

KIC 008264404

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_{\star} (R_{\odot})	T_{\star} (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
008264404-01	OBS	No	0.934131	131.866017	313.4	4.084	16.1	16.3	2.94	7497	6.08	49185.43
008264404-02	OBS	No	0.934300	132.023088	302.7	3.302	16.3	13.0	2.94	7497	5.15	49173.61
008264404-03	OBS	No	0.934180	131.526619	187.8	2.500	15.8	-1.0	2.94	7497	4.06	49182.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
008264404-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT
008264404-02	OBS	FP	0.00	1	0	1	0	INDIV_TRANS_SKYE_ZUMA_TRACKER—LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—SAME_NTL_PERIOD—HALO_GHOST
008264404-03	OBS	FP	0.00	1	0	0	0	LPP_DV—NO_FITS—SAME_NTL_PERIOD—CENT_NOFITS

Notes: OBS = Observed. INJ = Injected. INV = Inverted. SCR = Scrambled.

N = Not Transit-Like. S = Stellar Eclipse. C = Centroid Offset. E = Ephemeris Match.

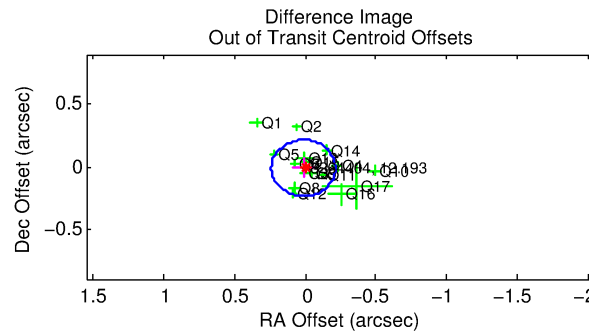
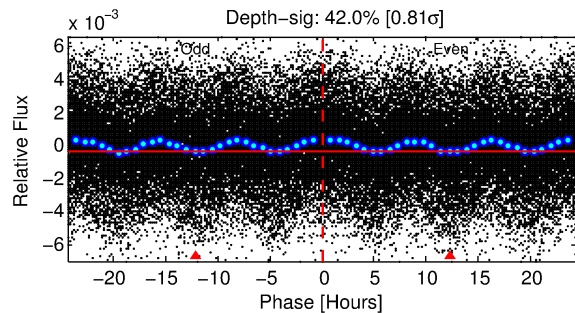
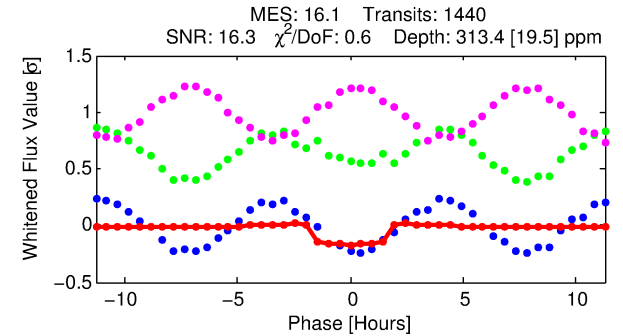
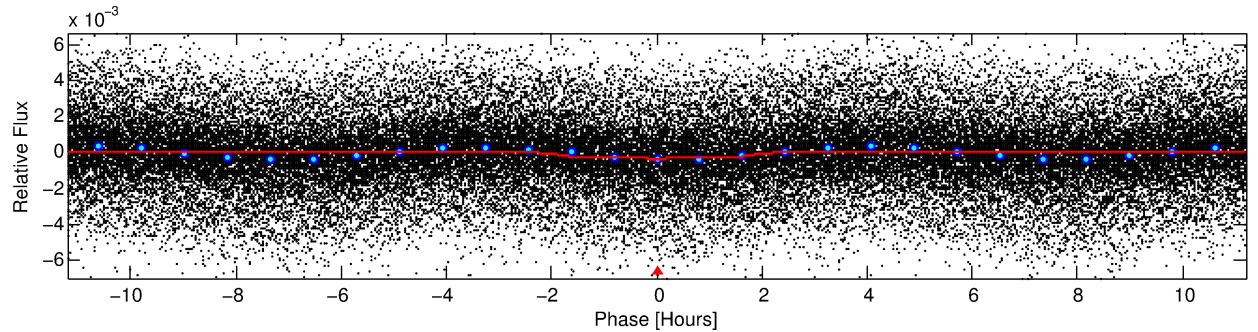
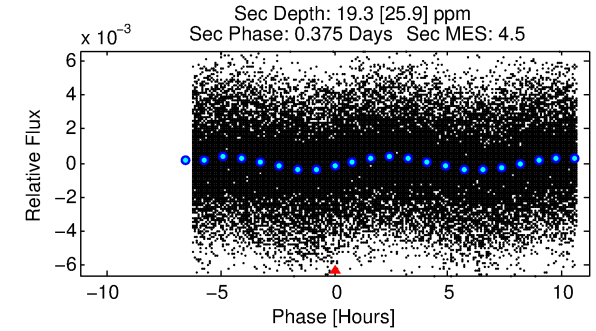
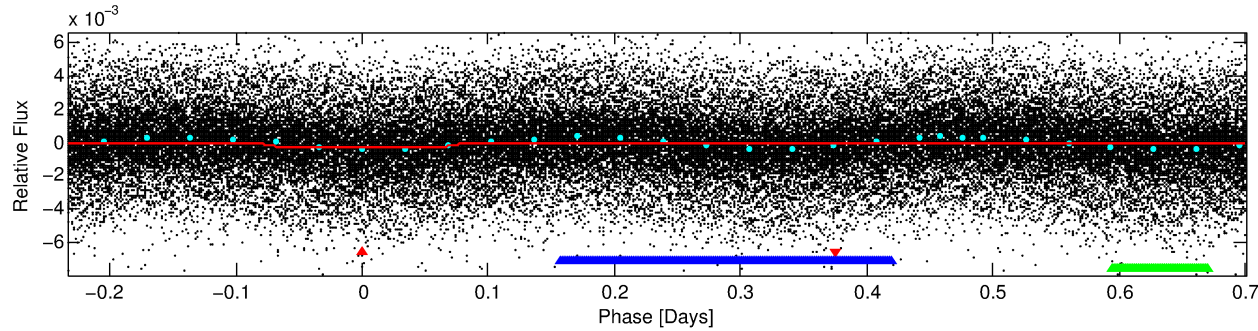
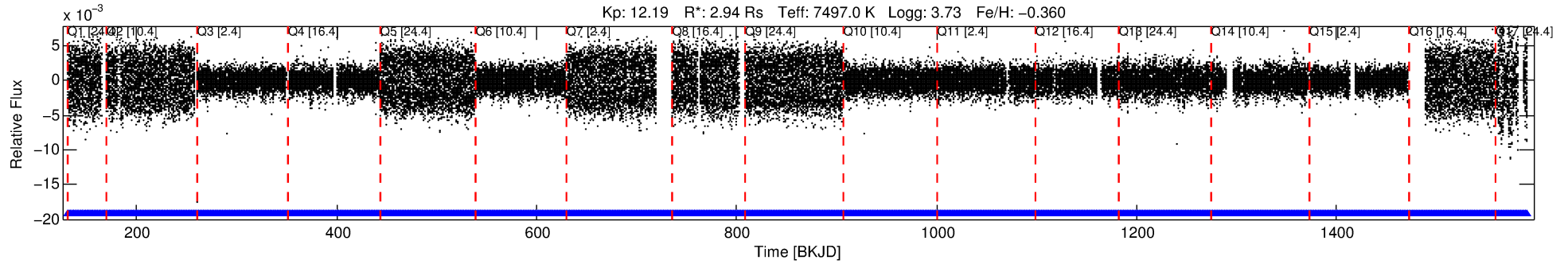
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 008264404-01

No Significant Match Found

DV One-Page Summary

KIC: 8264404 Candidate: 1 of 3 Period: 0.934 d



DV Fit Results:

Period = 0.93413 [0.00001] d
Epoch = 131.8660 [0.0016] BKJD
Rp/R* = 0.0190 [0.0013]
a/R* = 1.26 [0.16]
b = 0.90 [0.07]
Seff = 49185.43 [16135.43]
Teq = 3797 [311] K
Rp = 6.08 [1.46] Re
a = 0.0223 [0.0046] AU
Ag = 0.14 [0.20] [-4.33σ]
Teffp = 3606 [1223] K [-0.15σ]

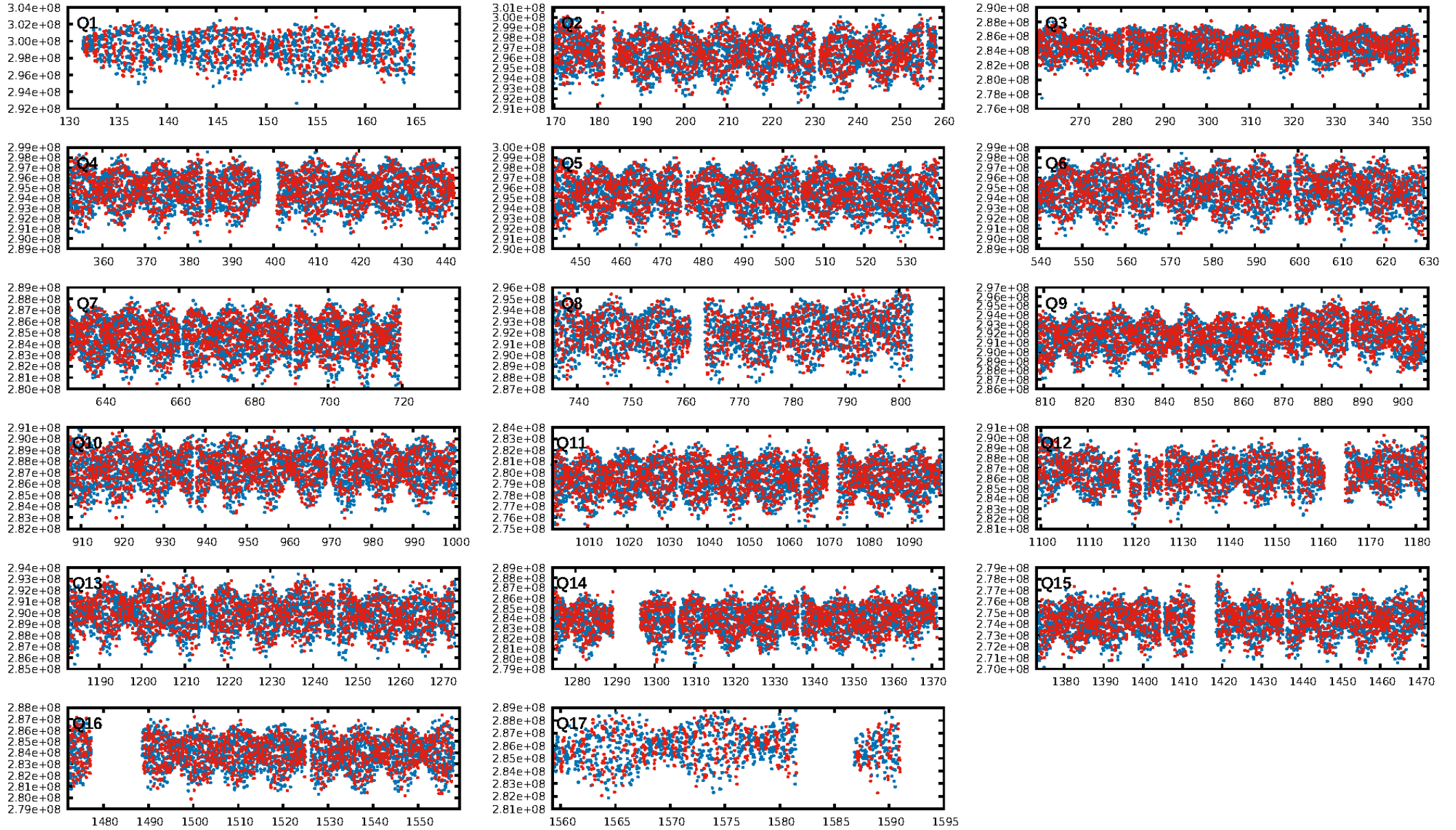
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: 0.0% [0.00σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 1.00 [1374/1374]
GhostDiagnostic-chr: 13.78
Centroid-sig: 0.0%
Centroid-so: 0.092 arcsec [1.29σ]
OotOffset-rm: 0.019 arcsec [0.25σ]
KicOffset-rm: 0.145 arcsec [1.79σ]
OotOffset-st: 4/4/4/5 [17]
KicOffset-st: 4/4/4/5 [17]
DiffImageQuality-fgm: 1.00 [17/17]
DiffImageOverlap-fno: 0.00 [0/17]

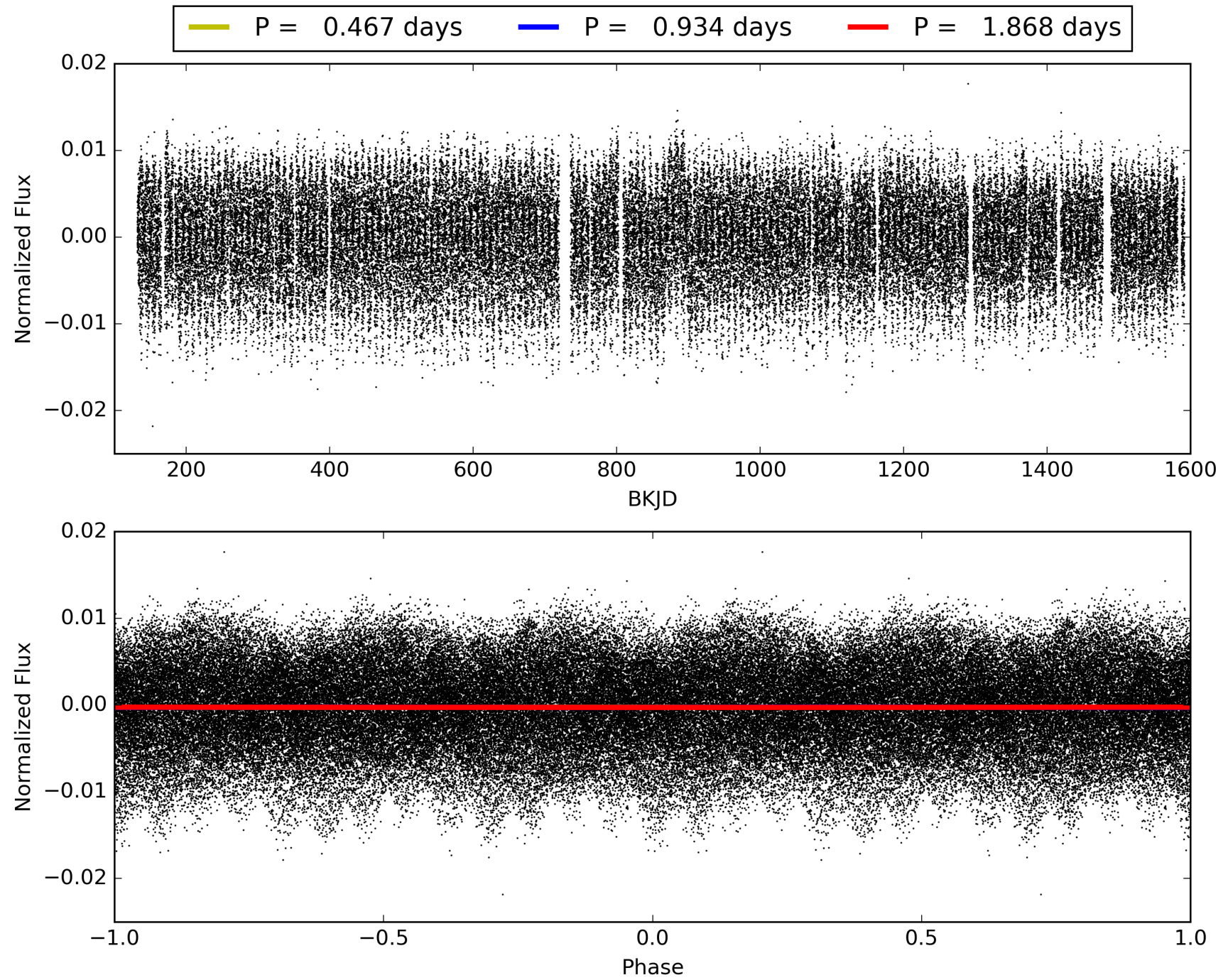
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 31-Jan-2016 05:54:36 Z

This Data Validation Report Summary was produced in the Kepler Science Operations Center Pipeline at NASA Ames Research Center

TCE 008264404-01, PDC Light Curves

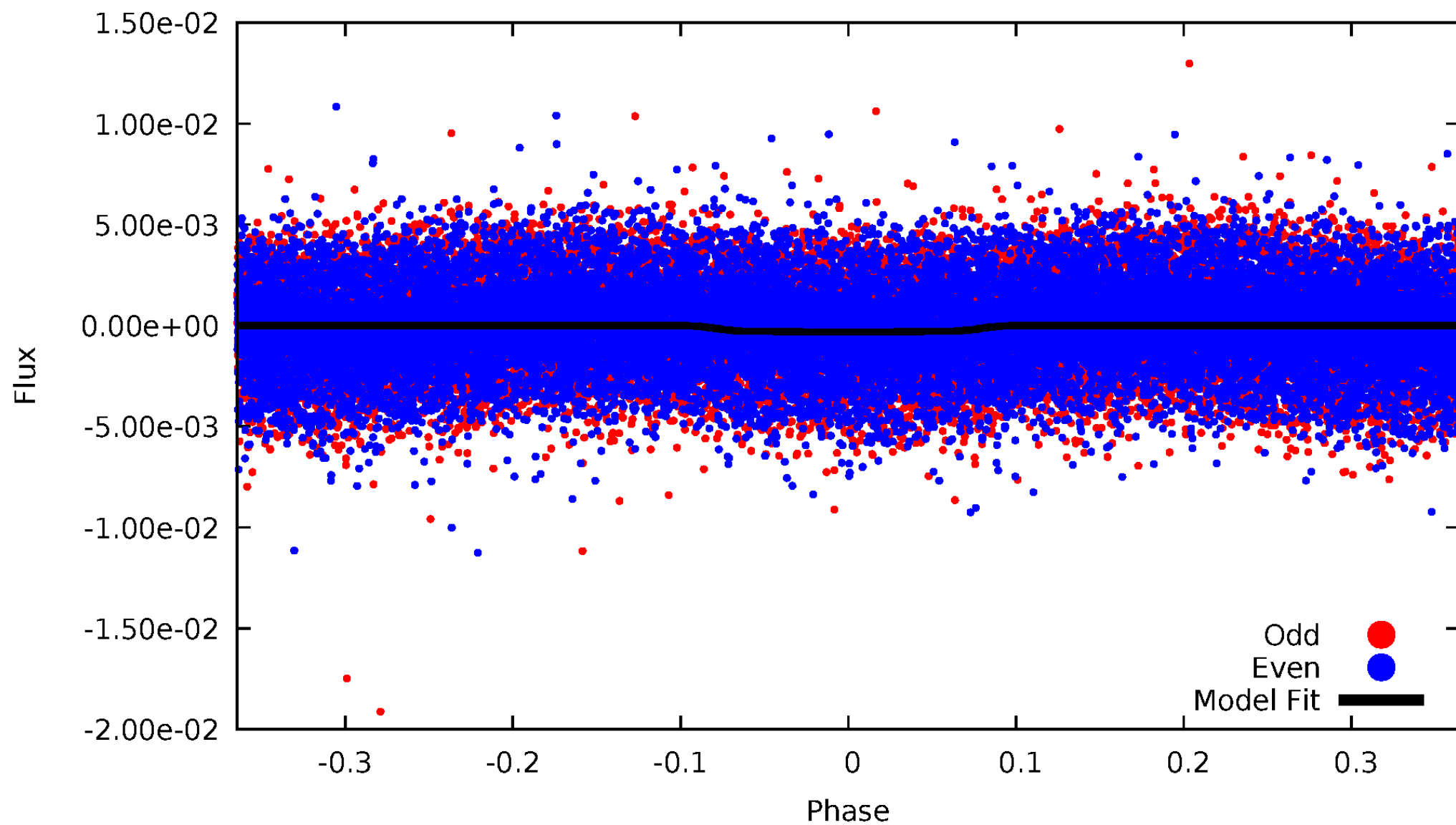


TCE 008264404-01



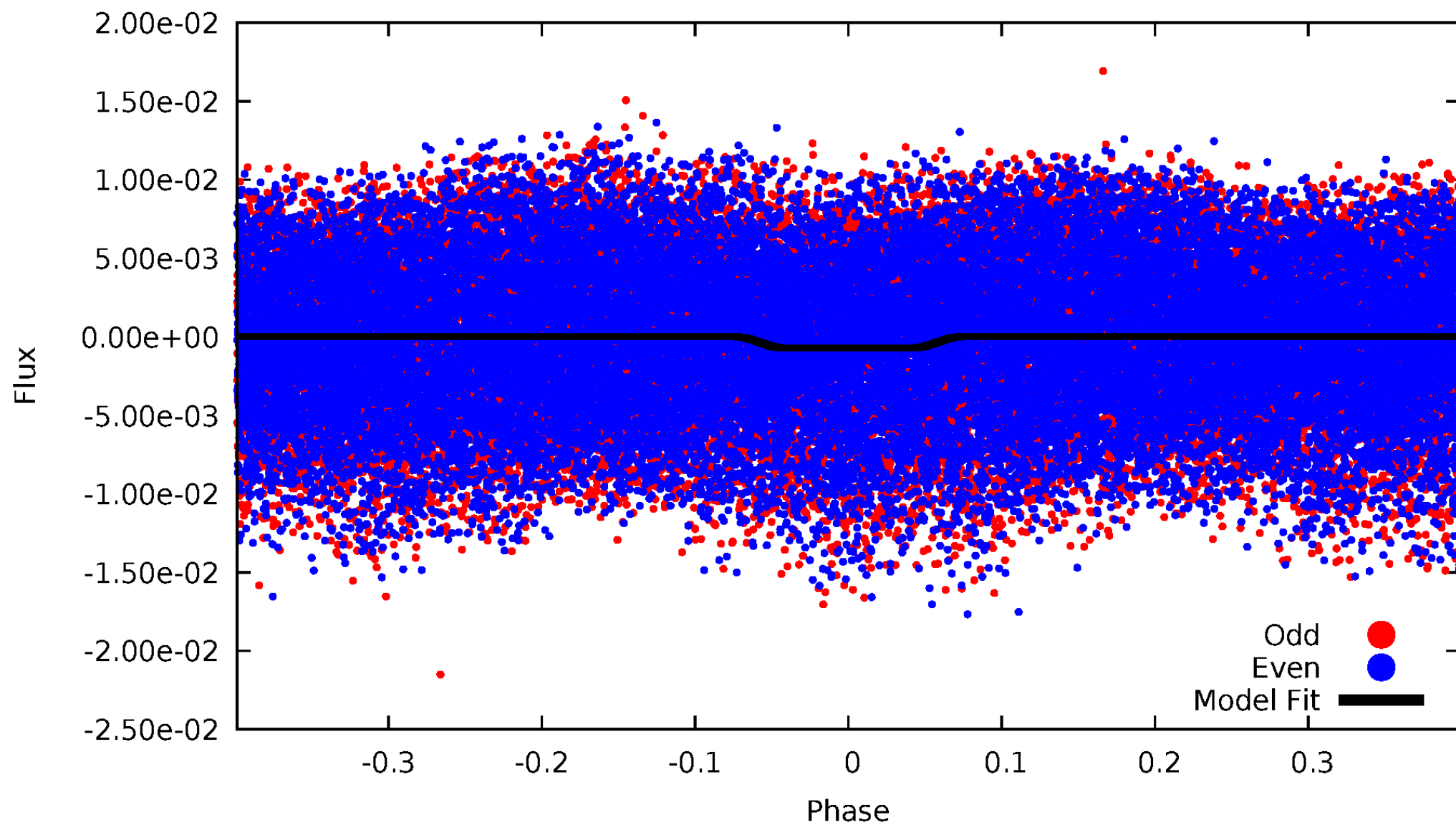
DV Odd/Even

TCE 008264404-01

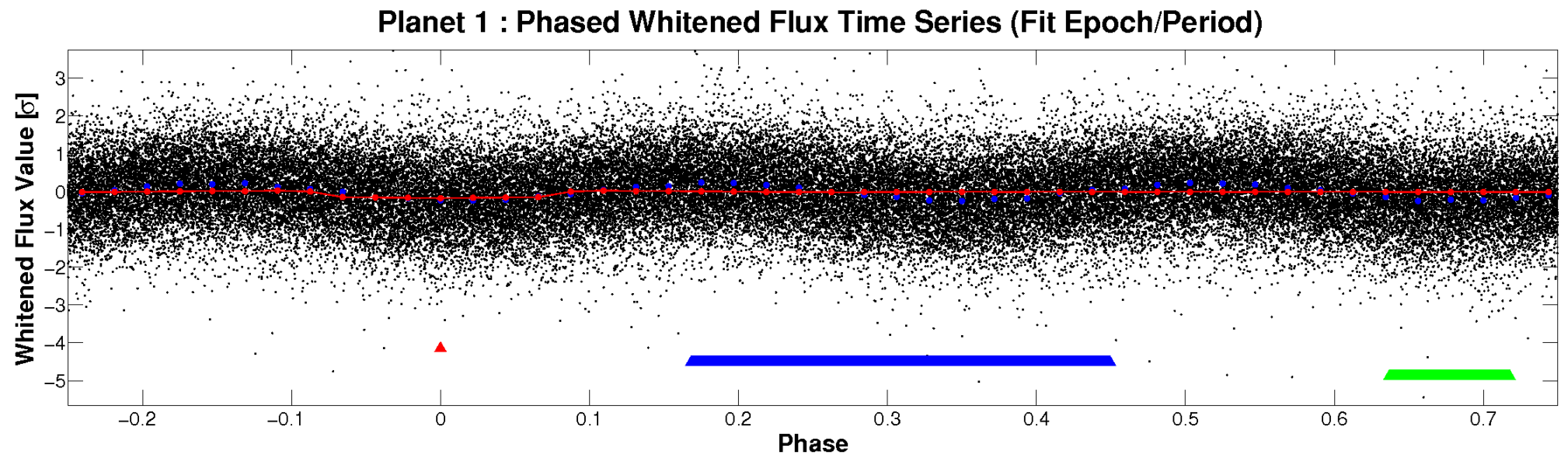
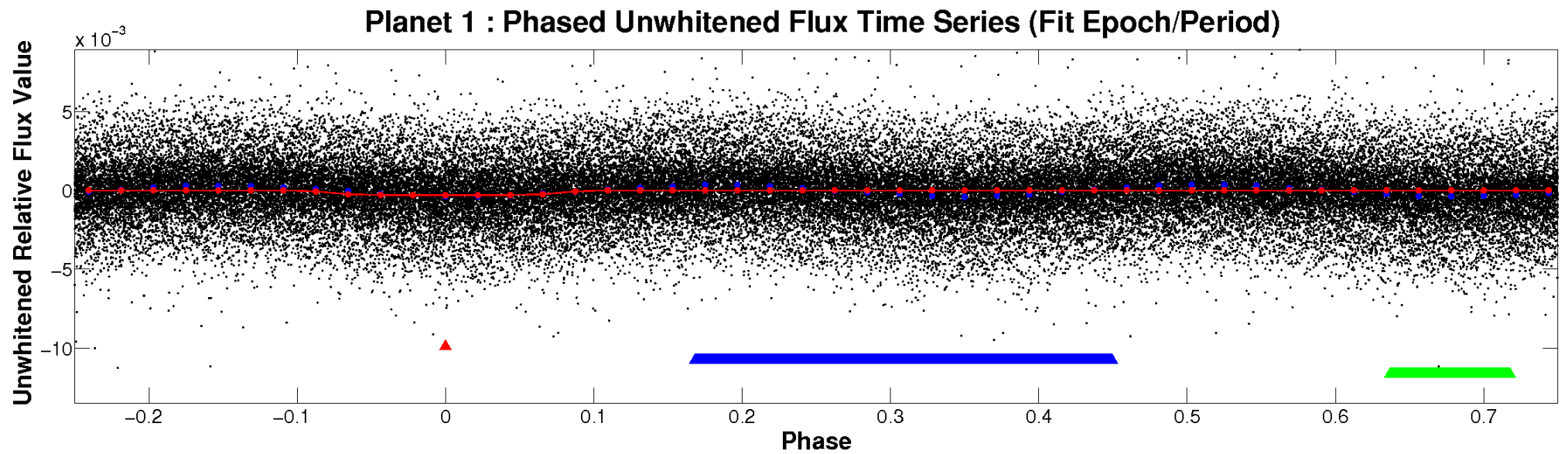


