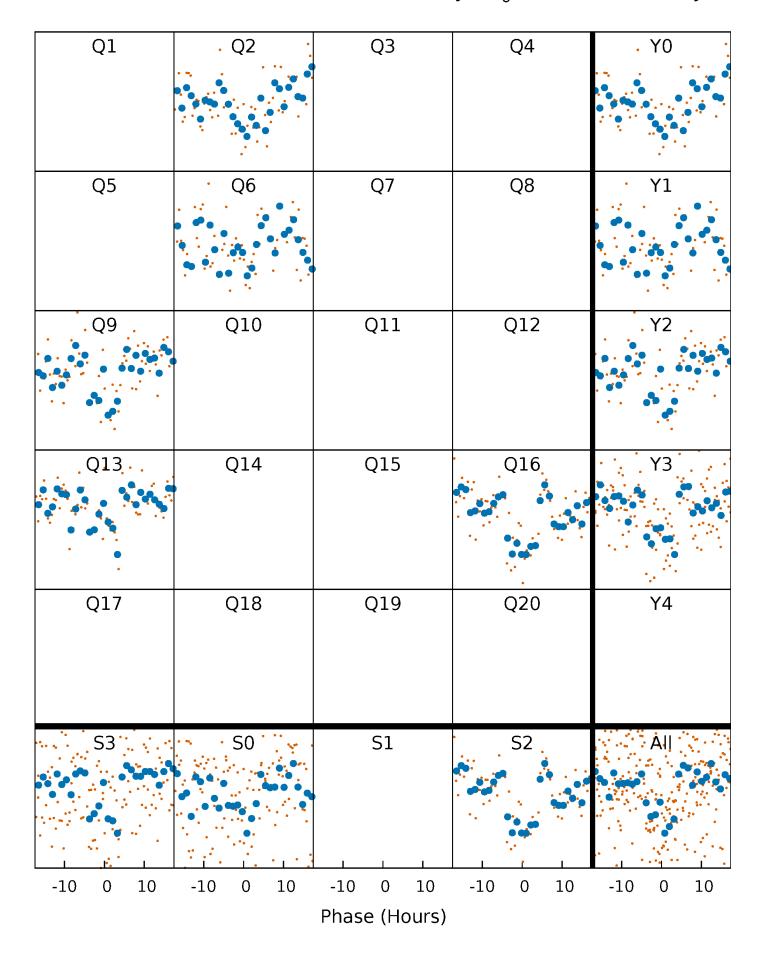
Non-Whitened Vs. Whitened Light Curve





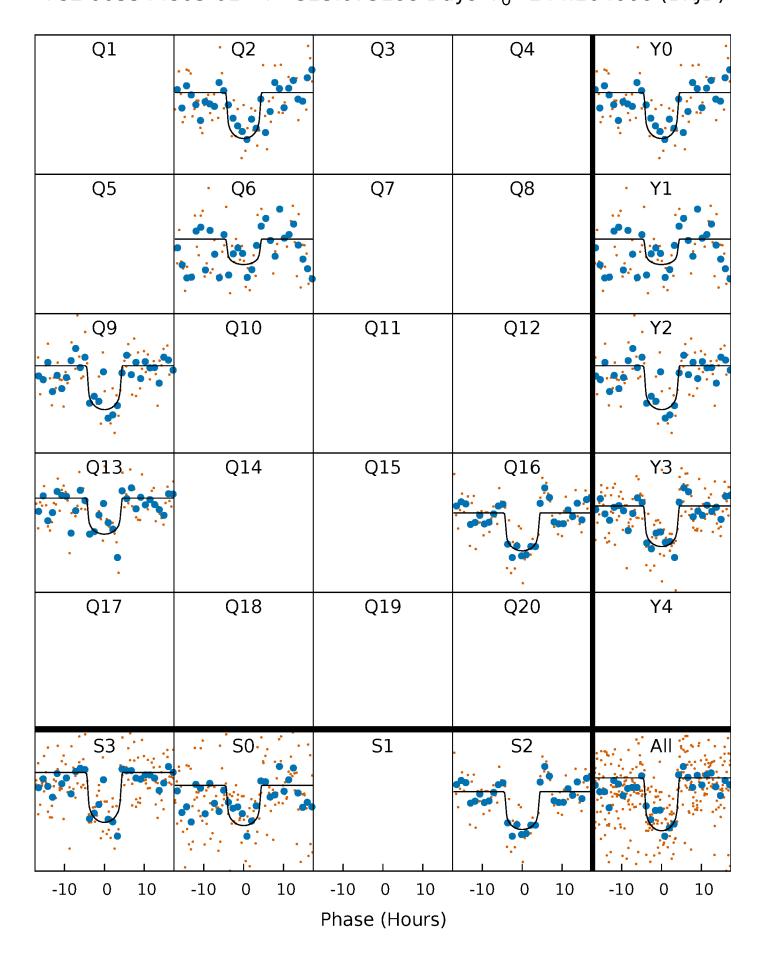
PDC Quarter-Phased Transit Curves

TCE 003344803-01 $P=325.075168 Days T_0=244.104666 (BKJD)$



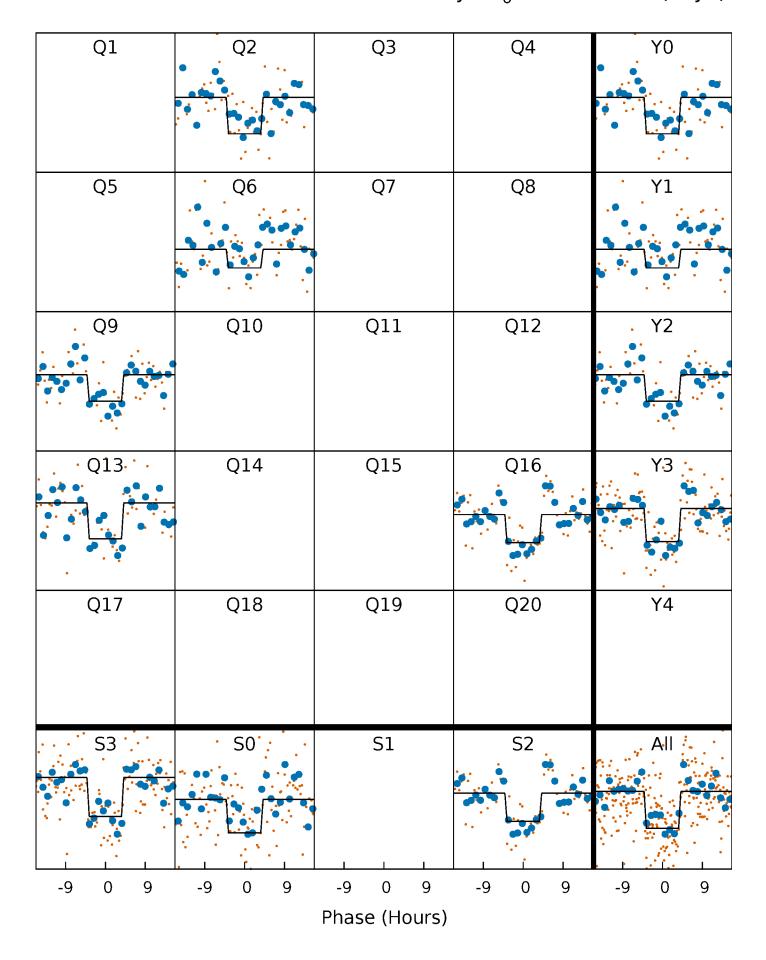
