

KIC 011250867

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})
011250867-01	OBS	7428.01	2.252812	131.634110	264956.9	2.000	20417.7	-1.0	0.95	6116	34.10	1082.89
011250867-02	OBS	No	4.505645	135.012542	33089.5	3.271	4369.6	1830.7	0.95	6116	29.89	429.74
011250867-03	OBS	No	4.505675	133.717818	17594.5	10.500	4410.5	-1.0	0.95	6116	12.66	429.74

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011250867-01	OBS	FP	0.00	0	1	0	0	MOD_SEC_ALT—HAS_SEC_TCE—CENT_NOFITS
011250867-02	OBS	FP	0.00	1	1	0	0	IS_SEC_TCE
011250867-03	OBS	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE_ZUMA—LPP_DV—LPP_ALT—RESIDUAL_TCE—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.

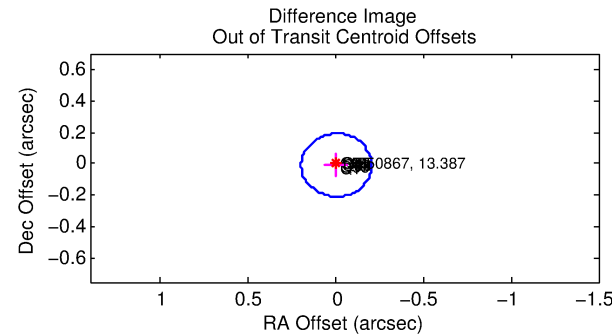
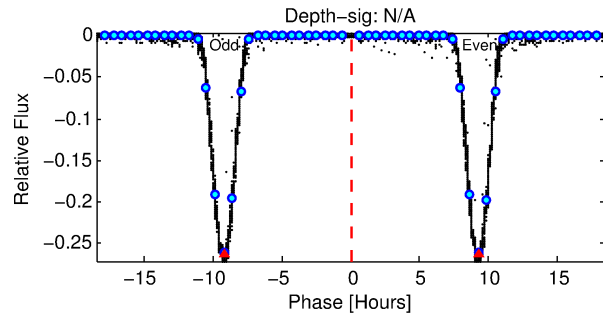
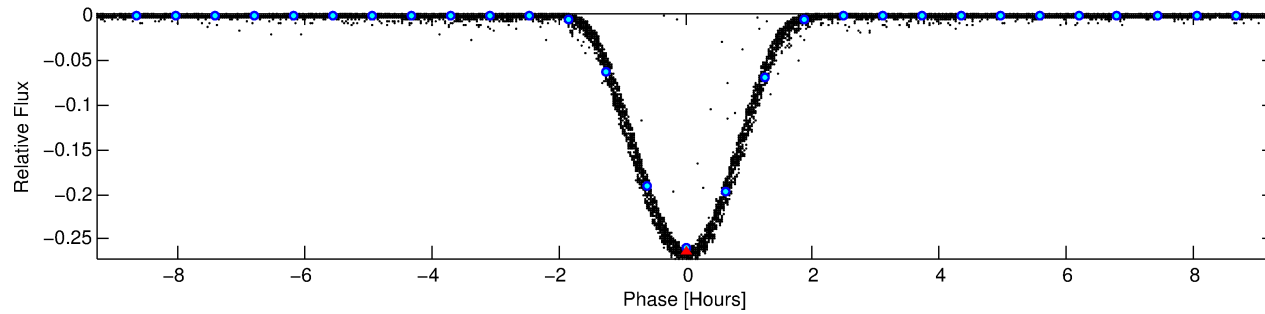
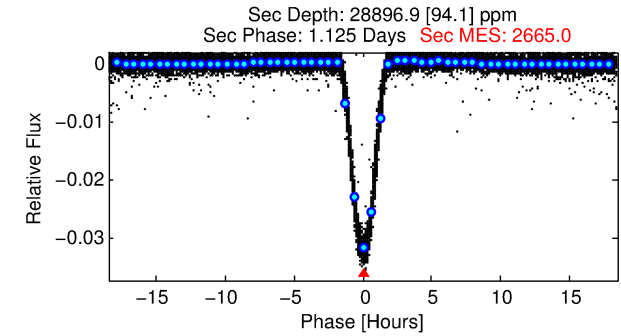
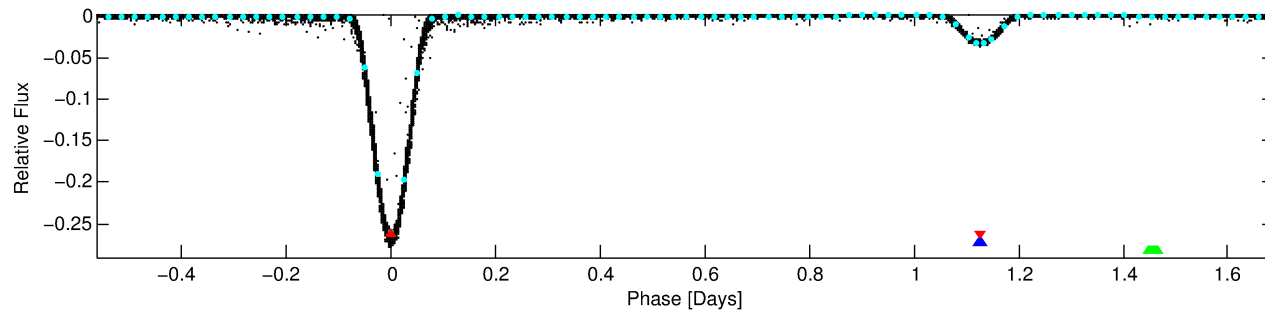
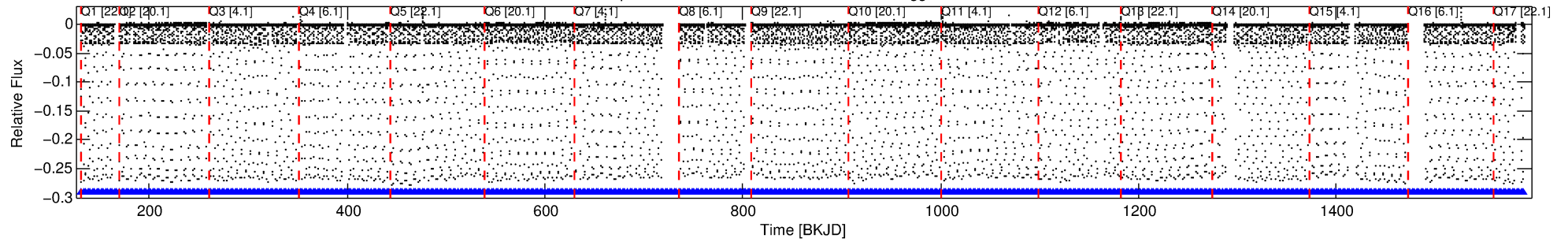
Ephemeris Match Information For 011250867-01

No Significant Match Found

DV One-Page Summary

KIC: 11250867 Candidate: 1 of 3 Period: 2.253 d
KOI: K07428.01 Corr: 0.766

Kp: 13.39 R*: 0.95 Rs Teff: 6116.0 K Logg: 4.43 Fe/H: -0.560



TPS TCE Results:

Period = 2.25281 d
Epoch = 131.6341 BKJD

DV fit results are unavailable

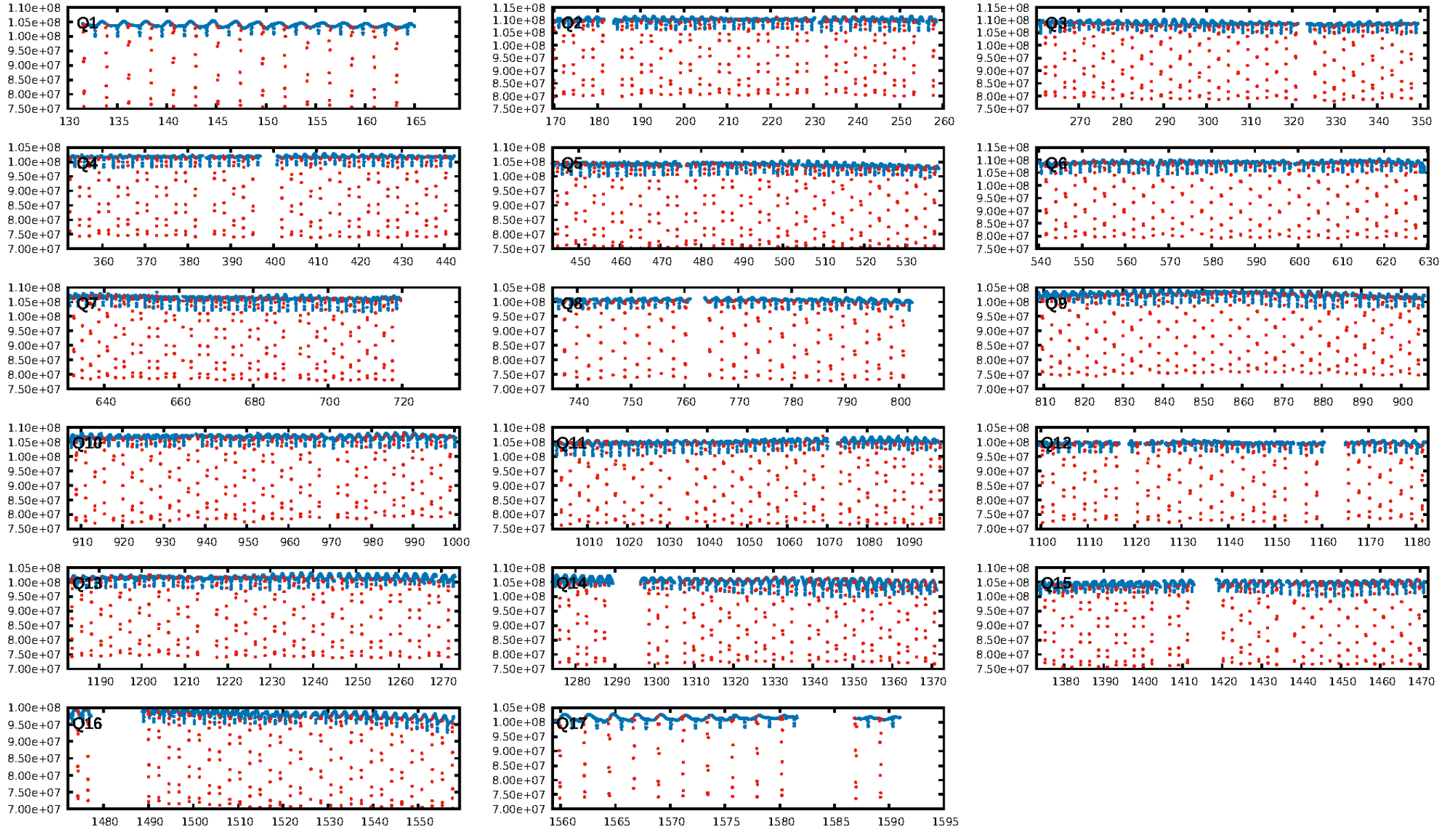
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: 100.0% [14.10σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 1.00 [563/563]
GhostDiagnostic-chr: 1.029
Centroid-sig: N/A
Centroid-so: 0.055 arcsec [159.23σ]
OotOffset-rm: 0.009 arcsec [0.13σ]
KicOffset-rm: 0.050 arcsec [0.75σ]
OotOffset-st: 4/4/4/5 [17]
KicOffset-st: 4/4/4/5 [17]
DiffImageQuality-fgm: 1.00 [17/17]
DiffImageOverlap-fno: 1.00 [17/17]

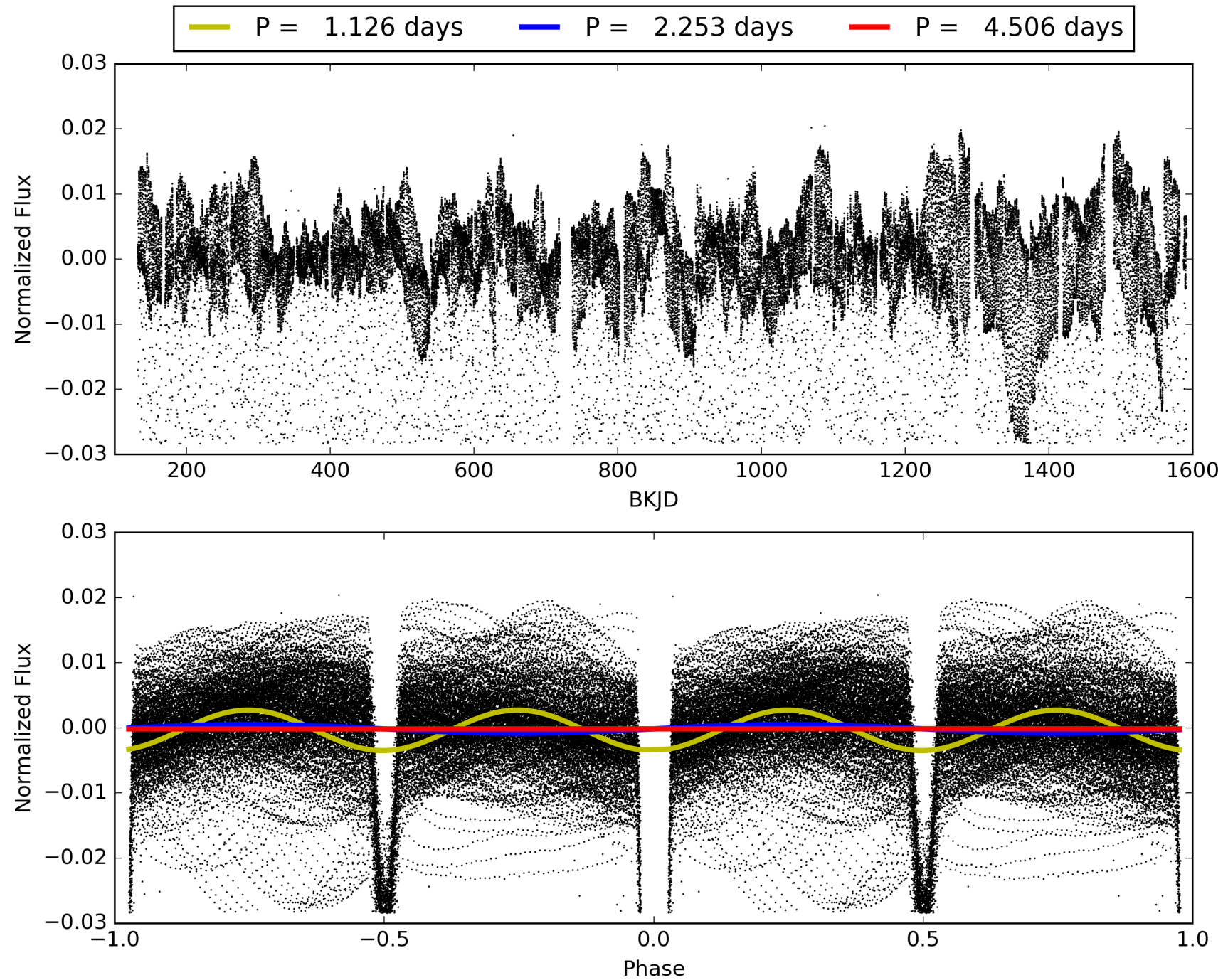
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 30-Jan-2016 07:36:47 Z

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

TCE 011250867-01, PDC Light Curves

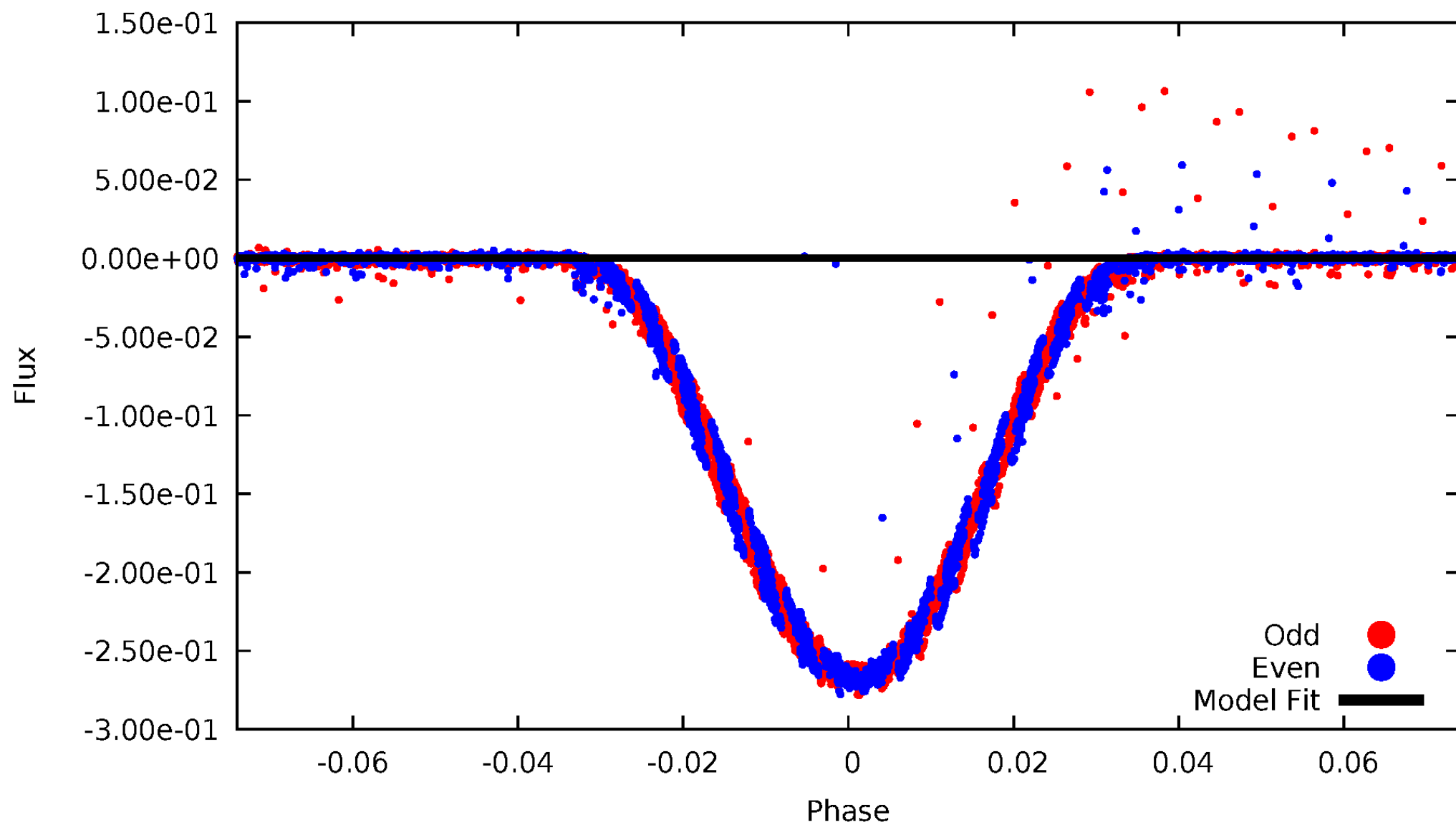


TCE 011250867-01



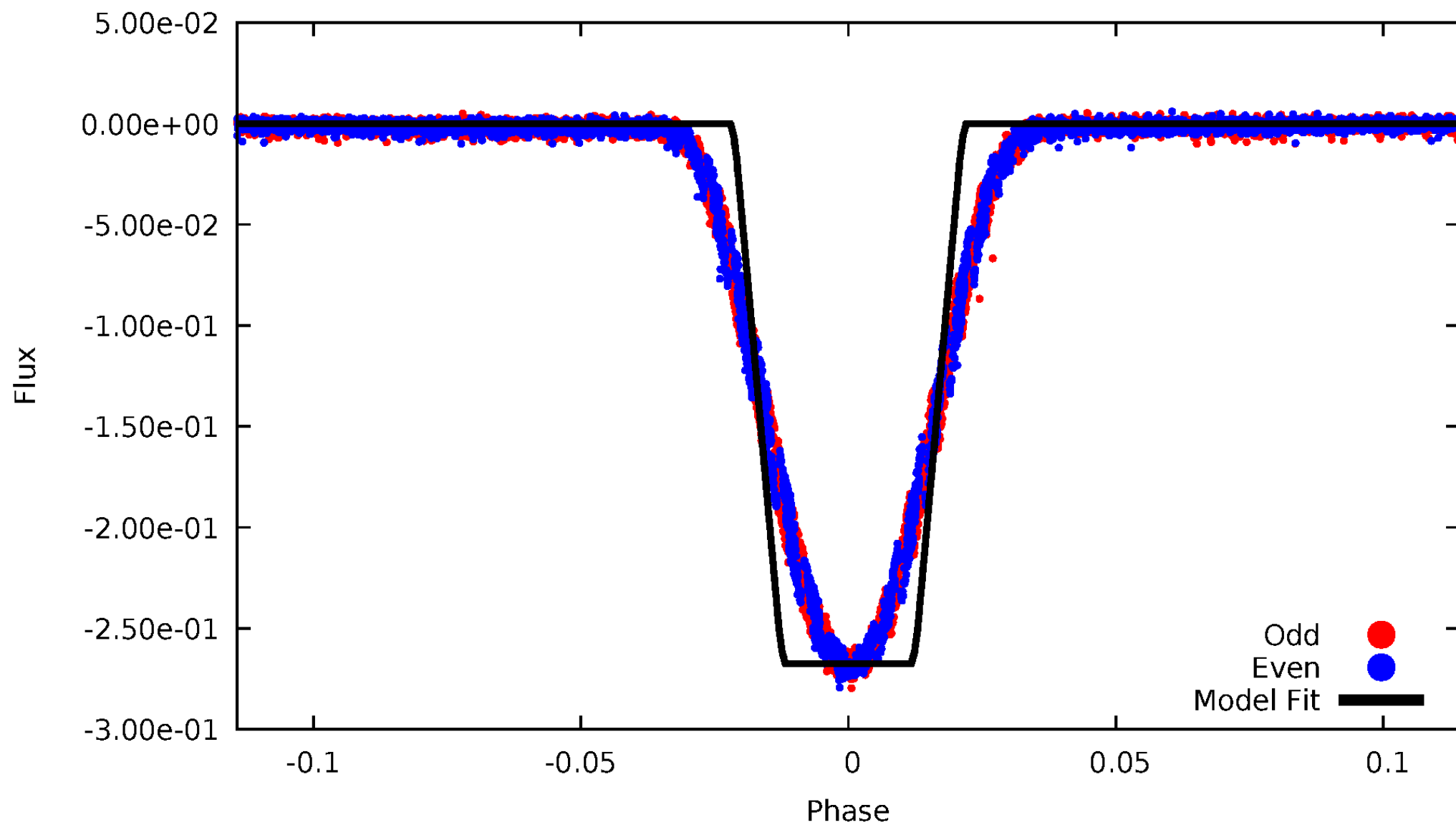
DV Odd/Even

TCE 011250867-01



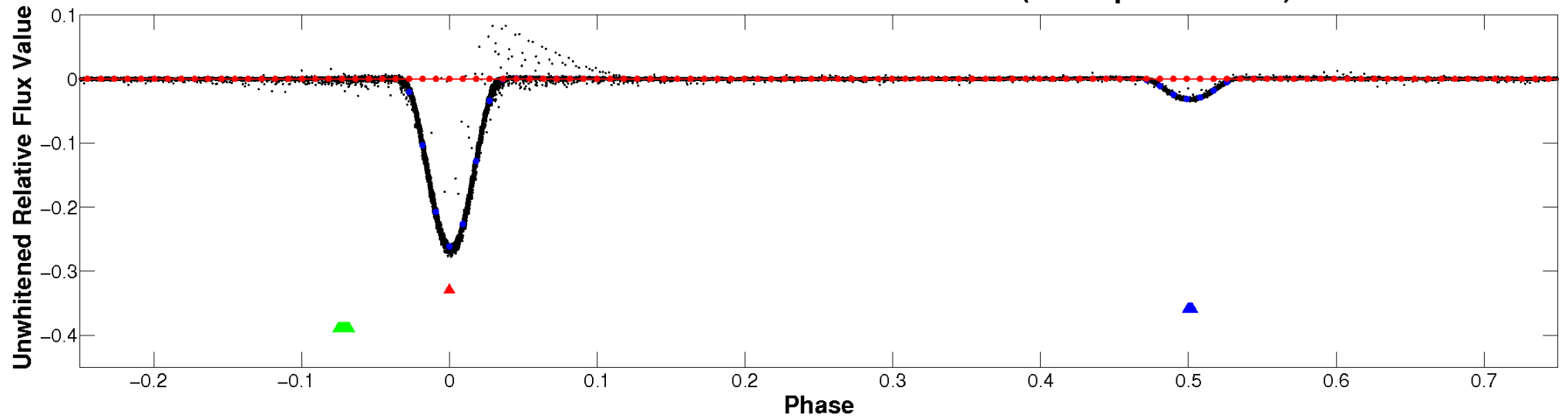
ALT Odd/Even

TCE 011250867-01



Non-Whitened Vs. Whitened Light Curve

Planet 1 : Phased Unwhitened Flux Time Series (TPS Epoch/Period)