ALT Odd/Even

TCE 008264404-01

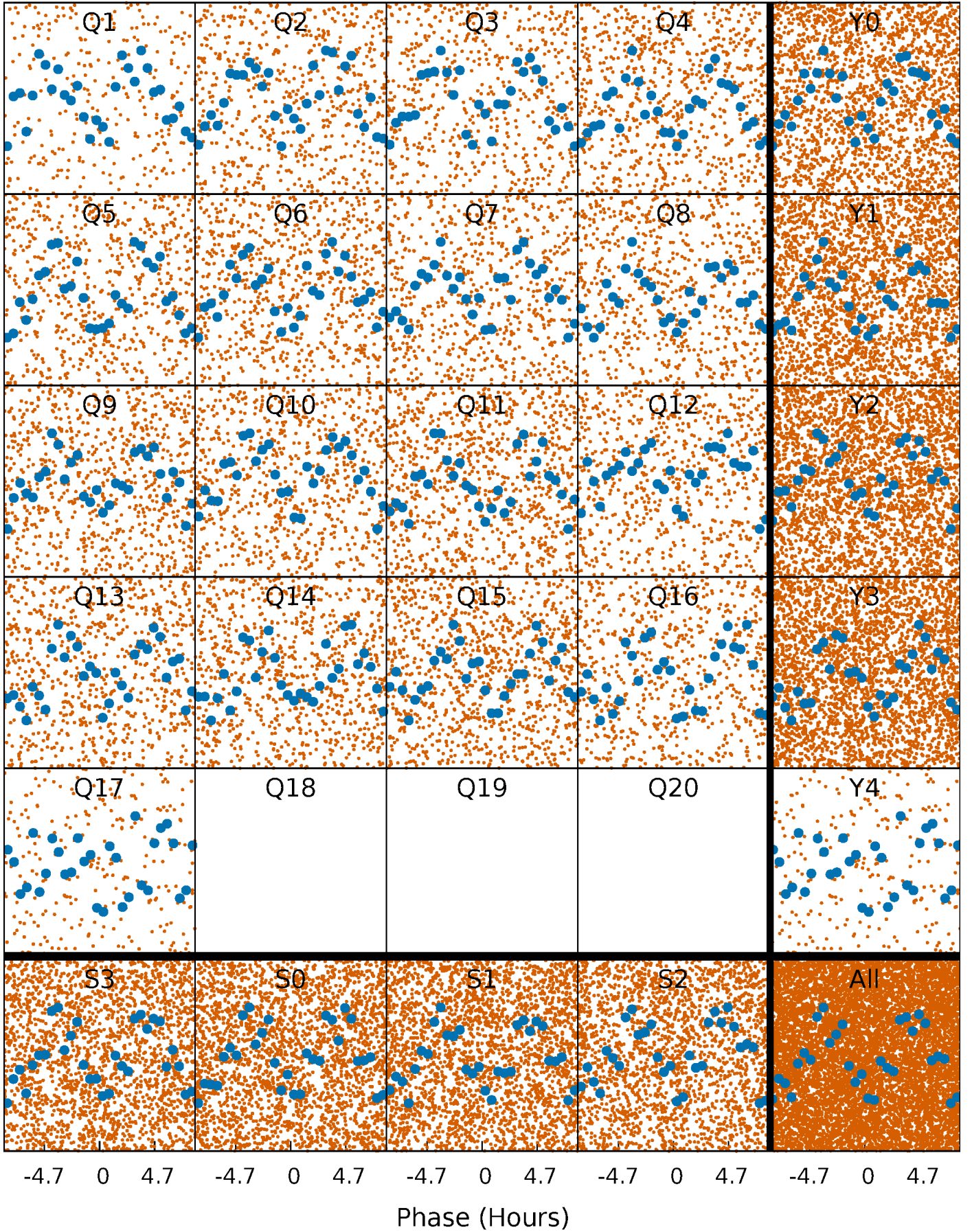


Non-Whitened Vs. Whitened Light Curve



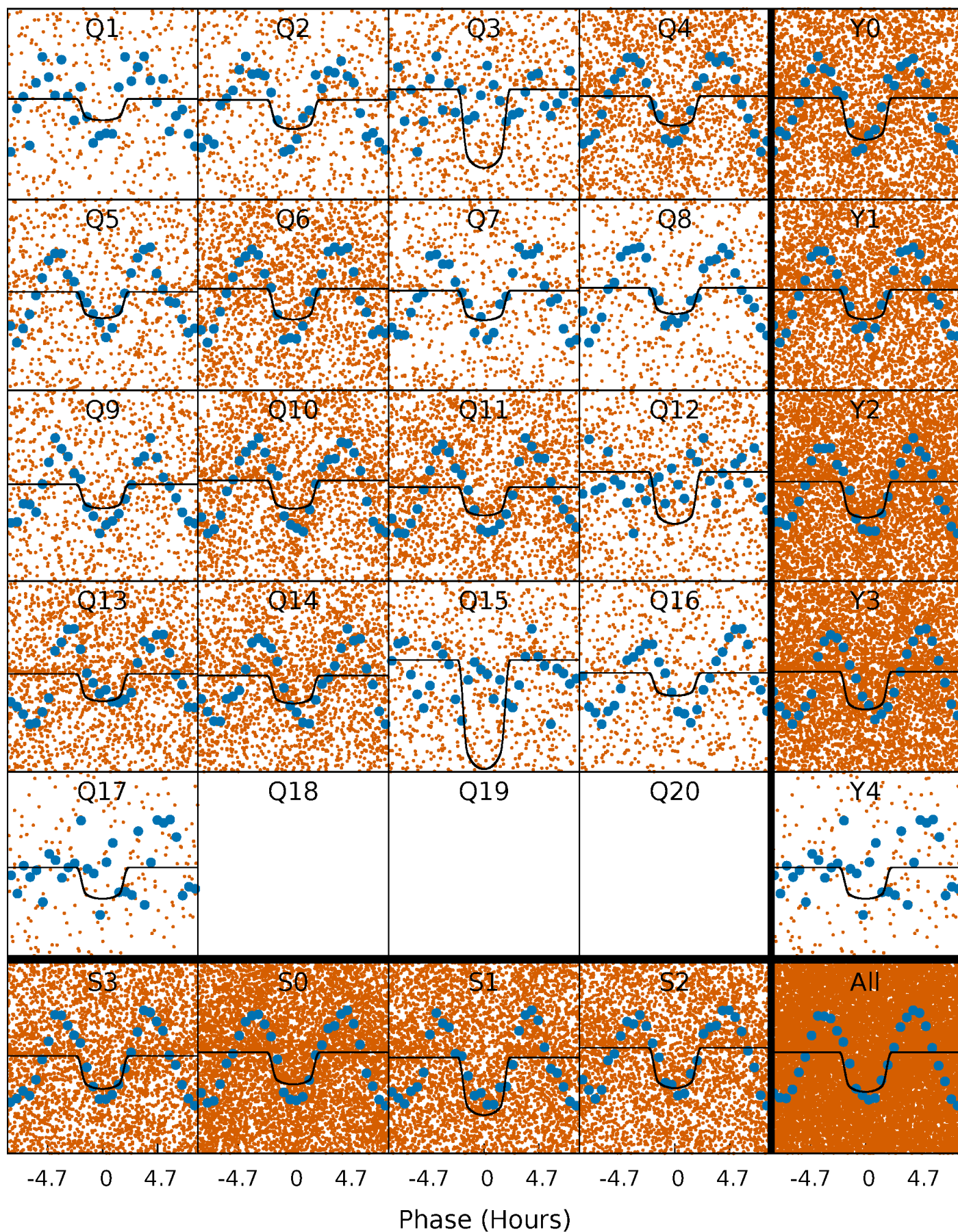
PDC Quarter-Phased Transit Curves

TCE 008264404-01 P= 0.934131 Days $T_0=131.866017$ (BKJD)



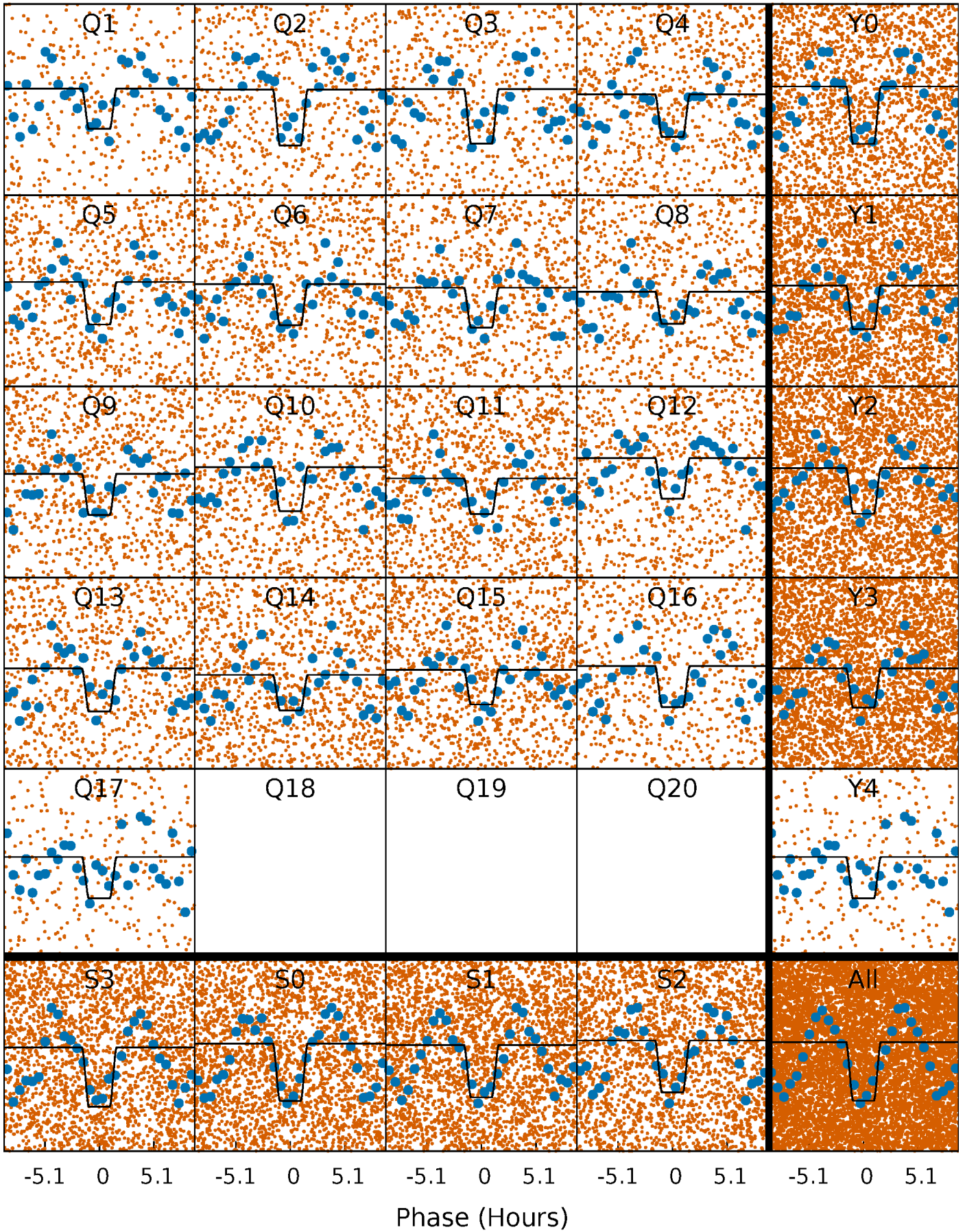
DV Quarter-Phased Transit Curves

TCE 008264404-01 P= 0.934131 Days $T_0=131.866017$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

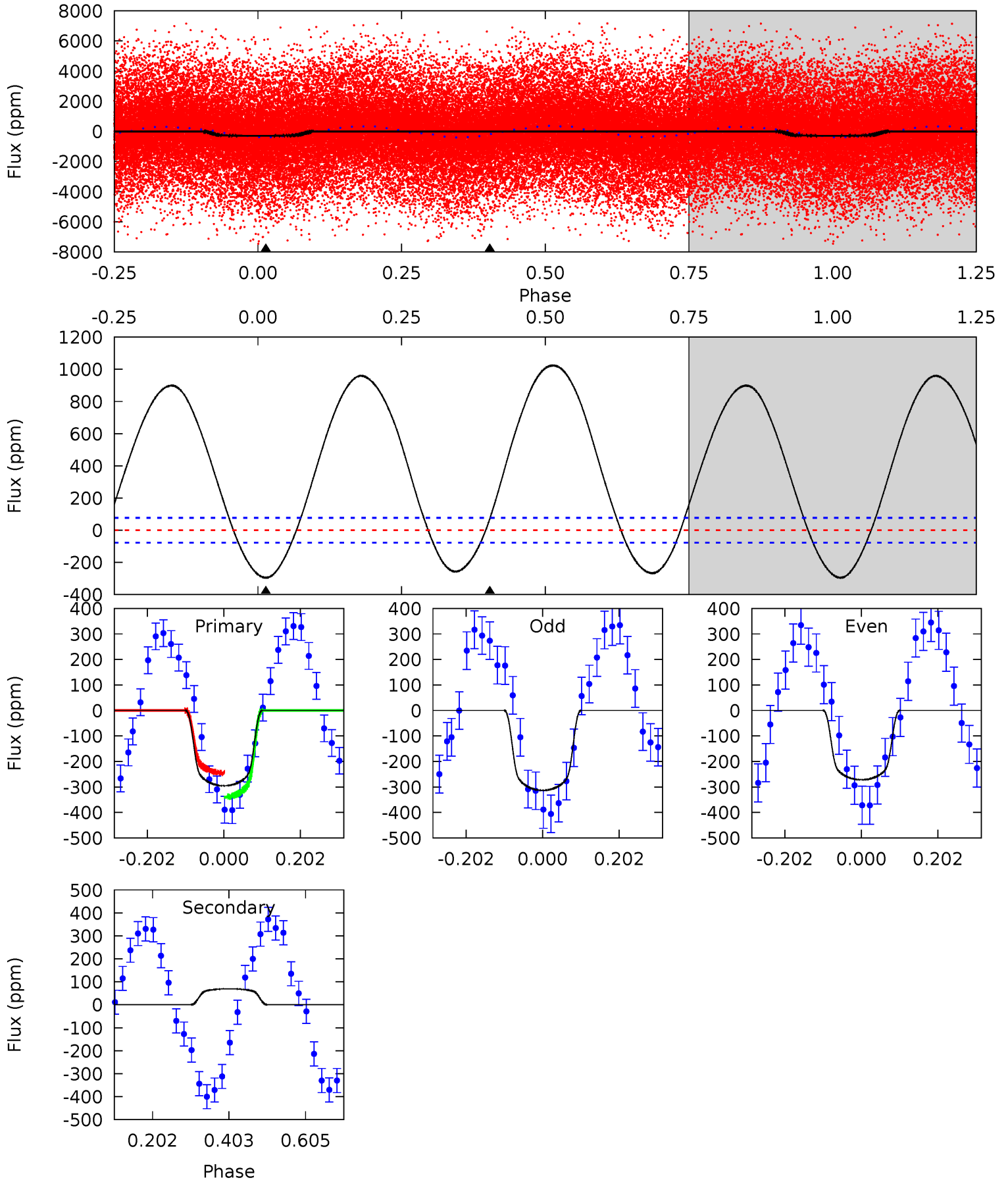
TCE 008264404-01 P= 0.934170 Days $T_0=131.853185$ (BKJD)



DV Model-Shift Uniqueness Test

008264404-01, P = 0.934131 Days, E = 130.931886 Days

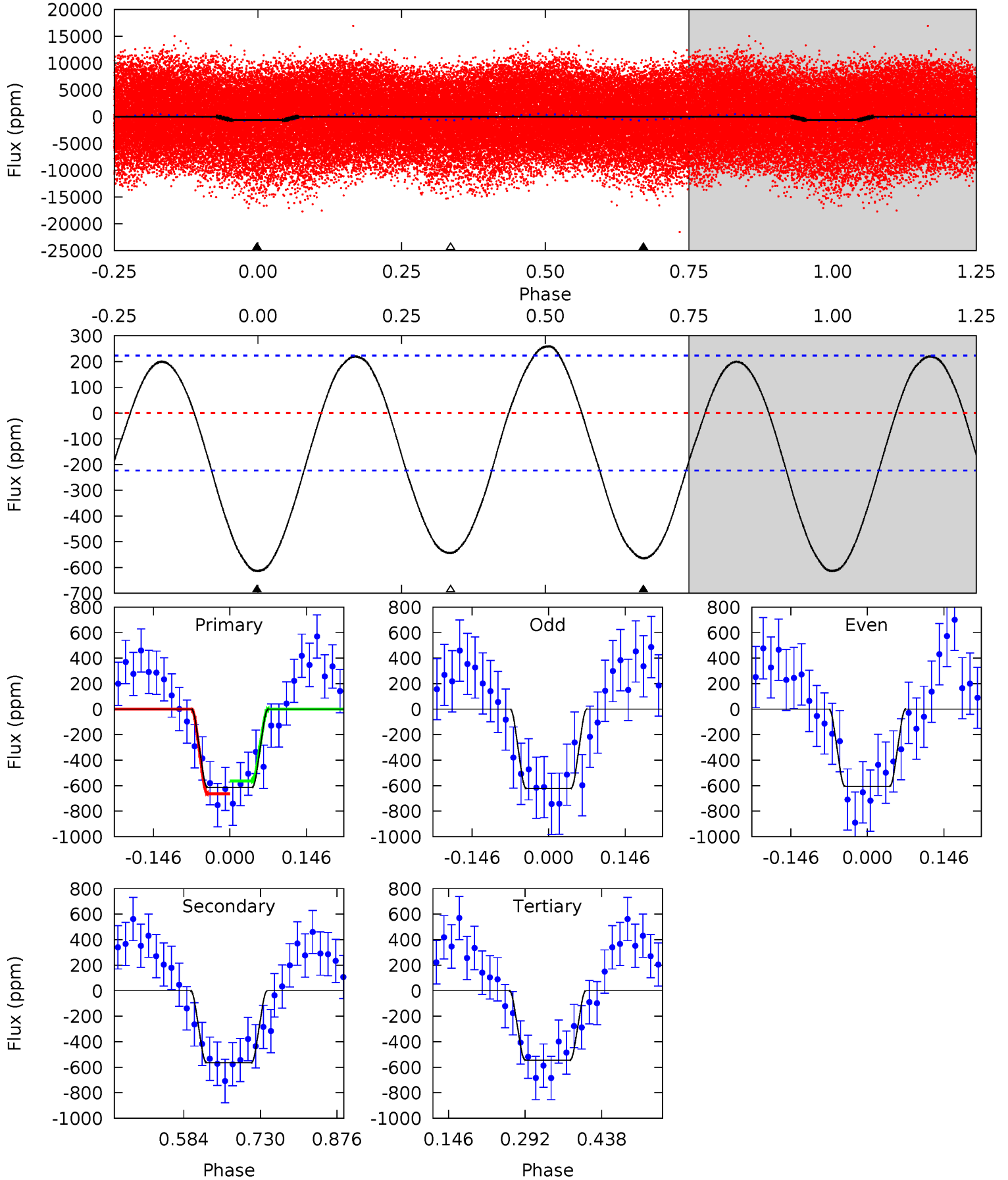
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
16.9	-3.97	0	0	4.42	1.28	17.8	16.9	16.9	-3.97	-3.97	1.20	1.10	0.78	2.73



Alt Model-Shift Uniqueness Test

008264404-01, P = 0.934170 Days, E = 130.919015 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.3	11.3	10.9	0	4.48	1.45	5.80	1.39	12.3	0.41	11.3	0.17	1.58	0.30	0.96



Stellar Parameters For KIC 008264404

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	7497^{+134}_{-164}	$3.730^{+0.180}_{-0.060}$	$-0.360^{+0.150}_{-0.150}$	$2.937^{+0.338}_{-0.677}$	$1.688^{+0.113}_{-0.170}$	$0.094^{+0.091}_{-0.019}$
	+2%/-2%	+5%/-2%	+42%/-42%	+12%/-23%	+7%/-10%	+97%/-20%
Source	SPE4	SPE4	SPE4	DSEP		

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

Secondary Eclipse Parameters for KIC 008264404-01 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	69 ± 17	$5.90^{+0.61}_{-0.70}$	5235^{+195}_{-295}	-5483^{+242}_{-271}	$-0.550^{+0.164}_{-0.223}$
Alt.	-565 ± 50	$8.29^{+0.84}_{-0.91}$	5238^{+222}_{-284}	6756^{+334}_{-313}	$2.271^{+0.607}_{-0.442}$

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 $T_{\text{obs}} \gg T_{\text{max}}$ AND $A_{\text{obs}} \gg 1.0$

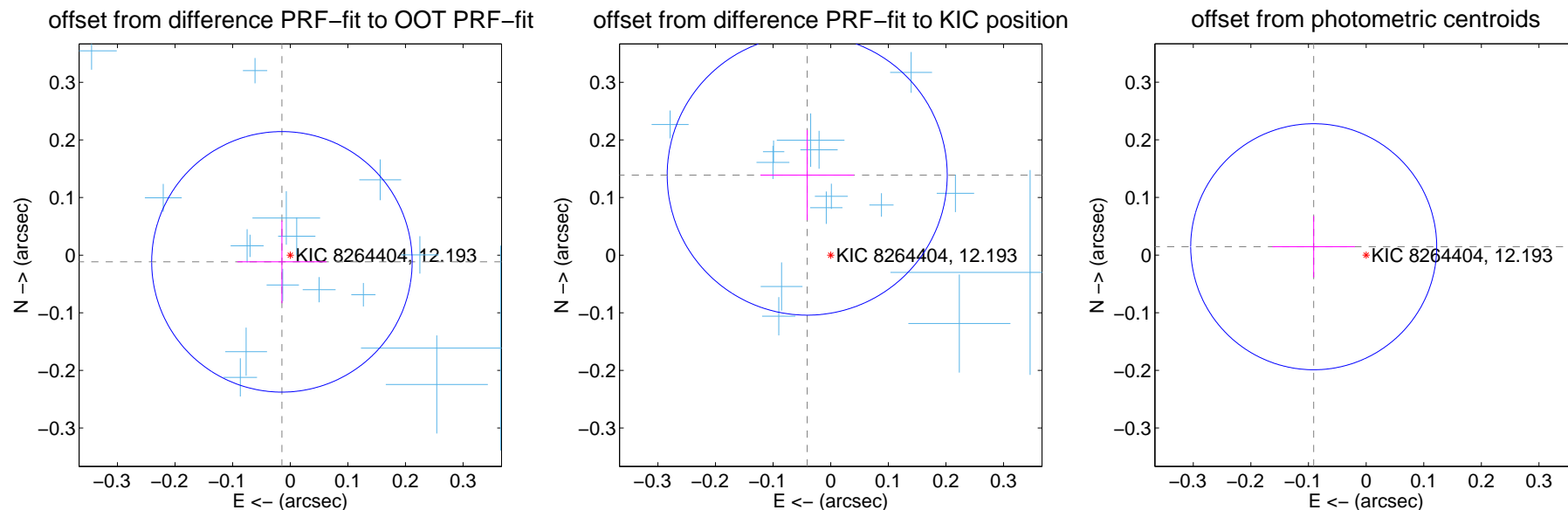
DV Centroid Data

Supplemental centroid analysis for 008264404-01. Kepler magnitude: 12.19. Transit SNR 16.31