DV Quarter-Phased Transit Curves

TCE 003344803-01 $P=325.075168 Days T_0=244.104666 (BKJD)$



Alt. Detrend Quarter-Phased Transit Curves

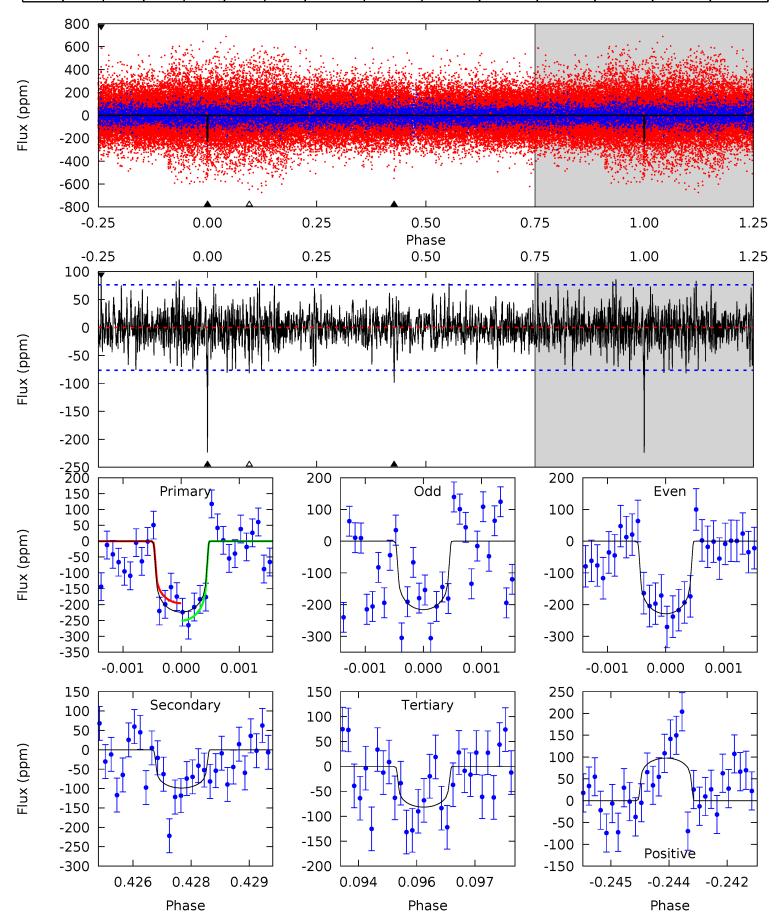
TCE 003344803-01 $P=325.070695 Days T_0=244.116385 (BKJD)$