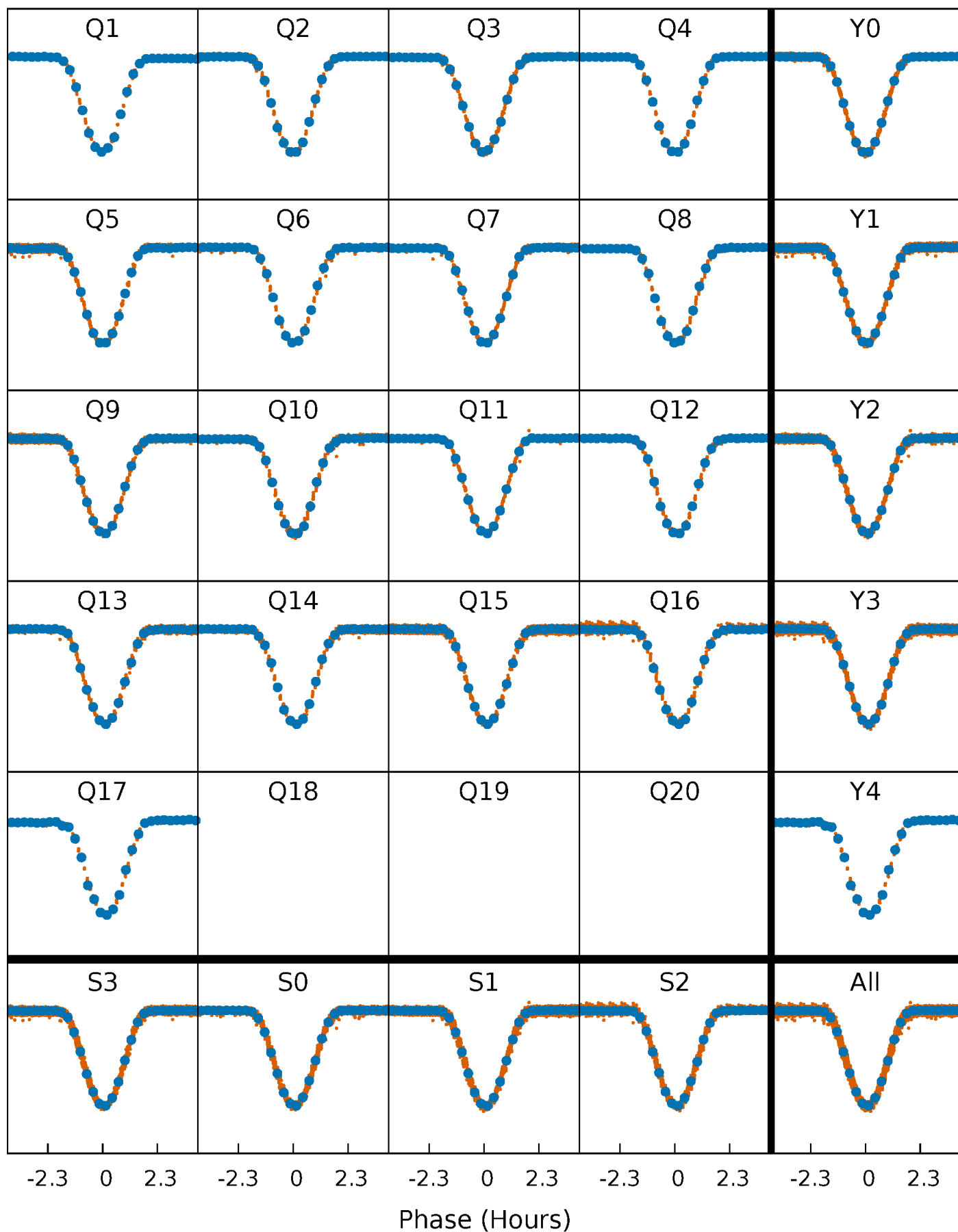


Planet 1 : Phased Whitened Flux Time Series (TPS Epoch/Period)



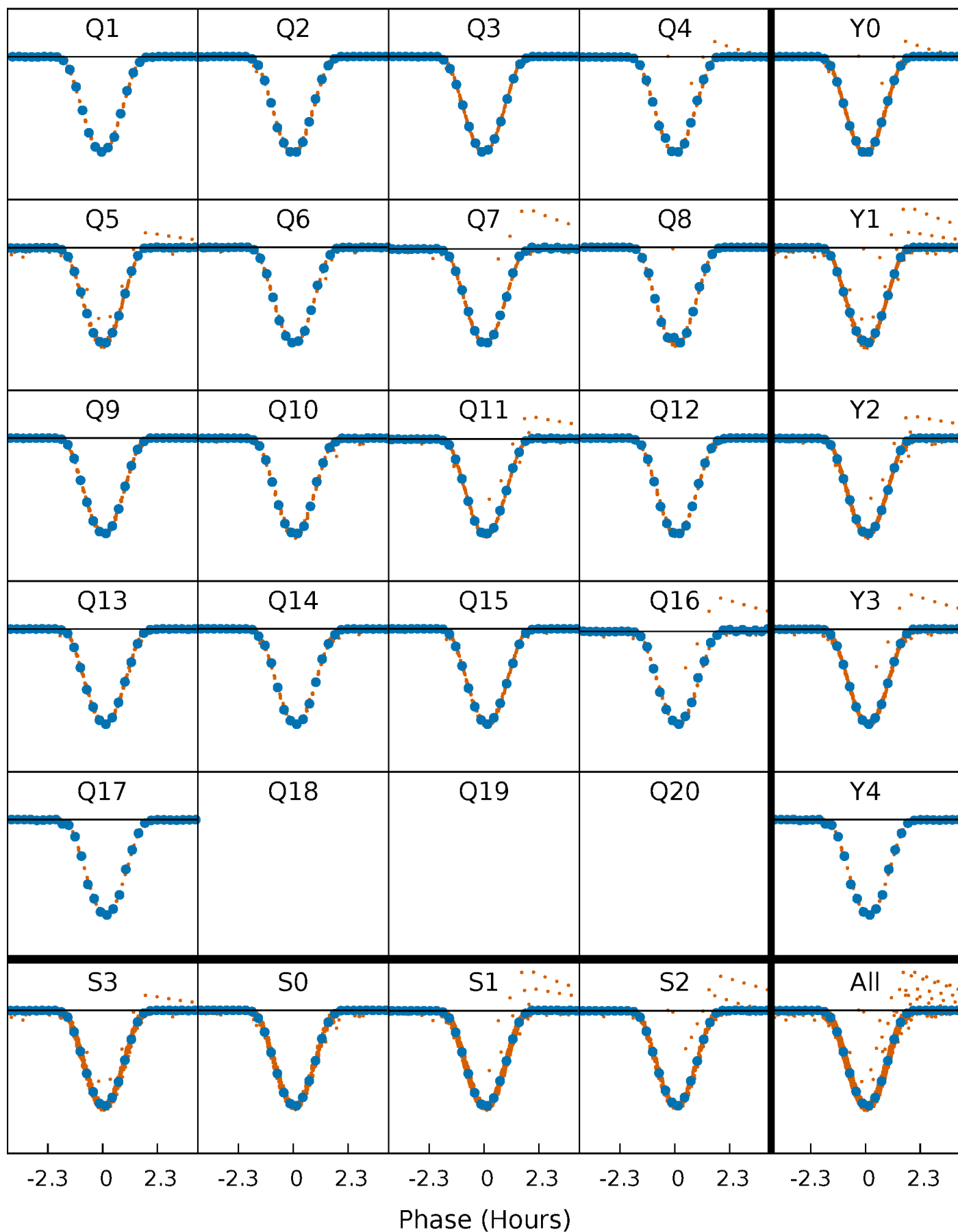
PDC Quarter-Phased Transit Curves

TCE 011250867-01 P= 2.252812 Days $T_0=131.634110$ (BKJD)



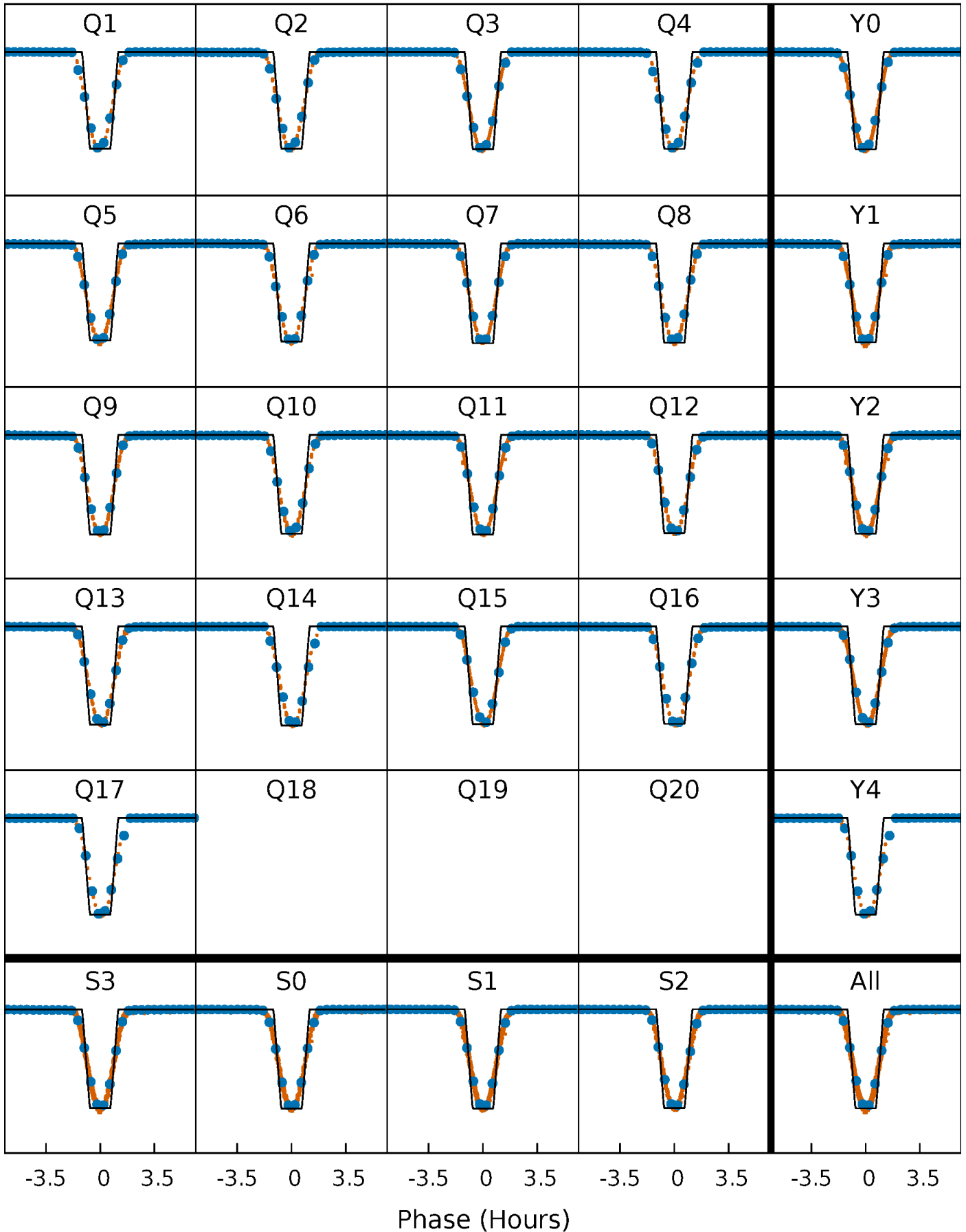
DV Quarter-Phased Transit Curves

TCE 011250867-01 P= 2.252812 Days $T_0=131.634110$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

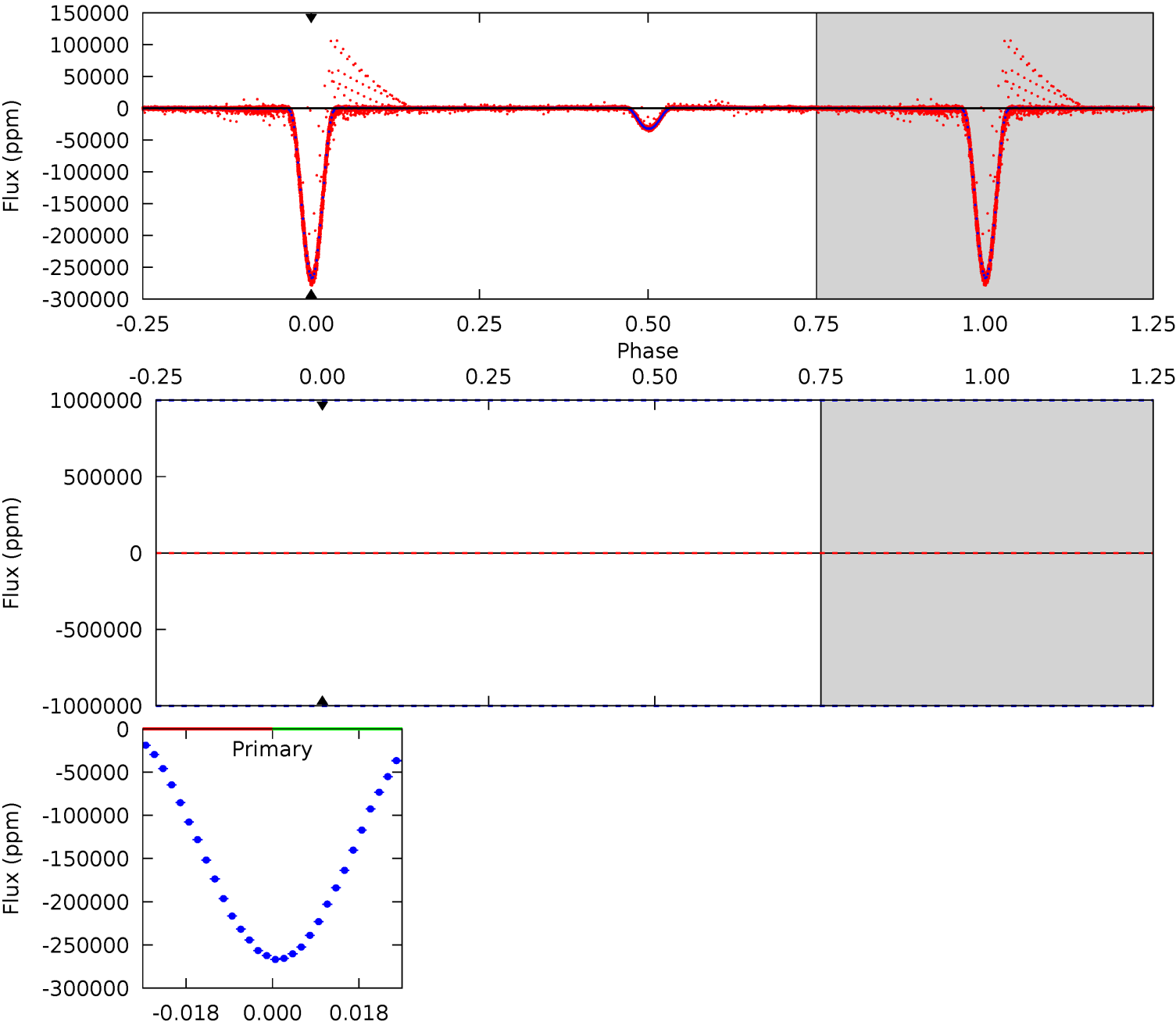
TCE 011250867-01 P= 2.252812 Days $T_0=131.635740$ (BKJD)



DV Model-Shift Uniqueness Test

011250867-01, P = 2.252812 Days, E = 129.381298 Days

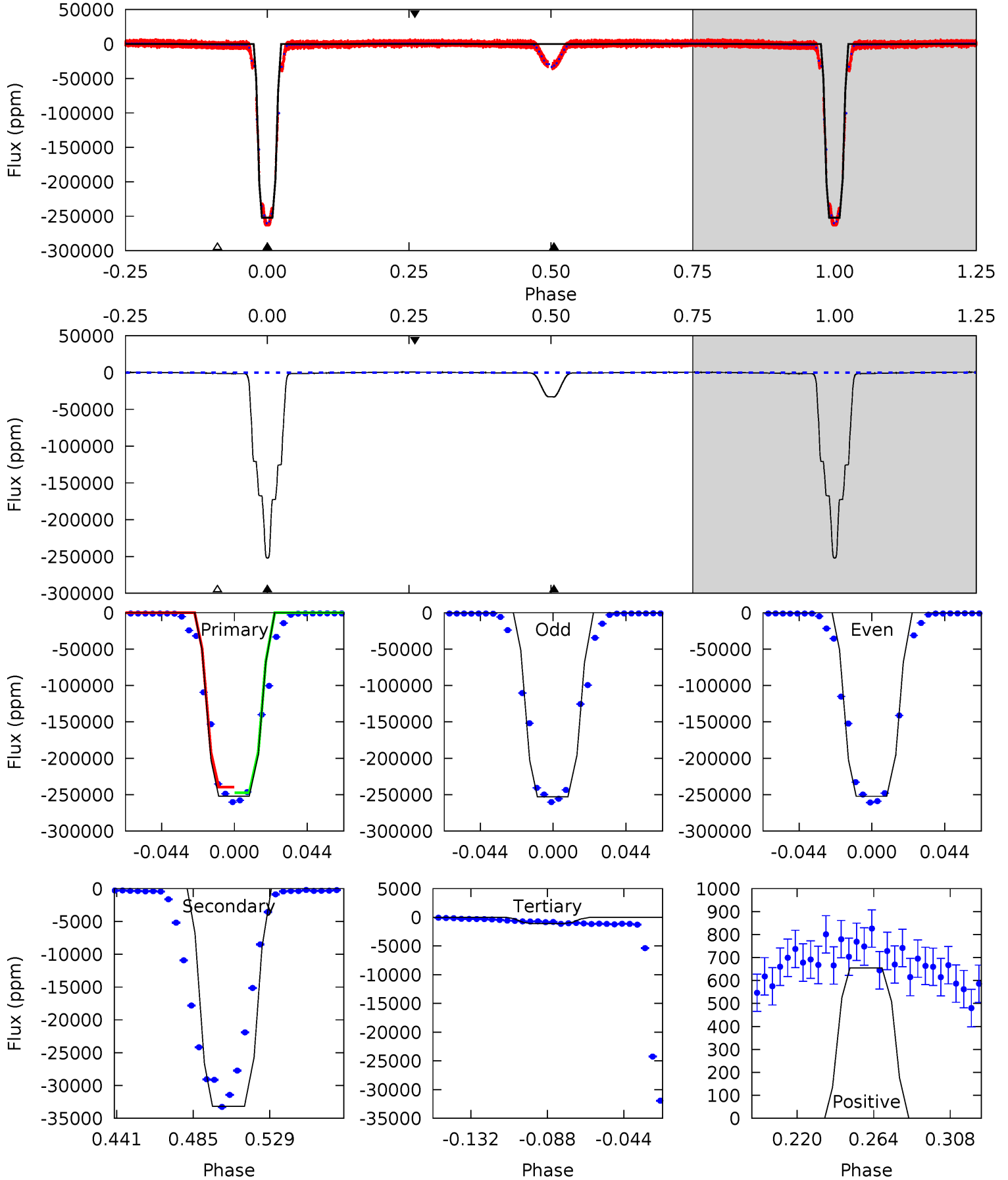
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
0	0	0	0	1.00	1.00	1.00	0	0	0	0	0	0	0	0



Alt Model-Shift Uniqueness Test

011250867-01, P = 2.252812 Days, E = 129.382928 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
4230	556.4	18.2	11.0	4.73	2.01	9.49	4212	4219	538.2	545.4	5.08	1.00	0.00	0



Stellar Parameters For KIC 011250867

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	$R (R_{\odot})$	$M(M_{\odot})$	$p_{\star} (\text{g}\cdot\text{cm}^{-3})$
	6116^{+164}_{-182}	$4.431^{+0.105}_{-0.180}$	$-0.560^{+0.300}_{-0.300}$	$0.951^{+0.248}_{-0.134}$	$0.888^{+0.109}_{-0.079}$	$1.456^{+0.734}_{-0.700}$
	+3%/-3%	+2%/-4%	+54%/-54%	+26%/-14%	+12%/-9%	+50%/-48%
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 011250867-01 / KOI 7428.01

Detrend	Depth (ppm)	$R_p (R_{\oplus})$	$T_{max} (K)$	$T_{obs} (K)$	A_{obs}
DV	0 ± 1000000	$35.21^{+11.73}_{-12.10}$	2059^{+131}_{-109}	-3321^{+9600}_{-2690}	$-1.799^{+63.878}_{-44.452}$
Alt.	-33168 ± 60	$54.45^{+13.47}_{-11.16}$	2059^{+138}_{-114}	3936^{+354}_{-244}	$6.646^{+3.959}_{-2.345}$

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 $A_{obs} \gg 1.0$

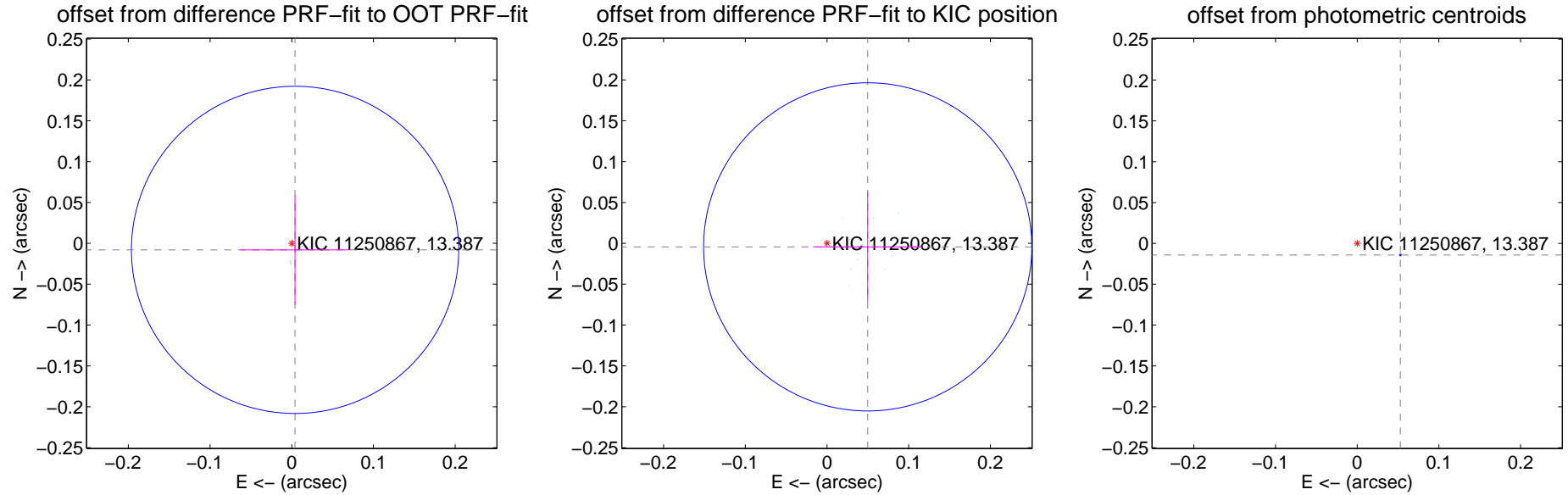
DV Centroid Data

Supplemental centroid analysis for 011250867-01. Kepler magnitude: 13.39. Transit SNR -1.00