There are 17 quarters with good PRF difference image offsets

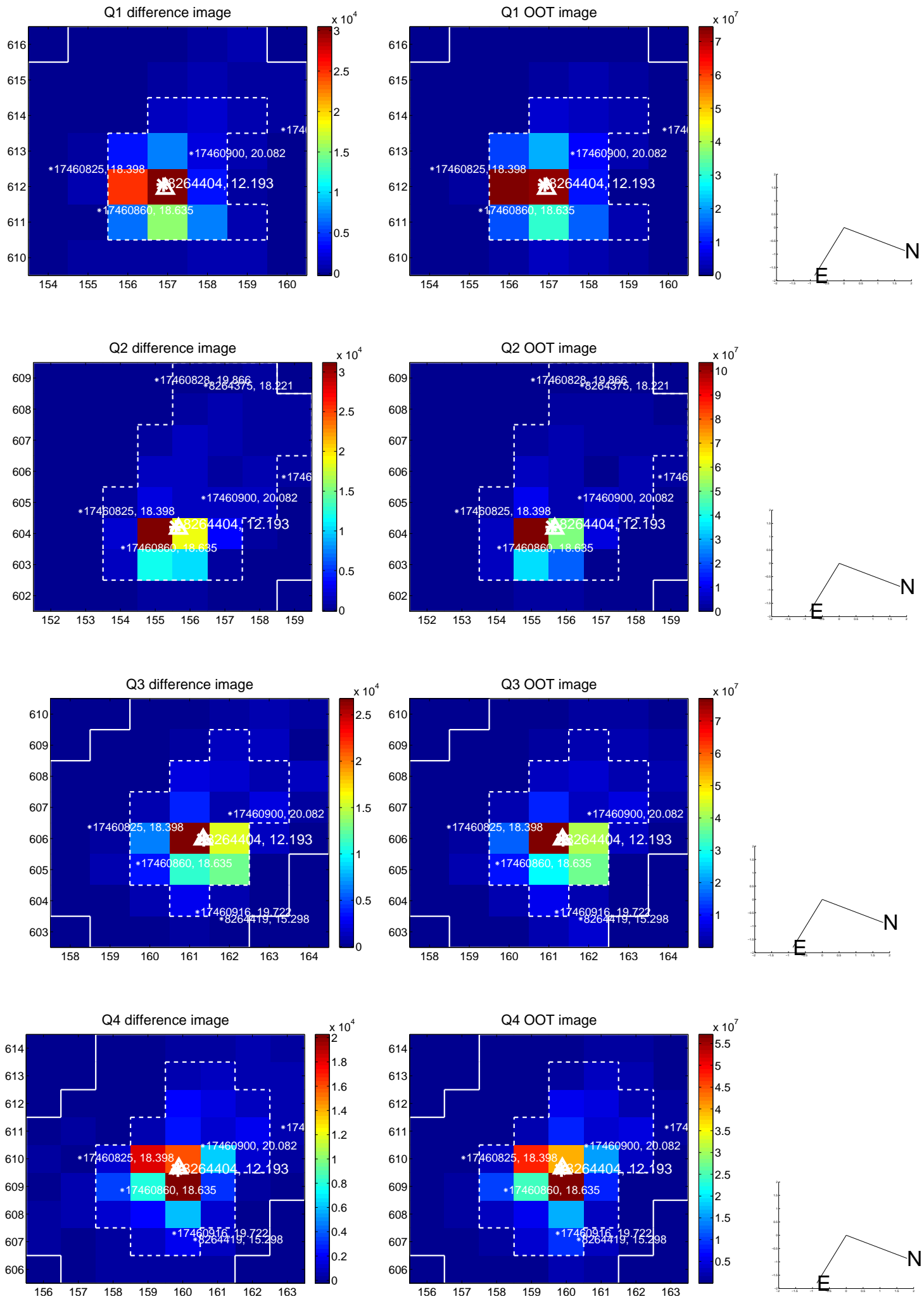
The direct PRF centroid is offset from the target star catalog position by about 0.13 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	0.019 ± 0.075	0.25	0.014 ± 0.078	-0.012 ± 0.072
PRF-fit source offset from KIC position	0.145 ± 0.081	1.79	0.041 ± 0.081	0.139 ± 0.078
photometric centroid source offset	0.09 ± 0.07	1.29	0.09 ± 0.07	0.01 ± 0.05

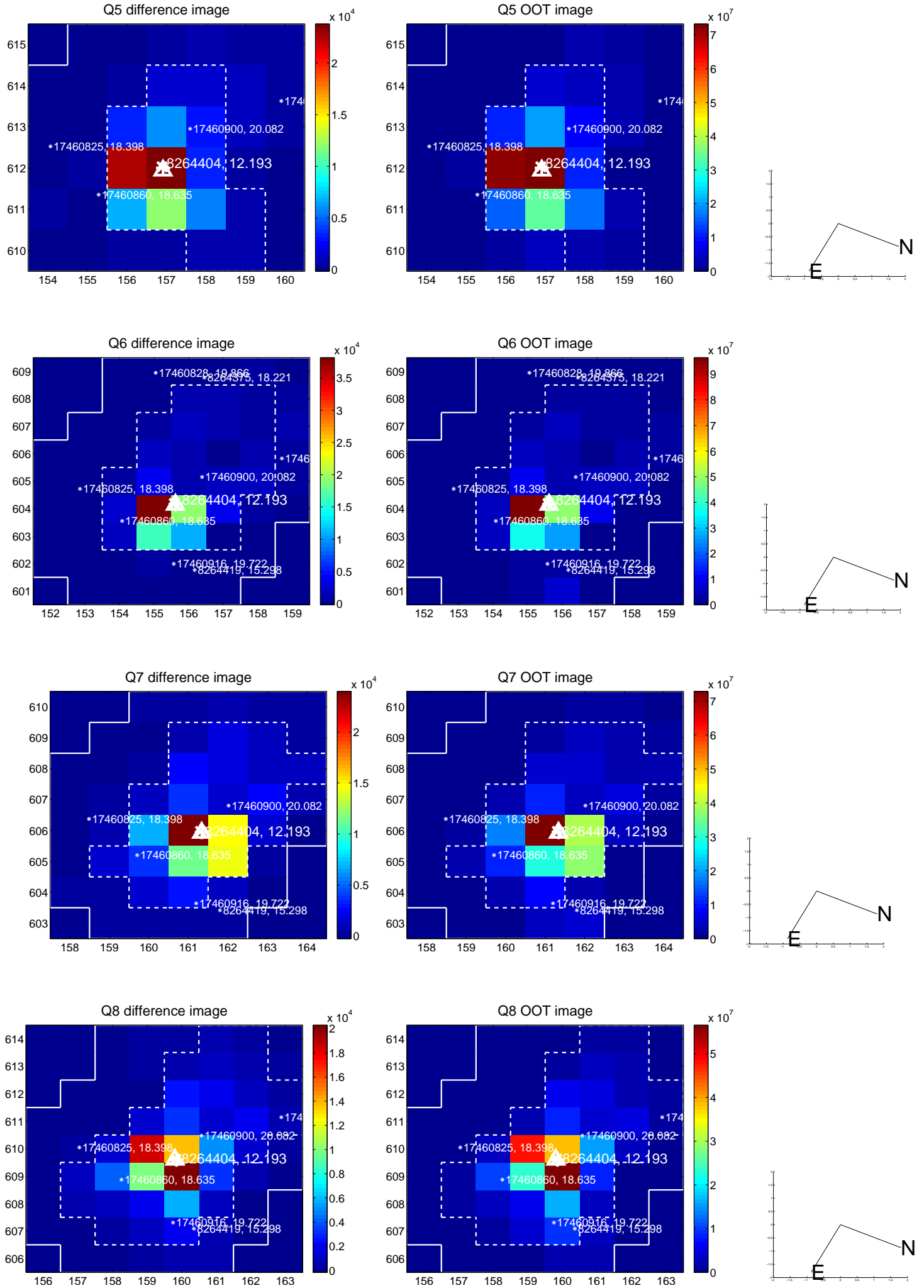


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses:** good quarterly centroid offsets; **Vermillion crosses:** bad quarterly centroid offsets; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three- 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.

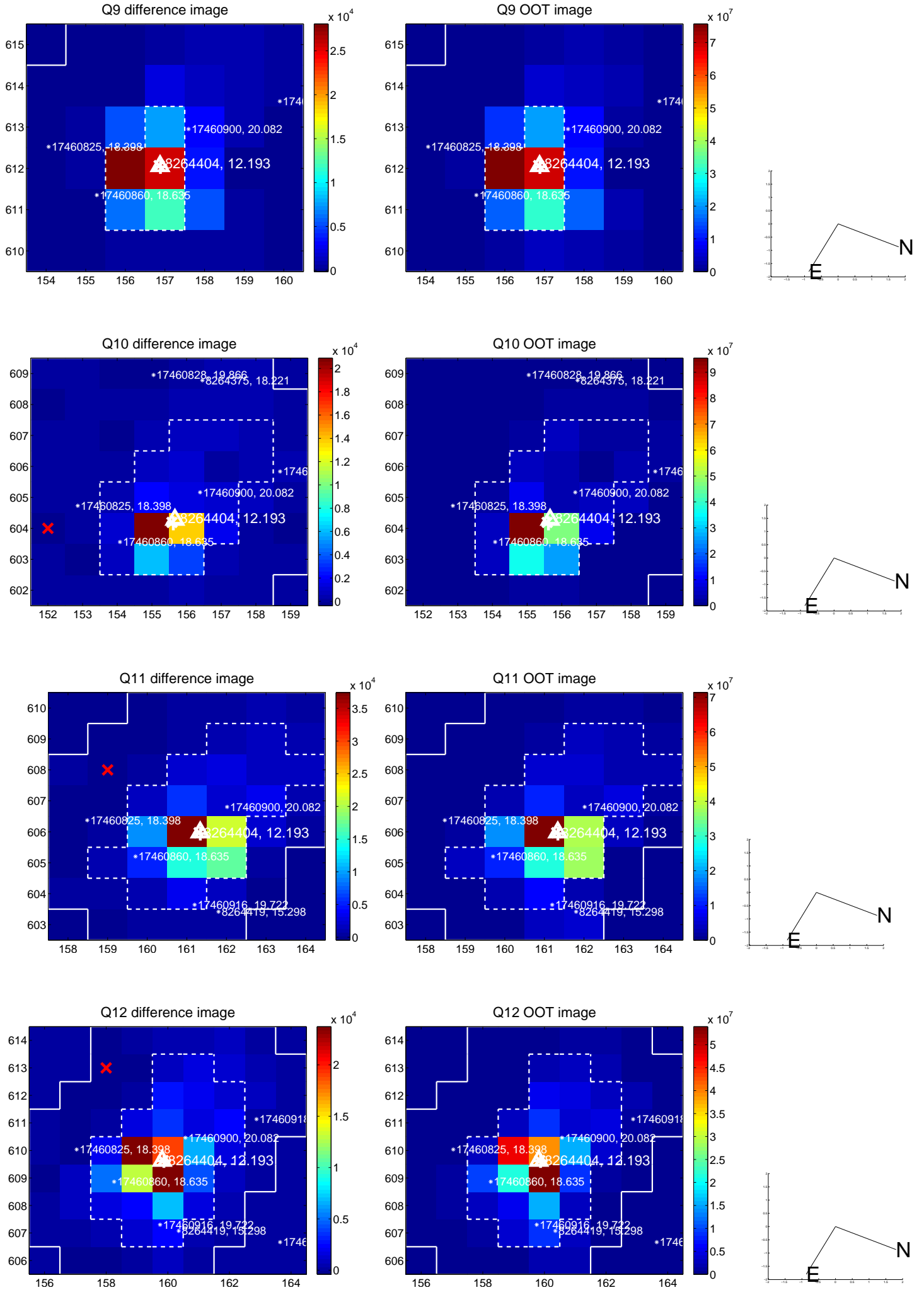
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



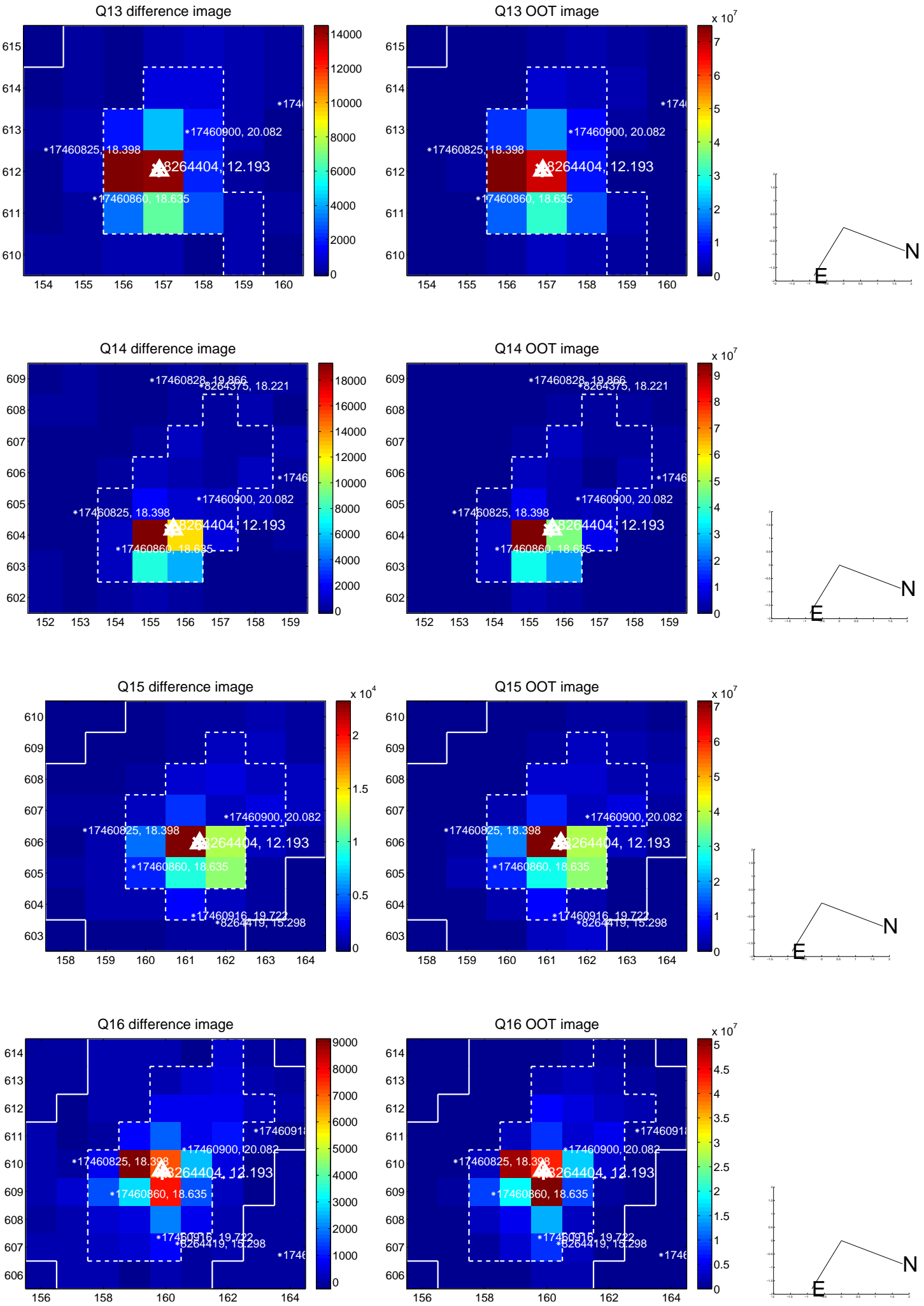
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



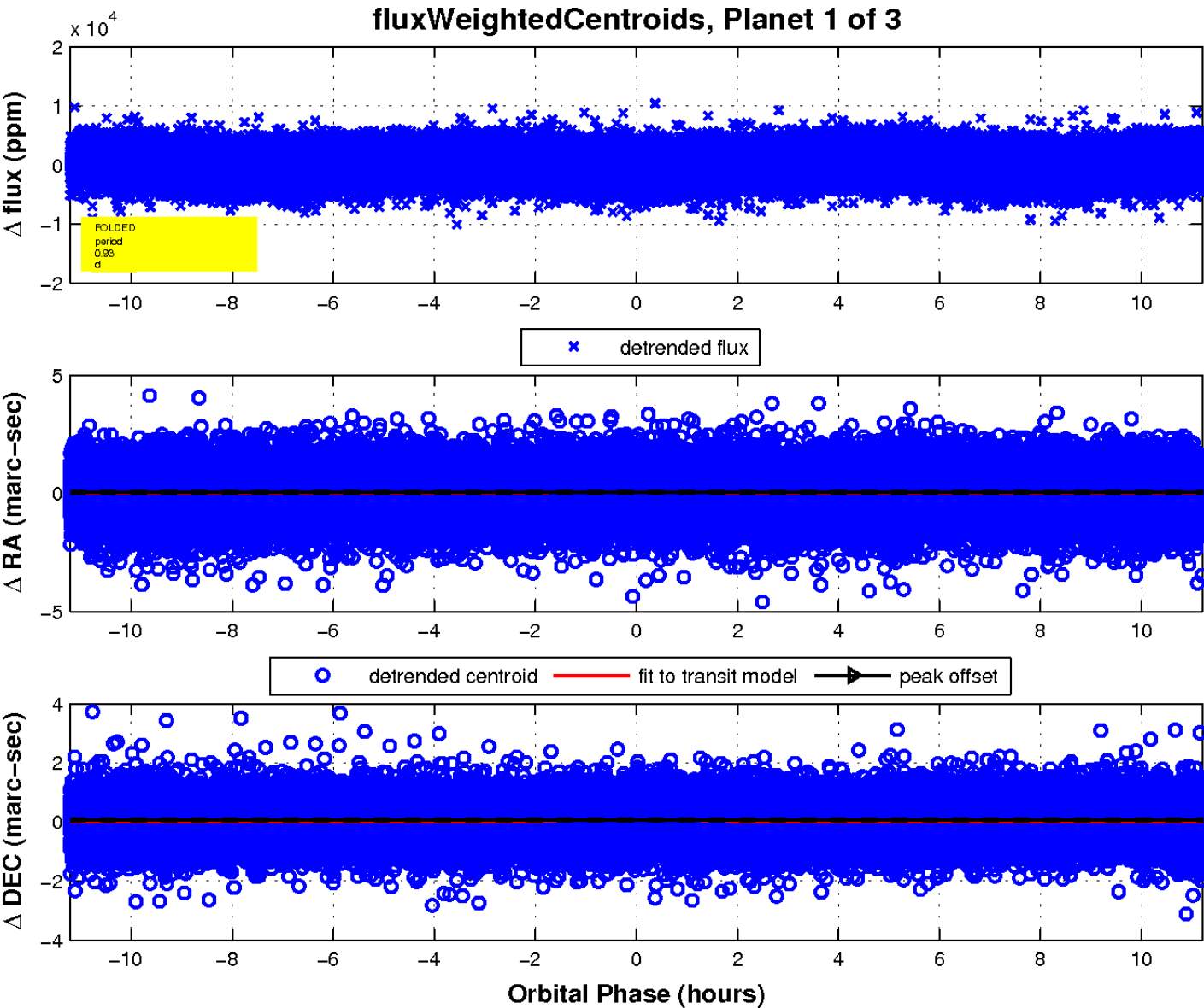
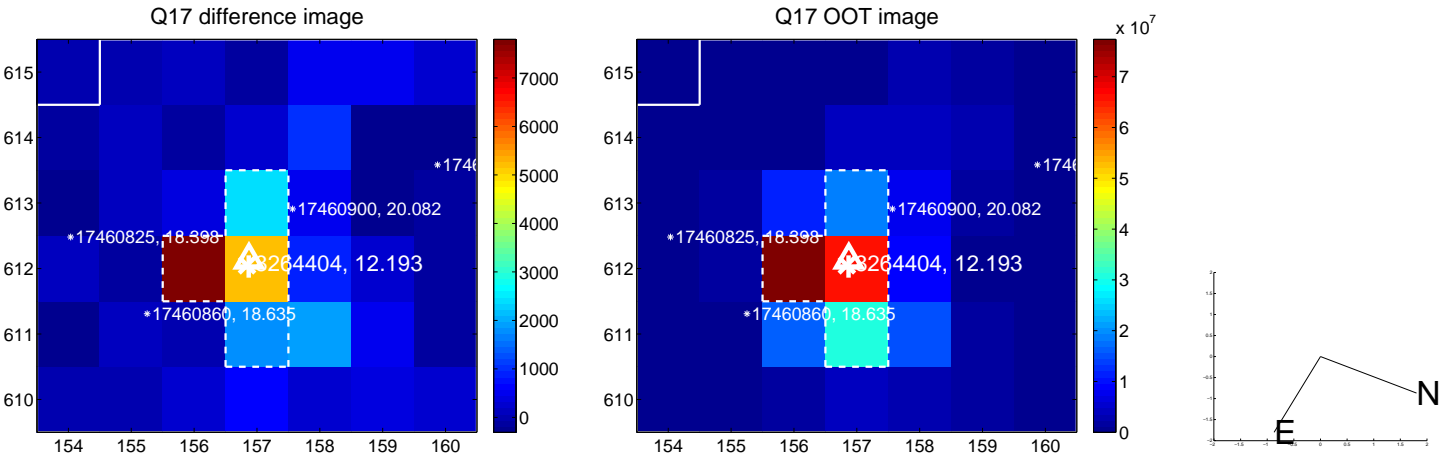
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.

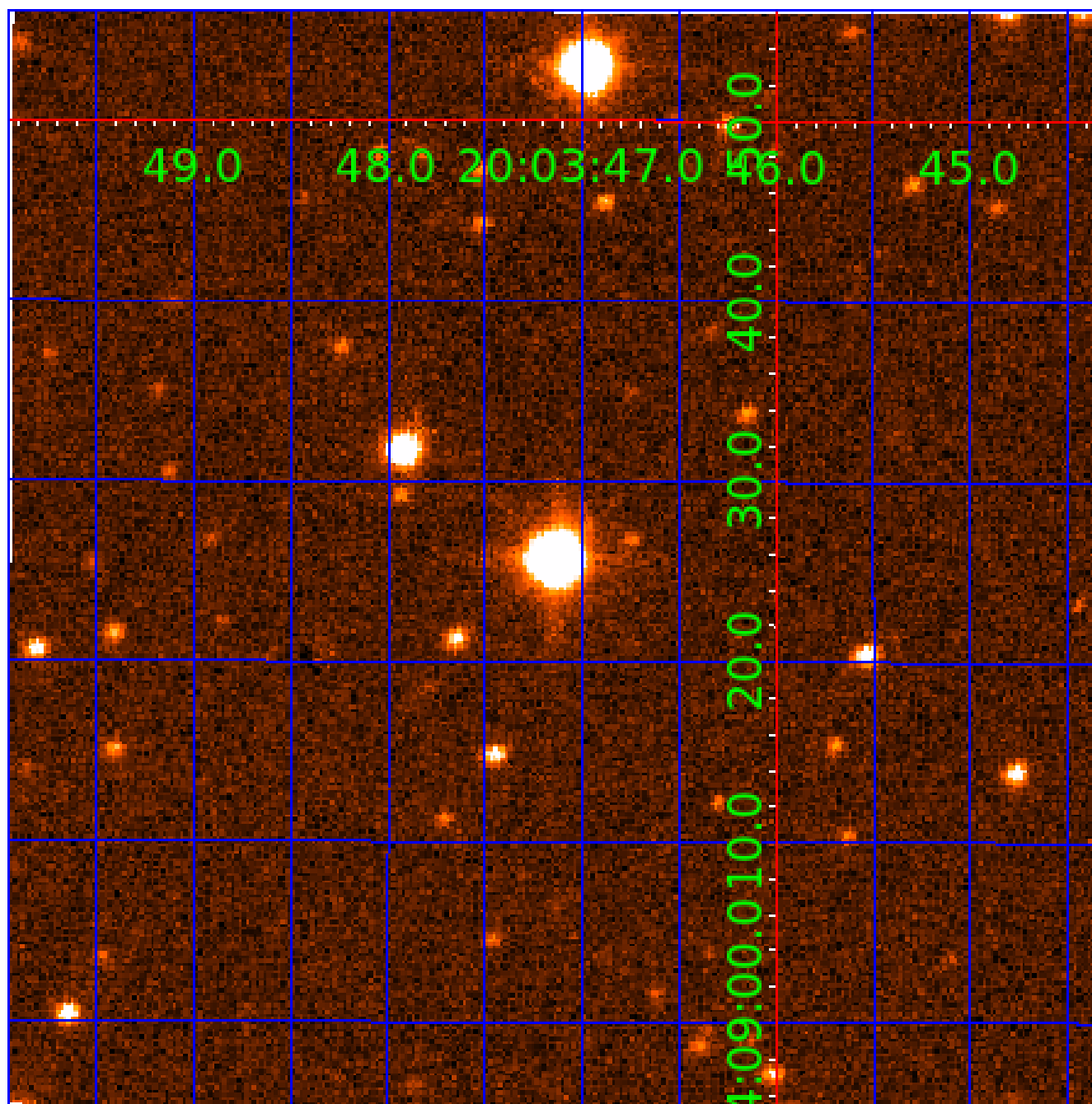


white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



UKIRT Image

Declination



KIC 008264404

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_{\star} (R_{\odot})	T_{\star} (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
008264404-01	OBS	No	0.934131	131.866017	313.4	4.084	16.1	16.3	2.94	7497	6.08	49185.43
008264404-02	OBS	No	0.934300	132.023088	302.7	3.302	16.3	13.0	2.94	7497	5.15	49173.61
008264404-03	OBS	No	0.934180	131.526619	187.8	2.500	15.8	-1.0	2.94	7497	4.06	49182.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
008264404-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT
008264404-02	OBS	FP	0.00	1	0	1	0	INDIV_TRANS_SKYE_ZUMA_TRACKER—LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—SAME_NTL_PERIOD—HALO_GHOST
008264404-03	OBS	FP	0.00	1	0	0	0	LPP_DV—NO_FITS—SAME_NTL_PERIOD—CENT_NOFITS

Notes: OBS = Observed. INJ = Injected. INV = Inverted. SCR = Scrambled.