DV Model-Shift Uniqueness Test

003344803-01, P = 325.075168 Days, E = 244.104666 Days

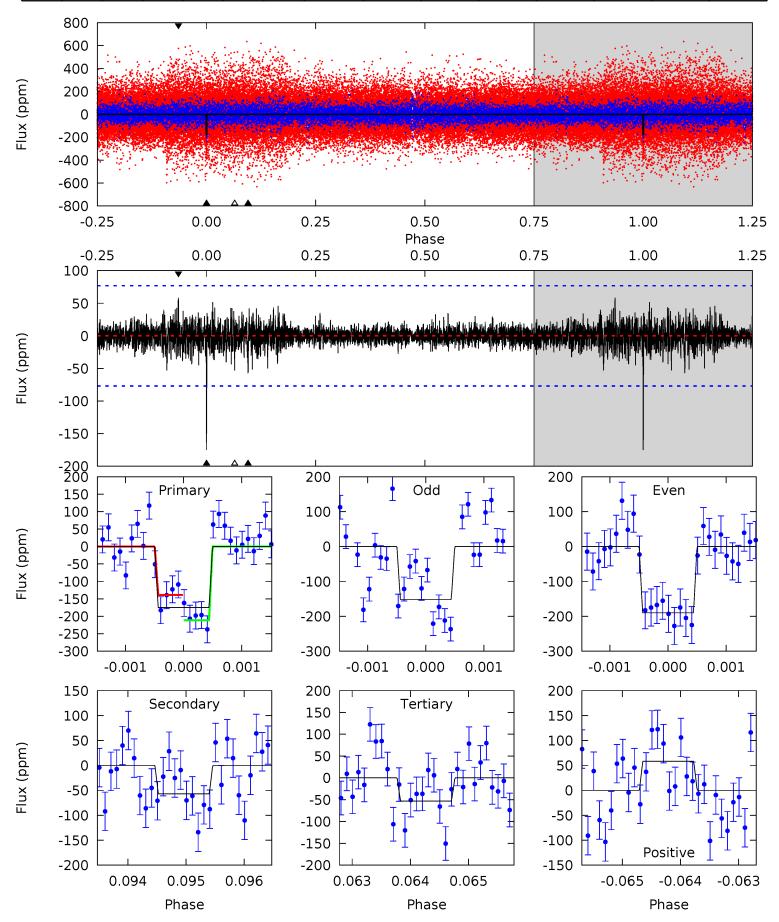
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
15.9	6.99	5.78	6.92	5.42	3.24	1.63	10.1	8.93	1.21	0.07	0.44	0.99	0.30	1.95