There are 17 quarters with good PRF difference image offsets

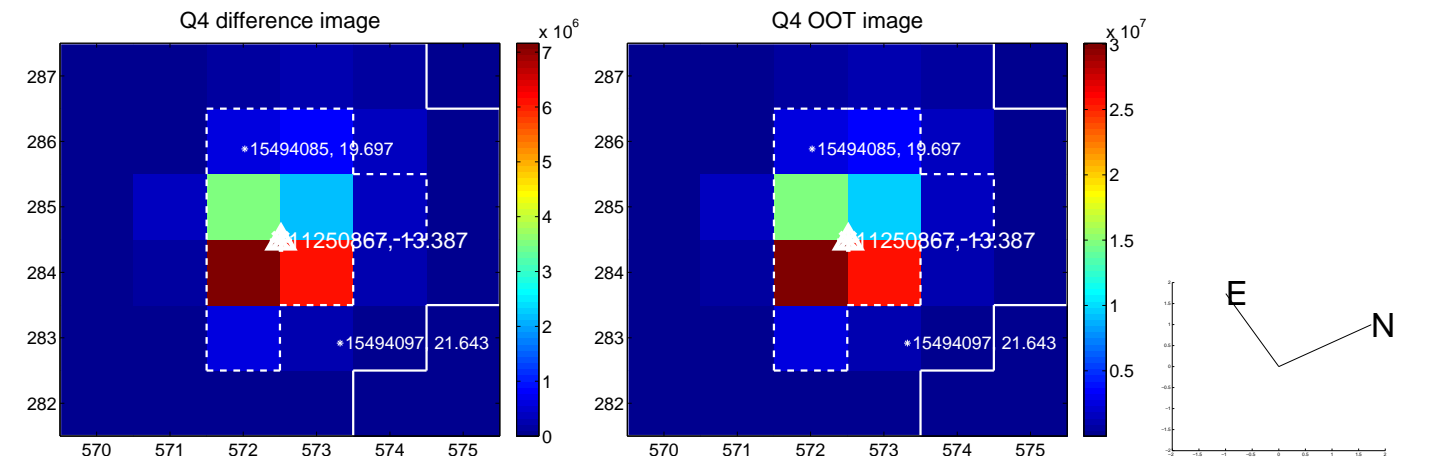
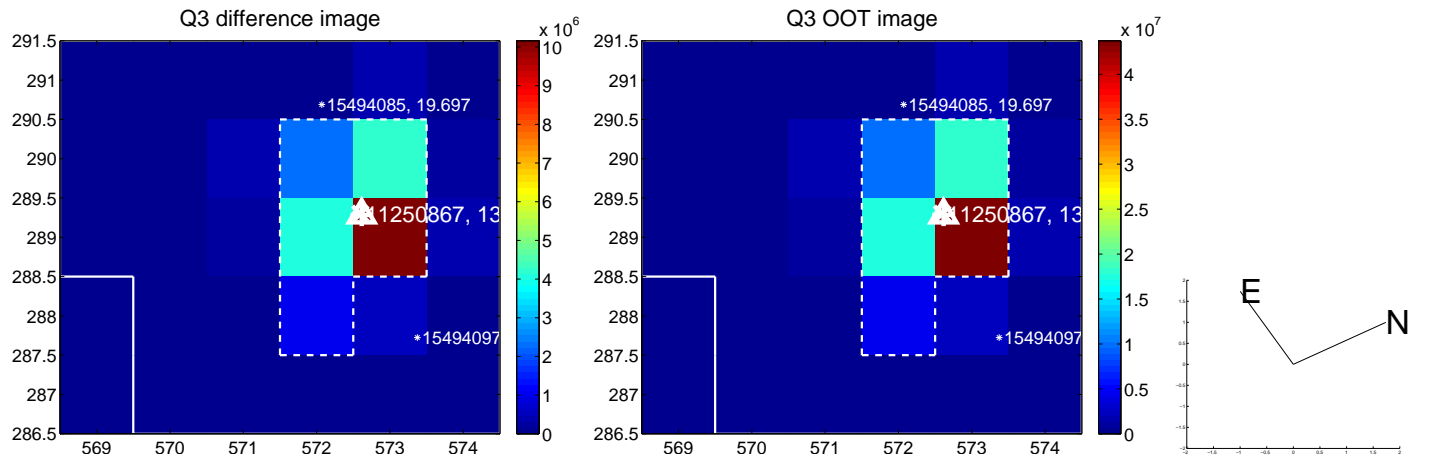
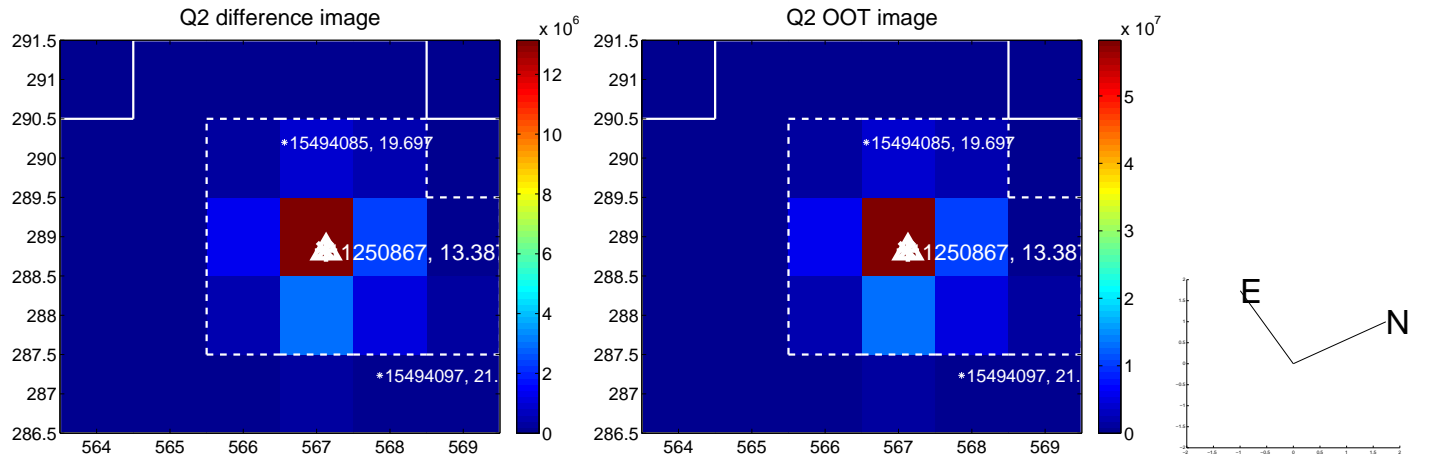
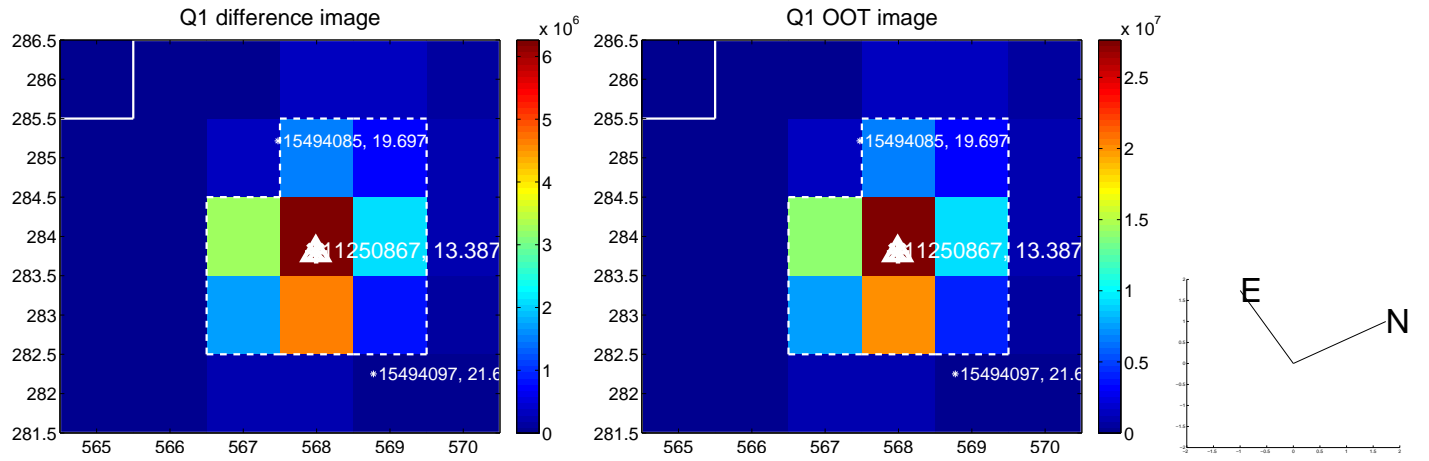
The direct PRF centroid is offset from the target star catalog position by about 0.04 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	0.009 ± 0.067	0.13	-0.004 ± 0.067	-0.008 ± 0.067
PRF-fit source offset from KIC position	0.050 ± 0.067	0.75	-0.050 ± 0.067	-0.004 ± 0.067
photometric centroid source offset	0.05 ± 0.00	159.23	-0.05 ± 0.00	-0.01 ± 0.00

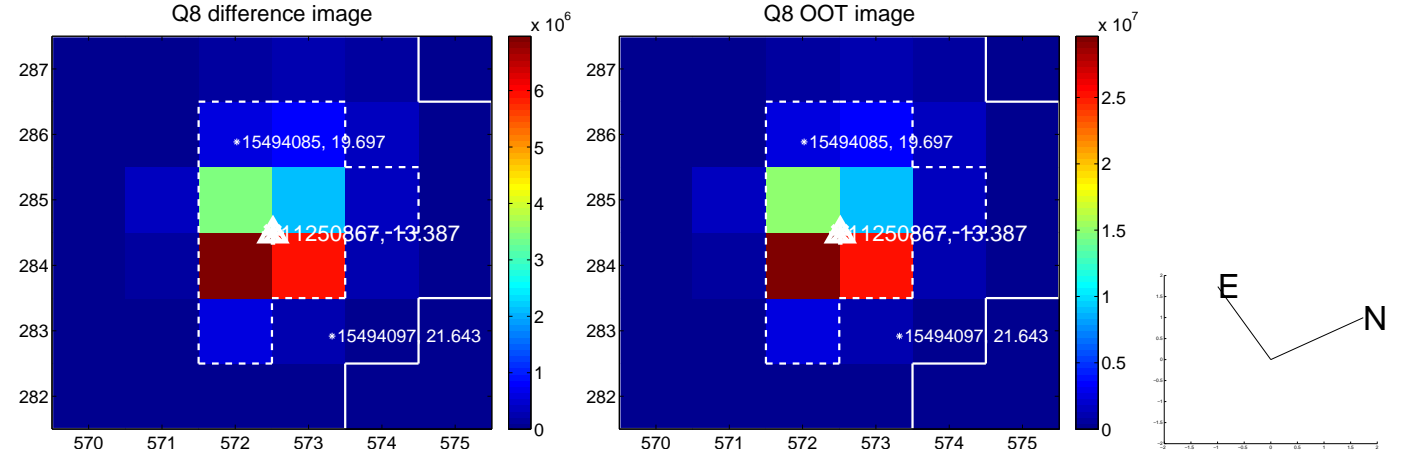
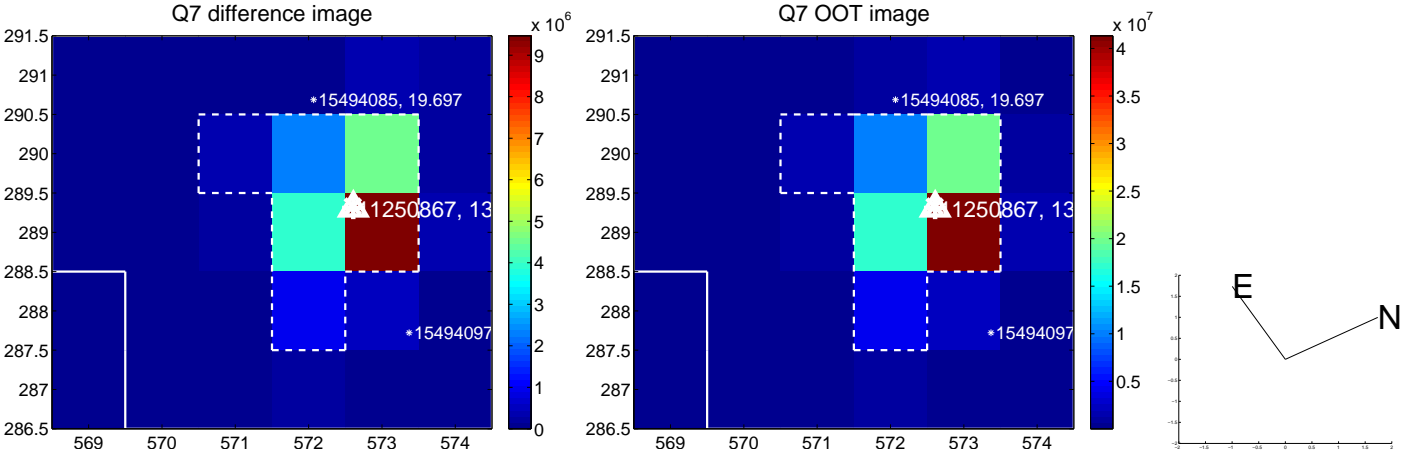
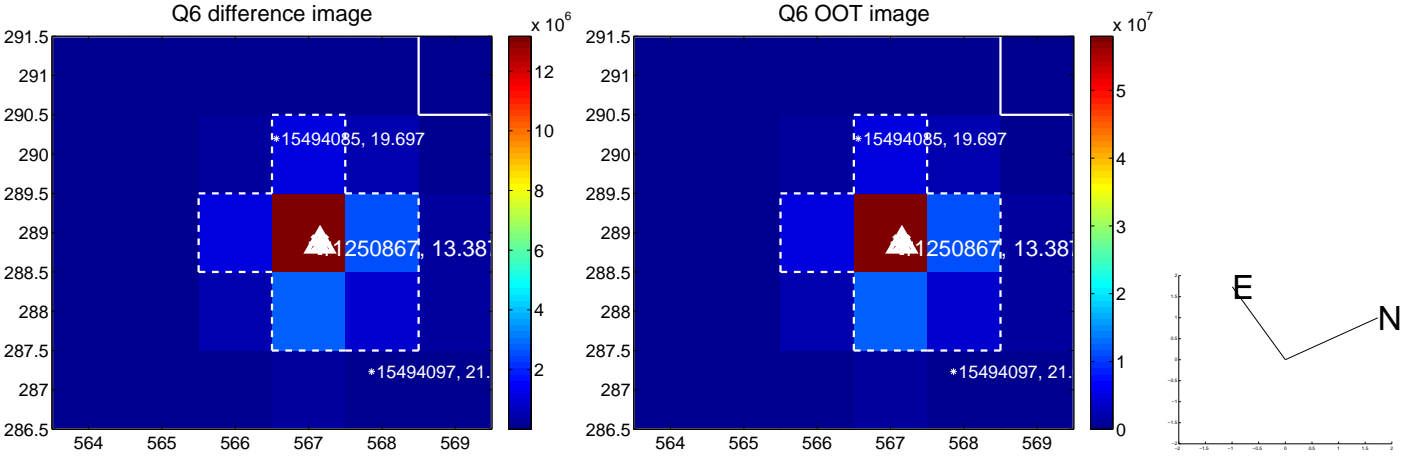
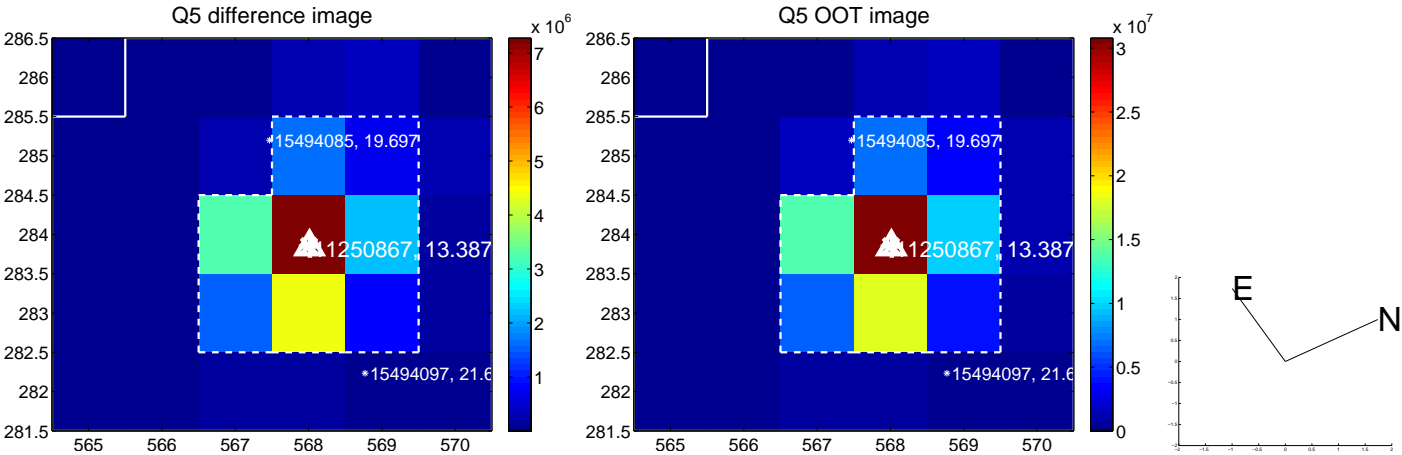


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets**; **Vermillion crosses: bad quarterly centroid offsets**; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three-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

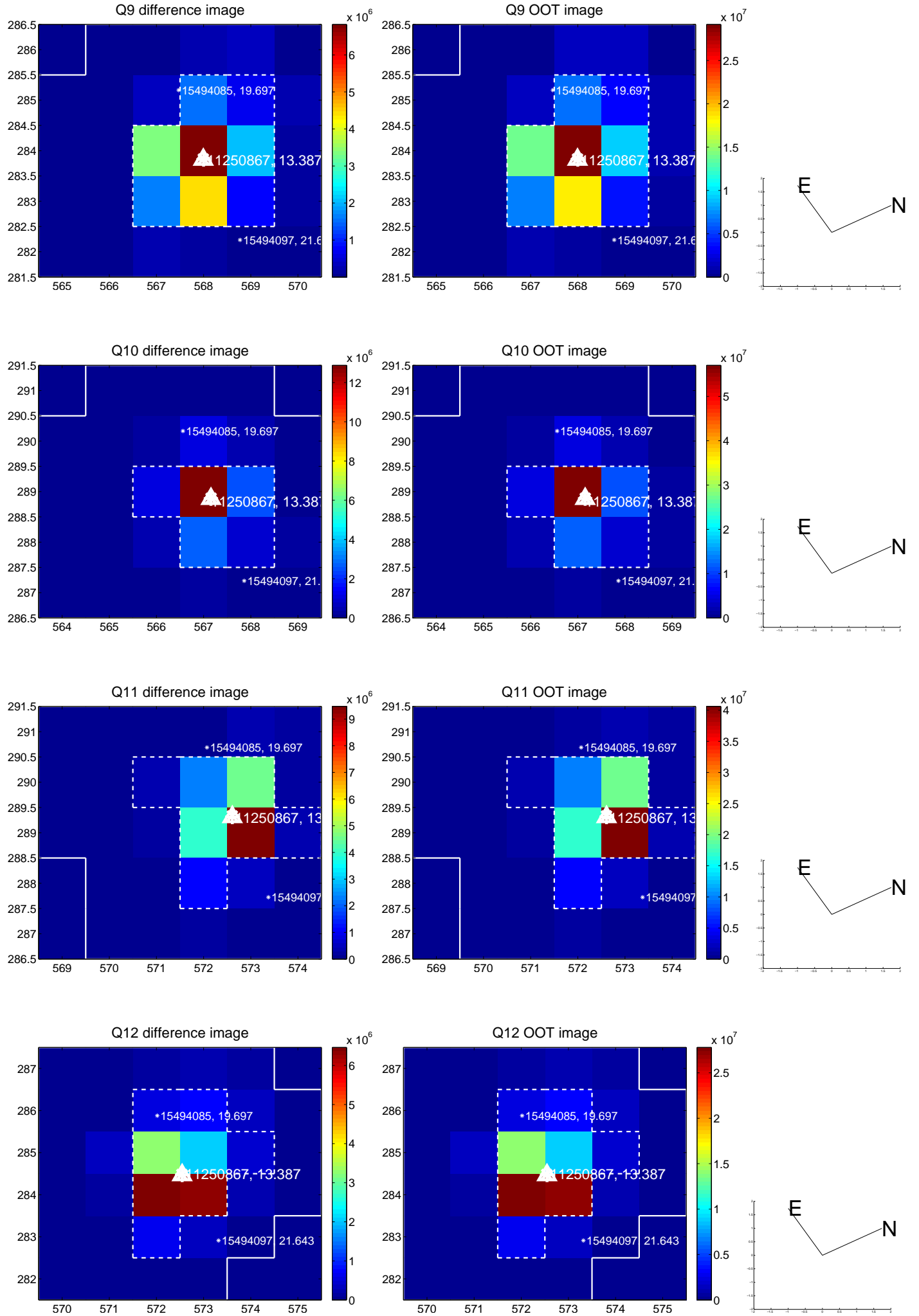
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



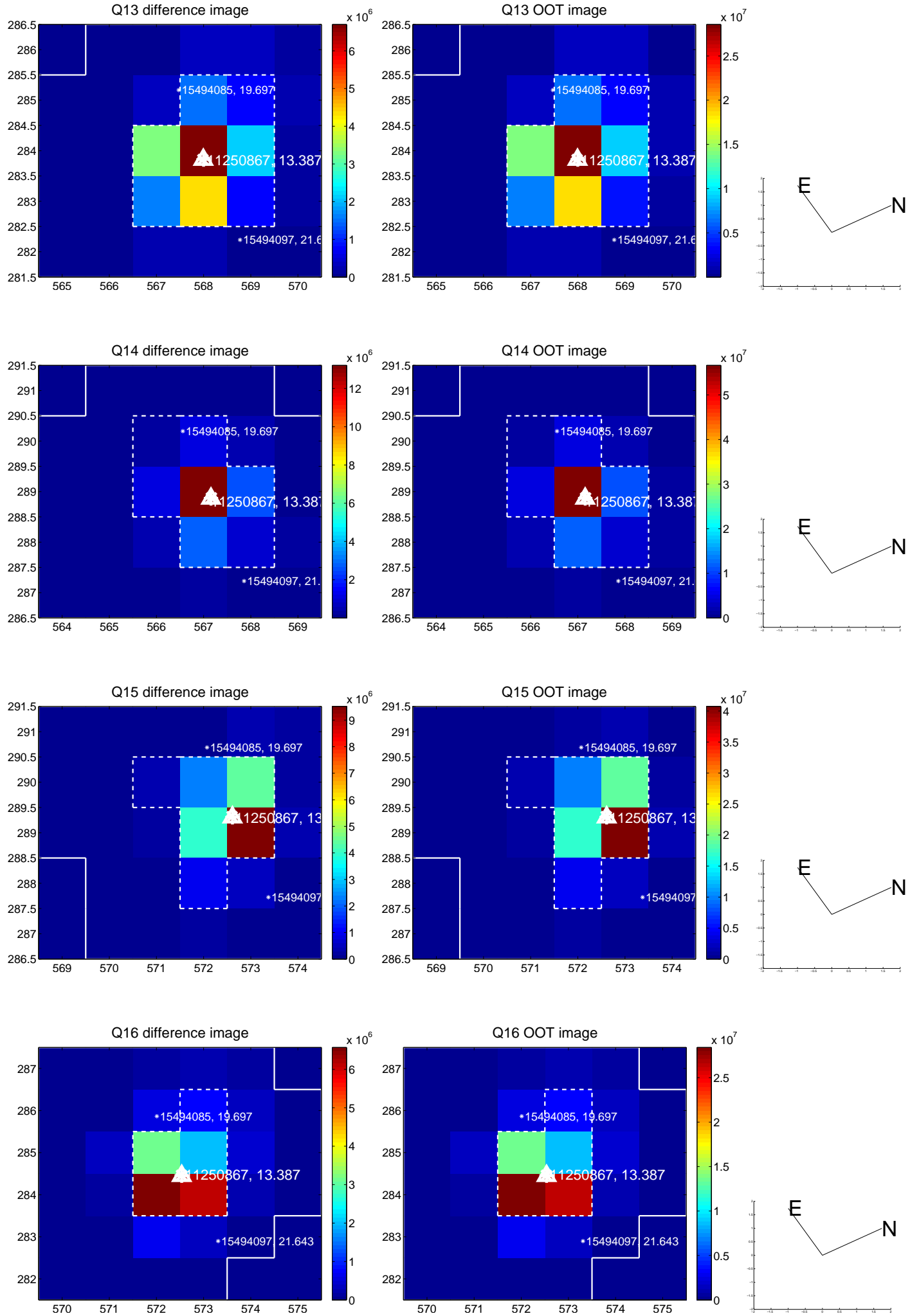
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