N = Not Transit-Like. S = Stellar Eclipse. C = Centroid Offset. E = Ephemeris Match.

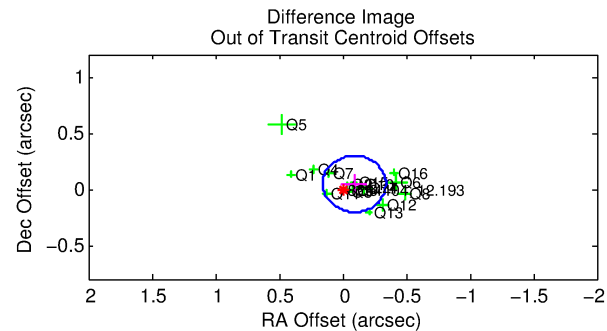
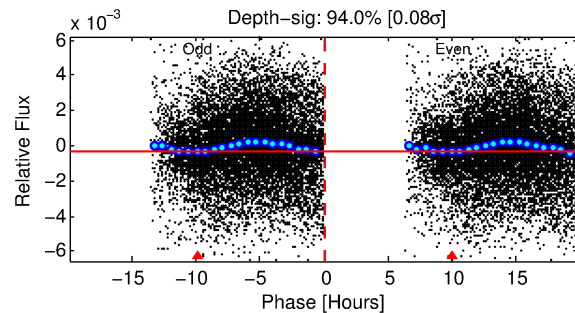
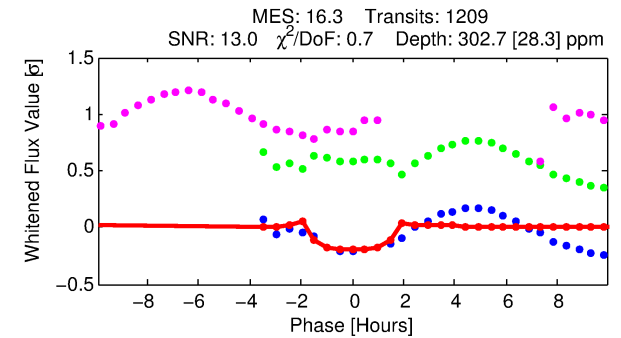
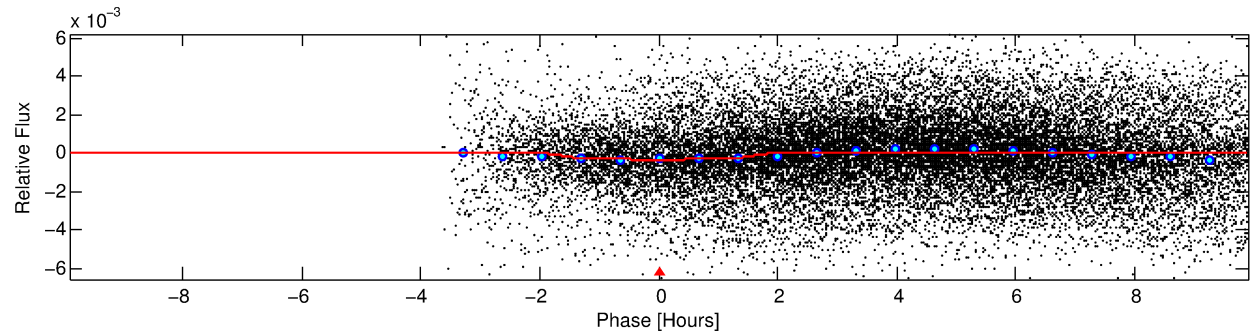
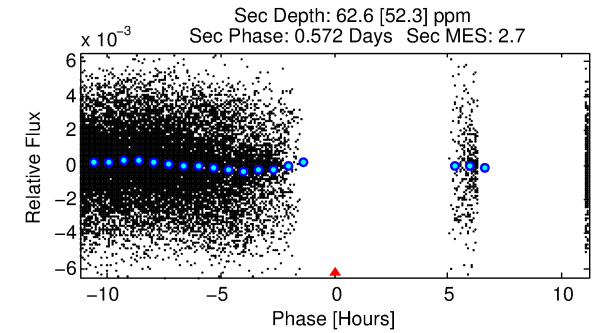
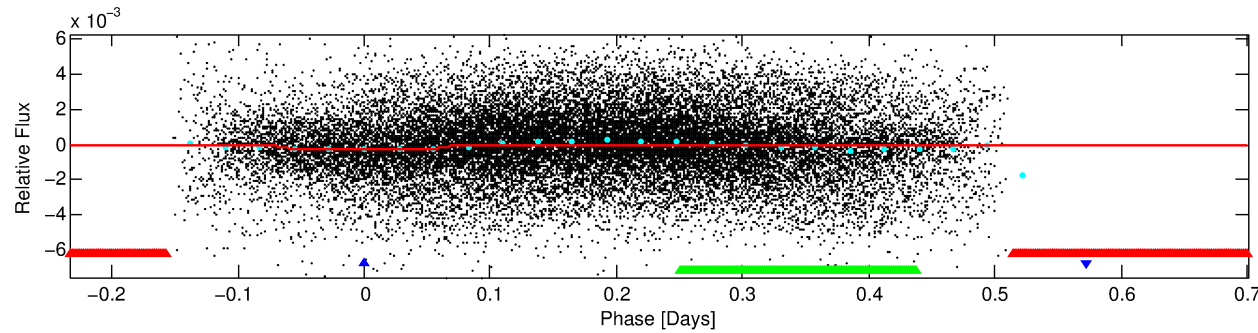
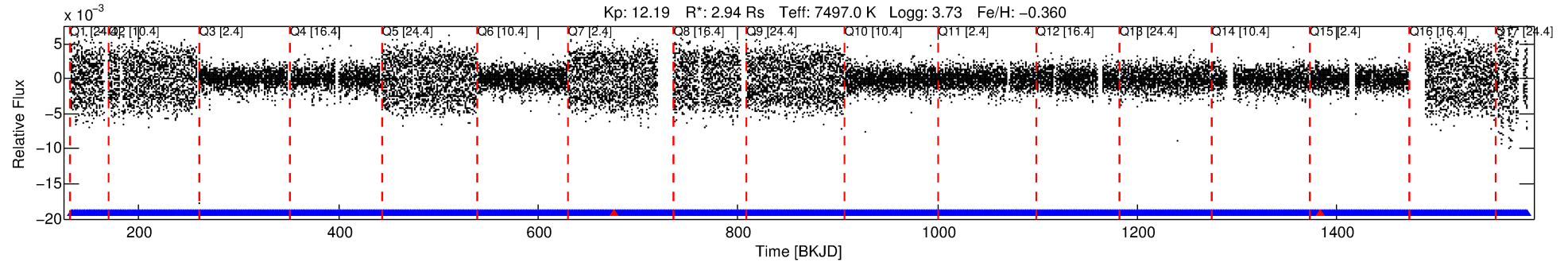
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 008264404-02

No Significant Match Found

DV One-Page Summary

KIC: 8264404 Candidate: 2 of 3 Period: 0.934 d



DV Fit Results:

Period = 0.93430 [0.00001] d
Epoch = 132.0231 [0.0022] BKJD
Rp/R* = 0.0161 [0.0123]
a/R* = 2.28 [7.75]
b = 0.01 [417.00]
Seff = 49173.61 [16131.55]
Teq = 3797 [311] K
Rp = 5.15 [4.12] Re
a = 0.0223 [0.0046] AU
Ag = 0.64 [1.14] [-0.31σ]
Teffp = 5261 [2298] K [0.63σ]

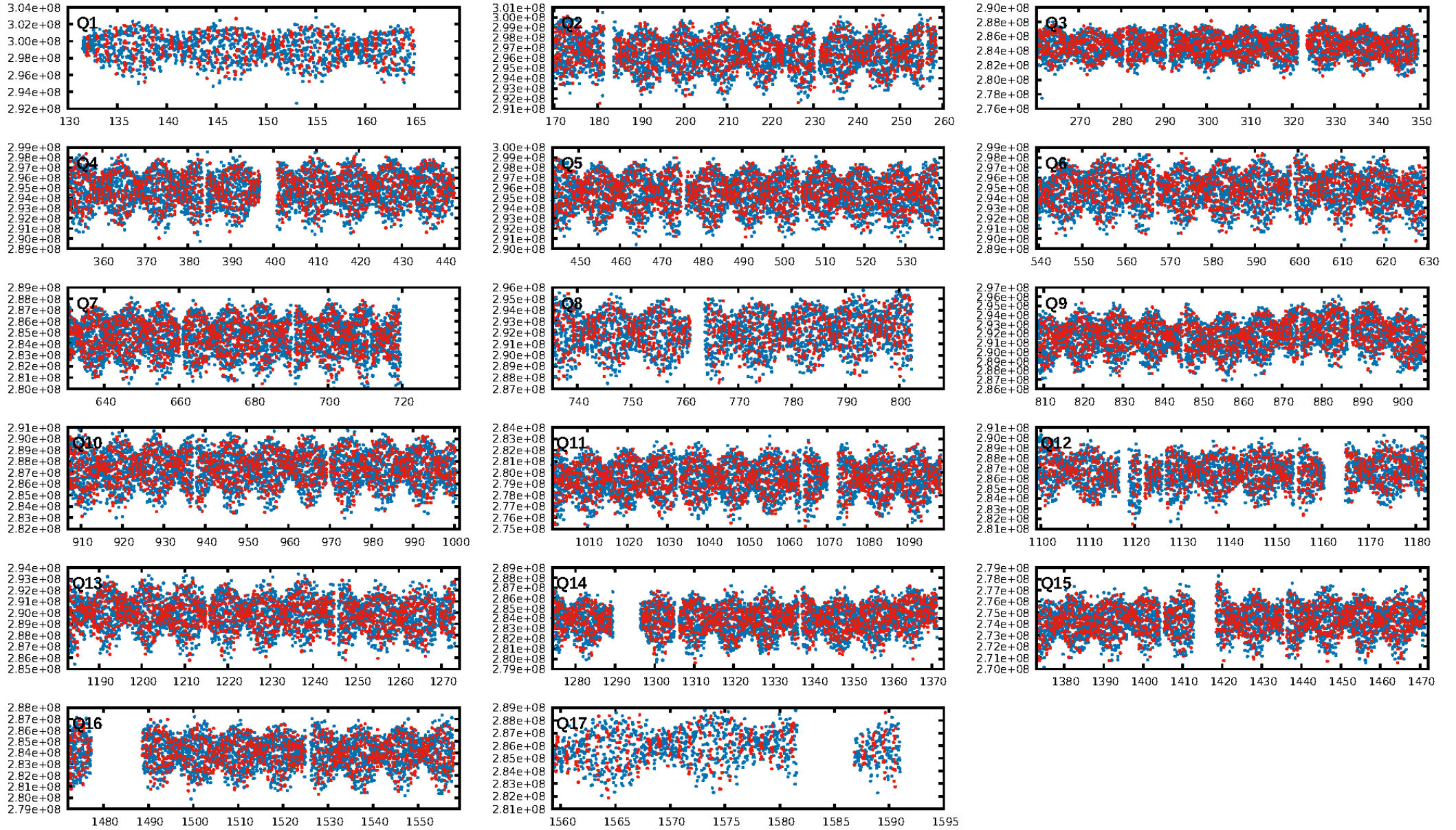
DV Diagnostic Results:

ShortPeriod-sig: 0.1% [0.00σ]
LongPeriod-sig: N/A
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 1.00 [1179/1181]
GhostDiagnostic-chr: 0.08586
Centroid-sig: 1.6%
Centroid-so: 0.340 arcsec [5.10σ]
OotOffset-rm: 0.101 arcsec [1.21σ]
KicOffset-rm: 0.212 arcsec [2.92σ]
OotOffset-st: 4/4/4/5 [17]
KicOffset-st: 4/4/4/5 [17]
DiffImageQuality-fgm: 0.71 [12/17]
DiffImageOverlap-fno: 0.06 [1/17]

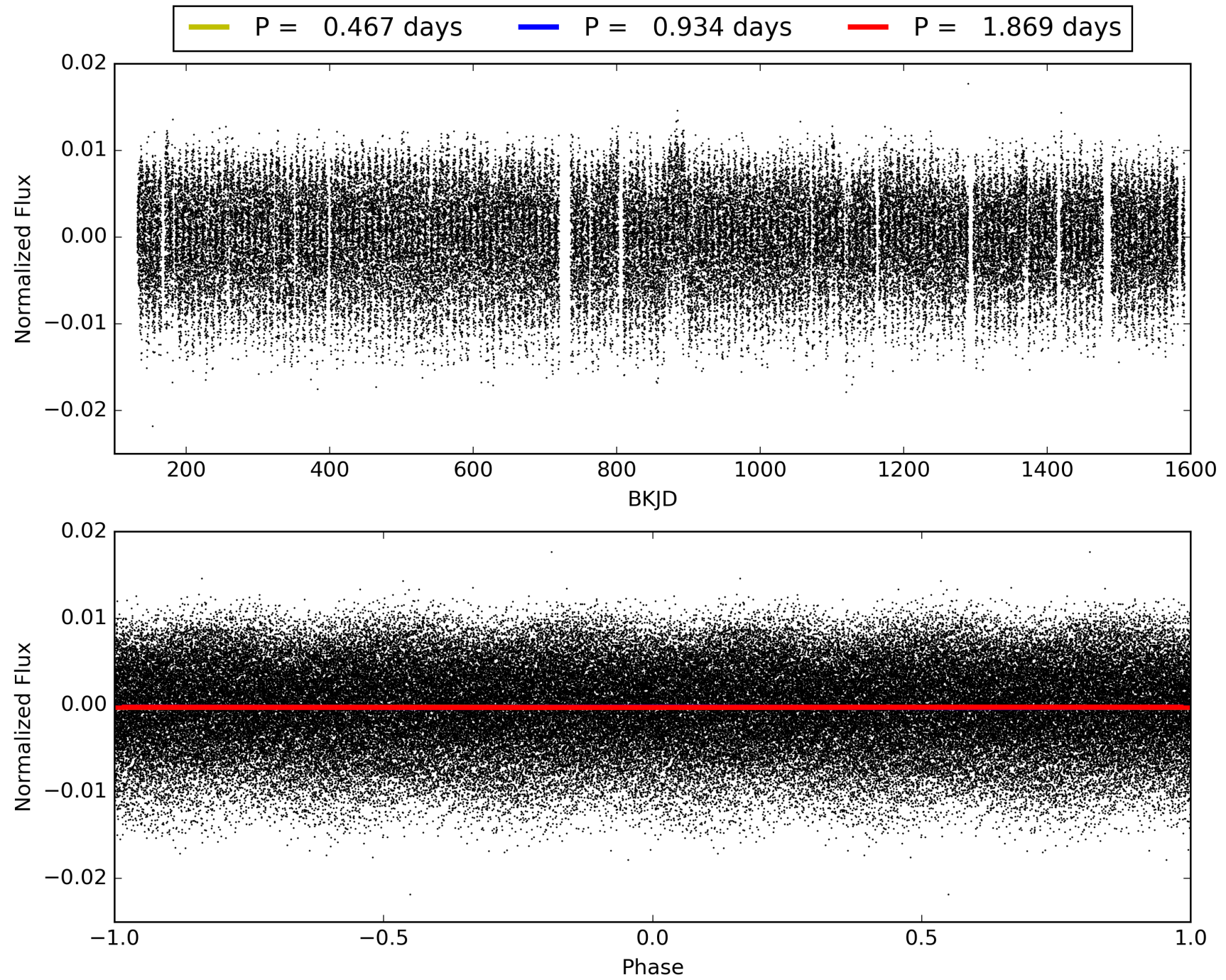
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 31-Jan-2016 05:54:49 Z

This Data Validation Report Summary was produced in the Kepler Science Operations Center Pipeline at NASA Ames Research Center