Alt Model-Shift Uniqueness Test

003344803-01, P = 325.070695 Days, E = 244.116385 Days

Pr	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.	4.04	3.75	4.13	5.44	3.27	0.82	8.63	8.26	0.29	-0.08	1.26	0.87	0.25	2.57



Stellar Parameters For KIC 003344803

	$T_{\rm eff}(K)$	$\log(g)$	[Fe/H]	$R \left(\mathrm{R}_{\odot} \right)$	$M(\mathrm{M}_{\odot})$	$p_{\star} (\text{g} \cdot \text{cm}^{-3})$
	5237^{+156}_{-141}	$4.638^{+0.065}_{-0.040}$	$-1.080^{+0.300}_{-0.300}$	$0.624^{+0.048}_{-0.043}$	$0.617^{+0.053}_{-0.022}$	$3.580^{+0.884}_{-0.546}$
	+3%/-3%	+1%/-1%	+28%/-28%	+8%/-7%	+9%/-4%	+25%/-15%
Source	PHO1	KIC0	KIC0		DSEP	

KIC = Kepler Input Catalog; PHO = Photometry; SPE = Spectroscopy; AST = Asteroseismology TRA = Transits; DESP = Dartmouth Models; MULT = Multiple Models

Secondary Eclipse Parameters for KIC 003344803-01 / KOI

Detreno	l Depth (ppm)	$R_p(R_{\bigoplus})$	$T_{max}(K)$	T_{obs} (K)	A_{obs}
DV	-99±14	$1.10^{+0.35}_{-0.34}$	285_{-9}^{+10}	4272^{+664}_{-401}	27766^{+31198}_{-12187}
Alt.	-57±14	$0.92^{+0.34}_{-0.36}$	286^{+11}_{-10}	4146_{-464}^{+912}	23136^{+37849}_{-11713}

 T_{max} = Theoretical Maximum Planetary Temperature T_{obs} = Observed Planetary Temperature (Assuming A=0.3) A_{obs} = Observed Albedo (Assuming T=0)

If a secondary eclipse is present, the system is likely an EB if $T_{obs} \gg T_{max}$ AND $A_{obs} \gg 1.0$

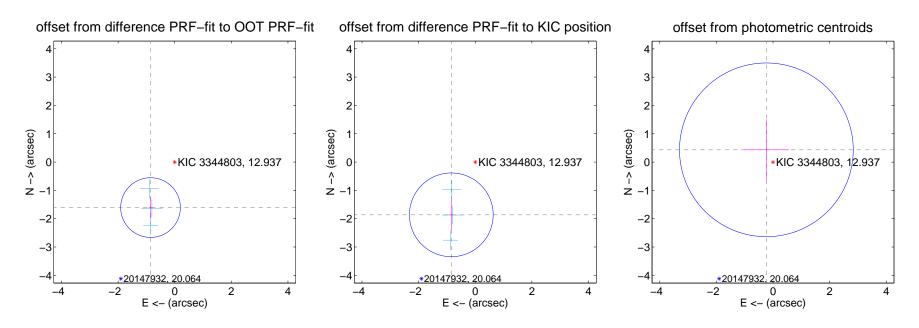
DV Centroid Data

Supplemental centroid analysis for 003344803-01. Kepler magnitude: 12.94. Transit SNR 9.90