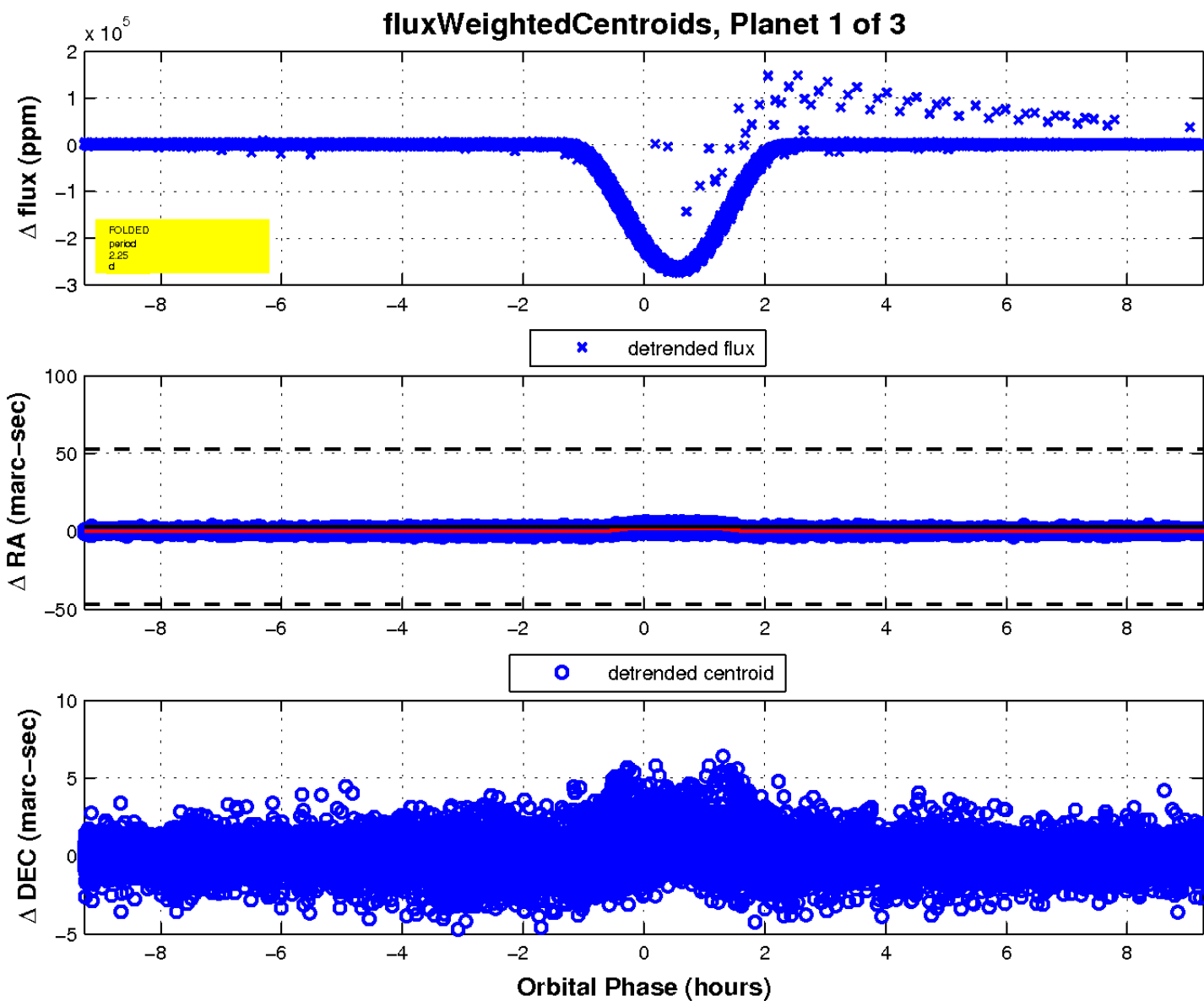
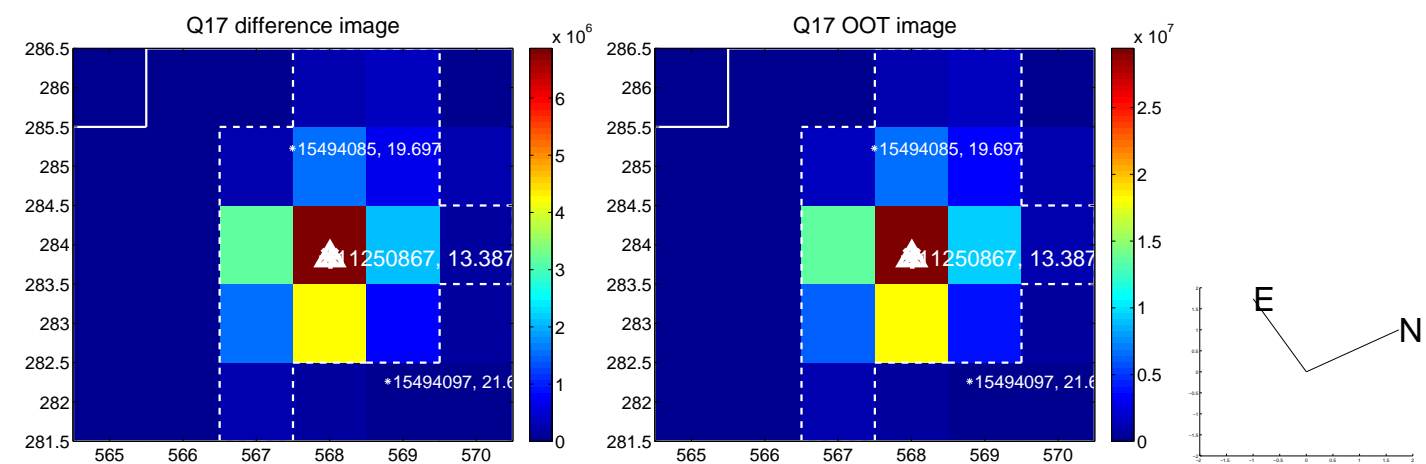
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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

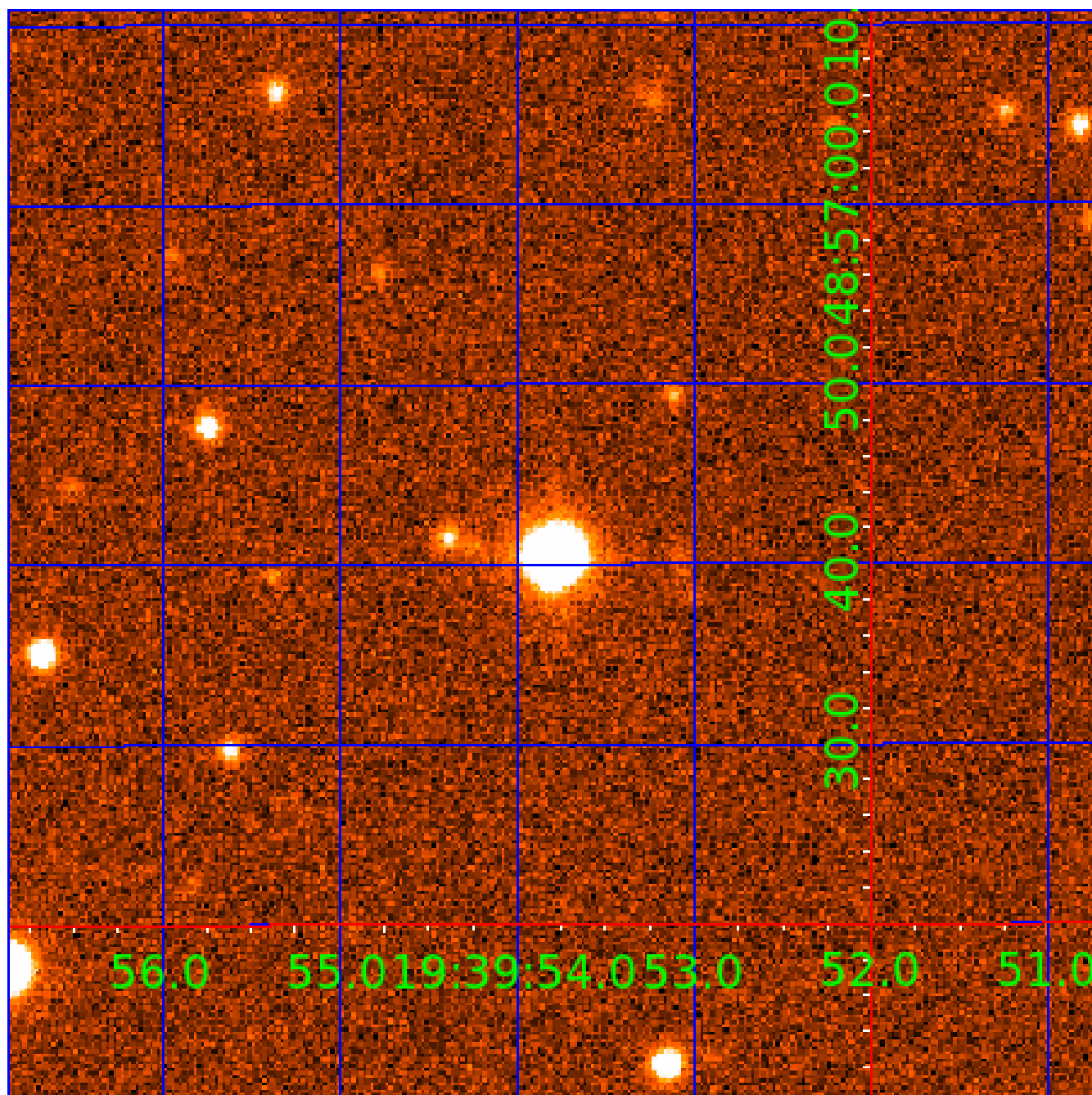


white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



UKIRT Image

Declination



KIC 011250867

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})
011250867-01	OBS	7428.01	2.252812	131.634110	264956.9	2.000	20417.7	-1.0	0.95	6116	34.10	1082.89
011250867-02	OBS	No	4.505645	135.012542	33089.5	3.271	4369.6	1830.7	0.95	6116	29.89	429.74
011250867-03	OBS	No	4.505675	133.717818	17594.5	10.500	4410.5	-1.0	0.95	6116	12.66	429.74

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011250867-01	OBS	FP	0.00	0	1	0	0	MOD_SEC_ALT—HAS_SEC_TCE—CENT_NOFITS
011250867-02	OBS	FP	0.00	1	1	0	0	IS_SEC_TCE
011250867-03	OBS	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE_ZUMA—LPP_DV—LPP_ALT—RESIDUAL_TCE—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.

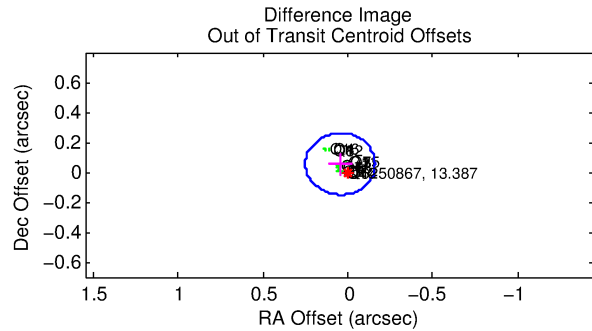
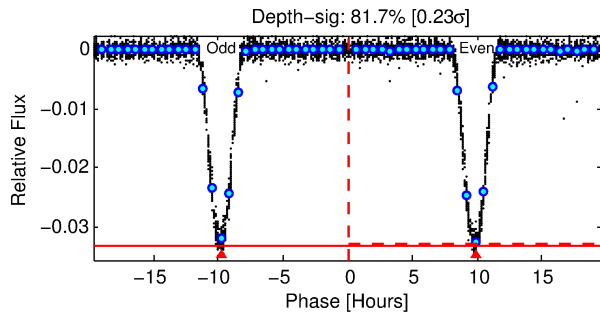
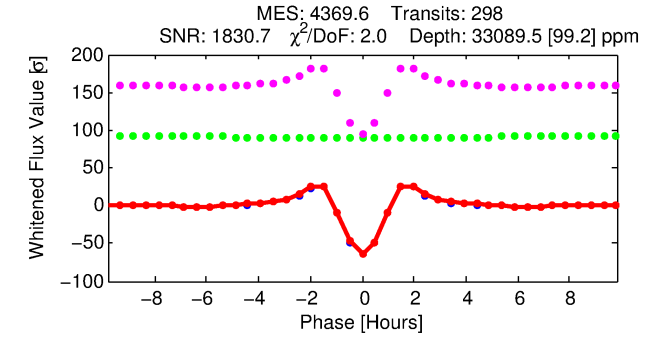
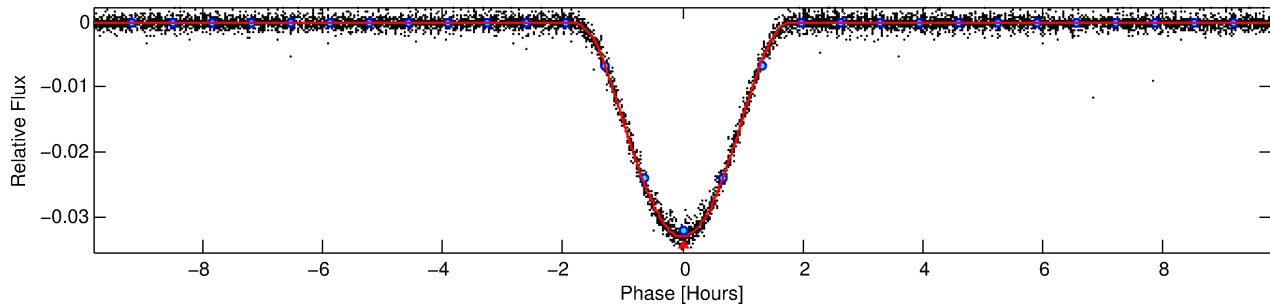
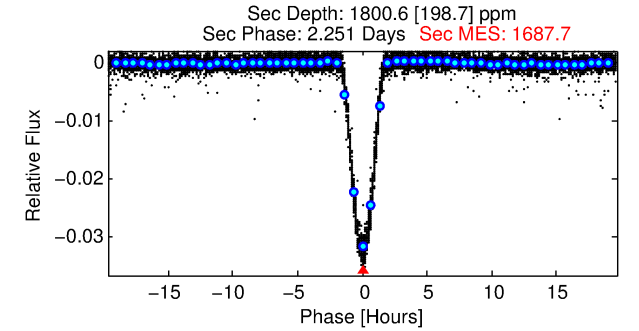
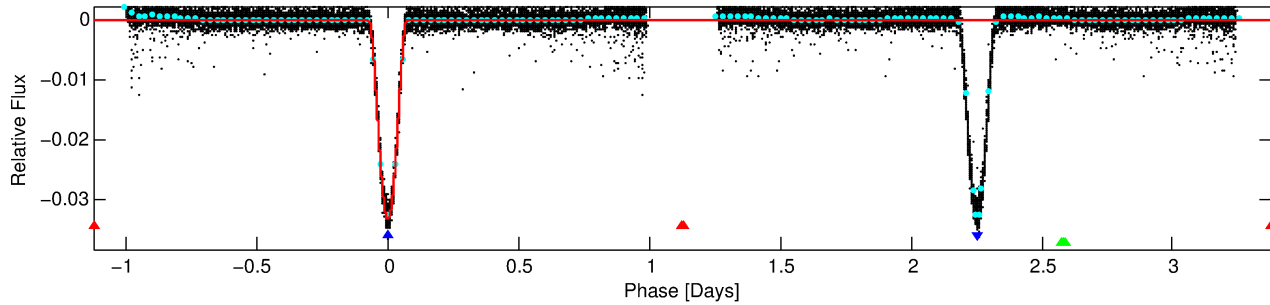
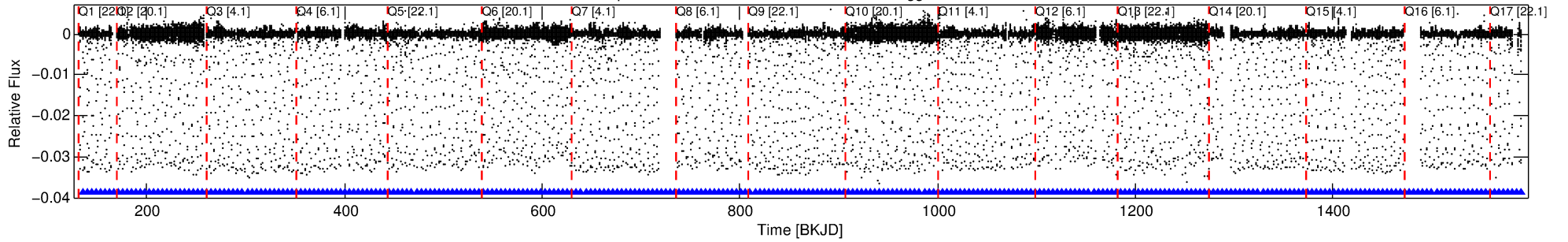
Ephemeris Match Information For 011250867-02

No Significant Match Found

DV One-Page Summary

KIC: 11250867 Candidate: 2 of 3 Period: 4.506 d
KOI: K07428 Corr: No Ephemeris Match

Kp: 13.39 R*: 0.95 Rs Teff: 6116.0 K Logg: 4.43 Fe/H: -0.560



DV Fit Results:

Period = 4.50565 [0.00000] d
Epoch = 135.0125 [0.0000] BKJD
Rp/R* = 0.2880 [0.0108]
a/R* = 8.62 [0.02]
b = 1.00 [0.02]
Seff = 429.74 [149.33]
Teq = 1161 [101] K
Rp = 29.89 [7.88] Re
a = 0.0514 [0.0114] AU
Ag = 2.92 [1.03] [1.87σ]
Teffp = 2347 [105] K [8.15σ]

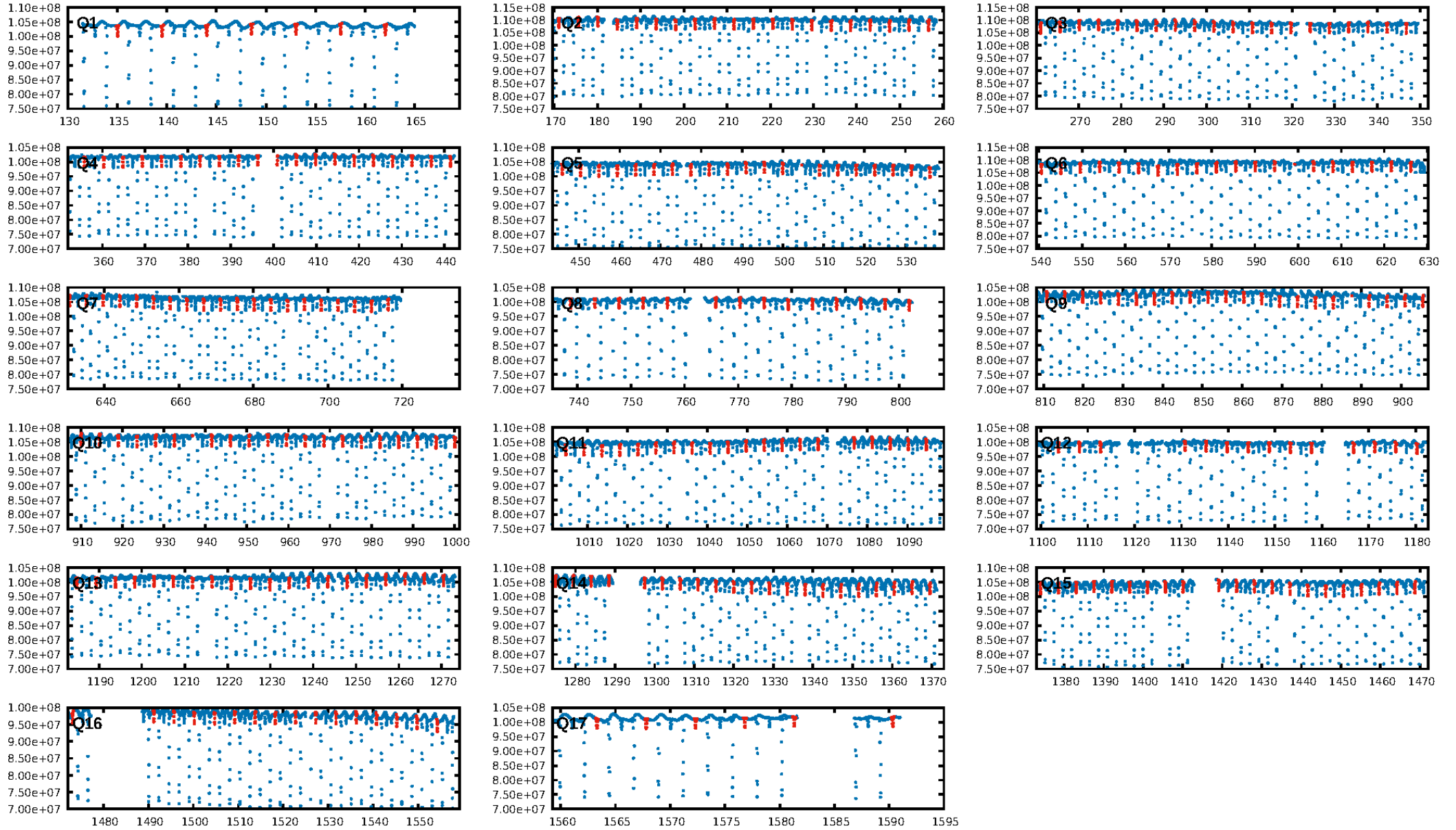
DV Diagnostic Results:

ShortPeriod-sig: 100.0% [14.10σ]
LongPeriod-sig: 0.0% [0.00σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 1.00 [285/285]
GhostDiagnostic-chr: 1.862
Centroid-sig: N/A
Centroid-so: 0.034 arcsec [16.66σ]
OotOffset-rm: 0.071 arcsec [1.04σ]
OotOffset-st: 4/4/4/5 [17]
KicOffset-rm: 0.065 arcsec [0.95σ]
KicOffset-st: 4/4/4/5 [17]
DiffImageQuality-fgm: 1.00 [17/17]
DiffImageOverlap-fno: 1.00 [17/17]

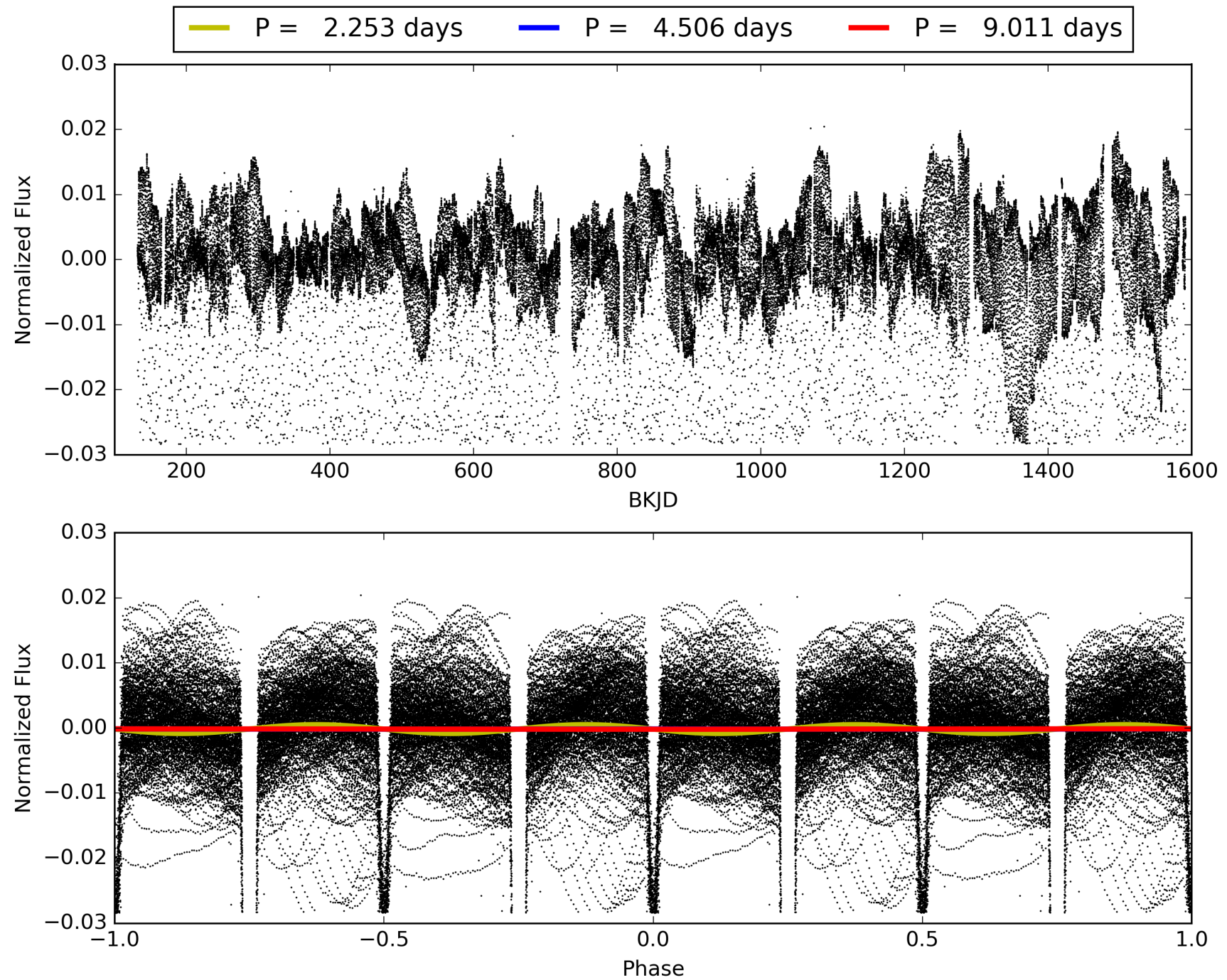
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 30-Jan-2016 07:36:54 Z