TCE 008264404-02, PDC Light Curves

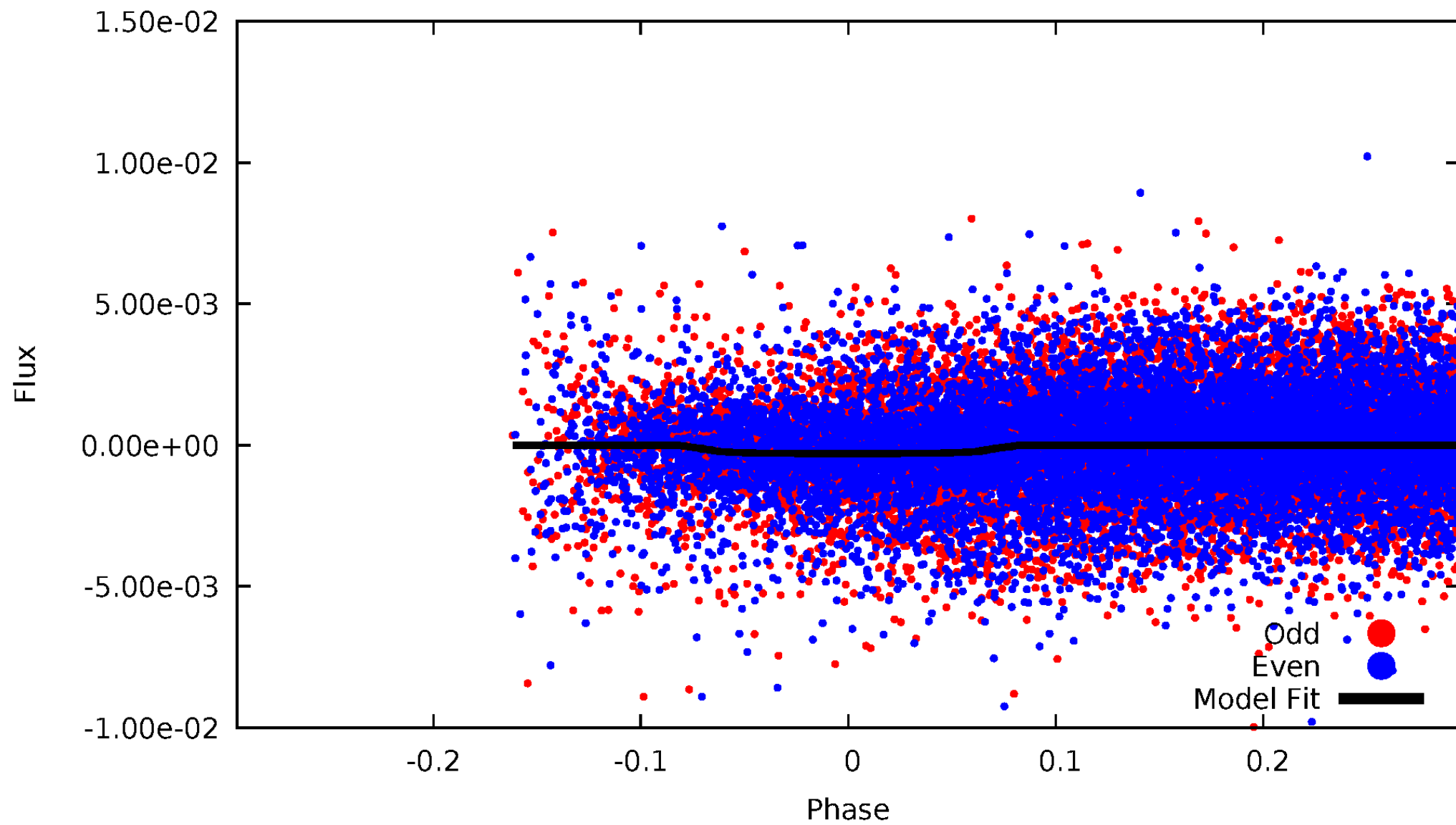


TCE 008264404-02



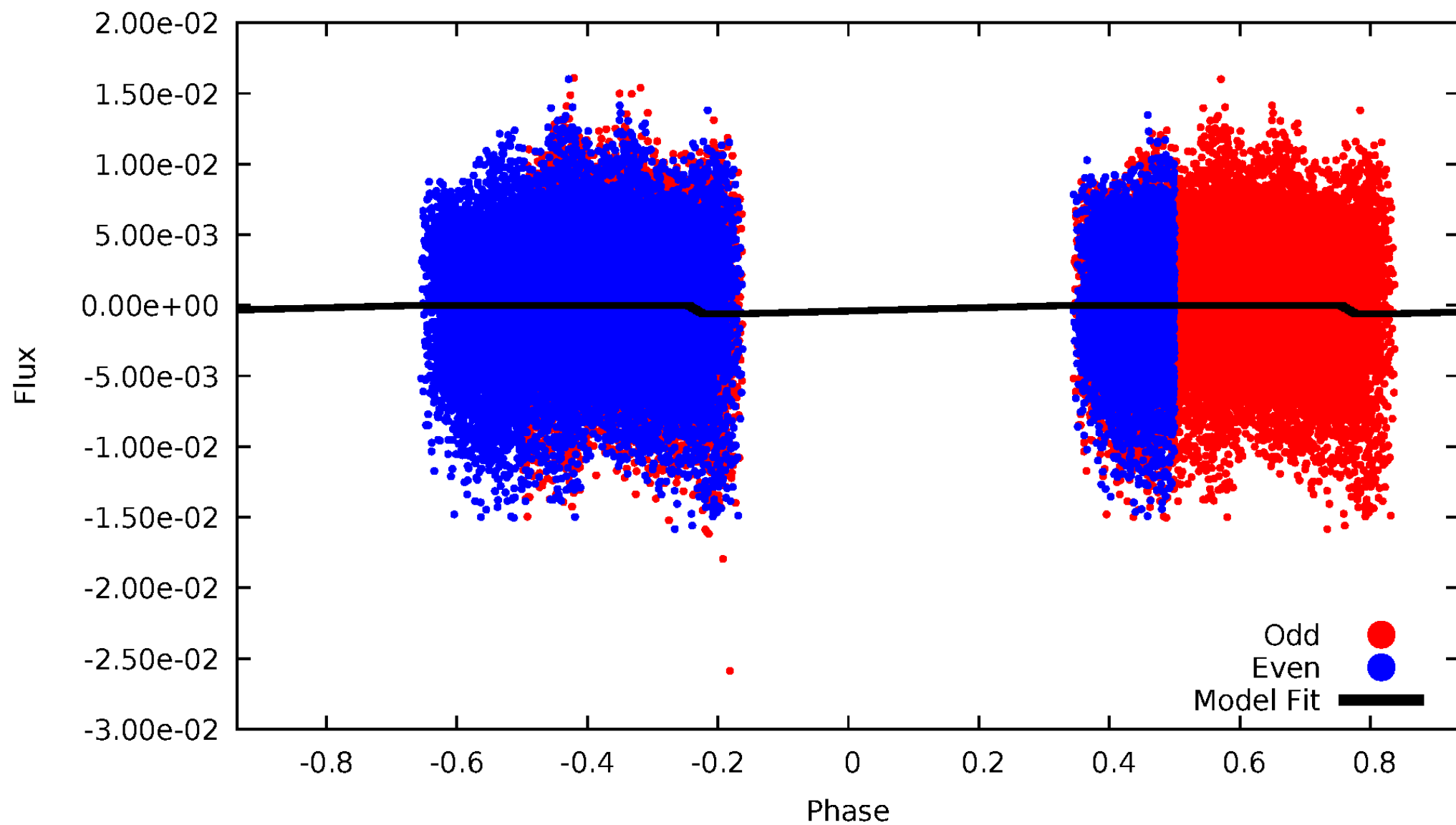
DV Odd/Even

TCE 008264404-02



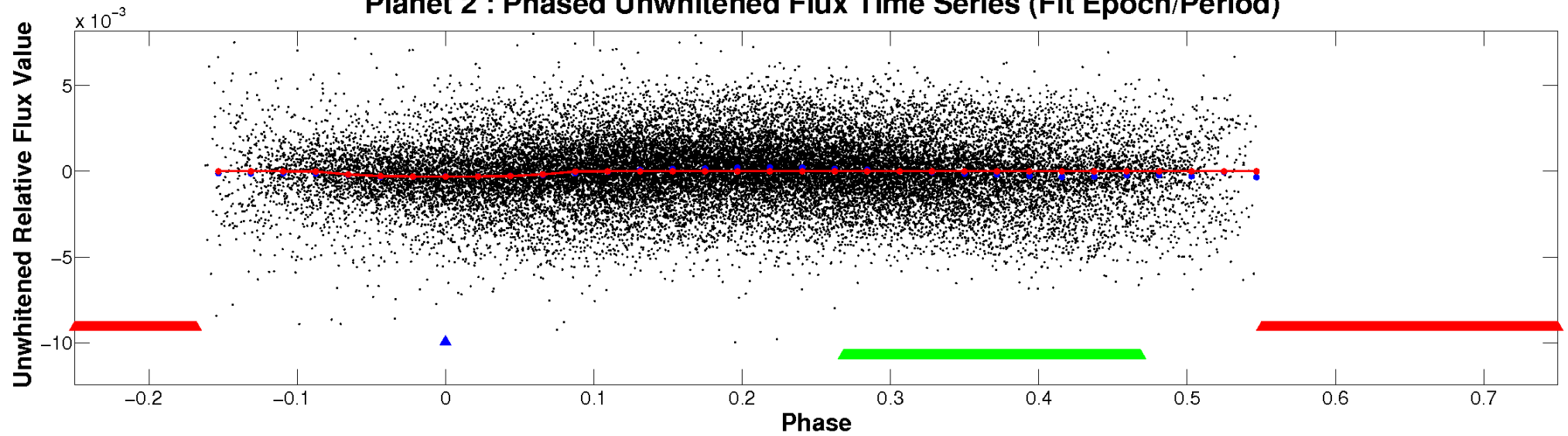
ALT Odd/Even

TCE 008264404-02

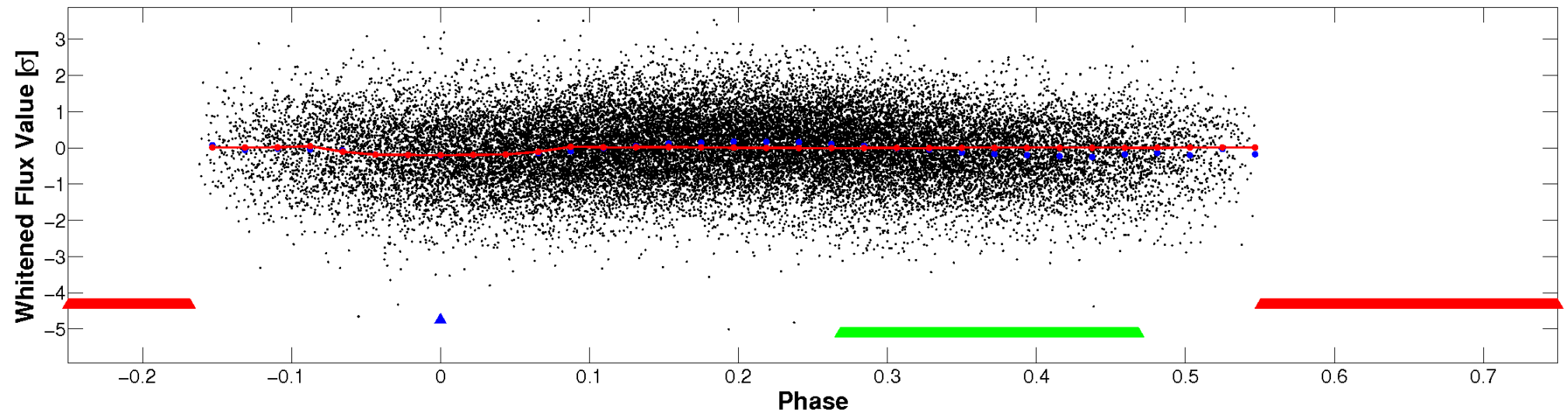


Non-Whitened Vs. Whitened Light Curve

Planet 2 : Phased Unwhitened Flux Time Series (Fit Epoch/Period)

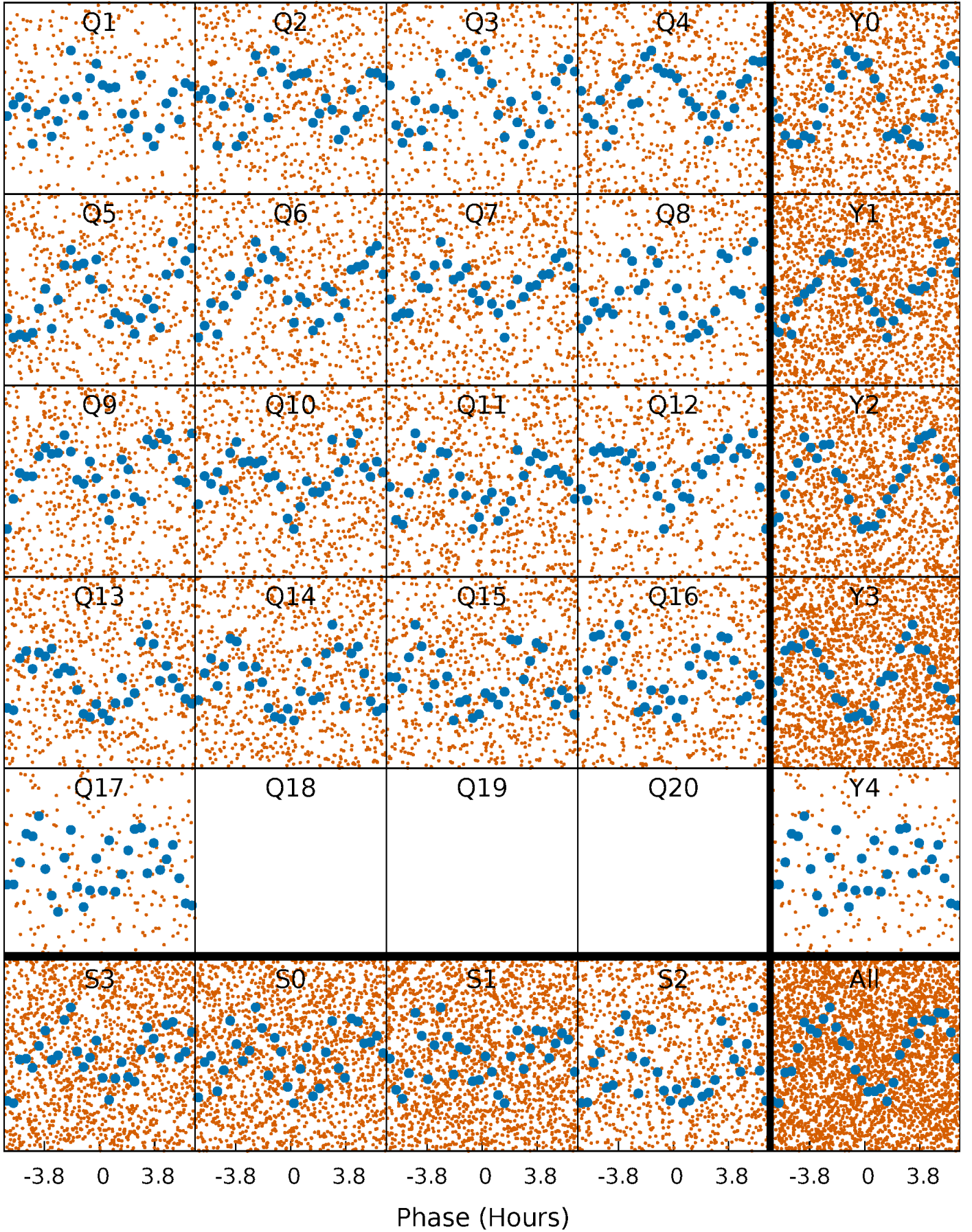


Planet 2 : Phased Whitened Flux Time Series (Fit Epoch/Period)



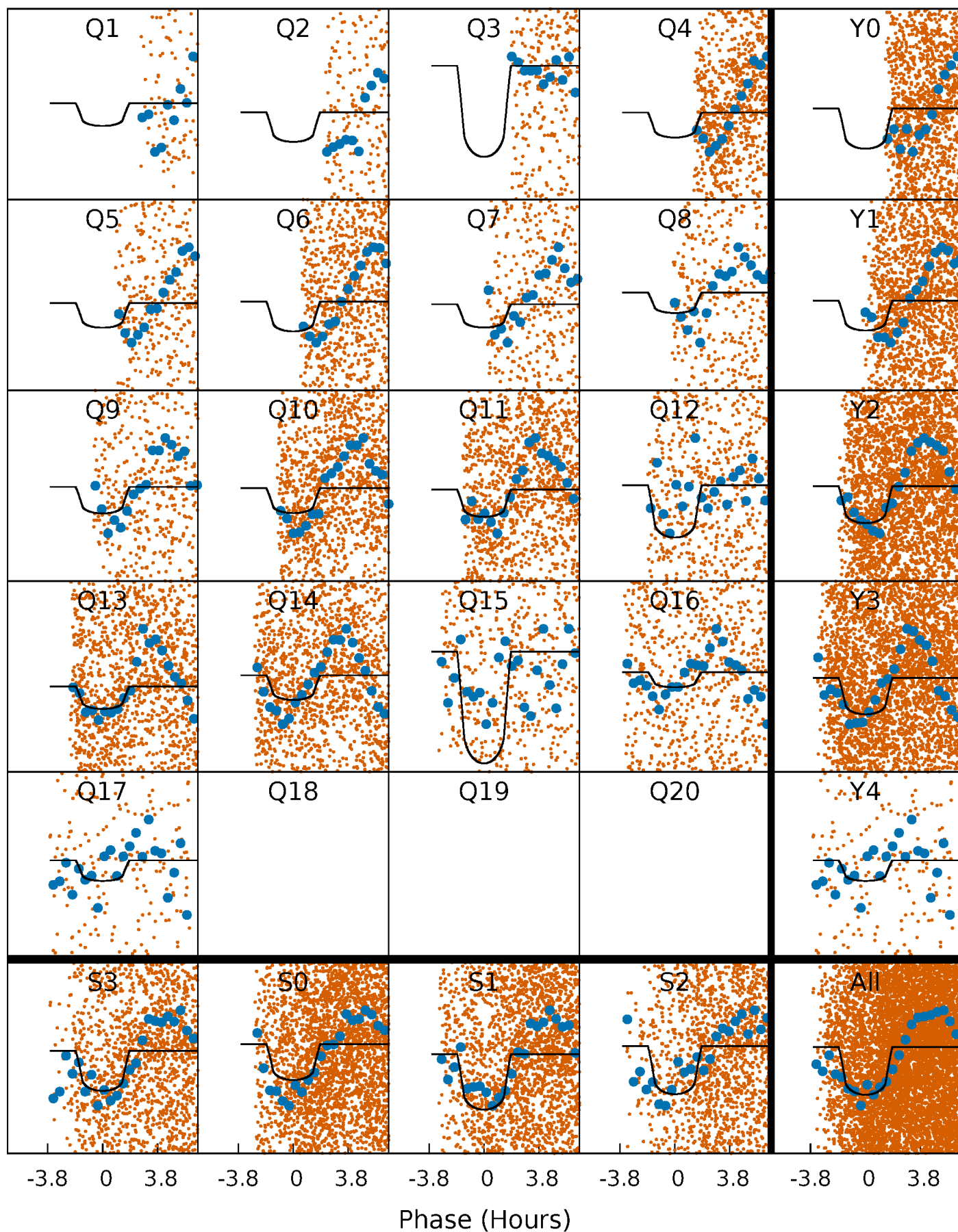
PDC Quarter-Phased Transit Curves

TCE 008264404-02 P= 0.934300 Days $T_0=132.023088$ (BKJD)



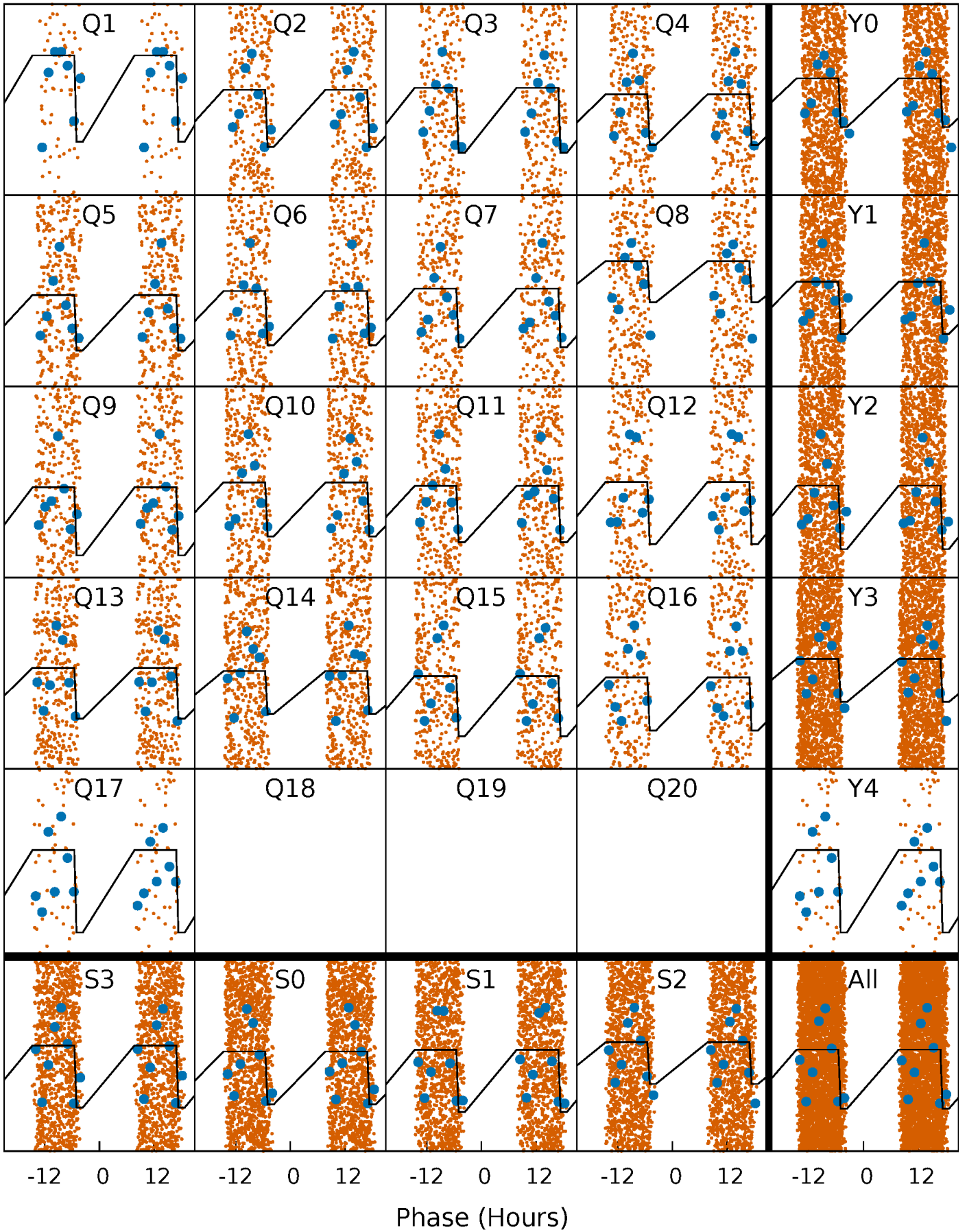
DV Quarter-Phased Transit Curves

TCE 008264404-02 $P = 0.934300$ Days $T_0 = 132.023088$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

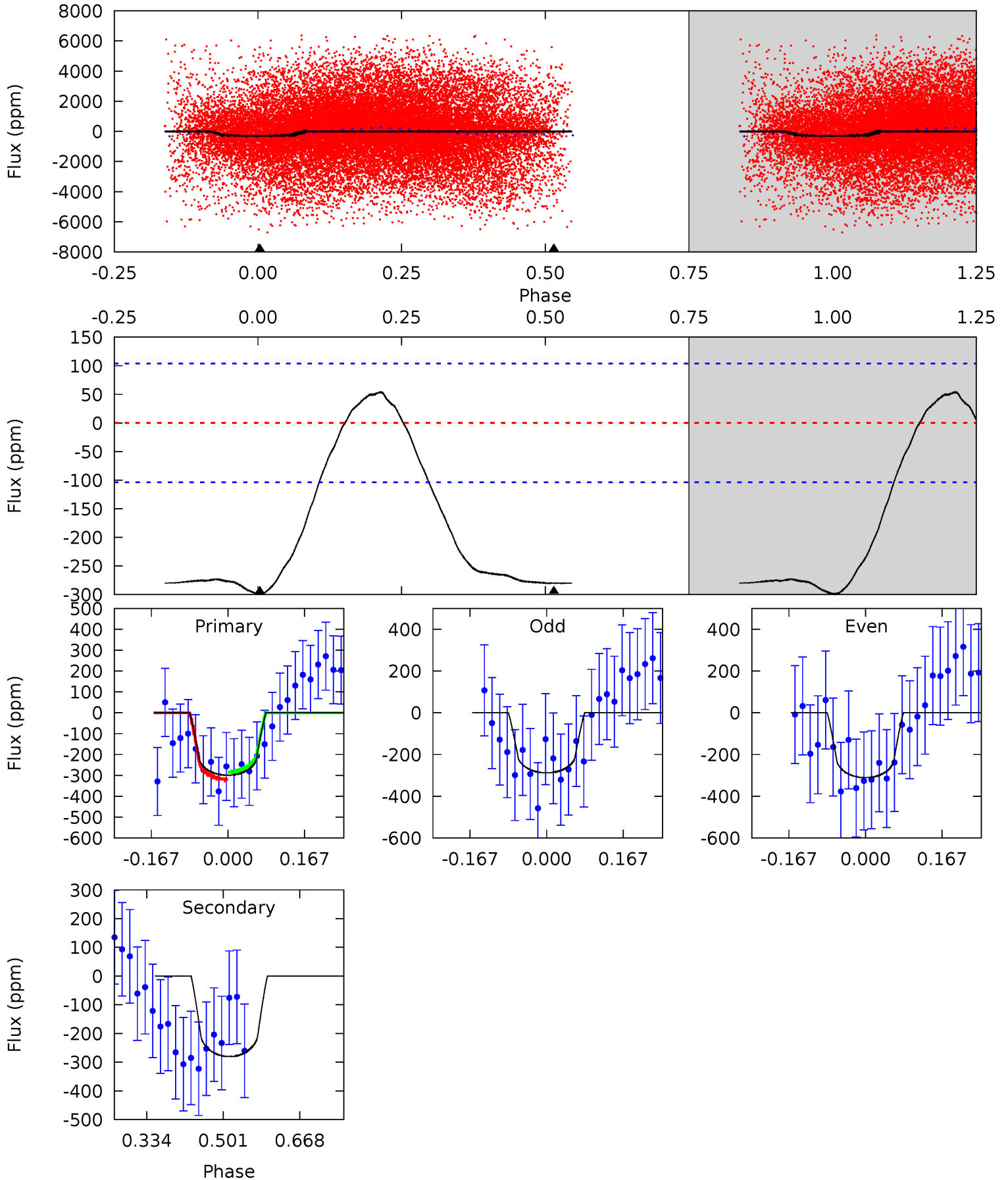
TCE 008264404-02 P= 0.934170 Days $T_0=131.750859$ (BKJD)



DV Model-Shift Uniqueness Test

008264404-02, P = 0.934300 Days, E = 131.088788 Days

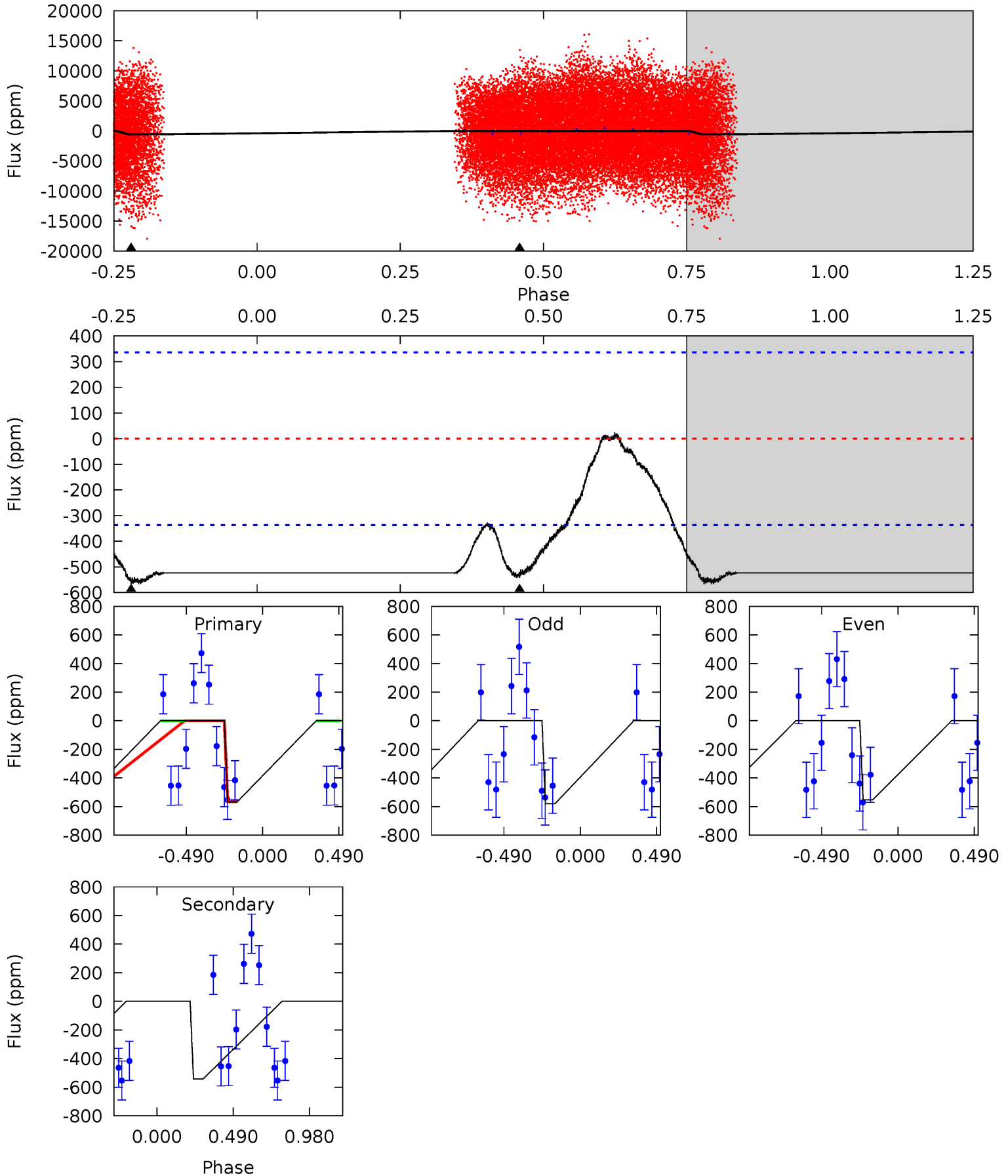
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.9	12.0	0	0	4.46	1.38	3.59	12.9	12.9	12.0	12.0	0.50	1.34	0.15	0.67



Alt Model-Shift Uniqueness Test

008264404-02, P = 0.934170 Days, E = 130.816689 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
7.11	6.81	0	0	4.22	0.69	0.21	7.11	7.11	6.81	6.81	0.17	0	0.04	0



Stellar Parameters For KIC 008264404

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	$R (R_{\odot})$	$M(M_{\odot})$	$p_{\star} (\text{g}\cdot\text{cm}^{-3})$
	7497^{+134}_{-164}	$3.730^{+0.180}_{-0.060}$	$-0.360^{+0.150}_{-0.150}$	$2.937^{+0.338}_{-0.677}$	$1.688^{+0.113}_{-0.170}$	$0.094^{+0.091}_{-0.019}$
	+2%/-2%	+5%/-2%	+42%/-42%	+12%/-23%	+7%/-10%	+97%/-20%
Source	SPE4	SPE4	SPE4	DSEP		

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

Secondary Eclipse Parameters for KIC 008264404-02 / KOI

Detrend	Depth (ppm)	$R_p (R_{\oplus})$	$T_{\text{max}} (K)$	$T_{\text{obs}} (K)$	A_{obs}
DV	-280 ± 23	$5.41^{+3.64}_{-3.07}$	5241^{+205}_{-288}	7003^{+5141}_{-1816}	$2.614^{+10.858}_{-1.670}$
Alt.	-543 ± 80	$7.58^{+3.74}_{-3.84}$	5221^{+235}_{-318}	6922^{+4190}_{-1503}	$2.569^{+7.351}_{-1.433}$

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 $T_{\text{obs}} \gg T_{\text{max}}$ AND $A_{\text{obs}} \gg 1.0$