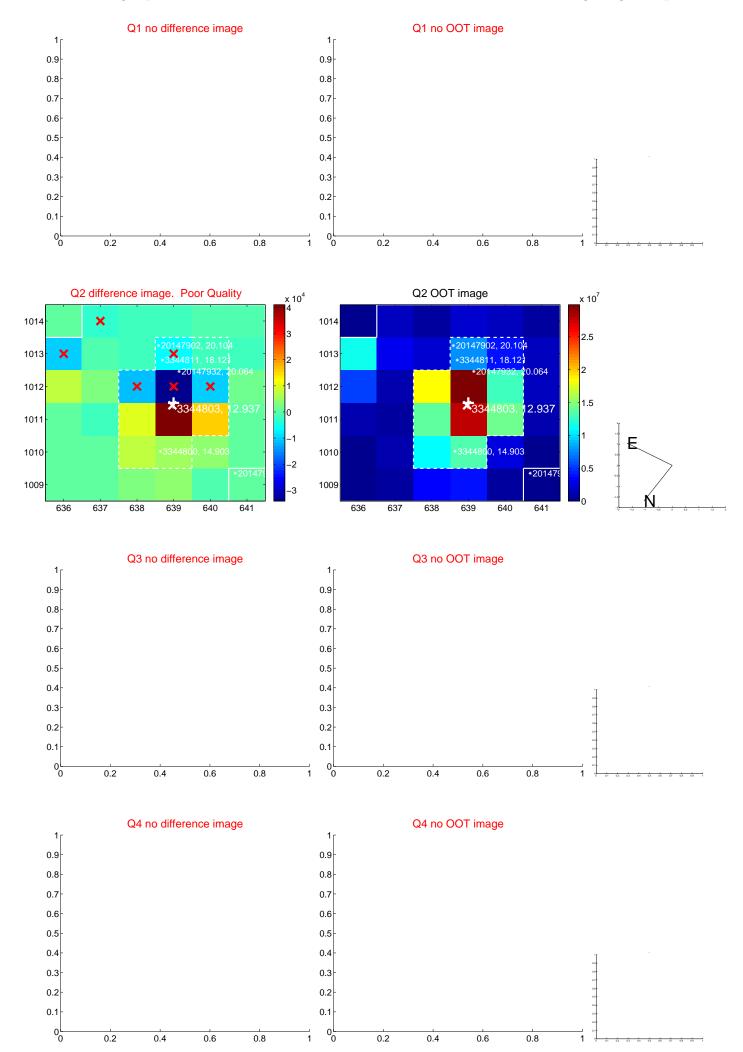
There are 3 quarters with good PRF difference image offsets

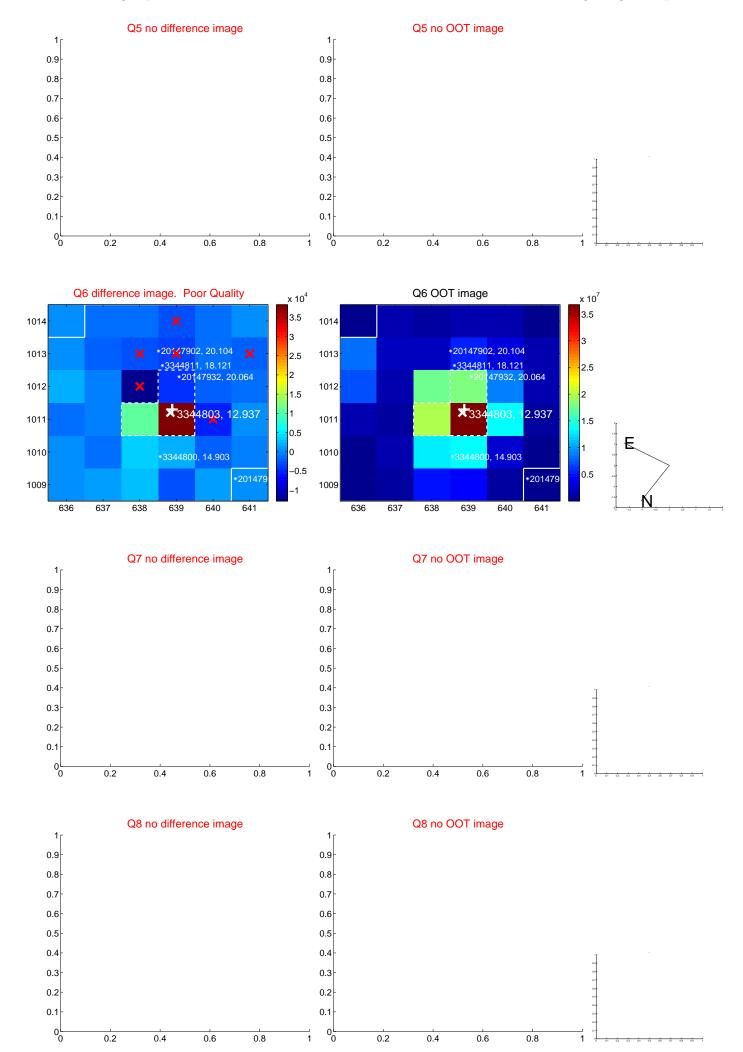
The direct PRF centroid is offset from the target star catalog position by about 0.52 arcsec