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TCE 011250867-02, PDC Light Curves

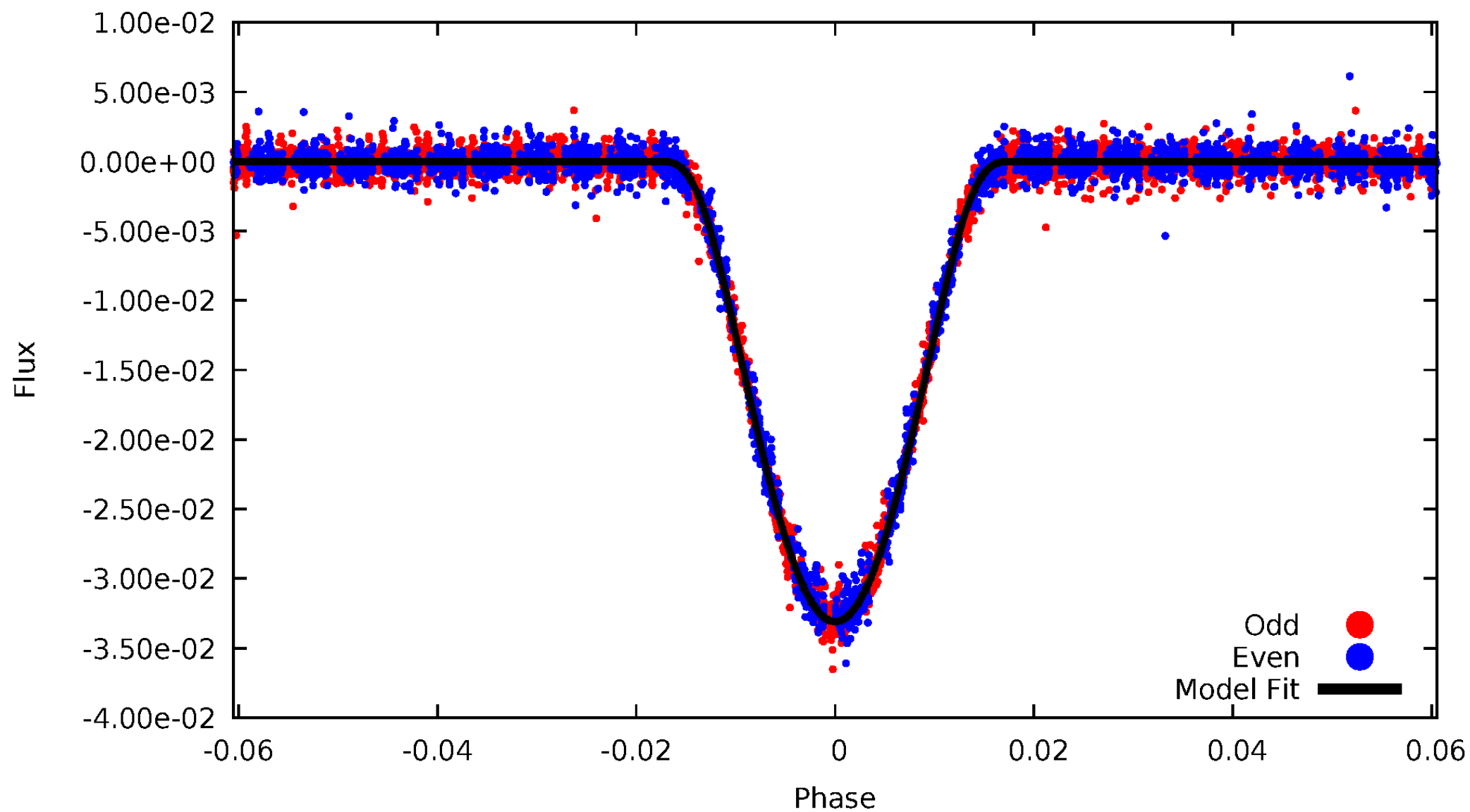


TCE 011250867-02



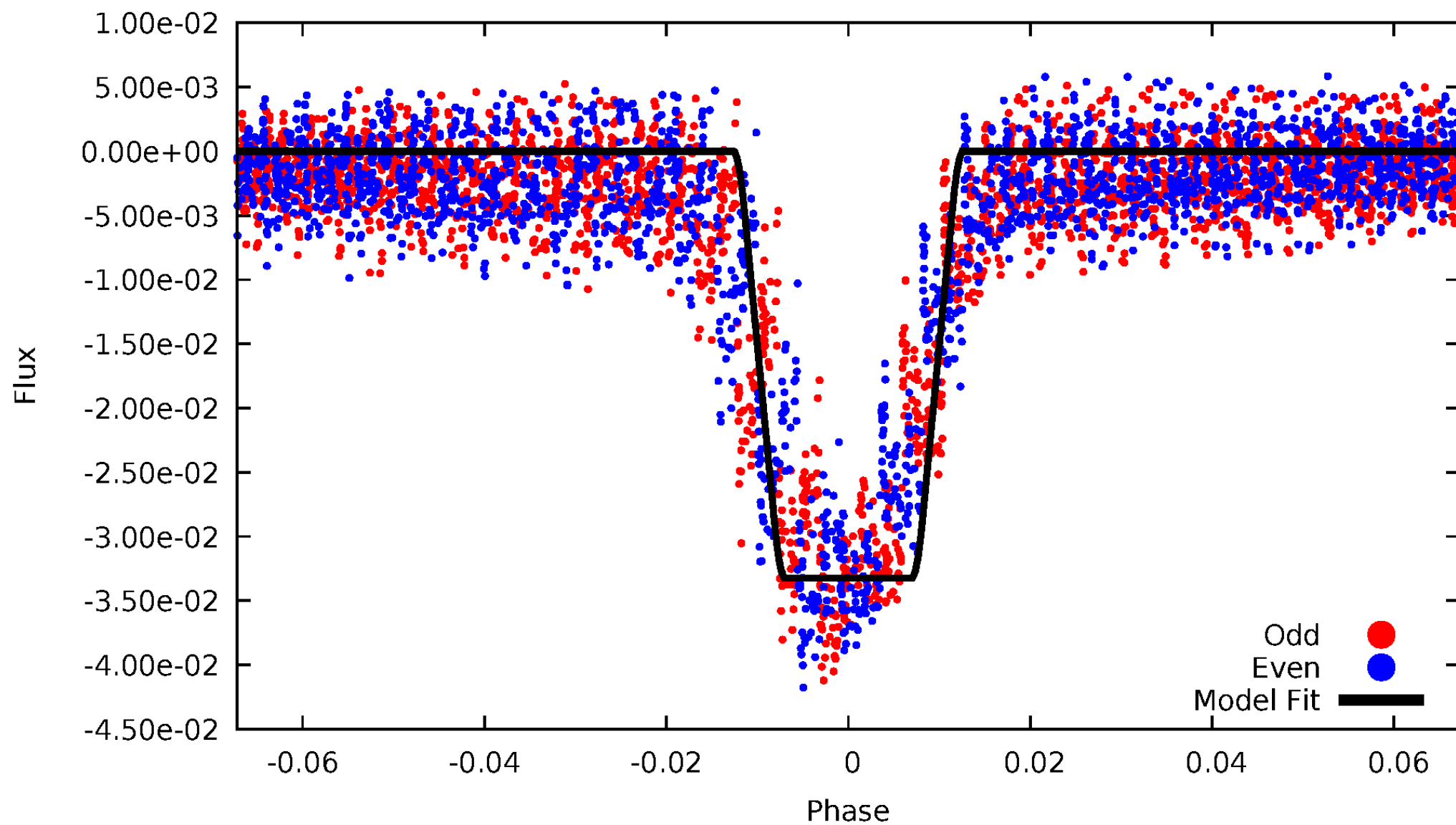
DV Odd/Even

TCE 011250867-02



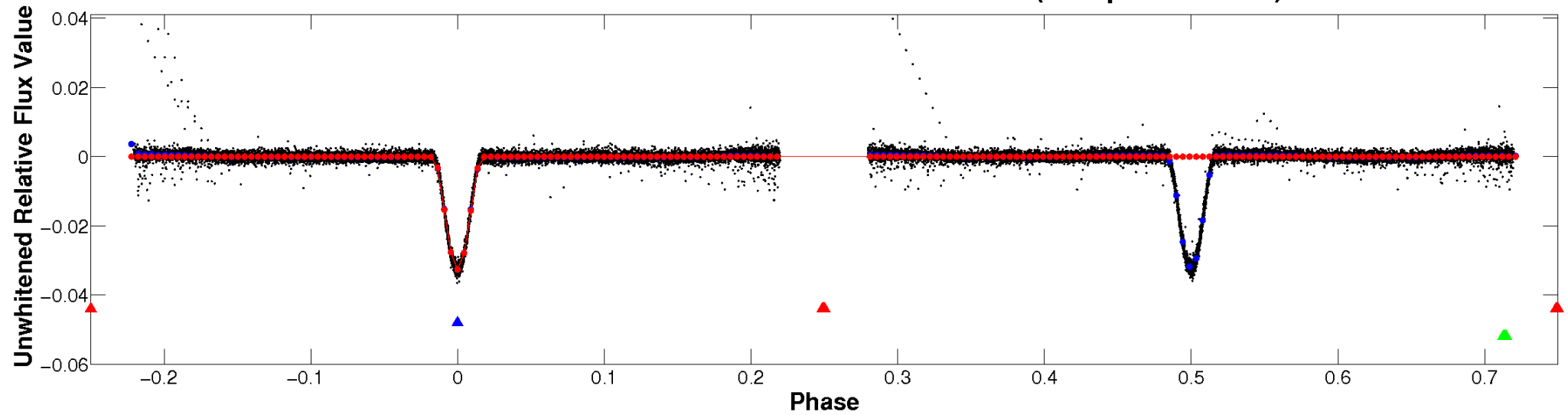
ALT Odd/Even

TCE 011250867-02

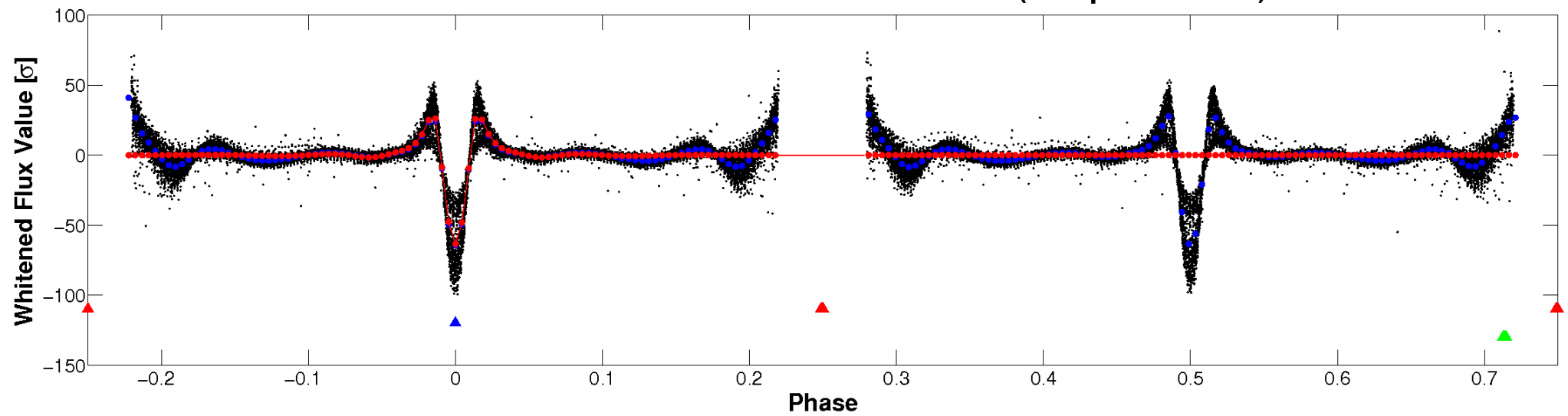


Non-Whitened Vs. Whitened Light Curve

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

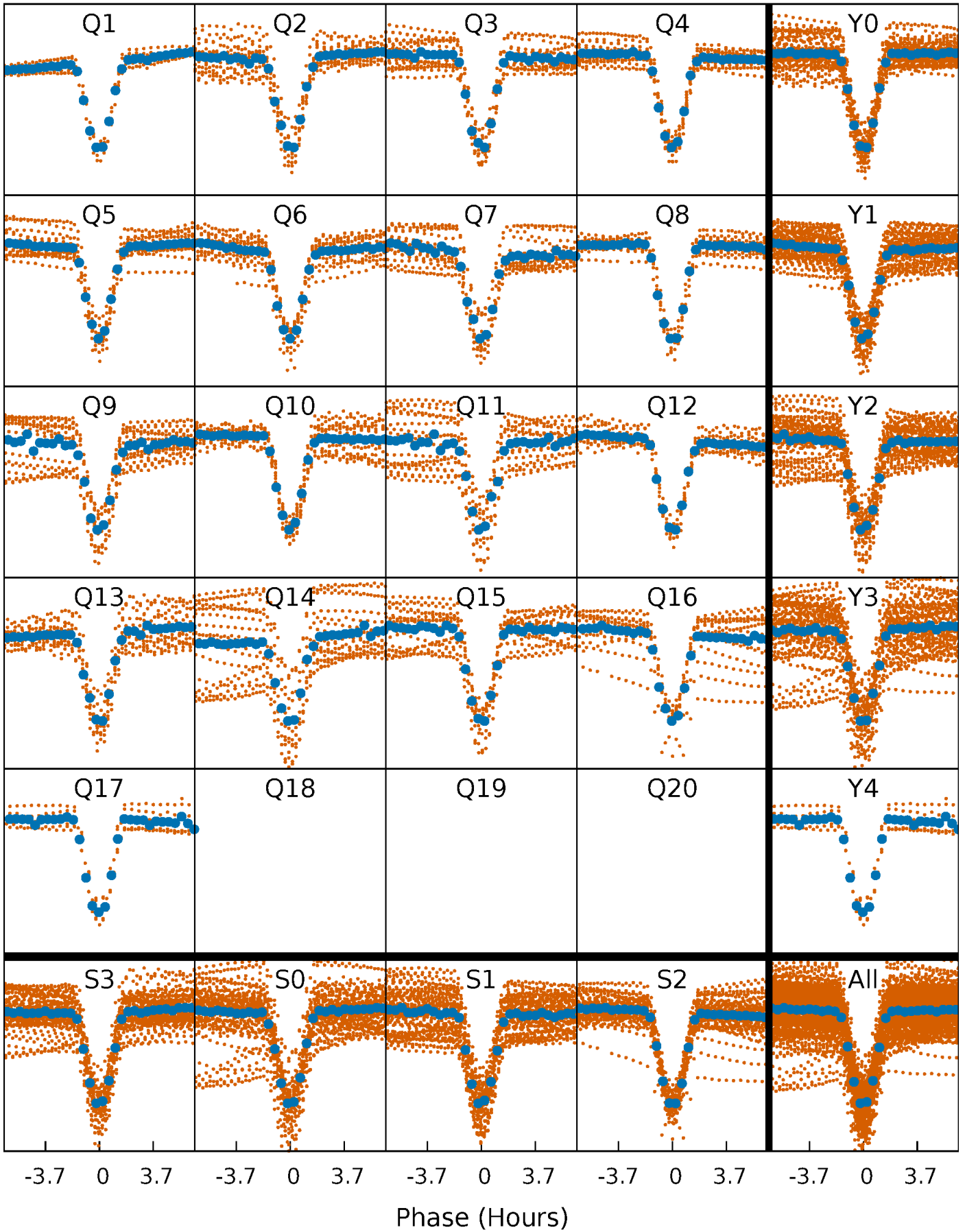


Planet 2 : Phased Whitened Flux Time Series (Fit Epoch/Period)



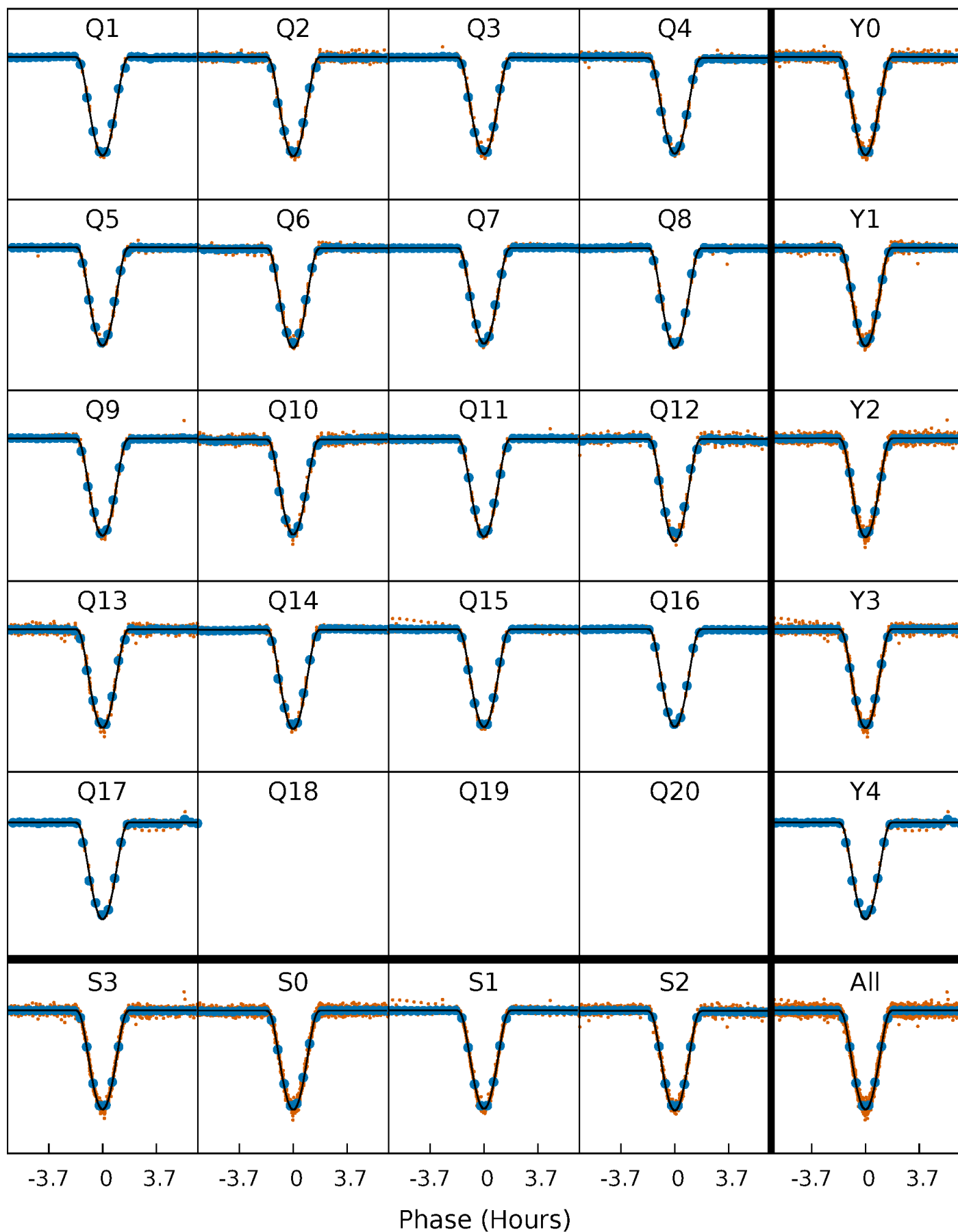
PDC Quarter-Phased Transit Curves

TCE 011250867-02 P= 4.505645 Days $T_0=135.012542$ (BKJD)



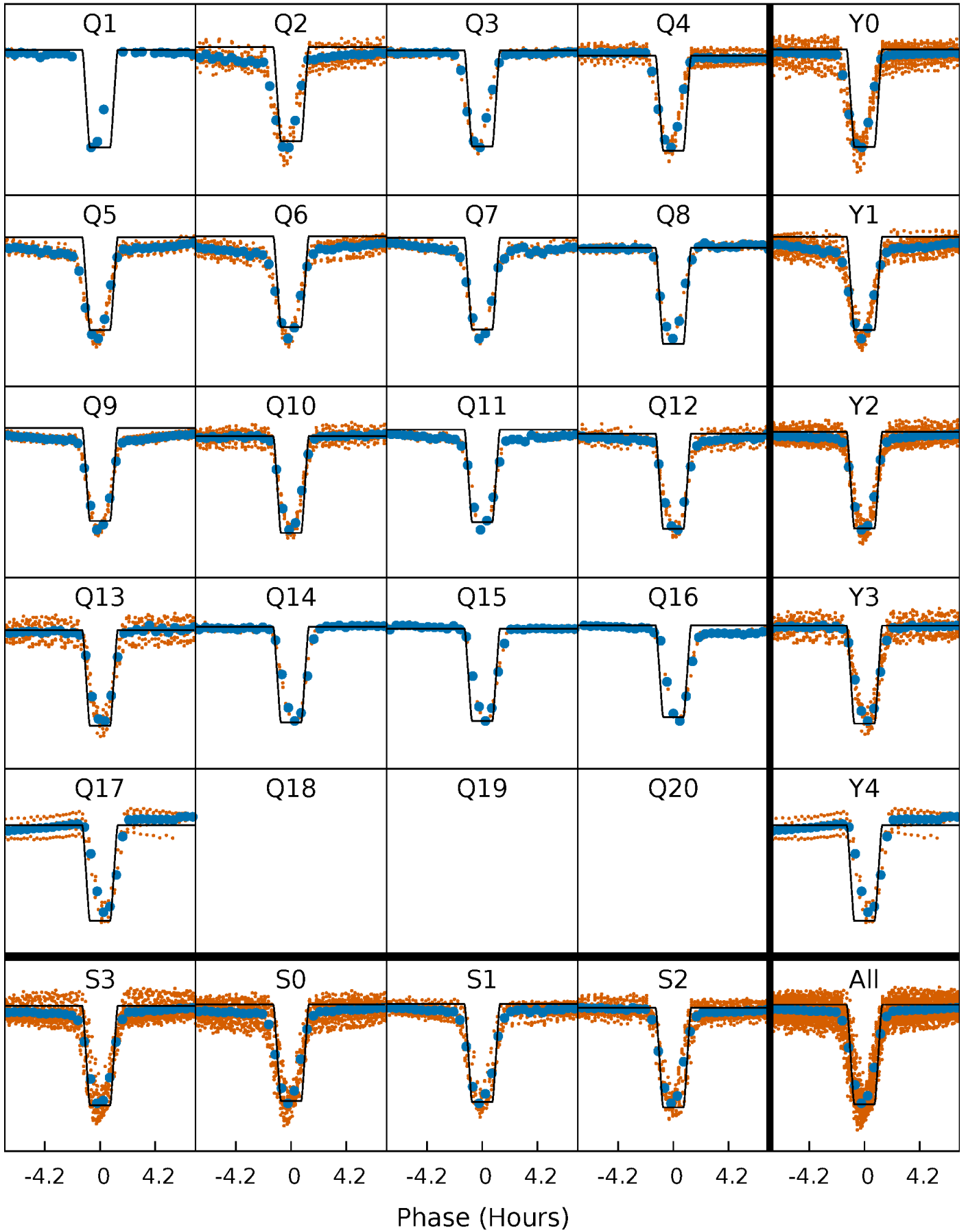
DV Quarter-Phased Transit Curves

TCE 011250867-02 $P = 4.505645$ Days $T_0 = 135.012542$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