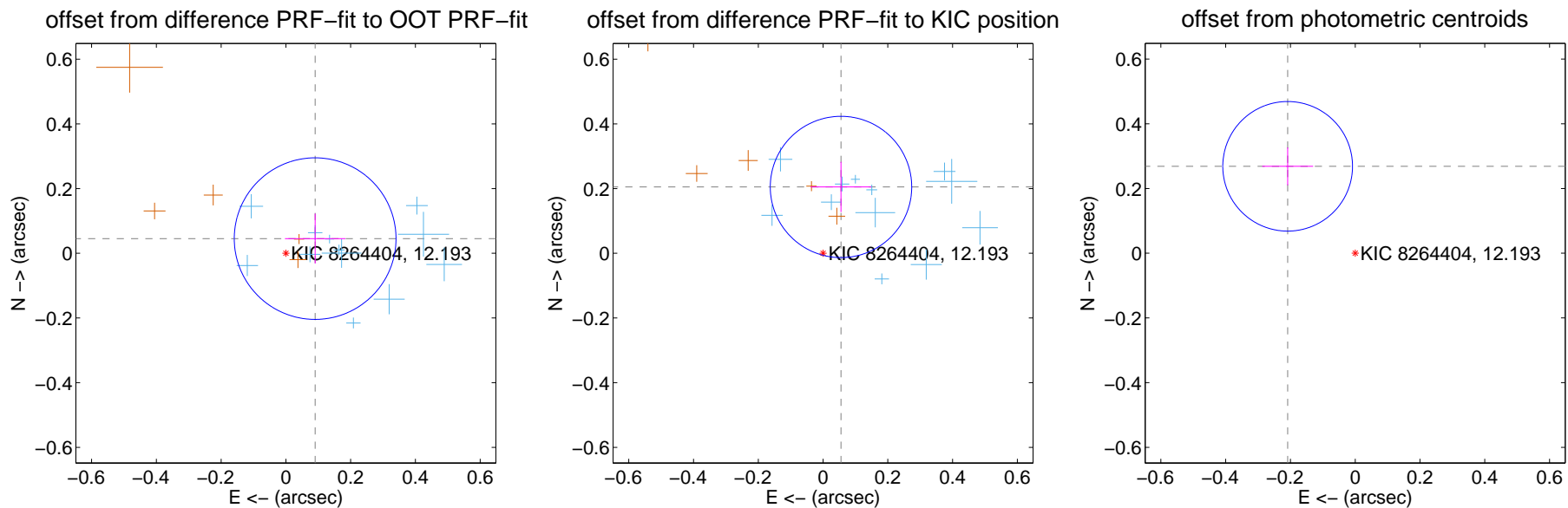
DV Centroid Data

Supplemental centroid analysis for 008264404-02. Kepler magnitude: 12.19. Transit SNR 12.99

There are 12 quarters with good PRF difference image offsets

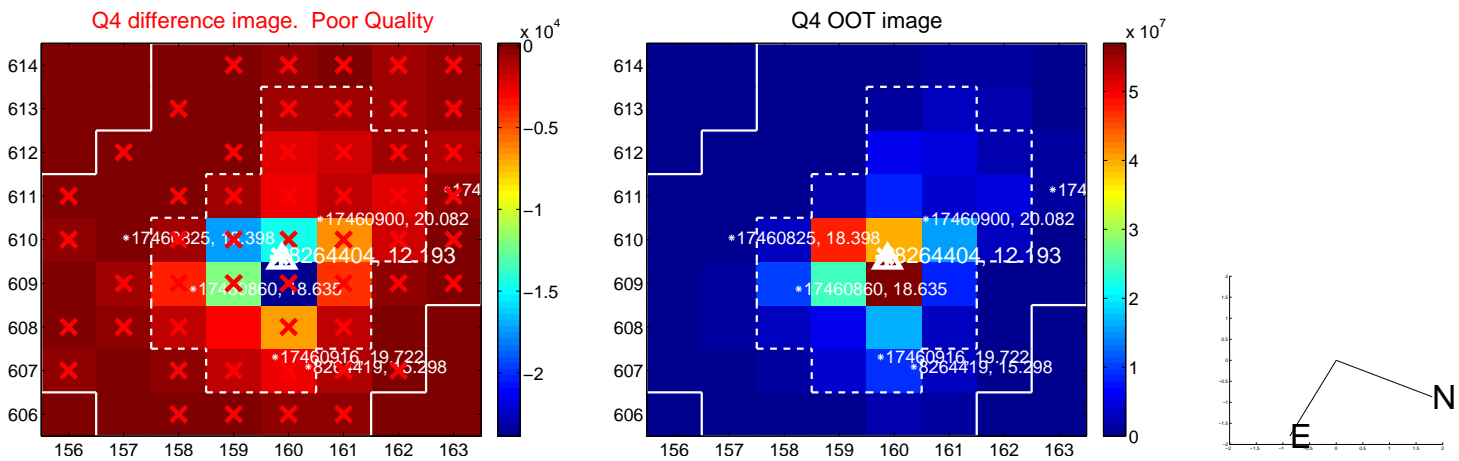
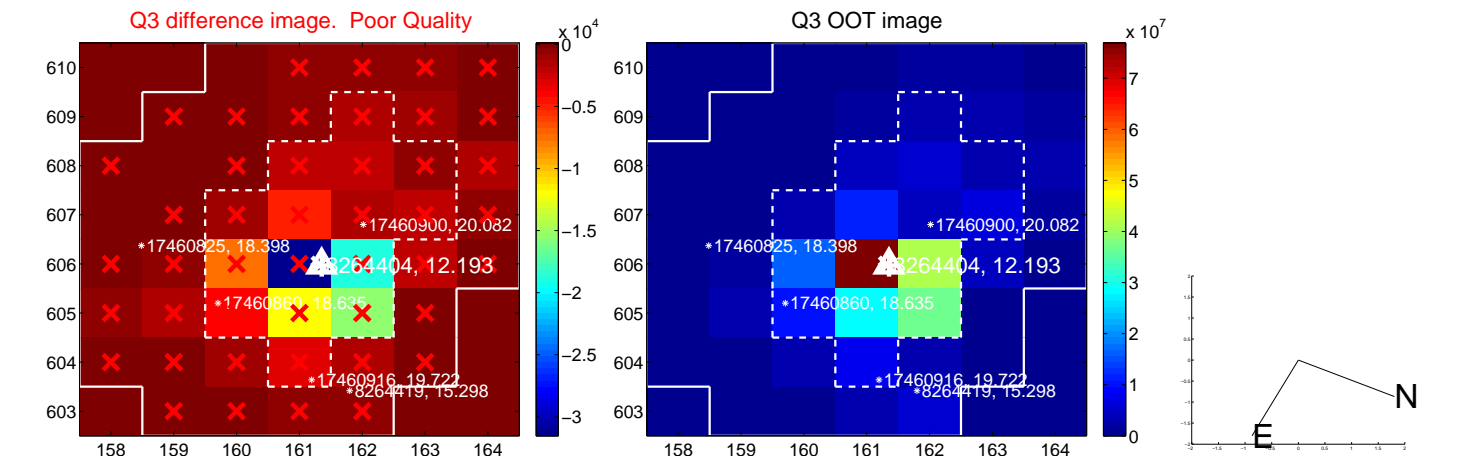
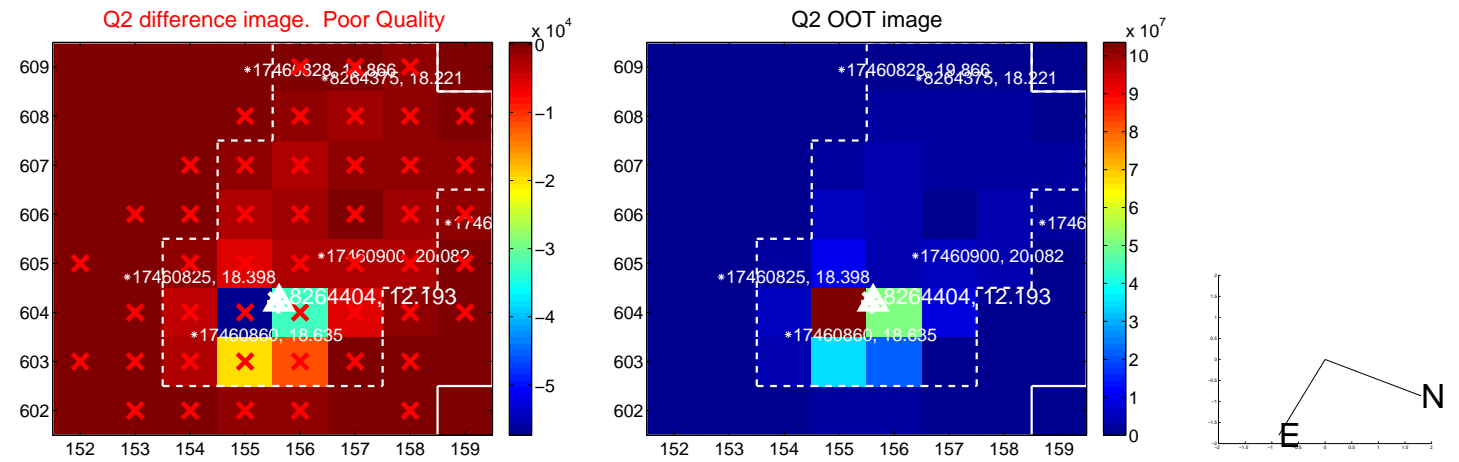
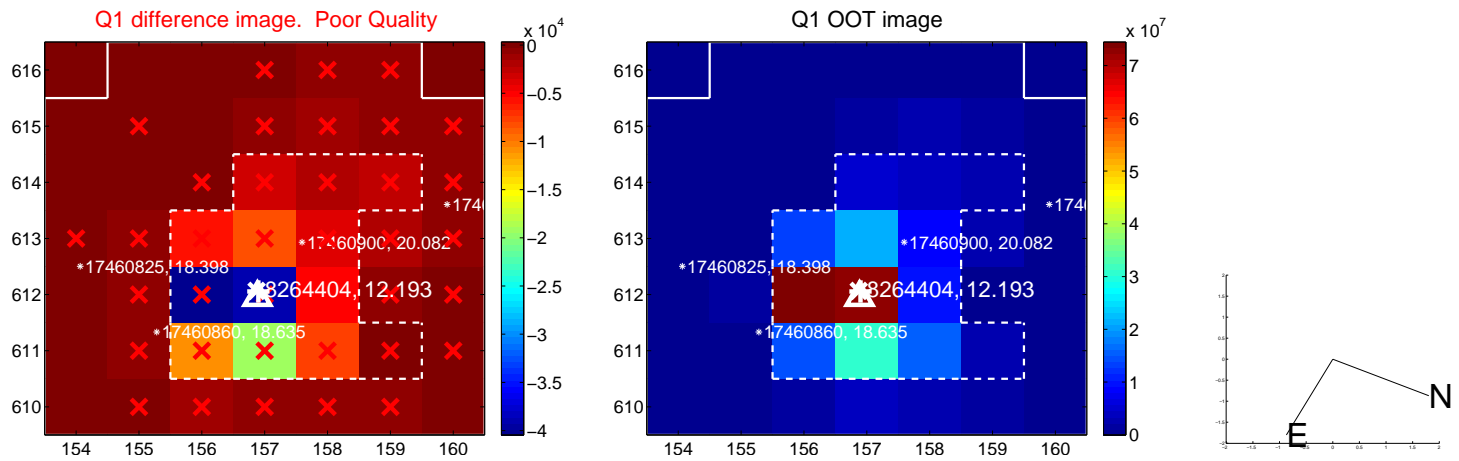
The direct PRF centroid is offset from the target star catalog position by about 0.13 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	0.101 ± 0.083	1.21	-0.090 ± 0.093	0.045 ± 0.077
PRF-fit source offset from KIC position	0.212 ± 0.073	2.92	-0.055 ± 0.093	0.205 ± 0.078
photometric centroid source offset	0.34 ± 0.07	5.10	0.21 ± 0.08	0.27 ± 0.06

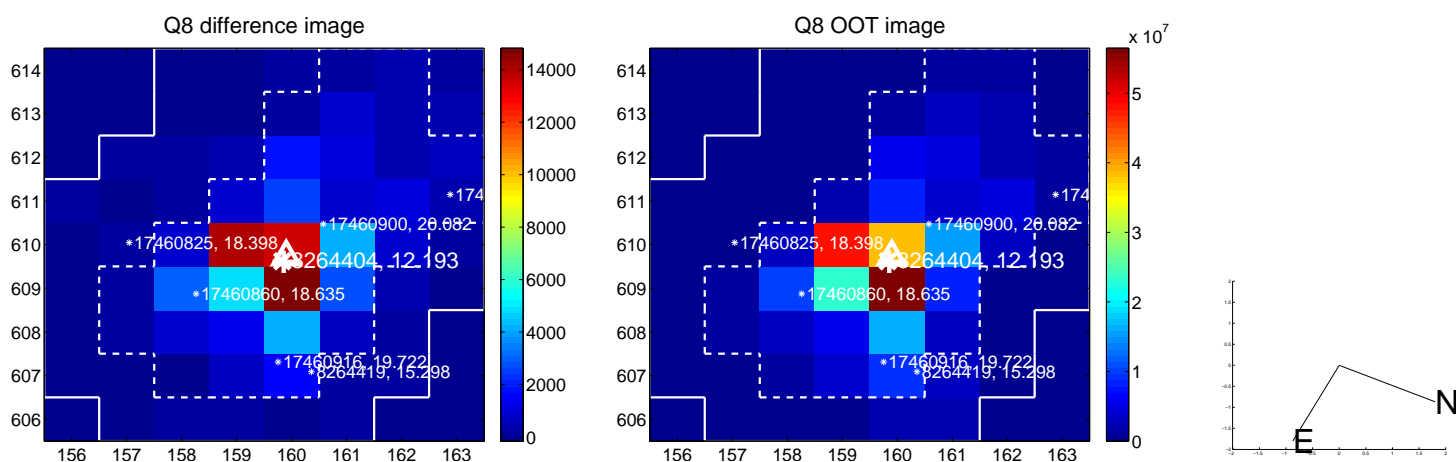
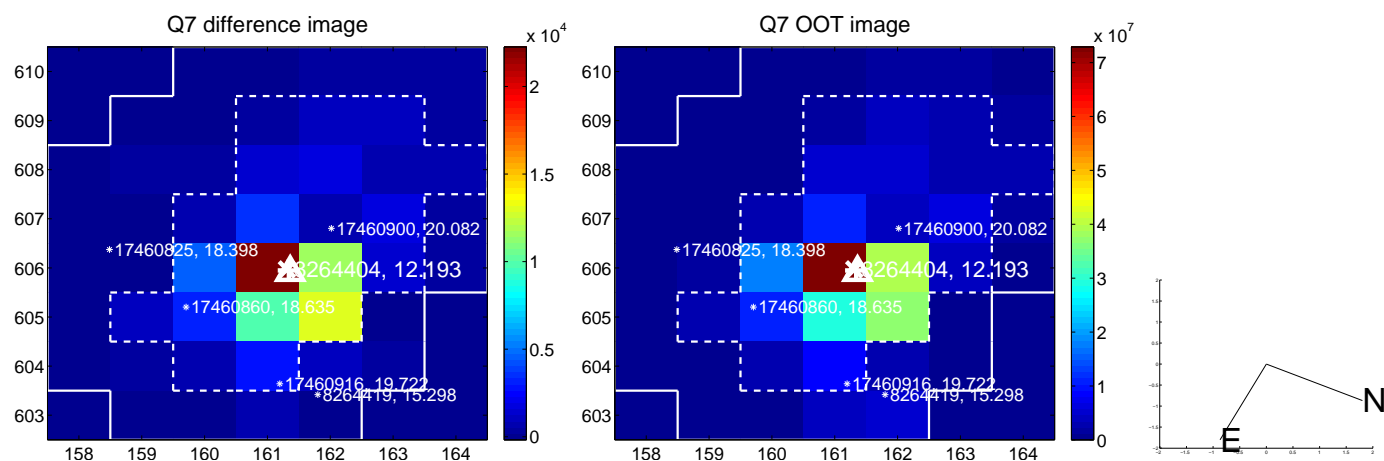
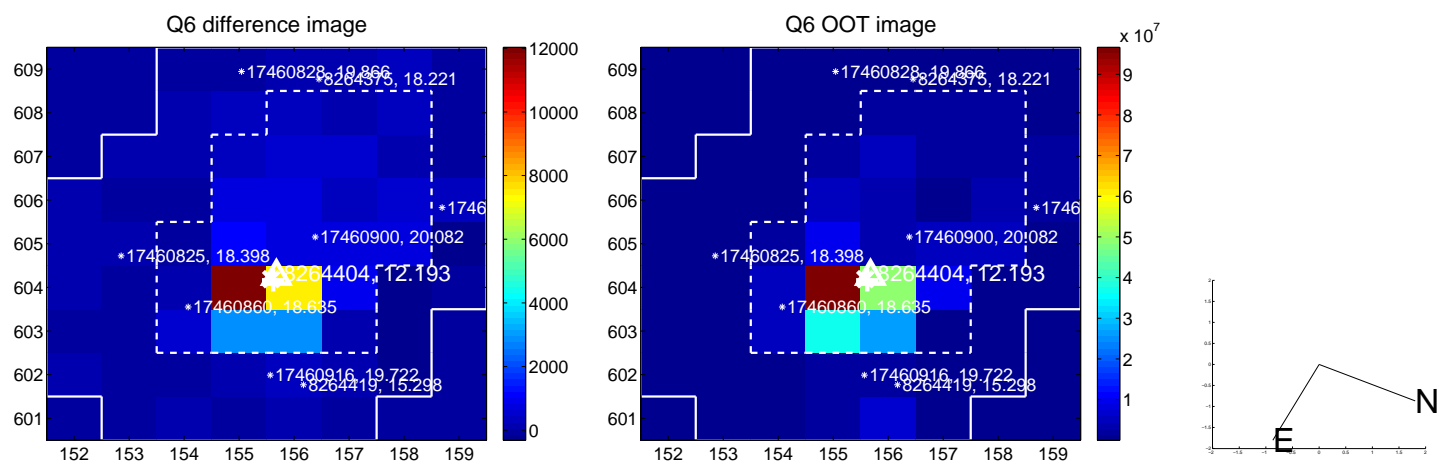
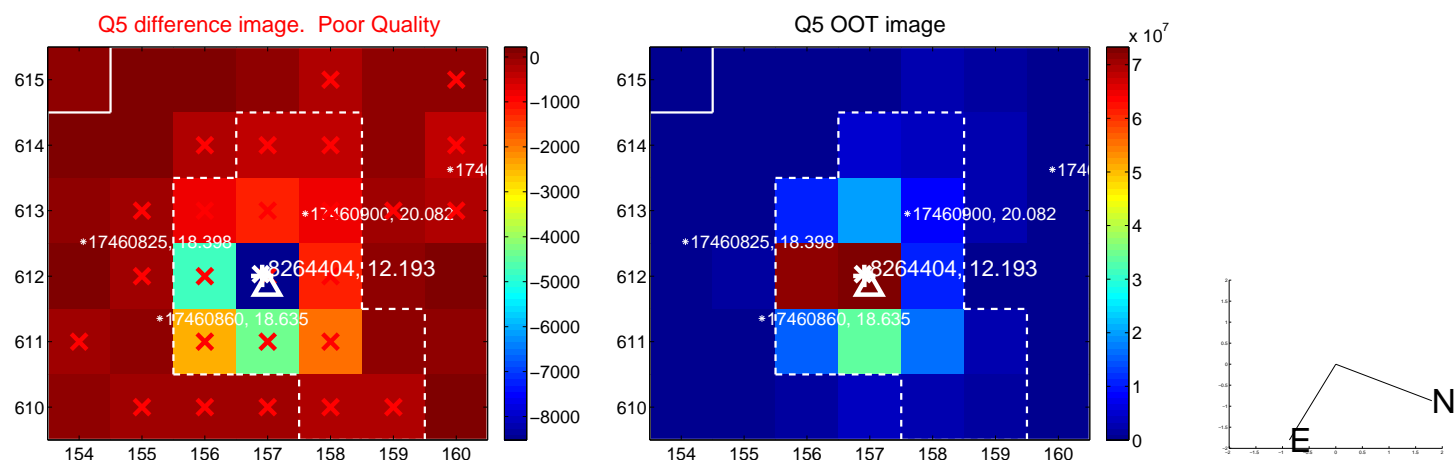


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets**; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three- 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.

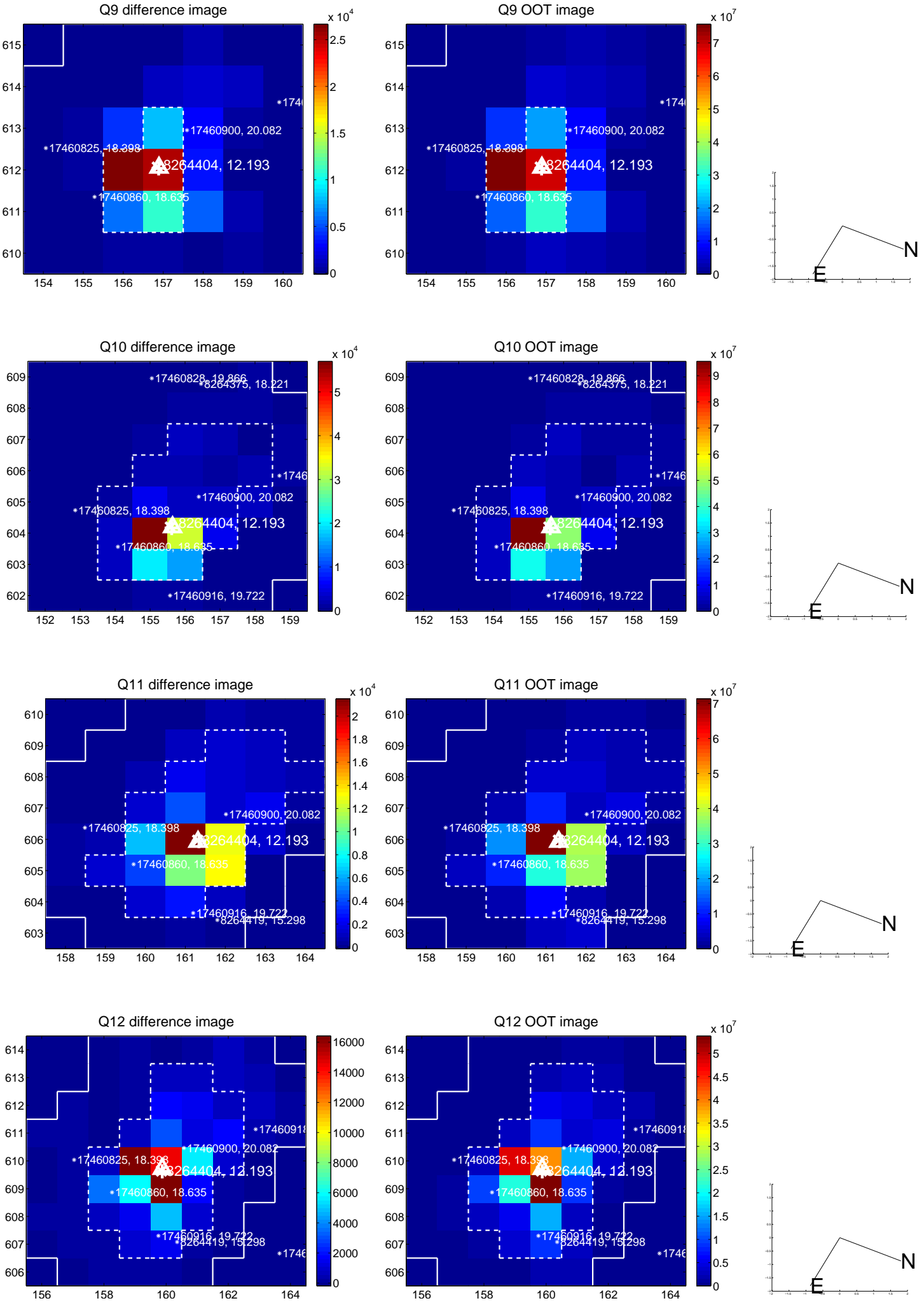
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