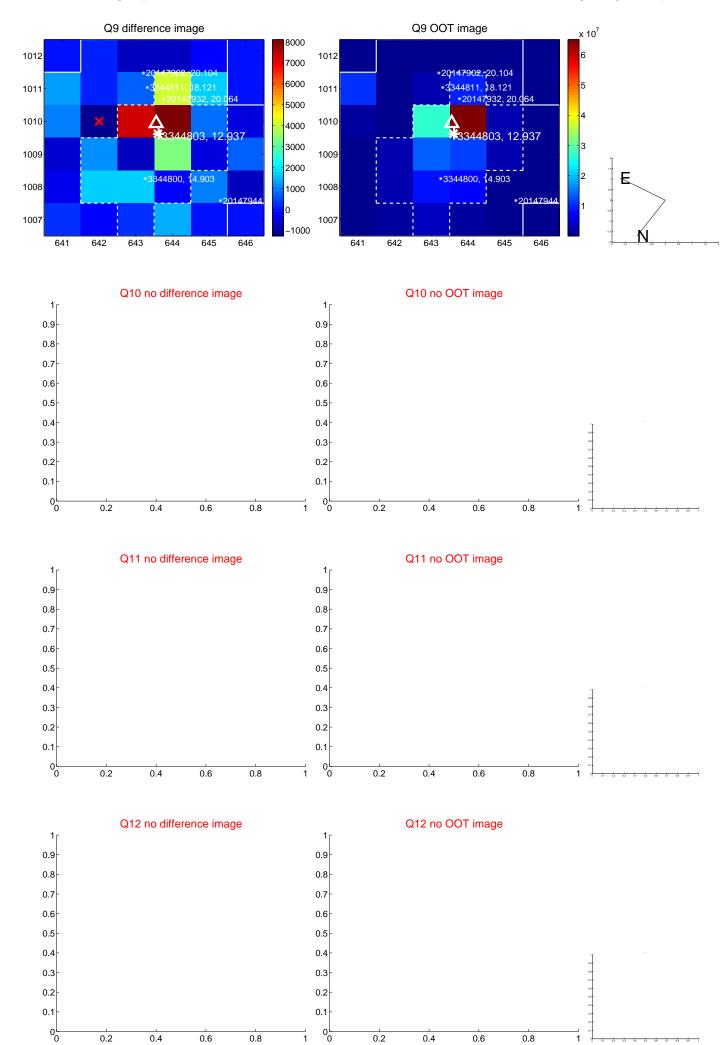
	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	1.821 ± 0.351	5.18	0.854 ± 0.071	-1.608 ± 0.396
PRF-fit source offset from KIC position	2.047 ± 0.493	4.15	0.846 ± 0.071	-1.864 ± 0.540
photometric centroid source offset	0.49 ± 1.02	0.48	0.23 ± 0.80	0.43 ± 1.08