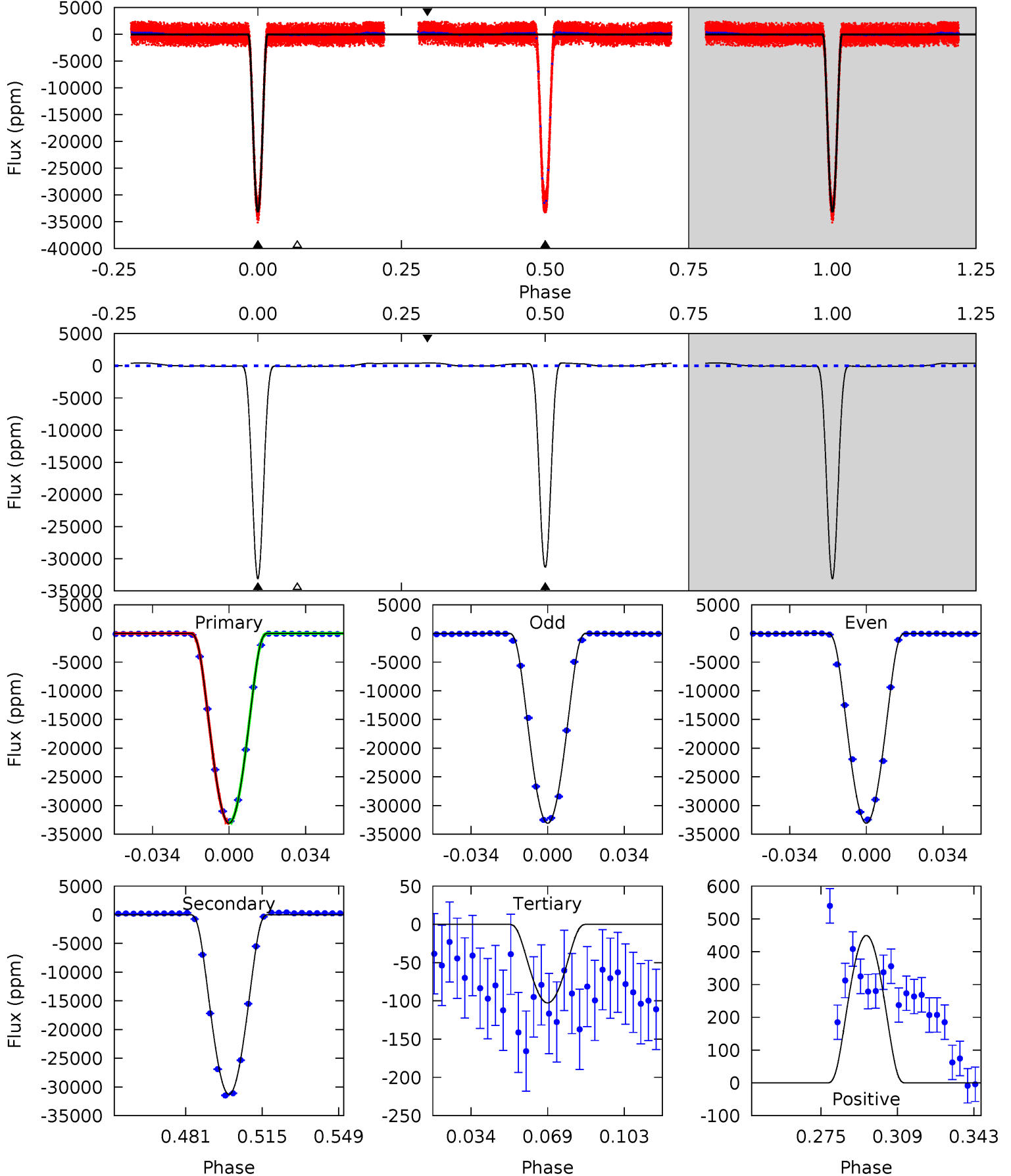
TCE 011250867-02 P= 4.505537 Days $T_0=135.032086$ (BKJD)



DV Model-Shift Uniqueness Test

011250867-02, P = 4.505645 Days, E = 130.506897 Days

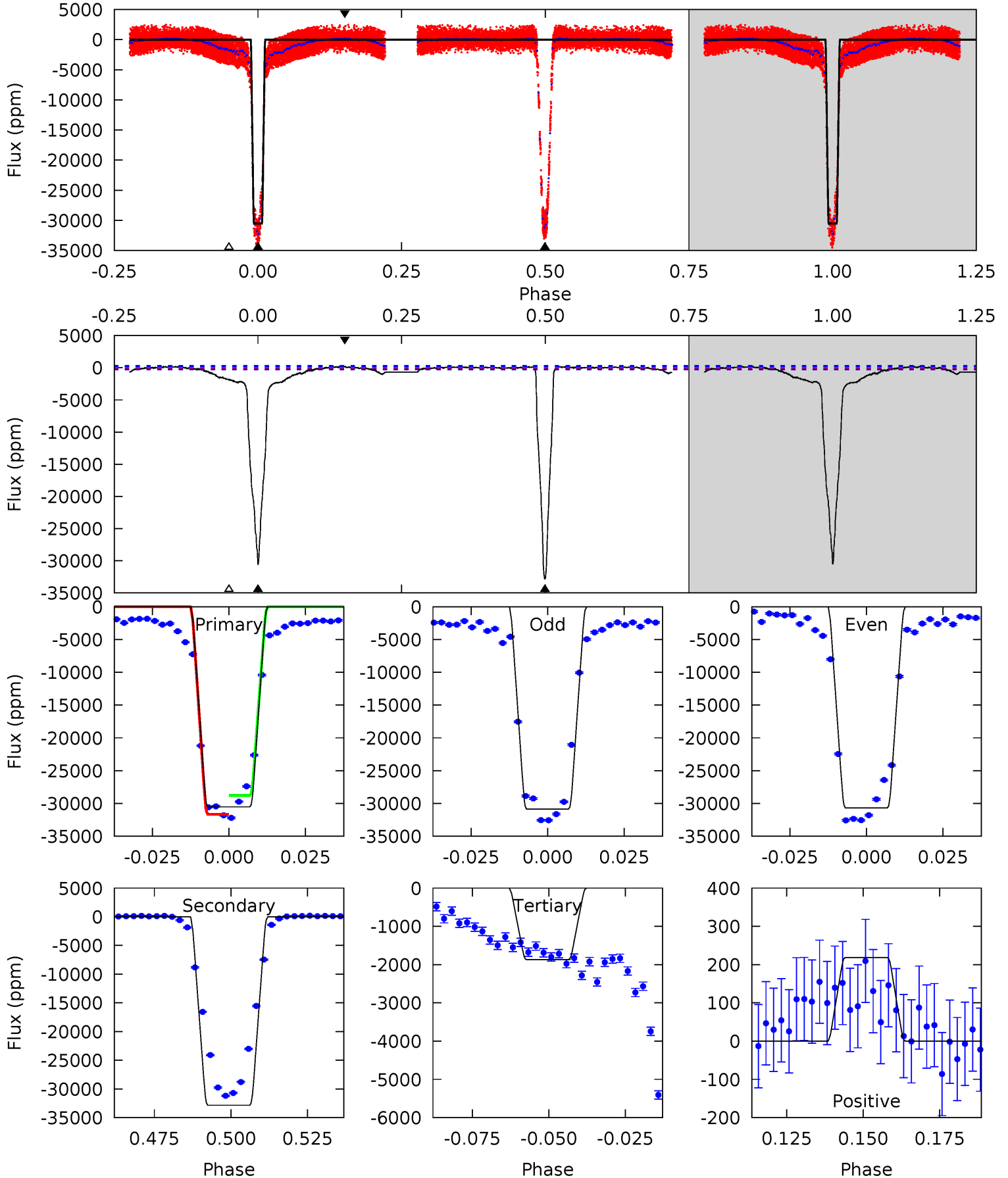
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
2353	2226	7.30	32.0	4.78	2.12	13.1	2346	2321	2218	2194	0.70	0.99	0.01	2.97



Alt Model-Shift Uniqueness Test

011250867-02, P = 4.505537 Days, E = 130.526549 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
548.0	589.5	33.6	3.92	4.85	2.24	8.02	514.5	544.1	555.9	585.6	1.53	1.00	0.01	25.6



Stellar Parameters For KIC 011250867

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	6116^{+164}_{-182}	$4.431^{+0.105}_{-0.180}$	$-0.560^{+0.300}_{-0.300}$	$0.951^{+0.248}_{-0.134}$	$0.888^{+0.109}_{-0.079}$	$1.456^{+0.734}_{-0.700}$
	+3%/-3%	+2%/-4%	+54%/-54%	+26%/-14%	+12%/-9%	+50%/-48%
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 011250867-02 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	-31281 ± 14	$30.35^{+4.38}_{-2.87}$	1635^{+110}_{-89}	4919^{+131}_{-141}	51^{+10}_{-11}
Alt.	-32836 ± 56	$19.24^{+2.88}_{-2.08}$	1631^{+113}_{-82}	6134^{+247}_{-233}	133^{+33}_{-29}

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 $A_{obs} \gg 1.0$

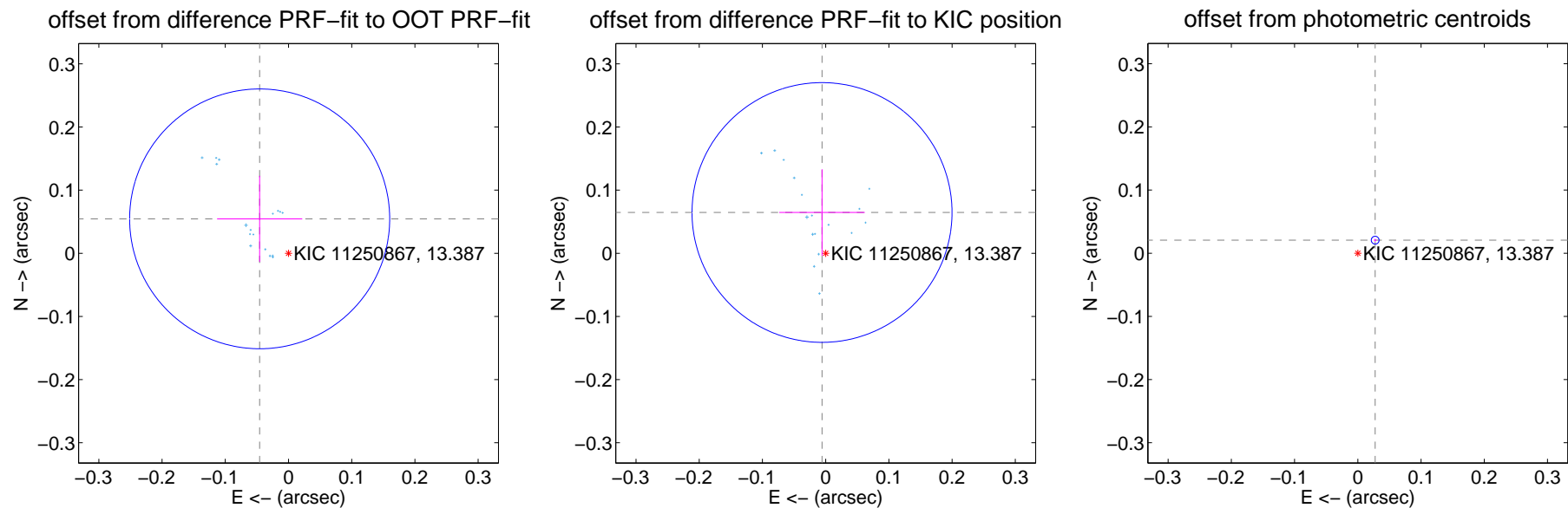
DV Centroid Data

Supplemental centroid analysis for 011250867-02. Kepler magnitude: 13.39. Transit SNR 1830.69

There are 17 quarters with good PRF difference image offsets

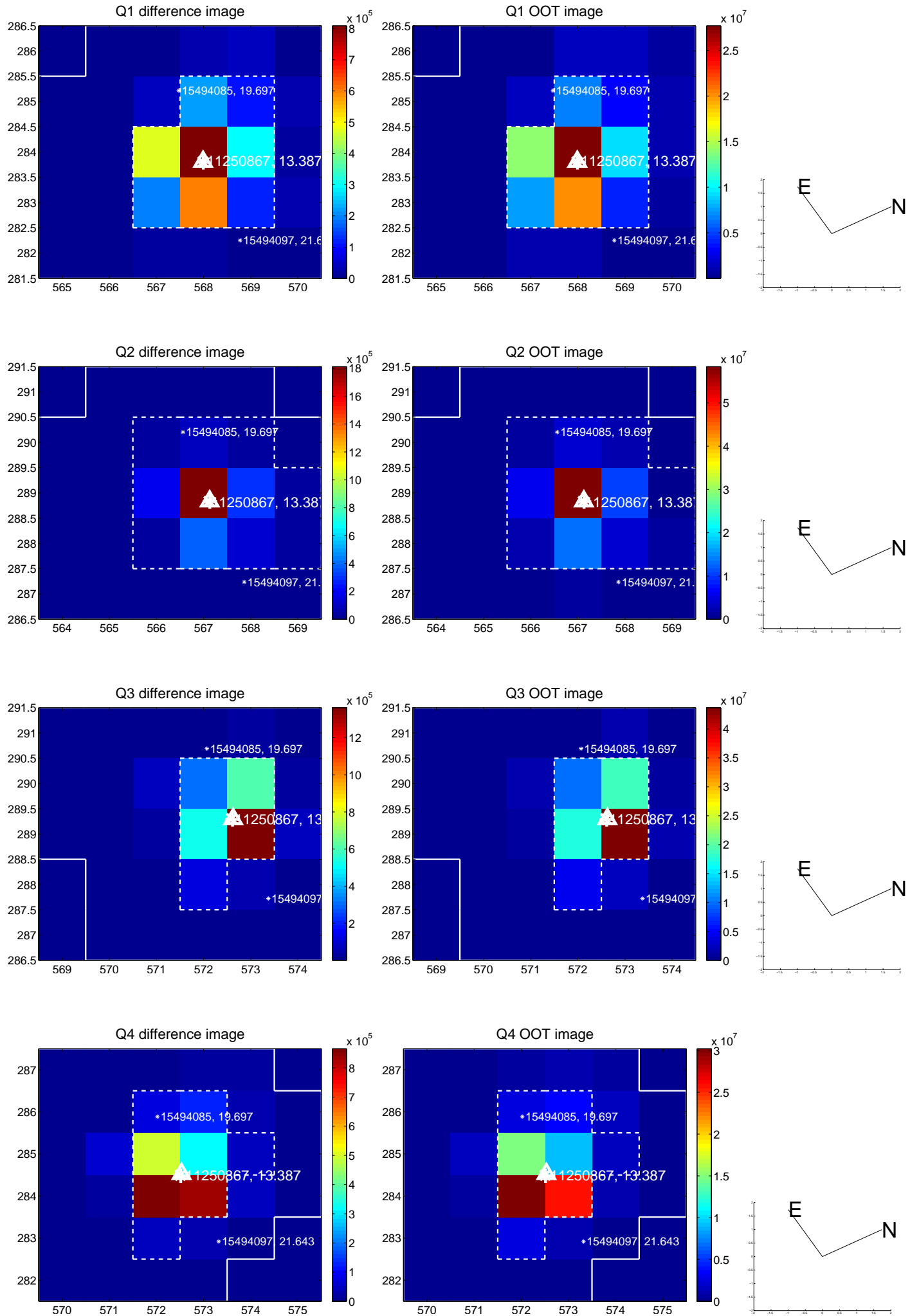
The direct PRF centroid is offset from the target star catalog position by about 0.04 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	0.071 ± 0.069	1.04	0.046 ± 0.067	0.055 ± 0.068
PRF-fit source offset from KIC position	0.065 ± 0.069	0.95	0.006 ± 0.068	0.065 ± 0.068
photometric centroid source offset	0.03 ± 0.00	16.66	-0.03 ± 0.00	0.02 ± 0.00

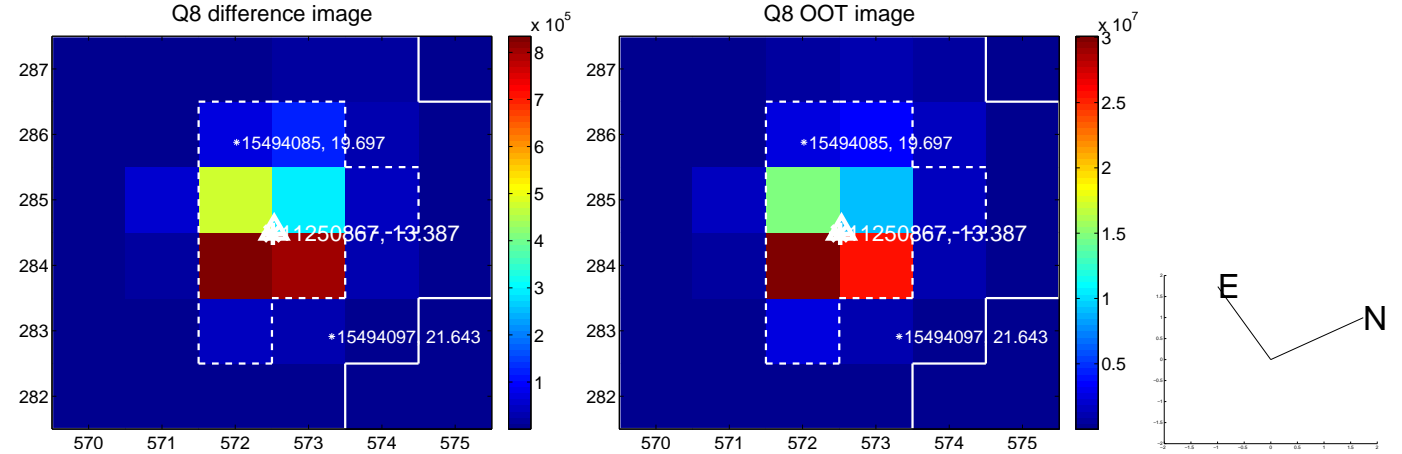
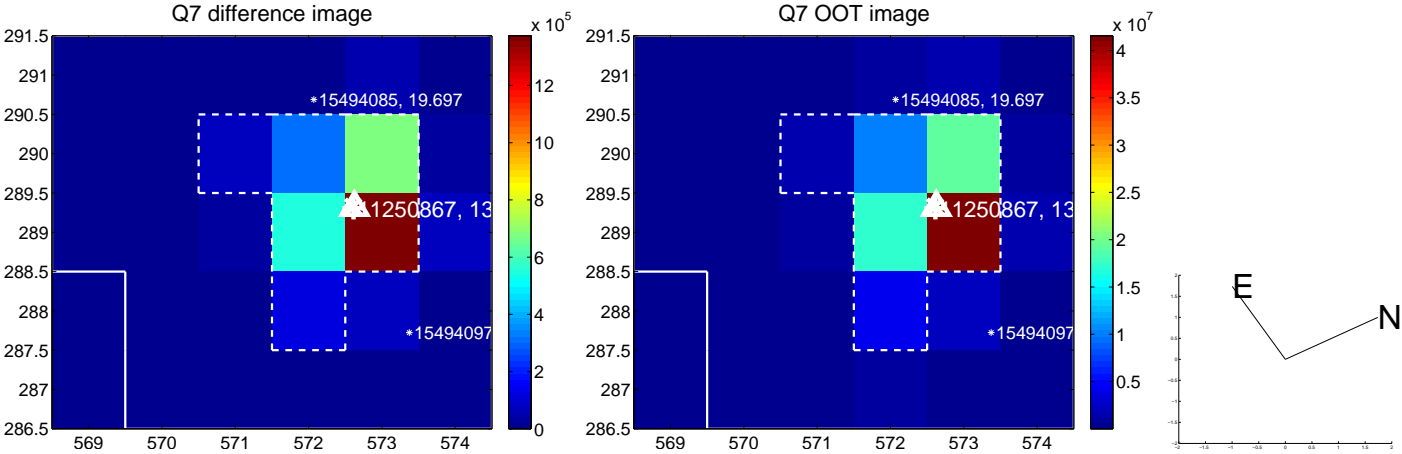
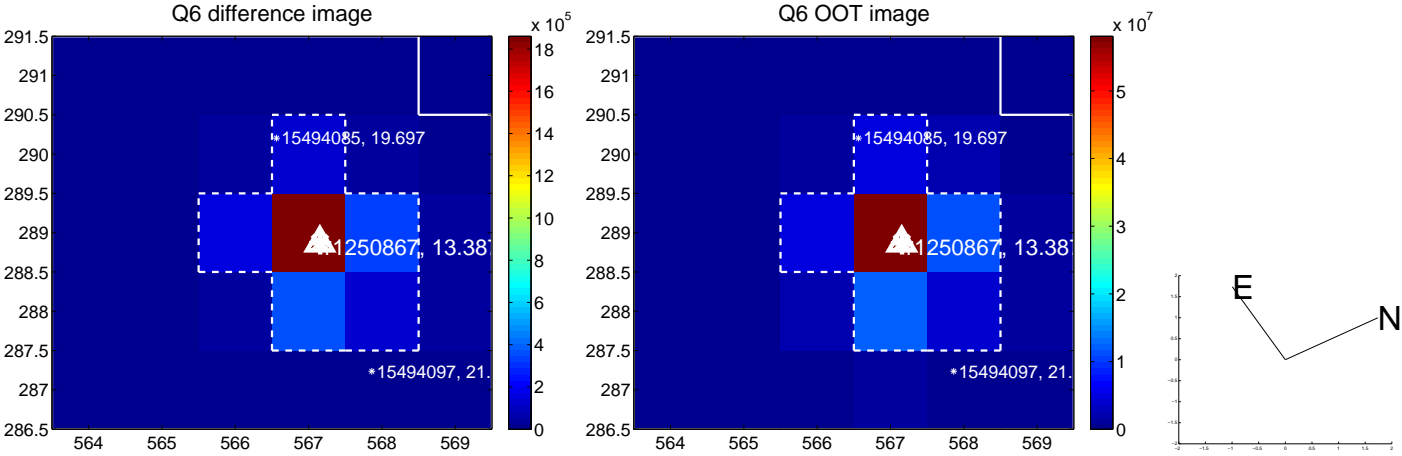
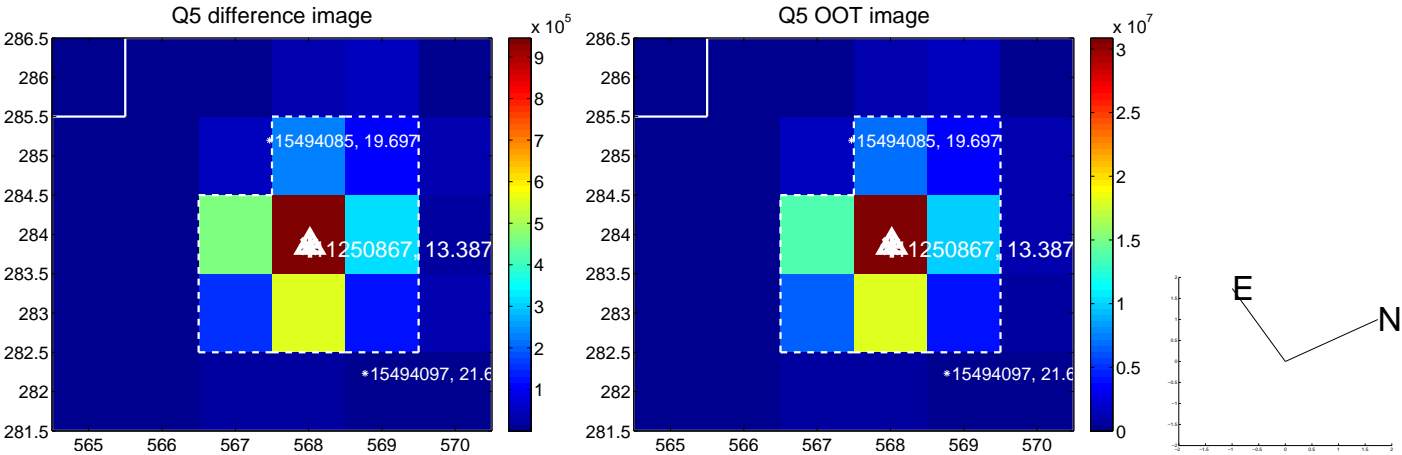


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets**; **Vermillion crosses: bad quarterly centroid offsets**; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three-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