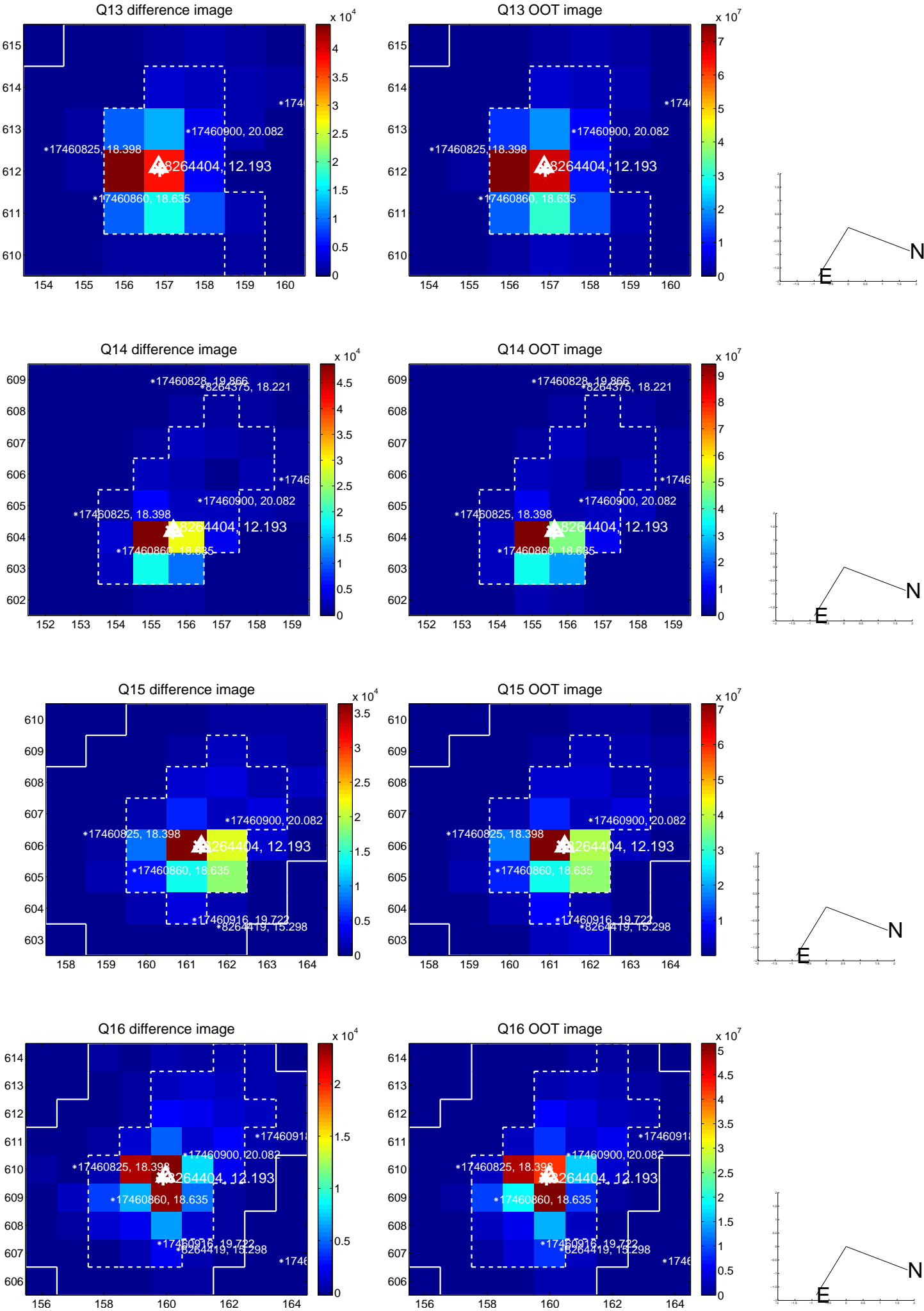
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



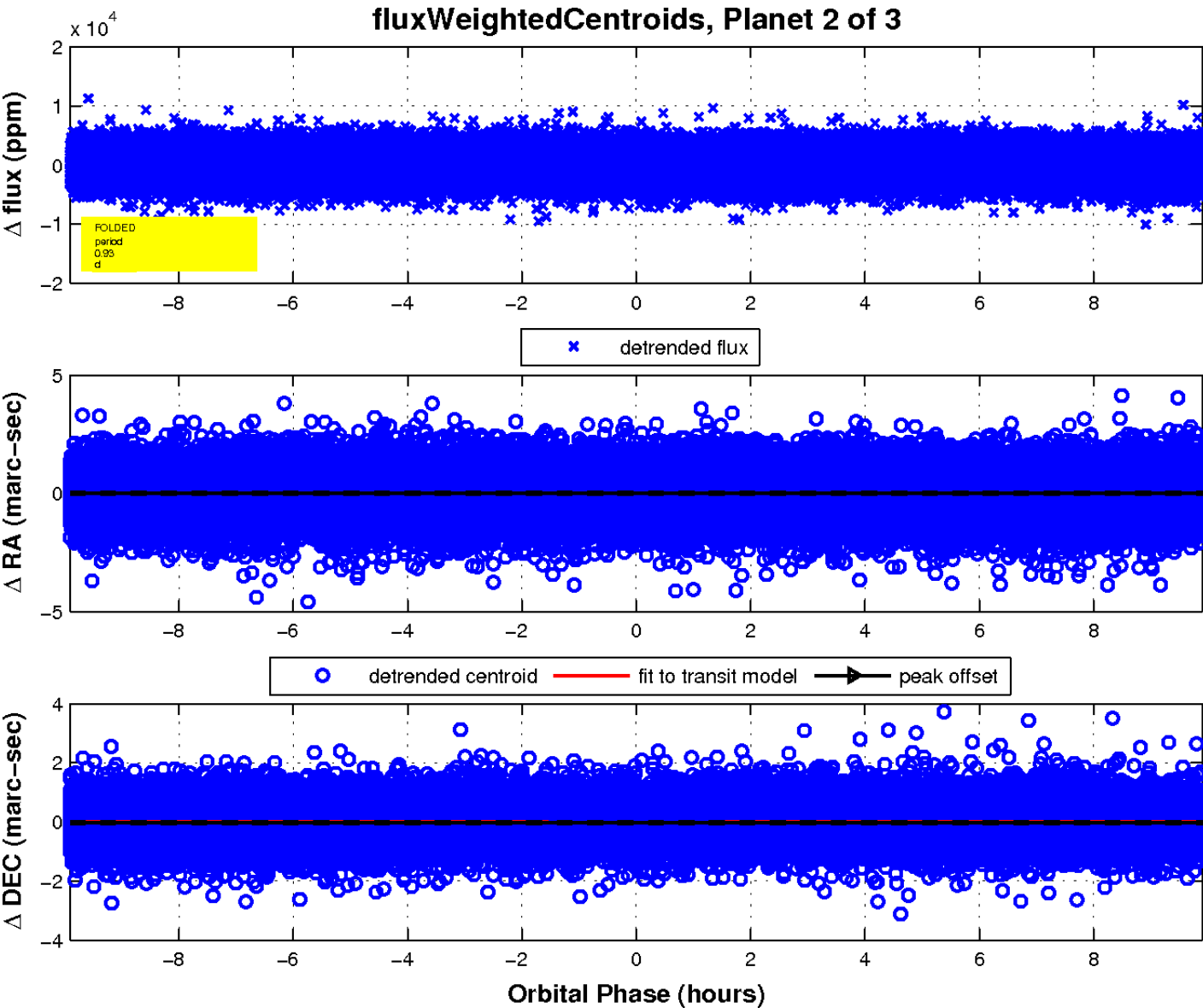
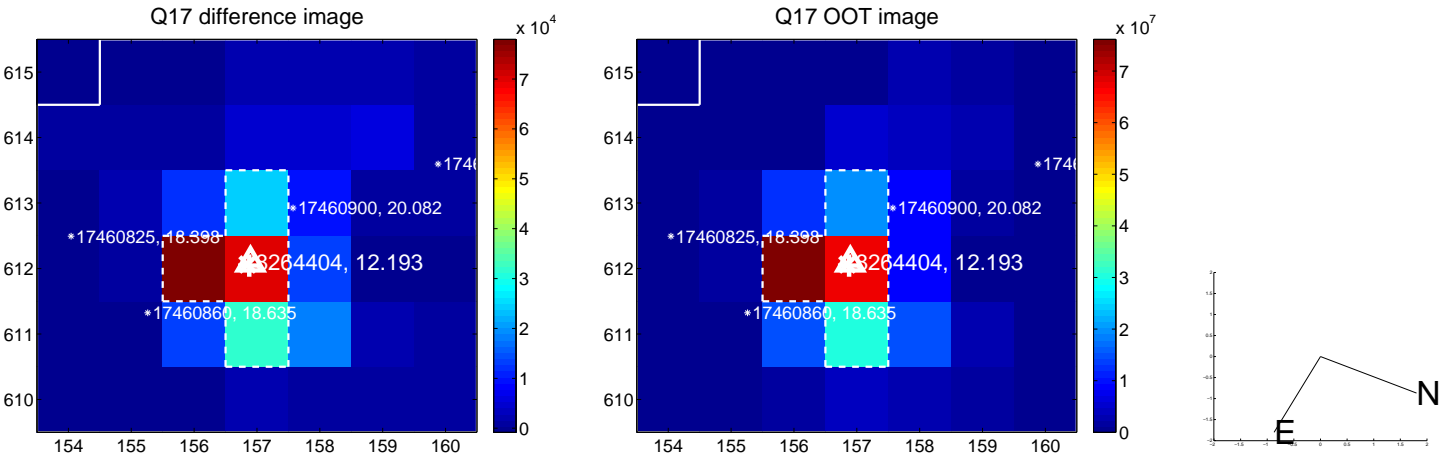
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.

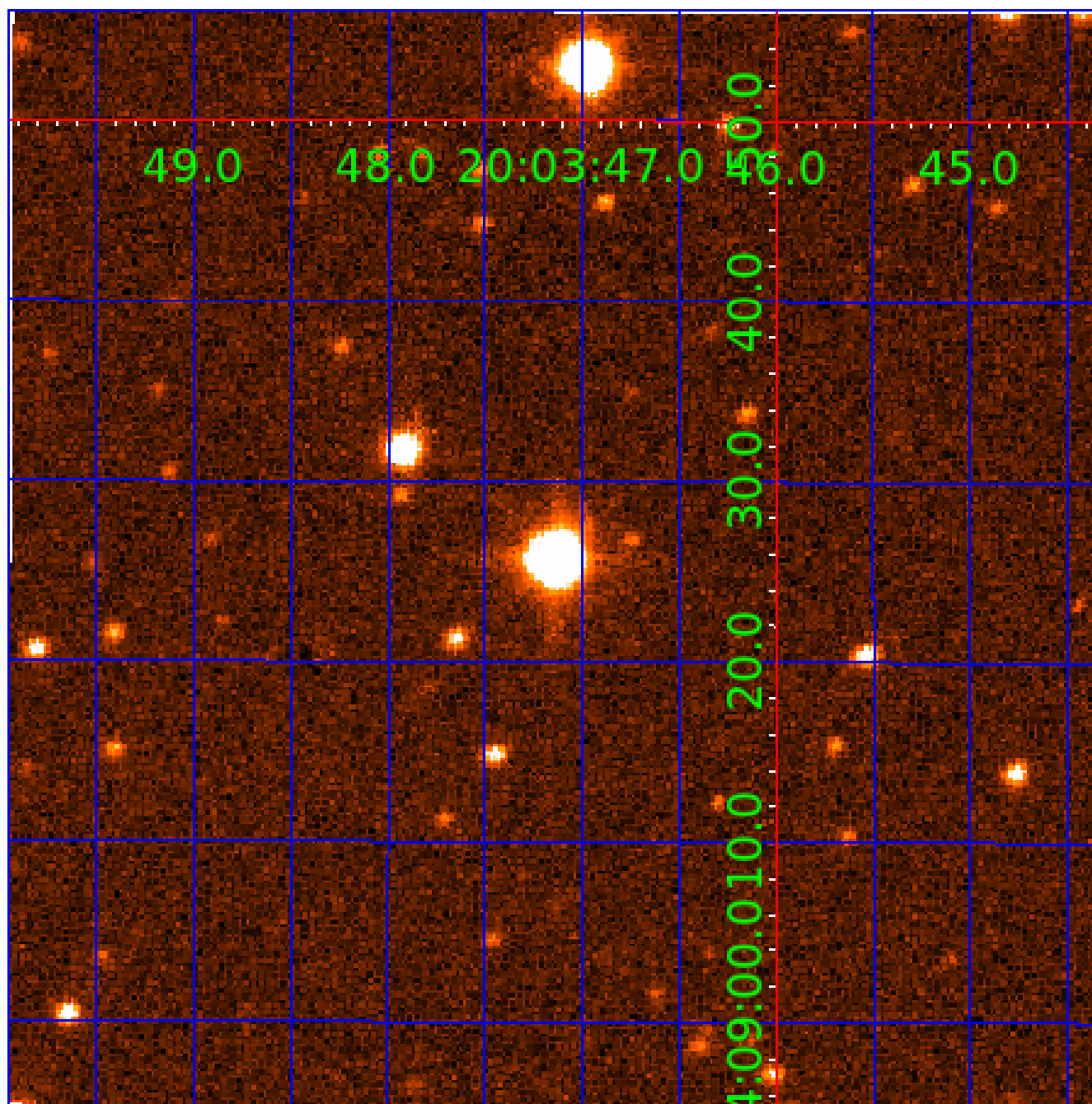


white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



UKIRT Image

Declination



KIC 008264404

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_{\star} (R_{\odot})	T_{\star} (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
008264404-01	OBS	No	0.934131	131.866017	313.4	4.084	16.1	16.3	2.94	7497	6.08	49185.43
008264404-02	OBS	No	0.934300	132.023088	302.7	3.302	16.3	13.0	2.94	7497	5.15	49173.61
008264404-03	OBS	No	0.934180	131.526619	187.8	2.500	15.8	-1.0	2.94	7497	4.06	49182.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
008264404-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT
008264404-02	OBS	FP	0.00	1	0	1	0	INDIV_TRANS_SKYE_ZUMA_TRACKER—LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—SAME_NTL_PERIOD—HALO_GHOST
008264404-03	OBS	FP	0.00	1	0	0	0	LPP_DV—NO_FITS—SAME_NTL_PERIOD—CENT_NOFITS

Notes: OBS = Observed. INJ = Injected. INV = Inverted. SCR = Scrambled.

N = Not Transit-Like. S = Stellar Eclipse. C = Centroid Offset. E = Ephemeris Match.

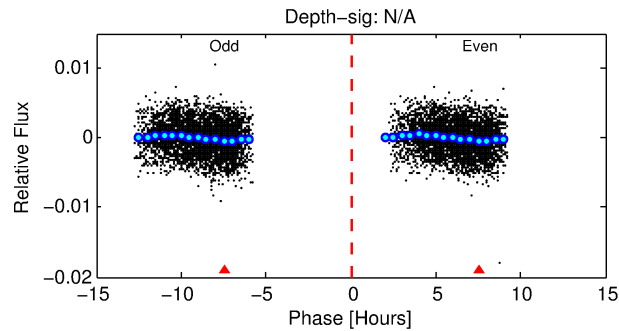
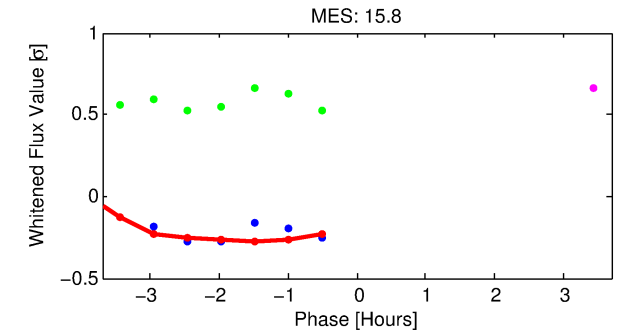
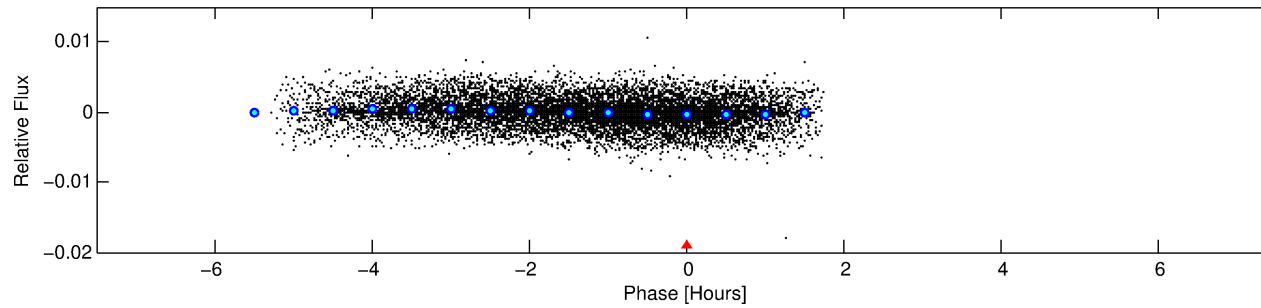
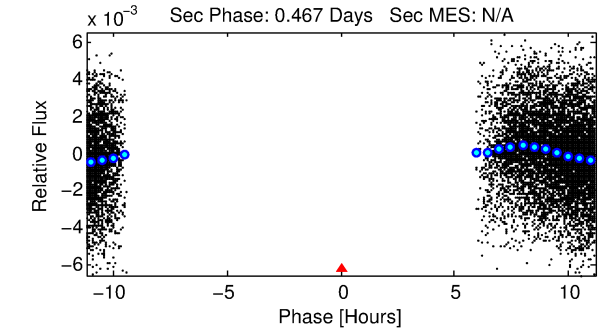
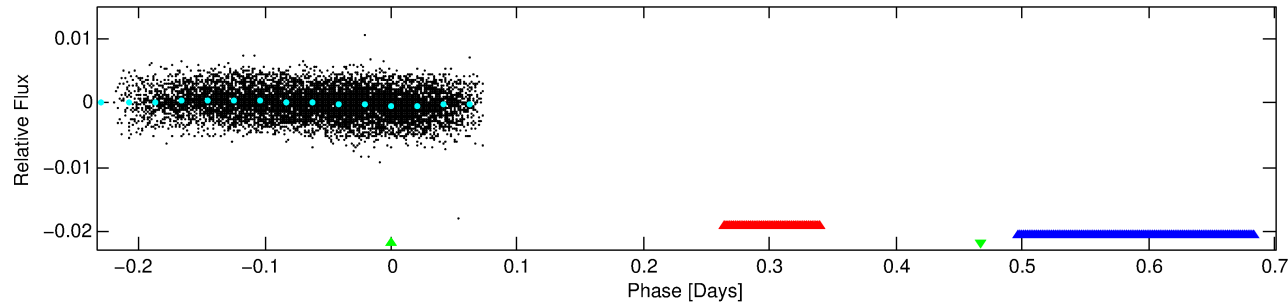
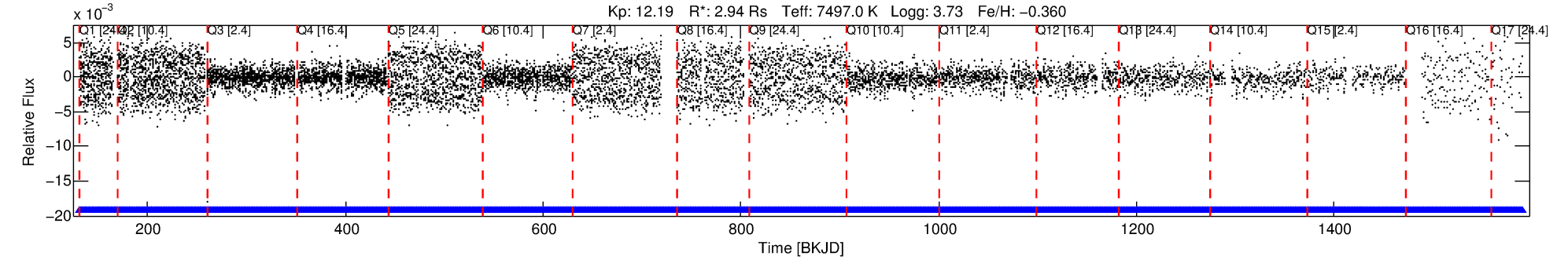
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 008264404-03

No Significant Match Found

DV One-Page Summary

KIC: 8264404 Candidate: 3 of 3 Period: 0.934 d



TPS TCE Results:

Period = 0.93418 d
Epoch = 131.5266 BKJD

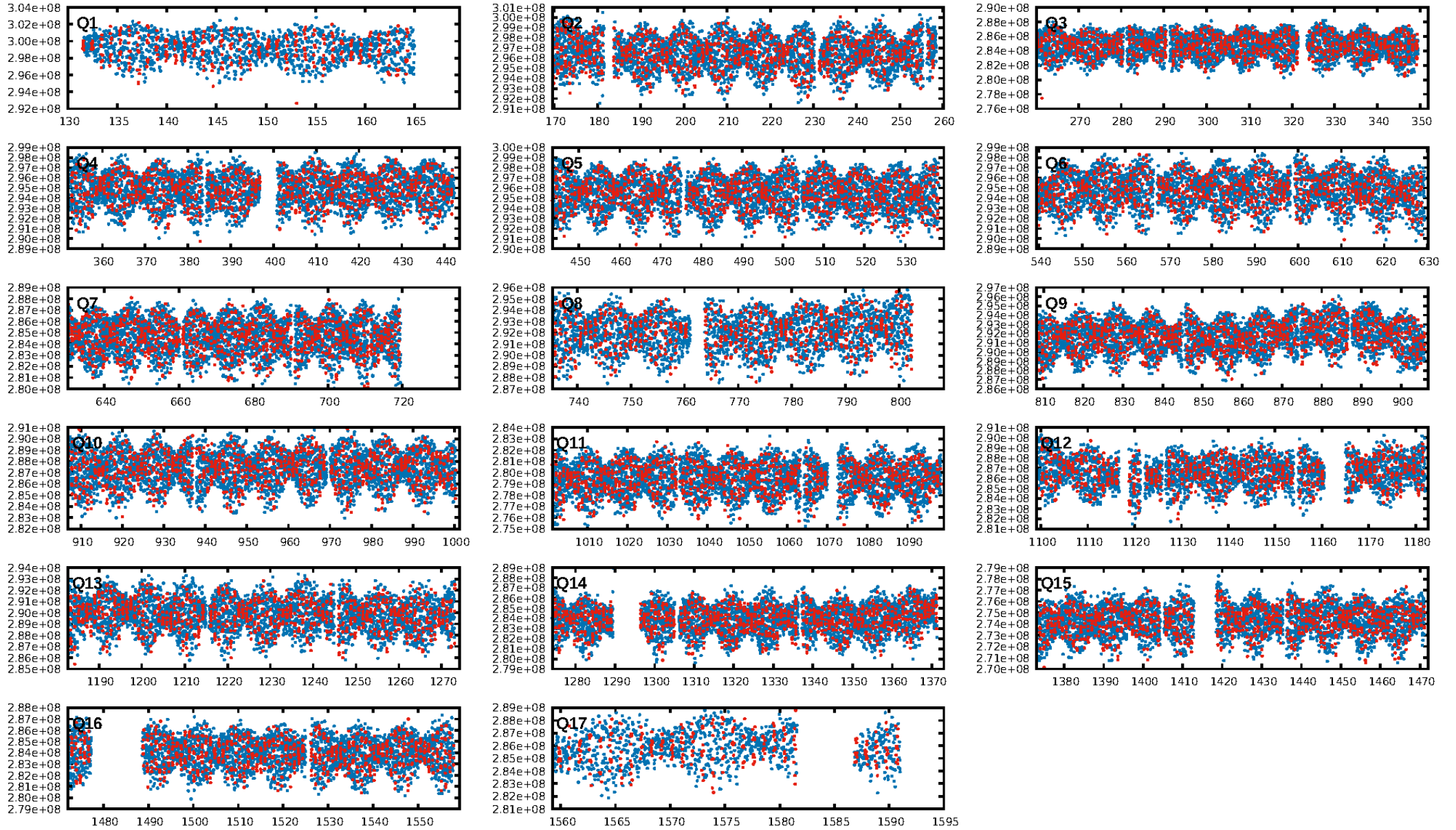
DV fit results are unavailable

DV Diagnostic Results:

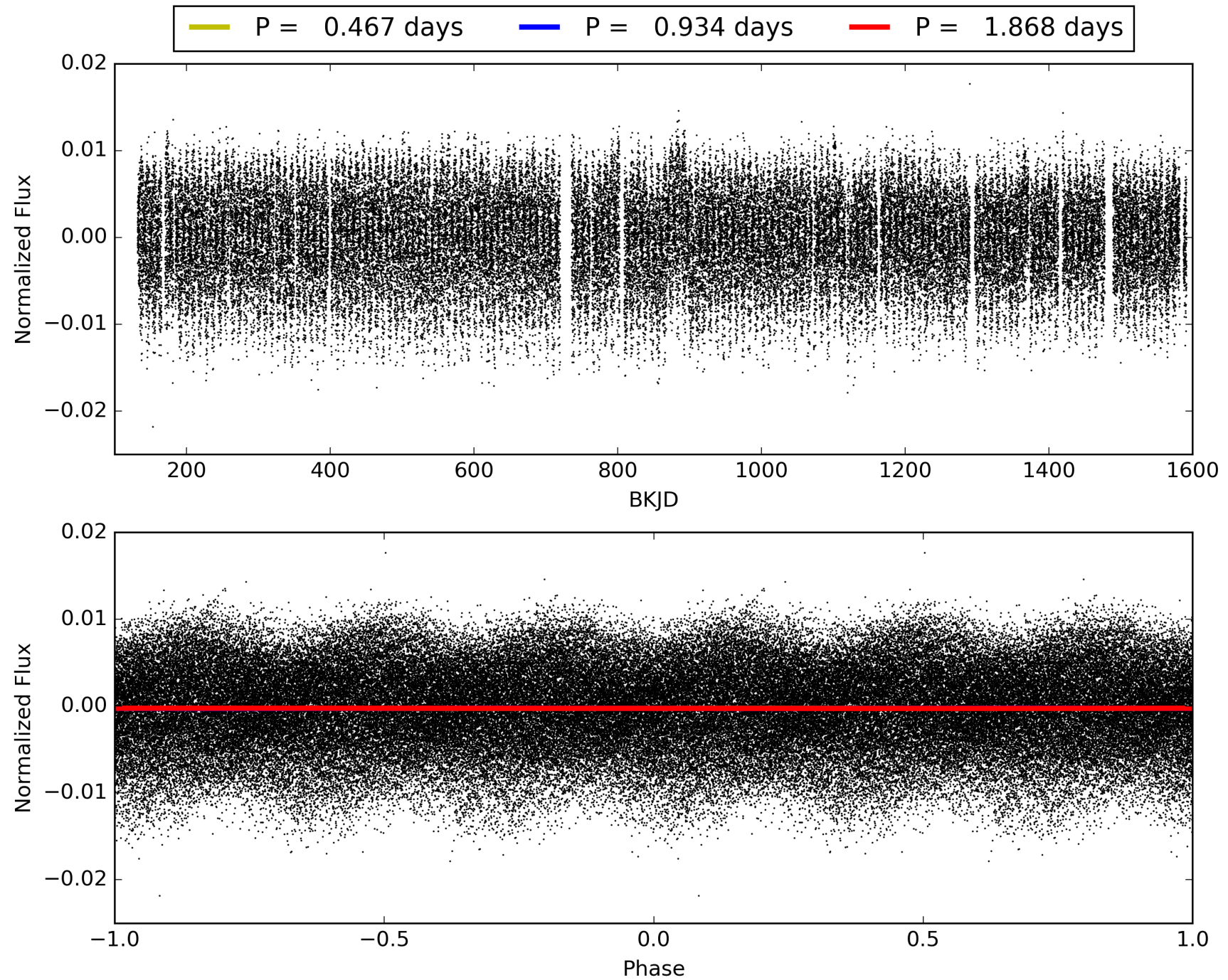
ShortPeriod-sig: 0.0% [0.00σ]
LongPeriod-sig: 0.1% [0.00σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: N/A
GhostDiagnostic-chr: N/A