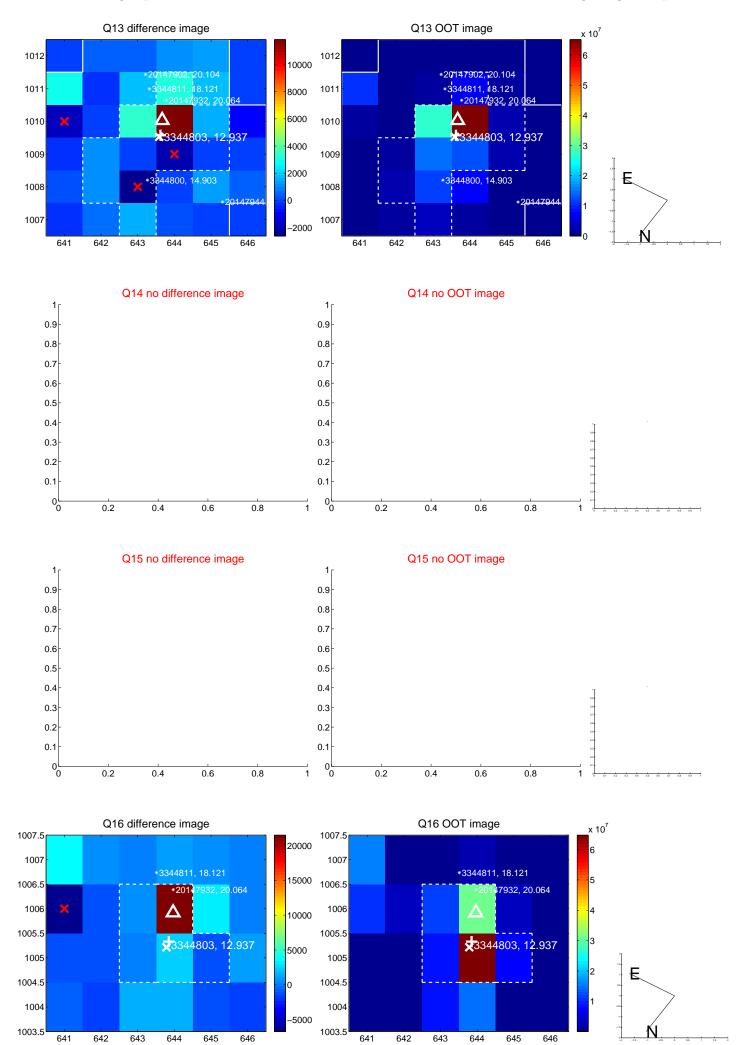


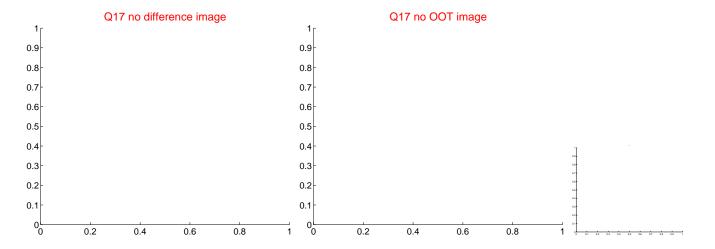
Centroid source offsets from the target star reconstructed from PRF and photometric centroids. Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three- σ . Red *: target star. Blue *: Other stars. Text next to a star gives its KIC ID and kepmag. KIC IDs > 15,000,000 are from the UKIRT catalog.

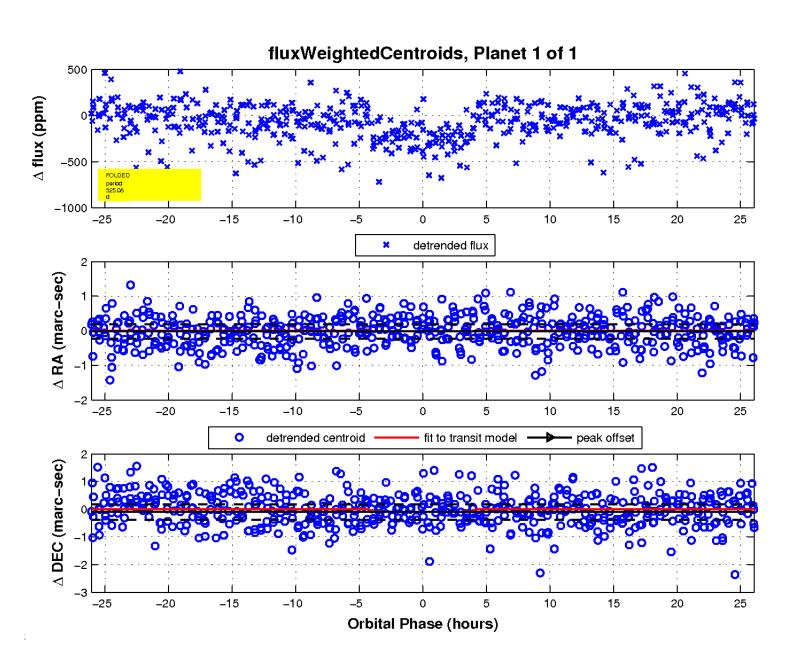












Declination