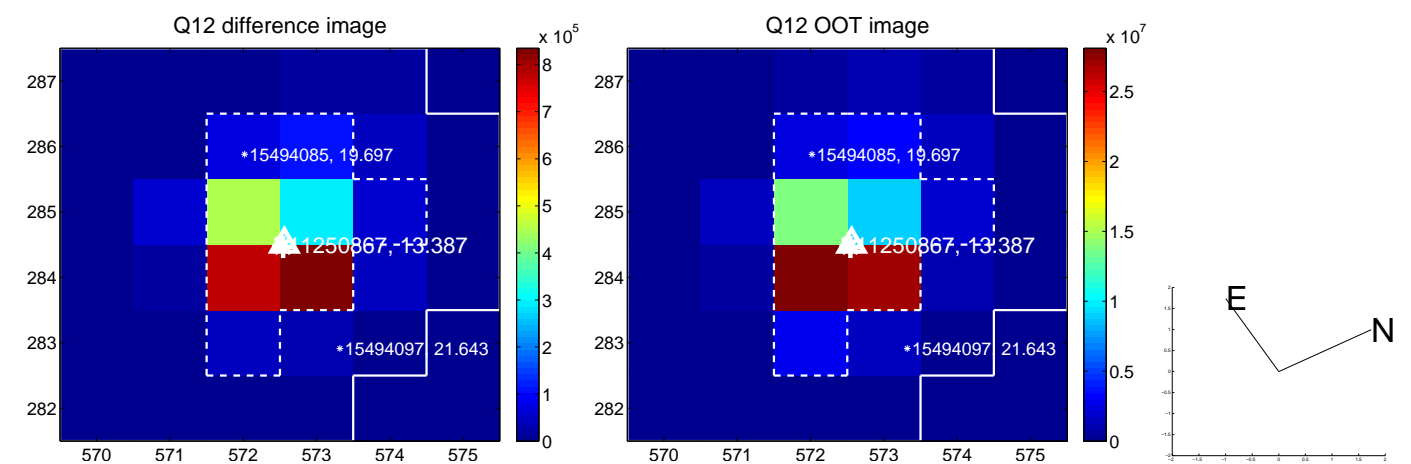
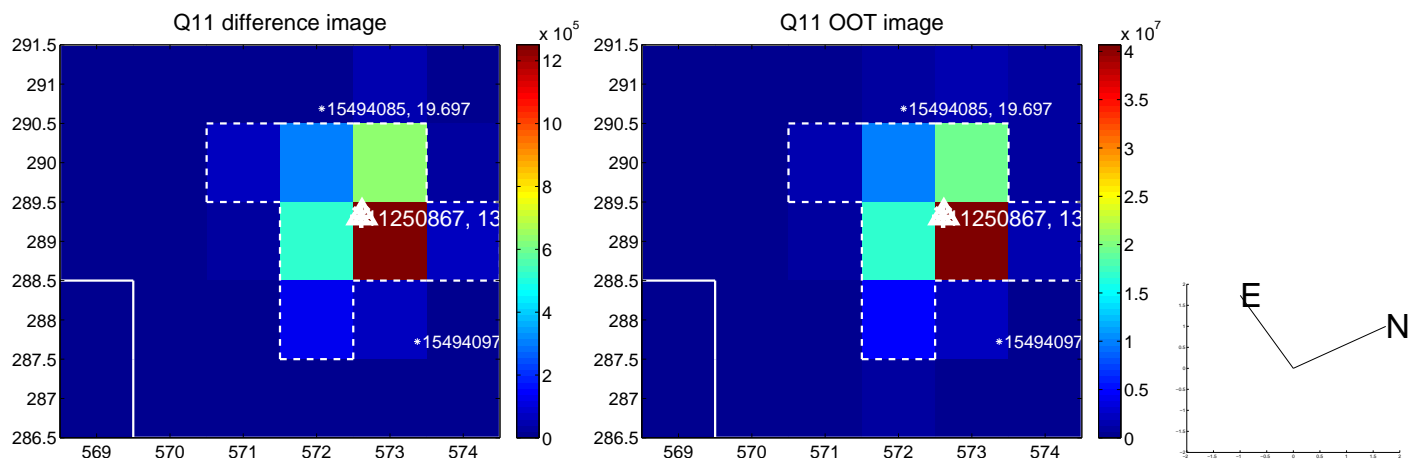
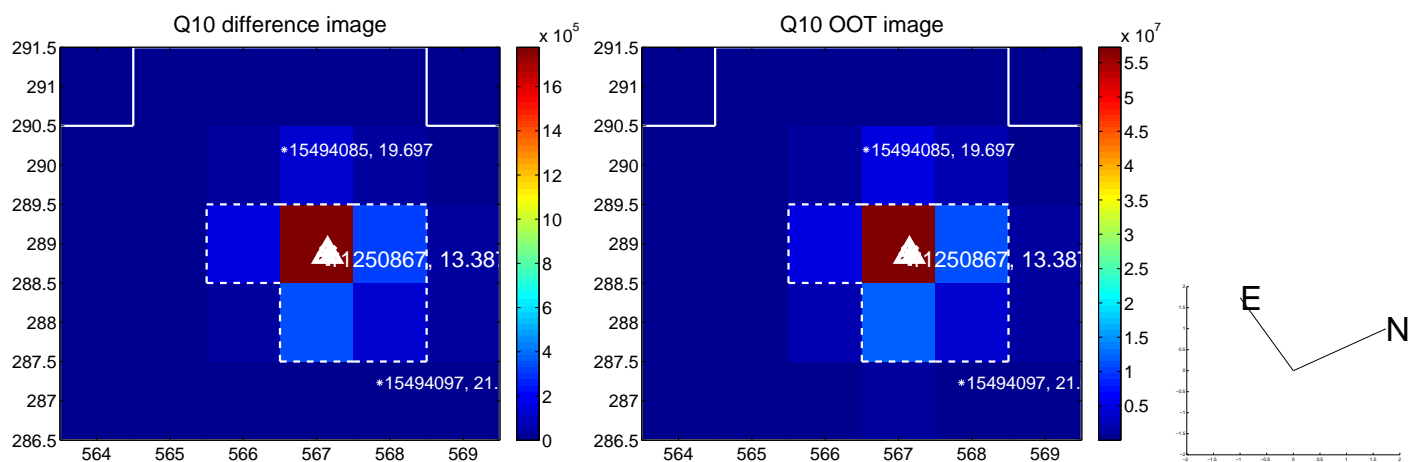
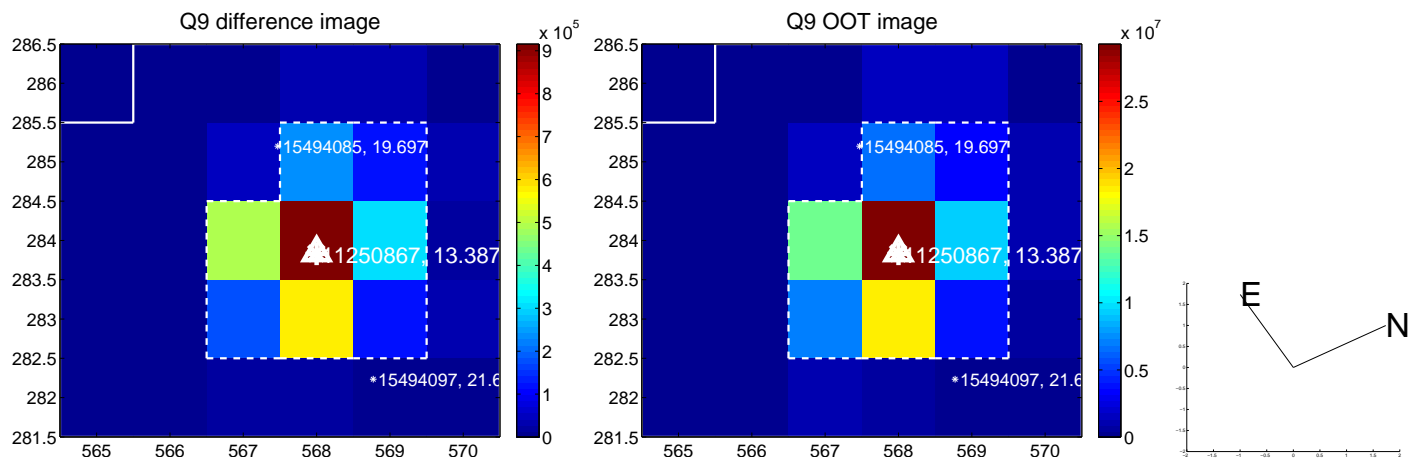
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



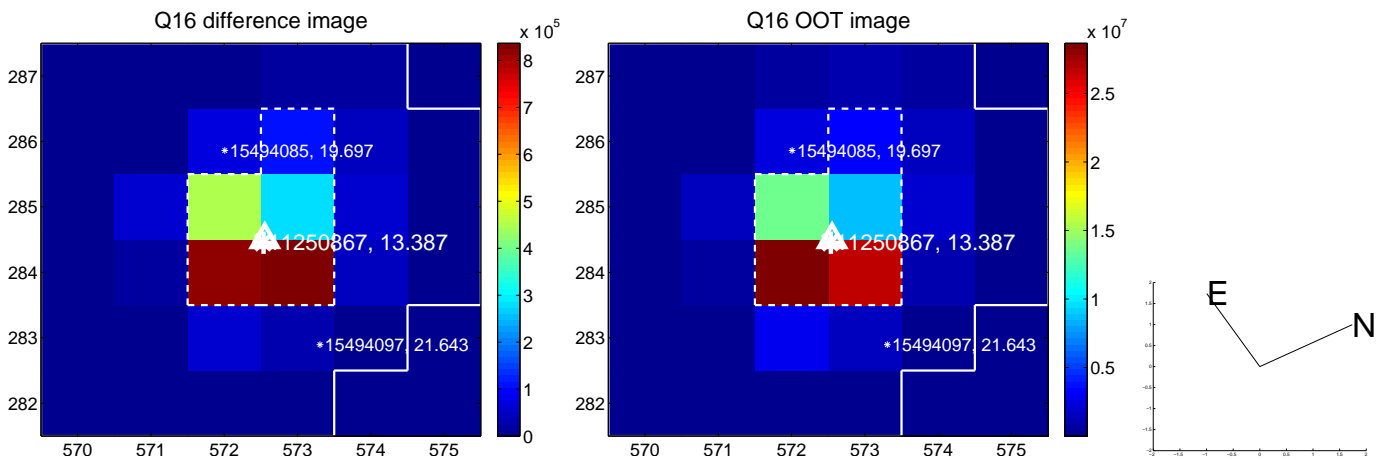
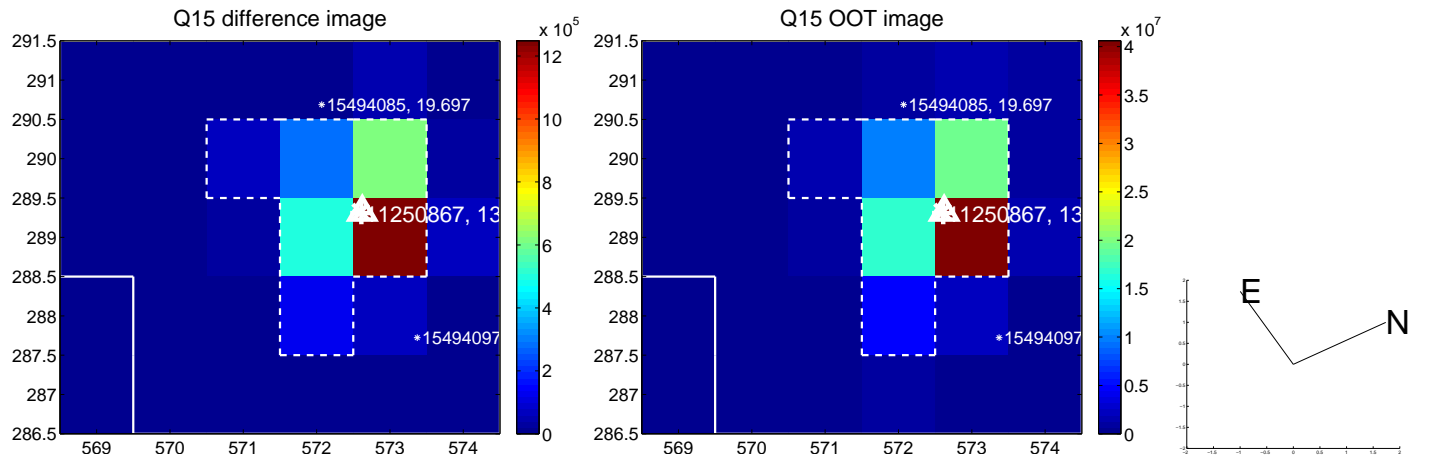
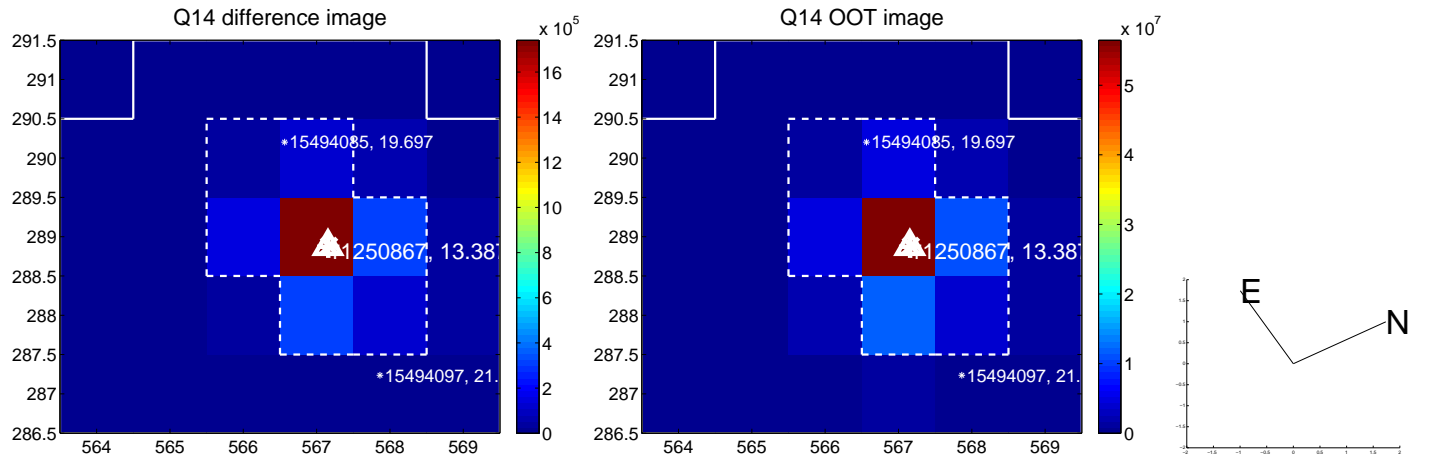
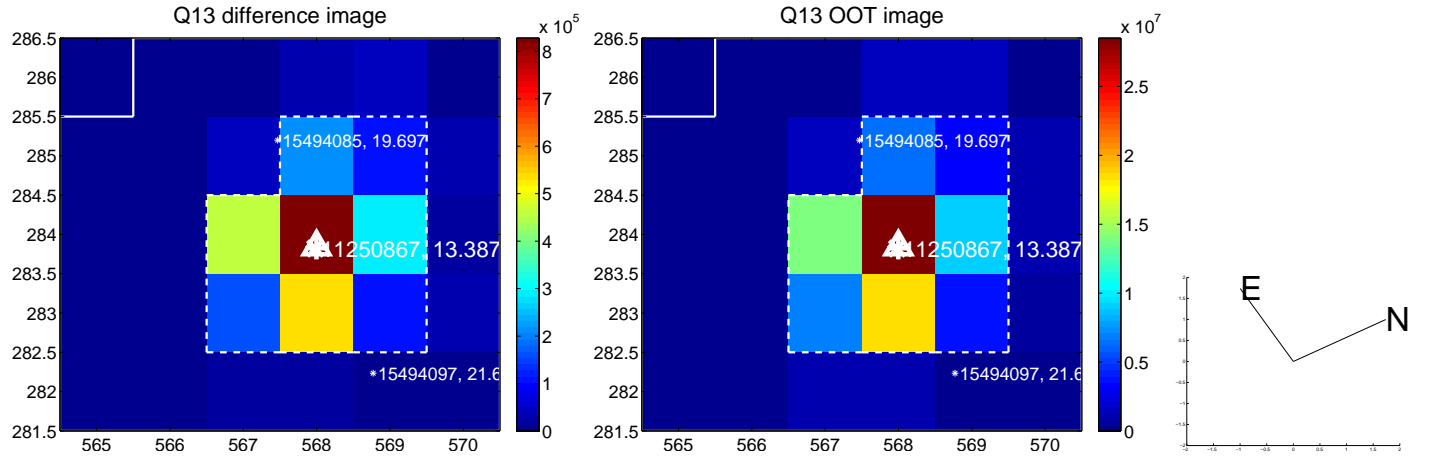
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



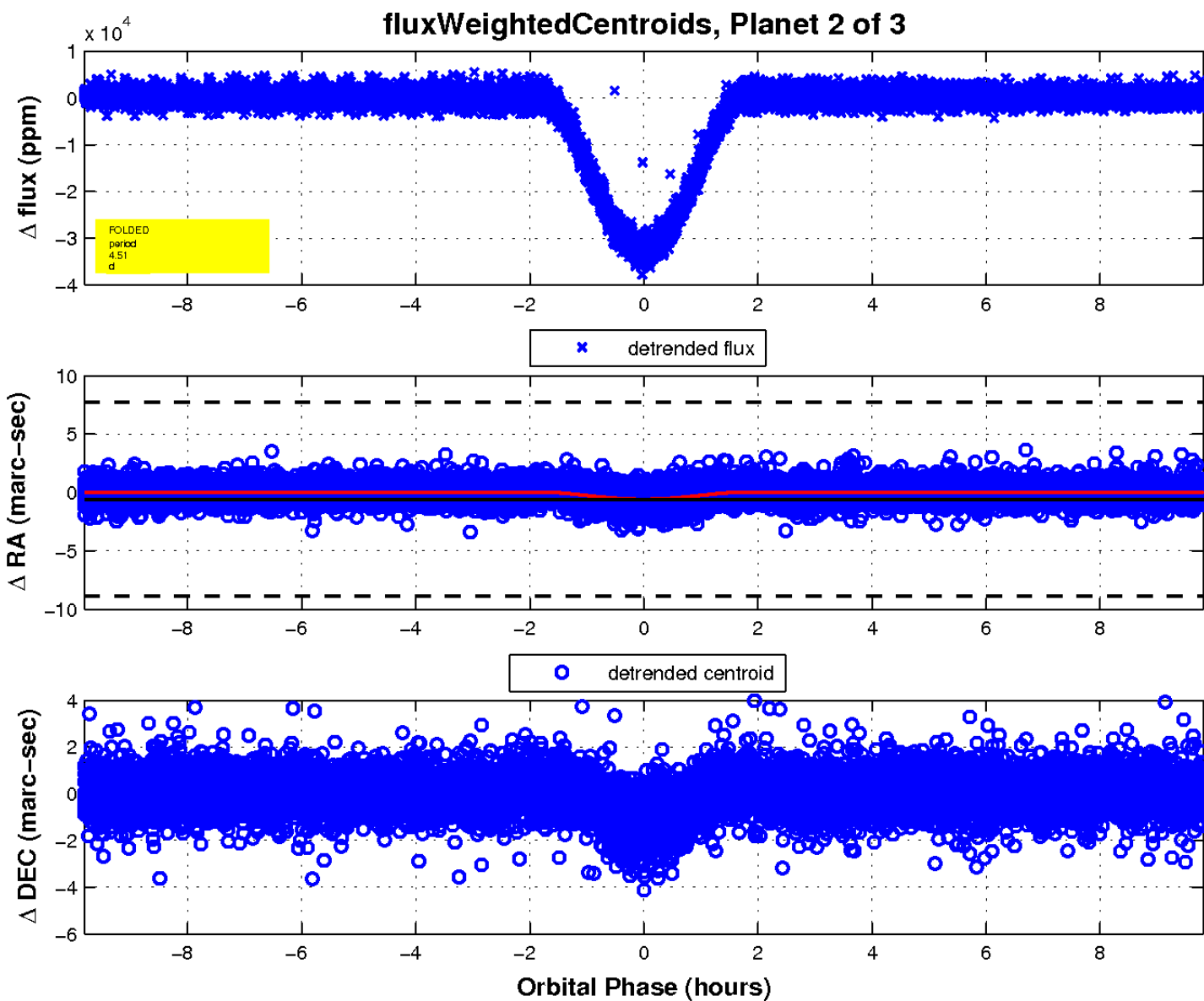
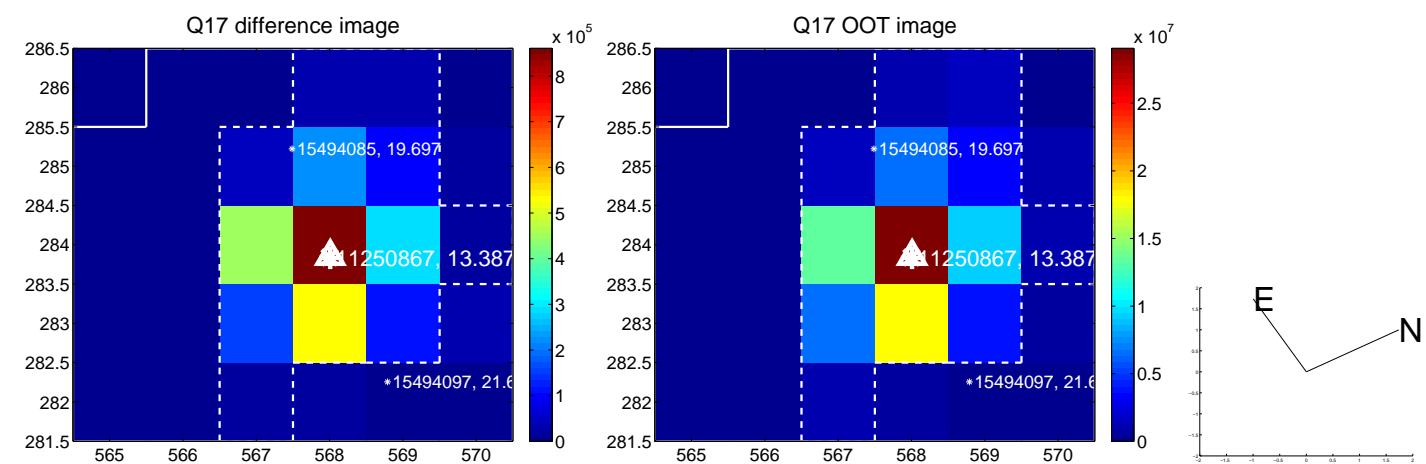
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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

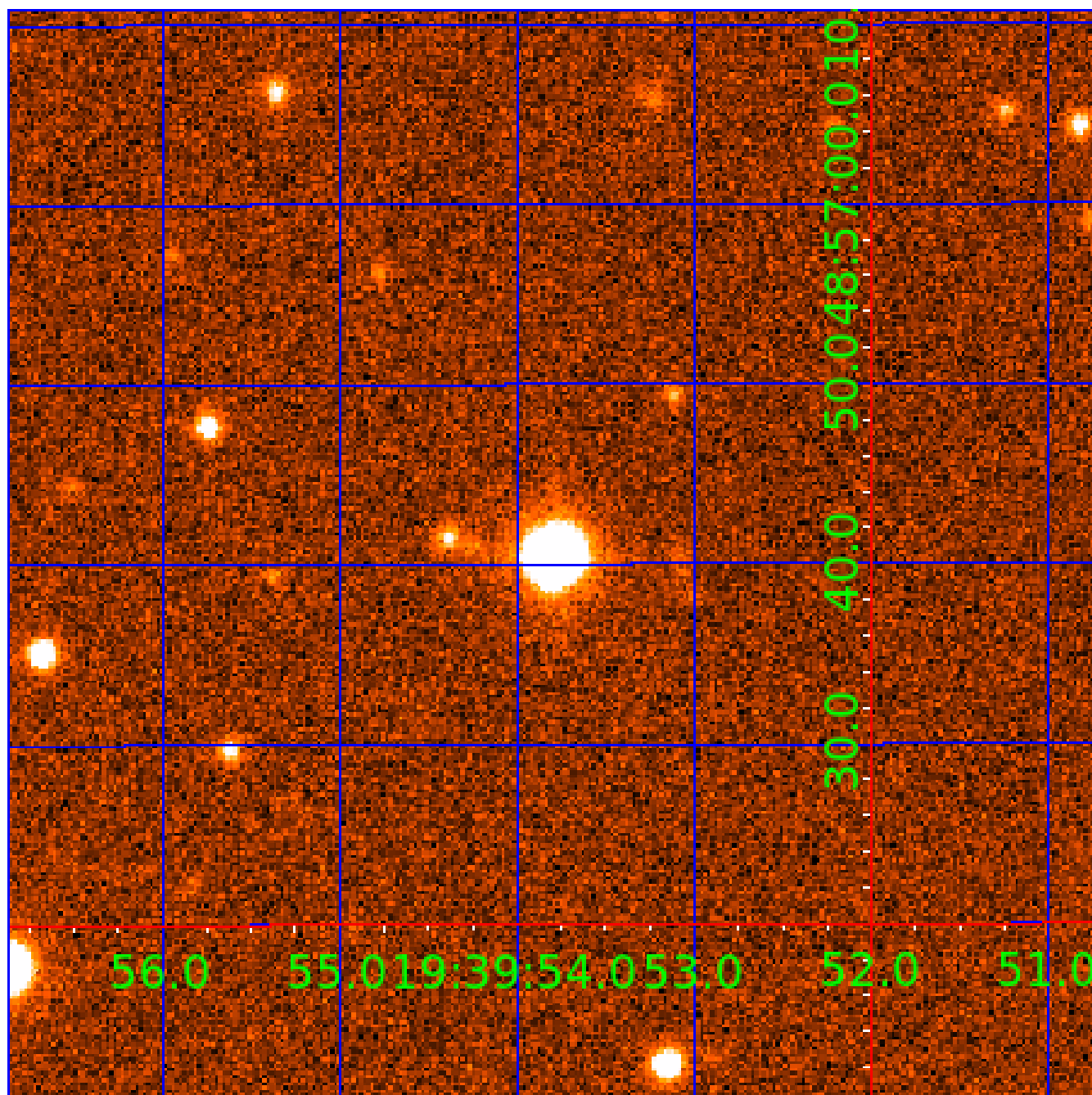


white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



UKIRT Image

Declination



KIC 011250867

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})
011250867-01	OBS	7428.01	2.252812	131.634110	264956.9	2.000	20417.7	-1.0	0.95	6116	34.10	1082.89
011250867-02	OBS	No	4.505645	135.012542	33089.5	3.271	4369.6	1830.7	0.95	6116	29.89	429.74
011250867-03	OBS	No	4.505675	133.717818	17594.5	10.500	4410.5	-1.0	0.95	6116	12.66	429.74

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011250867-01	OBS	FP	0.00	0	1	0	0	MOD_SEC_ALT—HAS_SEC_TCE—CENT_NOFITS
011250867-02	OBS	FP	0.00	1	1	0	0	IS_SEC_TCE
011250867-03	OBS	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE_ZUMA—LPP_DV—LPP_ALT—RESIDUAL_TCE—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.