Centroid-sig: N/A
Centroid-so: N/A
OotOffset-rm: N/A
KicOffset-rm: N/A
OotOffset-st: 0/0/0/0 [0]
KicOffset-st: 0/0/0/0 [0]
DiffImageQuality-fgm: N/A
DiffImageOverlap-fno: N/A

TCE 008264404-03, PDC Light Curves

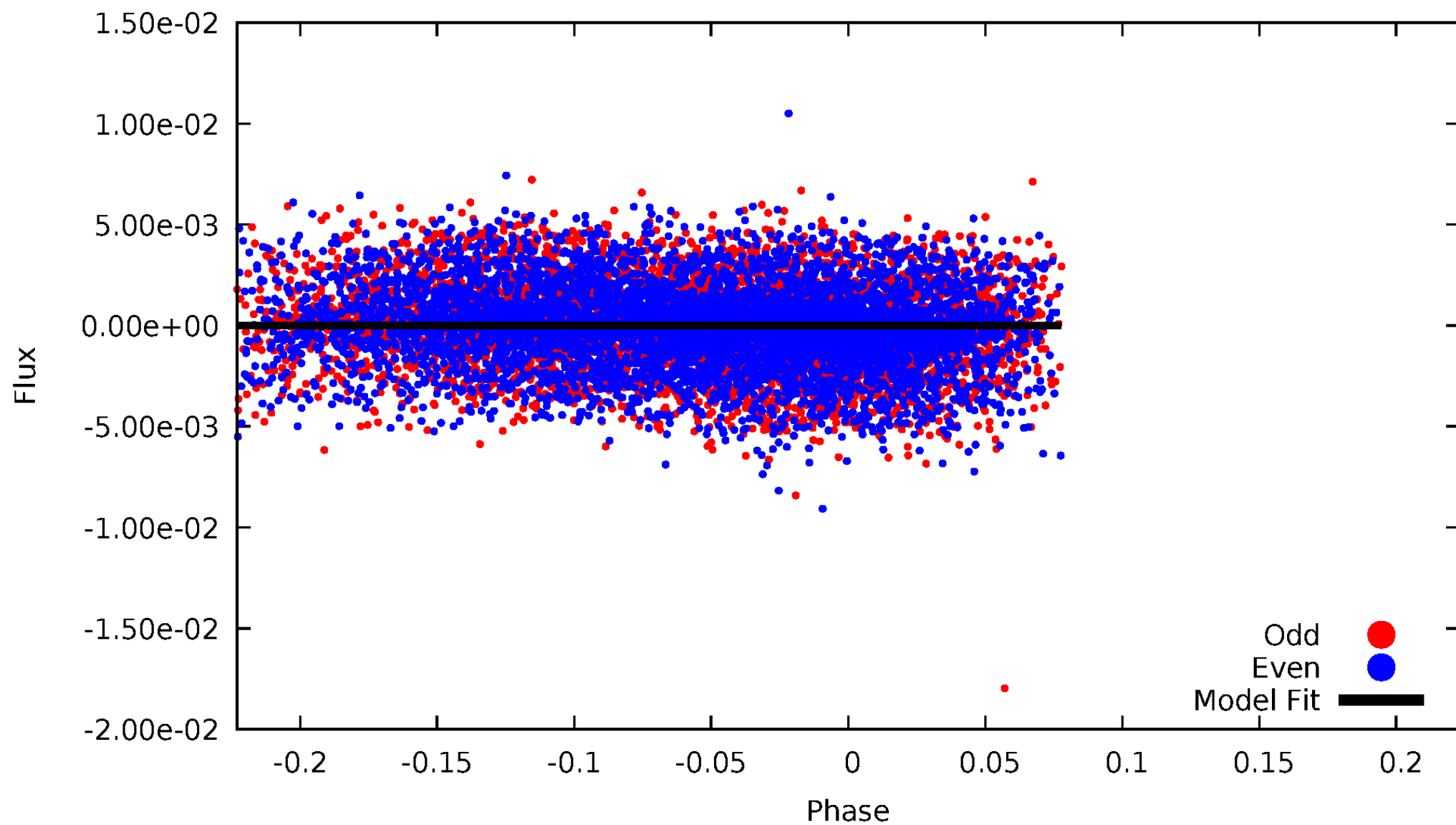


TCE 008264404-03



DV Odd/Even

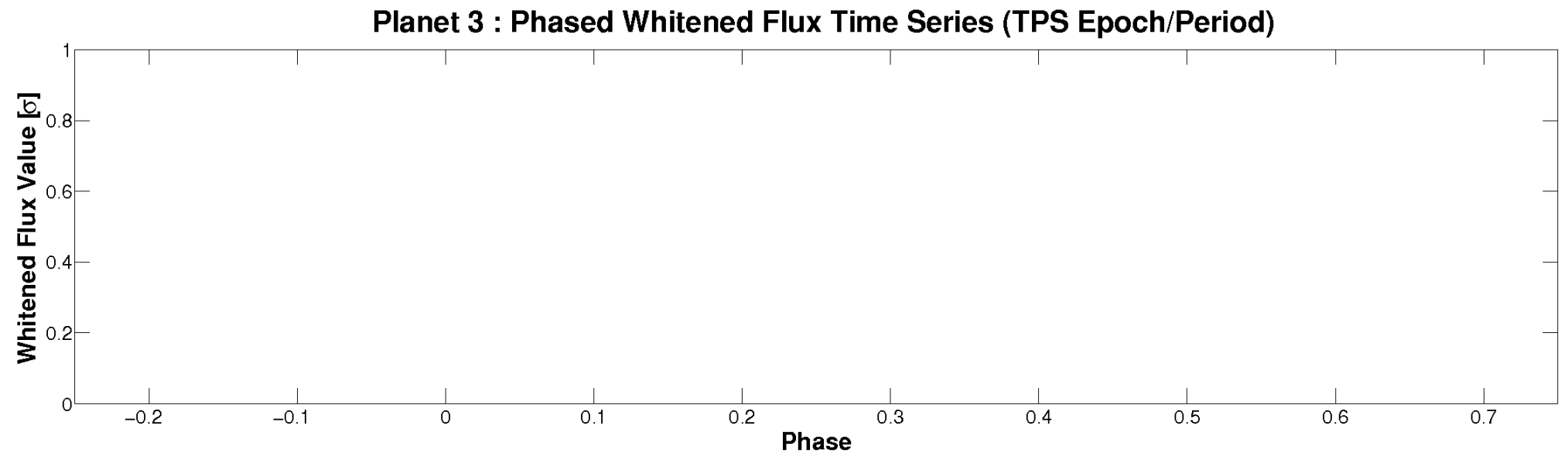
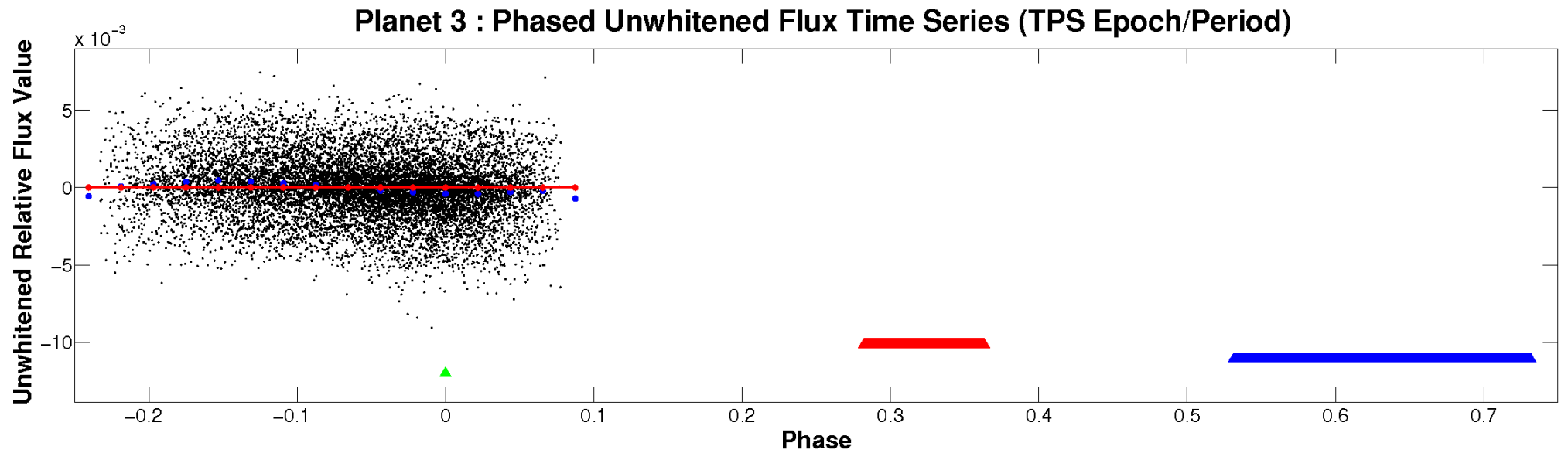
TCE 008264404-03



ALT Odd/Even

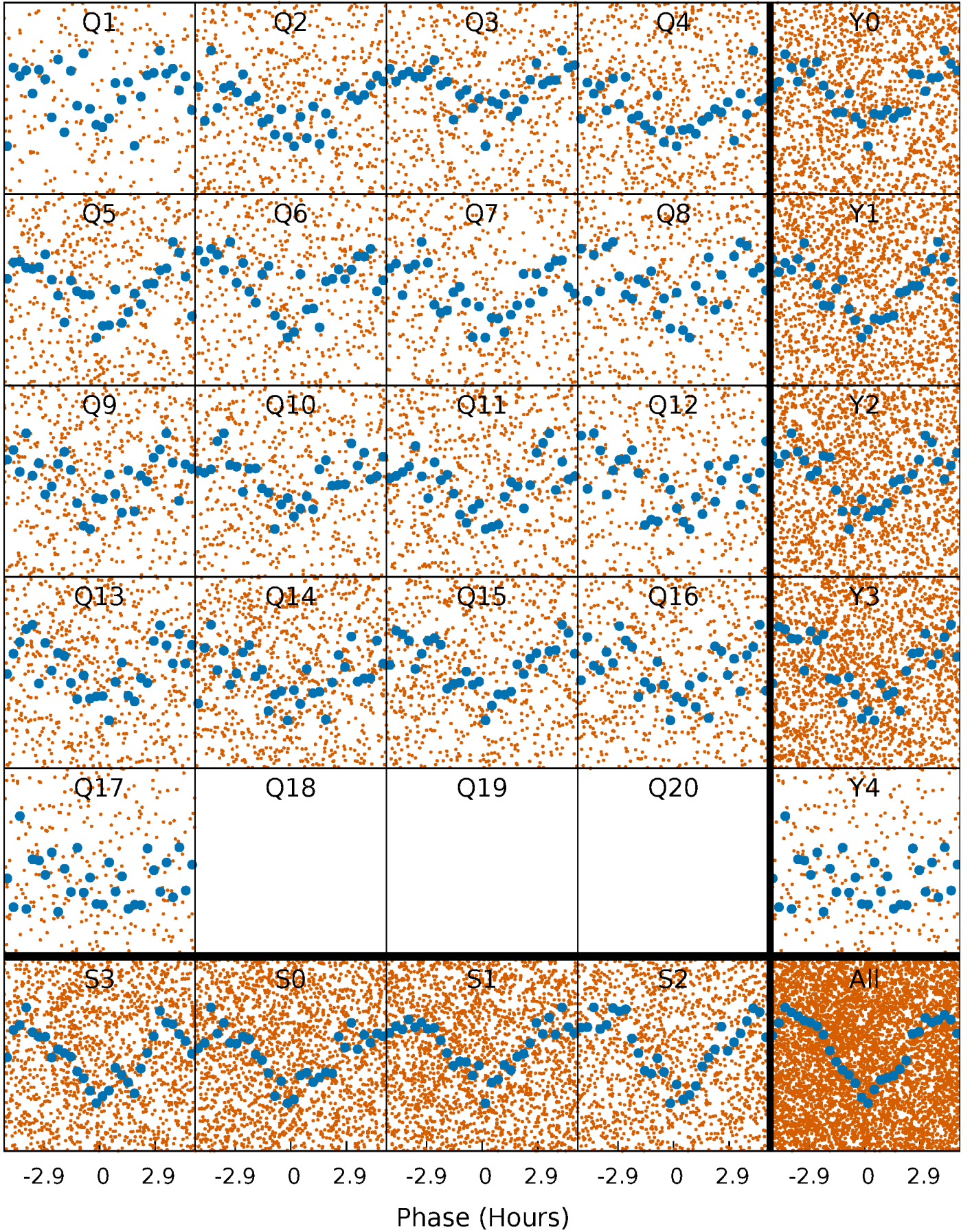
This plot does not exist for this TCE.

Non-Whitened Vs. Whitened Light Curve



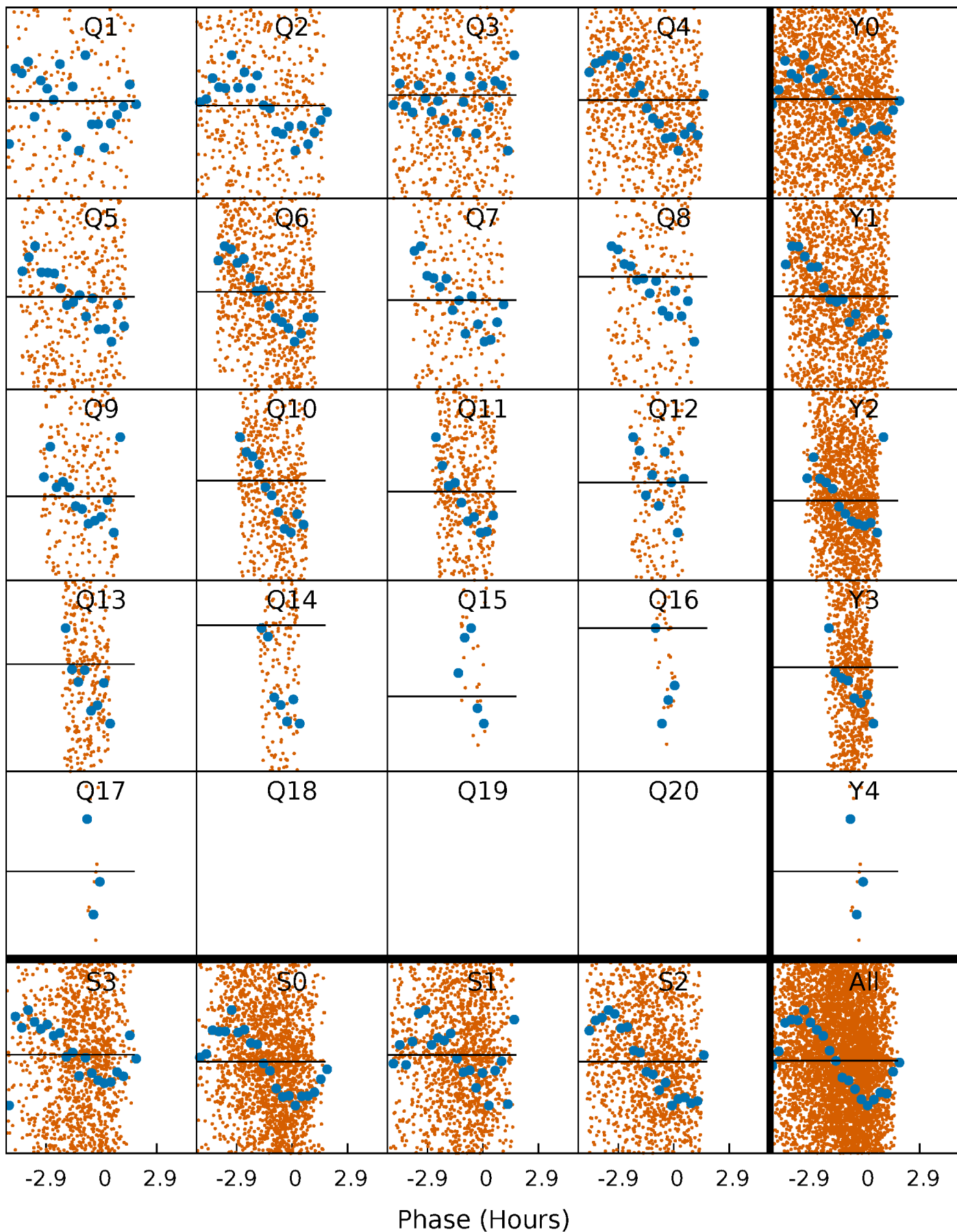
PDC Quarter-Phased Transit Curves

TCE 008264404-03 P= 0.934180 Days $T_0=131.526619$ (BKJD)



DV Quarter-Phased Transit Curves

TCE 008264404-03 P= 0.934180 Days $T_0=131.526619$ (BKJD)

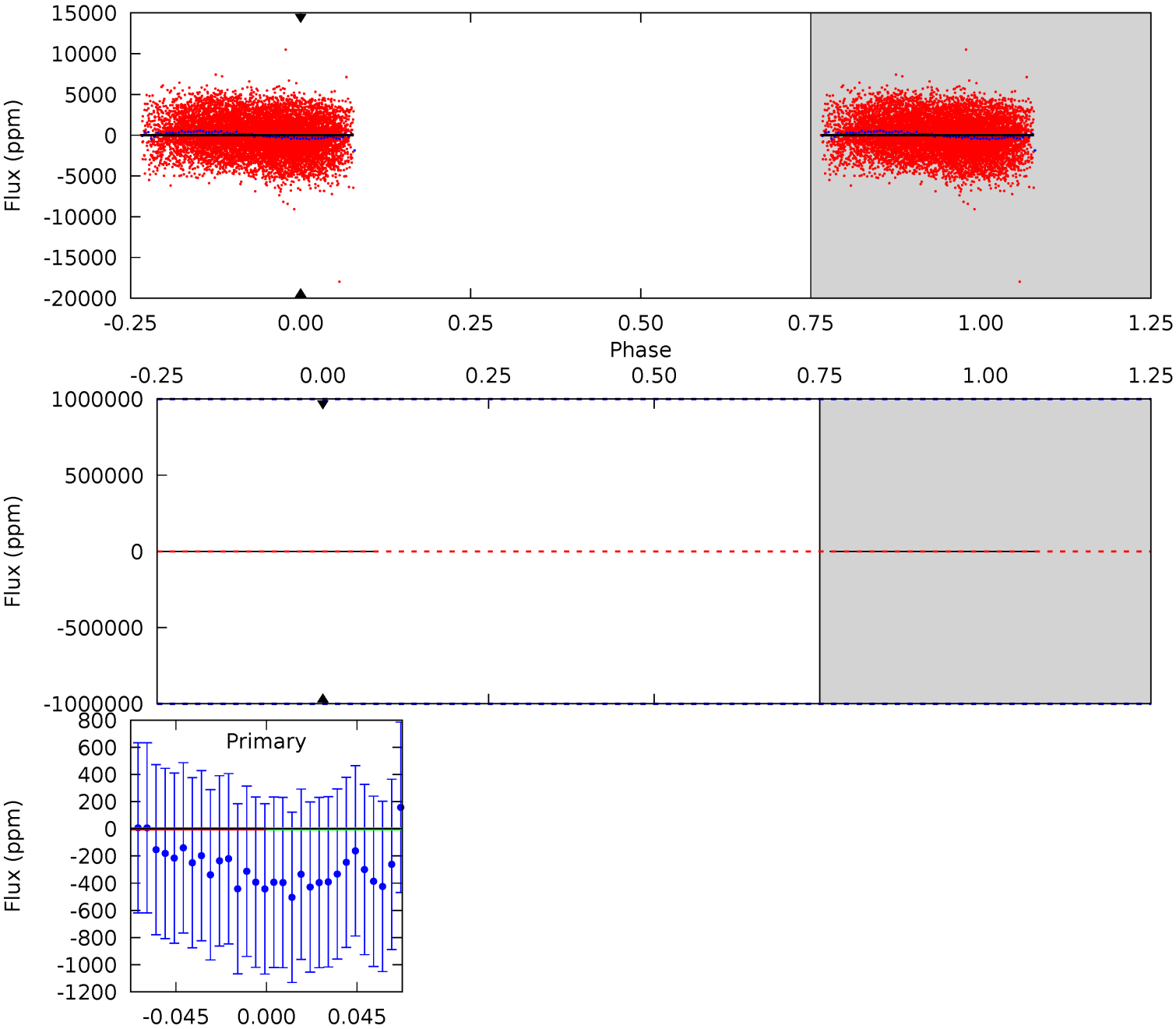


This plot does not exist for this TCE.

DV Model-Shift Uniqueness Test

008264404-03, P = 0.934180 Days, E = 130.592439 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
0	0	0	0	1.00	1.00	1.00	0	0	0	0	0	0	0	0



Alt Model-Shift Uniqueness Test

This plot does not exist for this TCE.

Stellar Parameters For KIC 008264404

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	7497^{+134}_{-164}	$3.730^{+0.180}_{-0.060}$	$-0.360^{+0.150}_{-0.150}$	$2.937^{+0.338}_{-0.677}$	$1.688^{+0.113}_{-0.170}$	$0.094^{+0.091}_{-0.019}$
	+2%/-2%	+5%/-2%	+42%/-42%	+12%/-23%	+7%/-10%	+97%/-20%
Source	SPE4	SPE4	SPE4	DSEP		

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

Secondary Eclipse Parameters for KIC 008264404-03 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	0 ± 1000000	$21.67^{+24.11}_{-15.43}$	5248^{+190}_{-305}	-5020^{+52518}_{-35191}	$-0.272^{+112.246}_{-92.565}$
Alt.	N/A	N/A	N/A	N/A	N/A

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 $A_{obs} \gg 1.0$

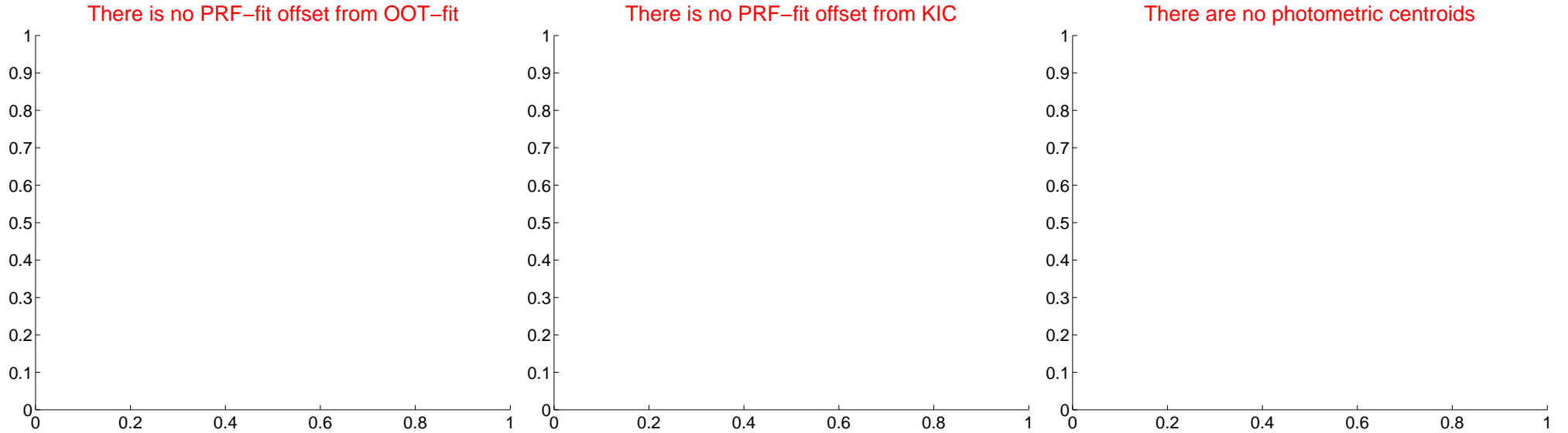
DV Centroid Data

Supplemental centroid analysis for 008264404-03. Kepler magnitude: 12.19. Transit SNR -1.00

There are 0 quarters with good PRF difference image offsets

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

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	—	—	—	—
PRF-fit source offset from KIC position	—	—	—	—
photometric centroid source offset	—	—	—	—



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.

white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



folded centroid time series figure for this object.

UKIRT Image

Declination