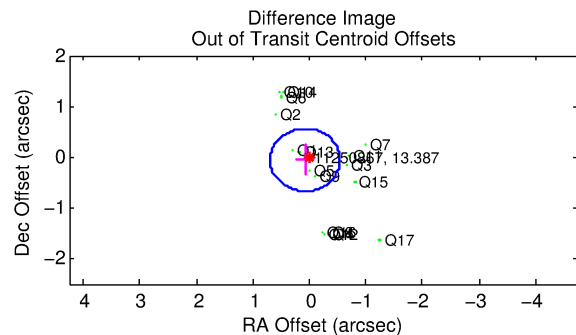
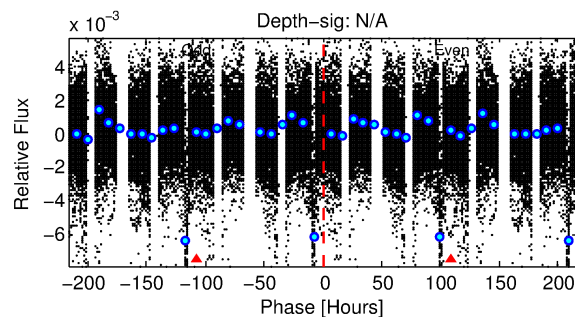
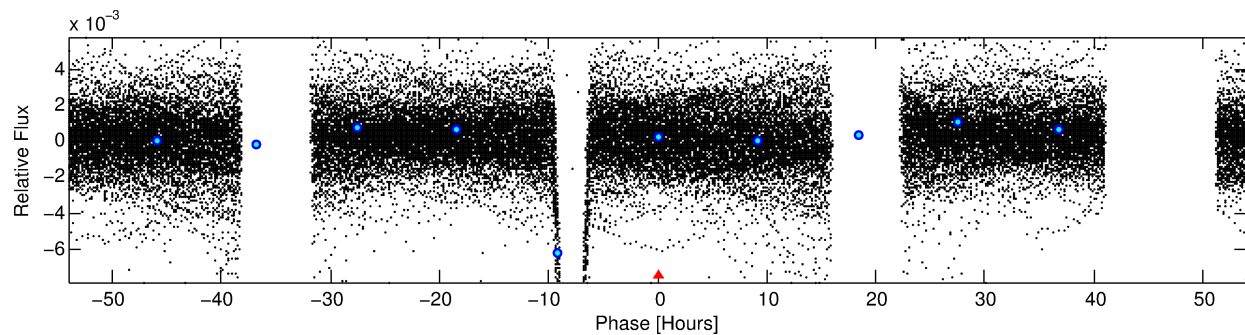
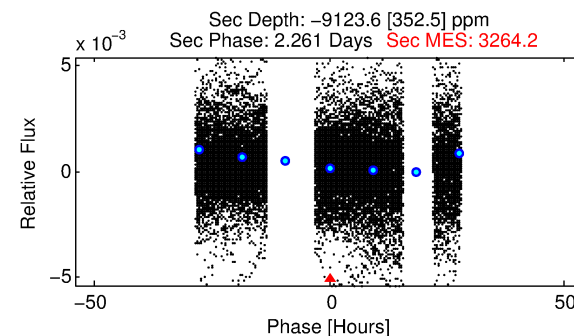
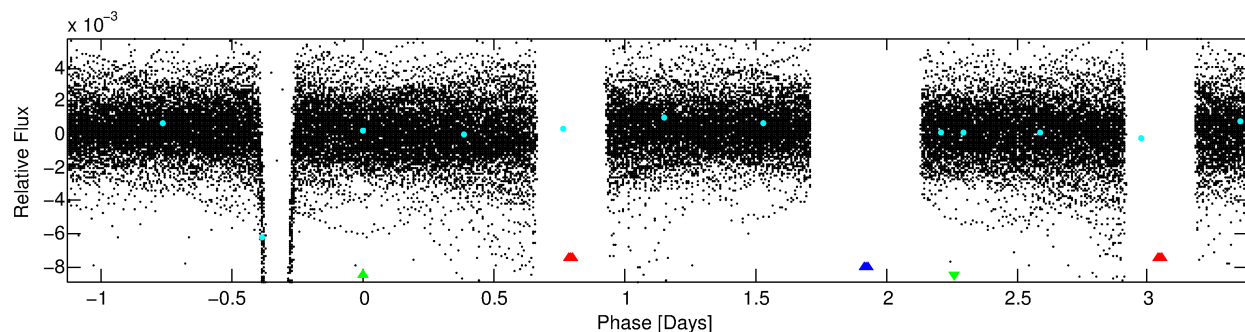
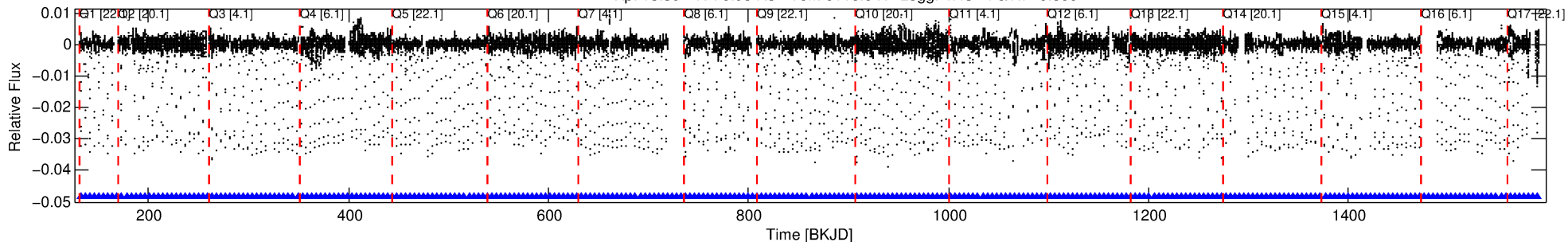
Ephemeris Match Information For 011250867-03

No Significant Match Found

DV One-Page Summary

KIC: 11250867 Candidate: 3 of 3 Period: 4.506 d
KOI: K07428 Corr: No Ephemeris Match

Kp: 13.39 R*: 0.95 Rs Teff: 6116.0 K Logg: 4.43 Fe/H: -0.560



TPS TCE Results:

Period = 4.50567 d
Epoch = 133.7178 BKJD

DV fit results are unavailable

DV Diagnostic Results:

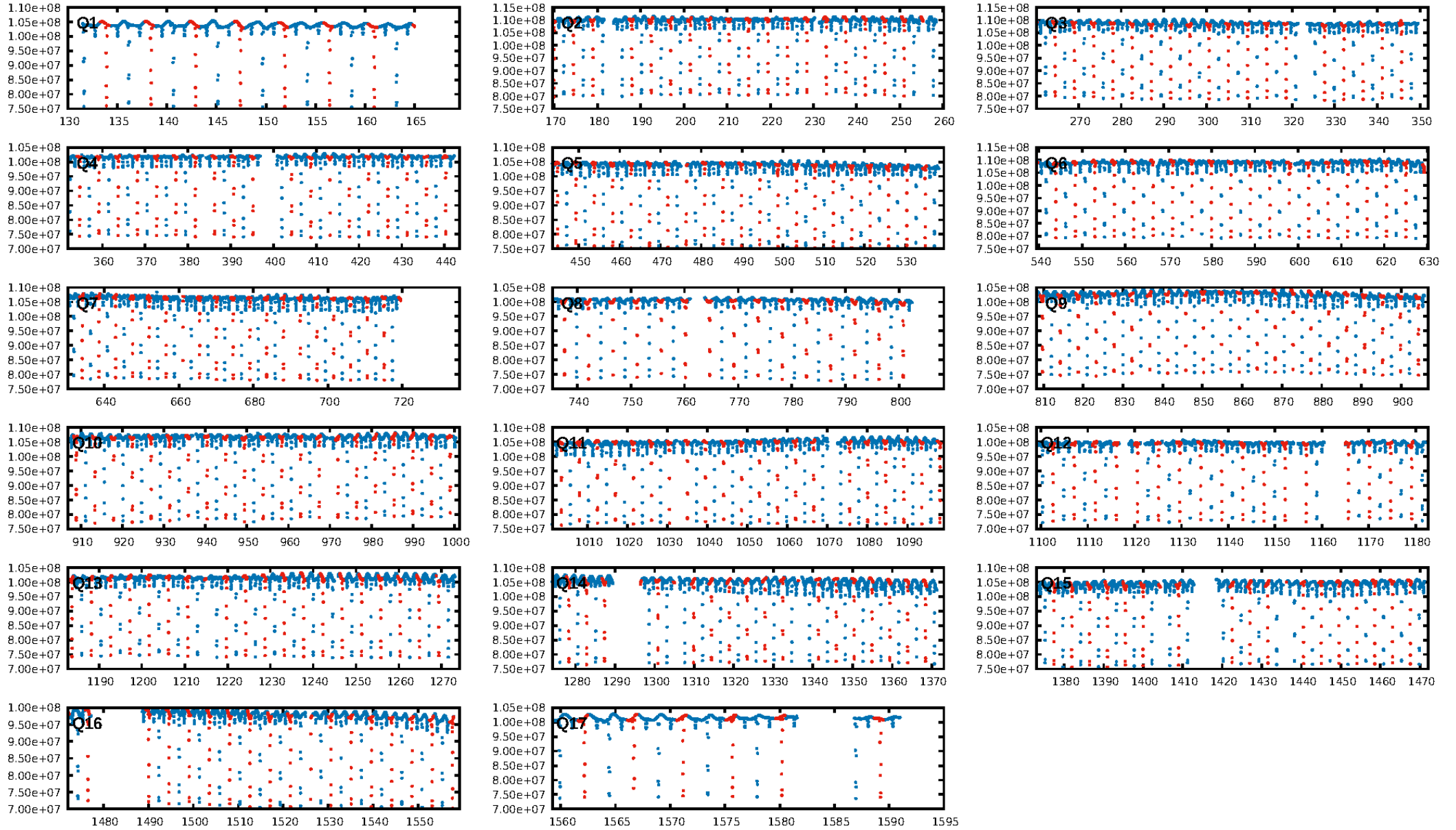
ShortPeriod-sig: 0.0% [0.00 σ]
LongPeriod-sig: N/A
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 1.00 [298/298]
GhostDiagnostic-chr: -0.5423

Centroid-sig: N/A
Centroid-so: 0.068 arcsec [6.99 σ]
OotOffset-rm: 0.099 arcsec [0.48 σ]
KicOffset-rm: 0.057 arcsec [0.27 σ]
OotOffset-st: 4/4/4/5 [17]
KicOffset-st: 4/4/4/5 [17]
DiffImageQuality-fgm: 0.00 [0/17]
DiffImageOverlap-fno: 0.00 [0/17]

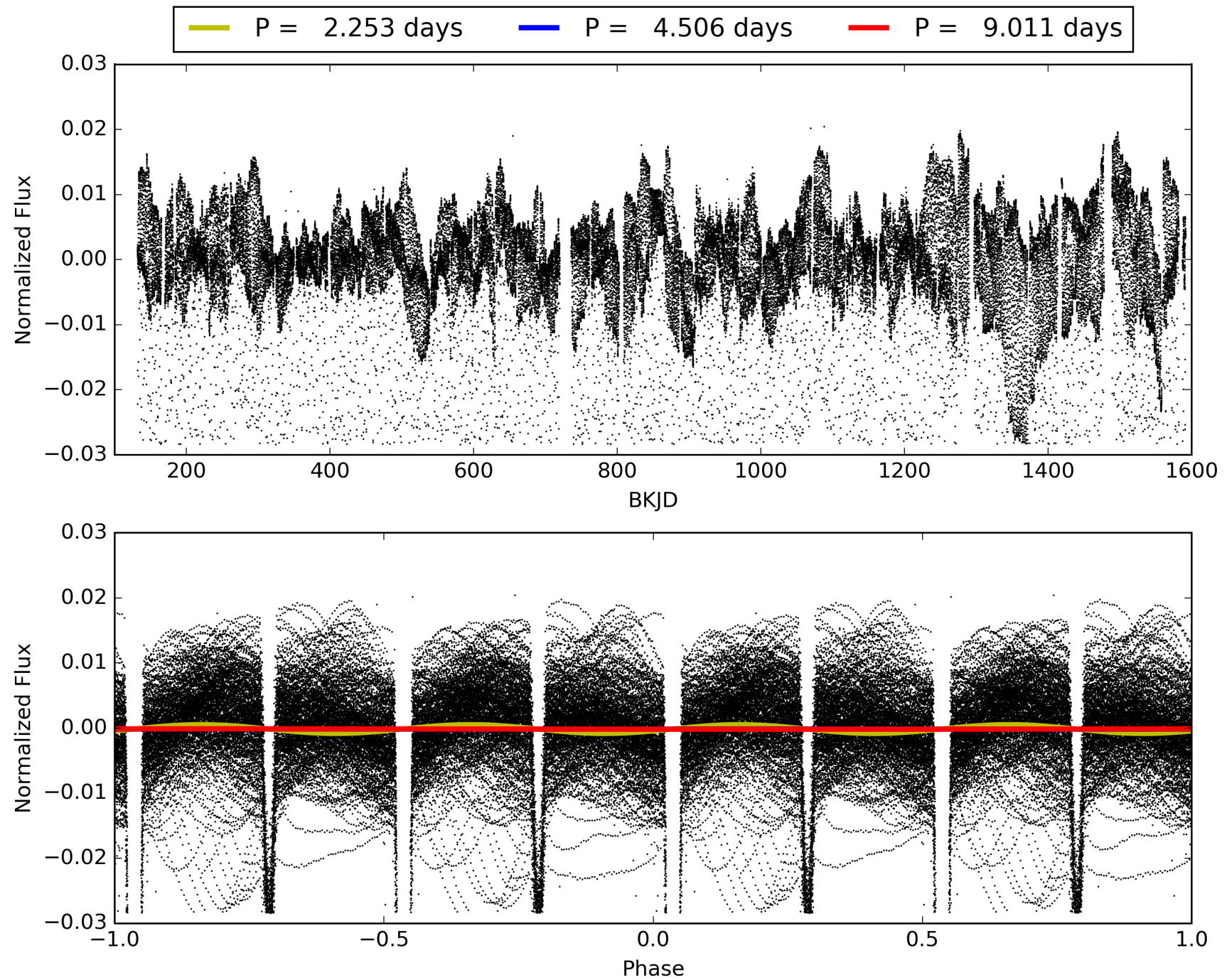
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 30-Jan-2016 07:37:07 Z

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

TCE 011250867-03, PDC Light Curves

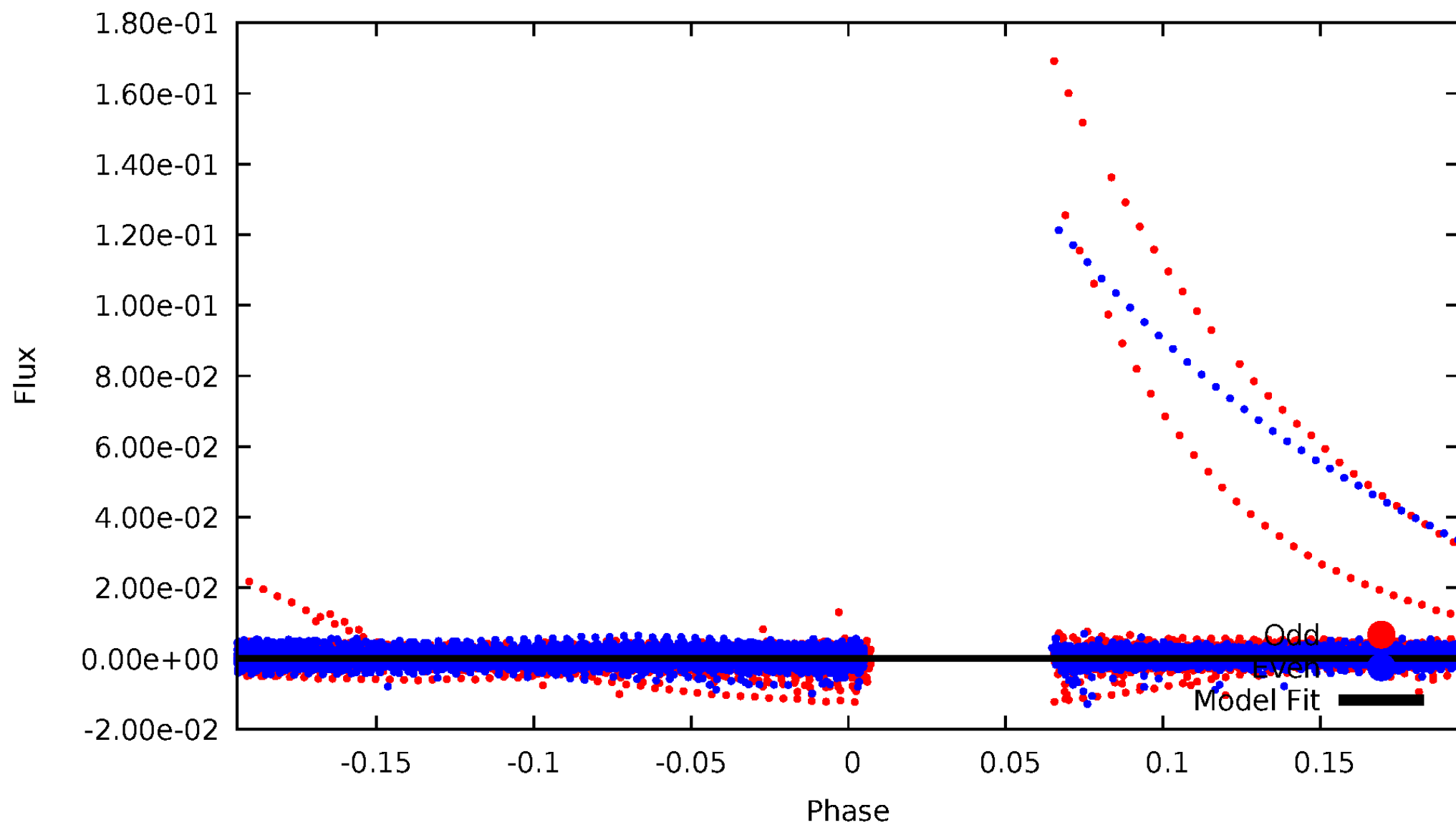


TCE 011250867-03



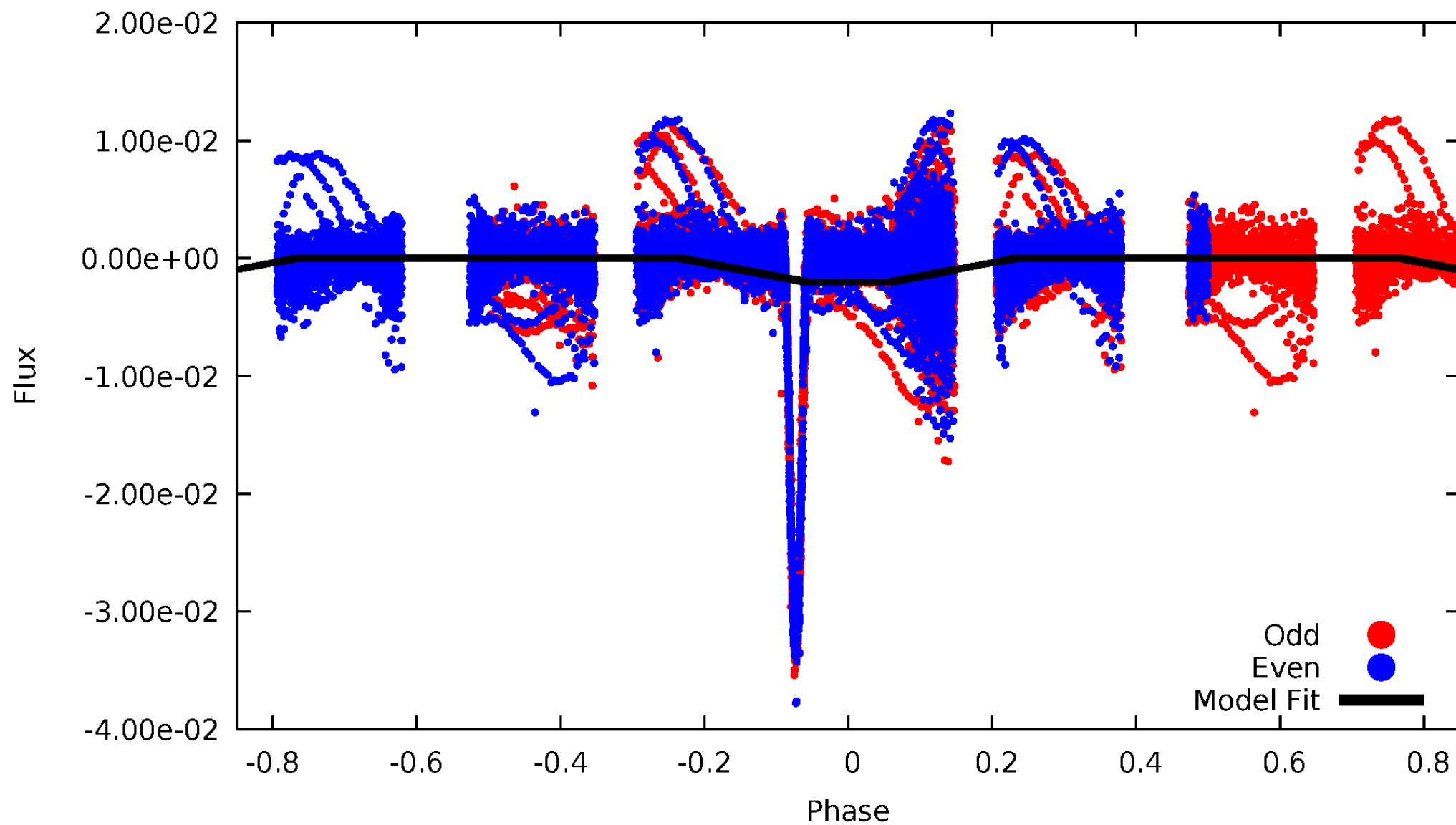
DV Odd/Even

TCE 011250867-03



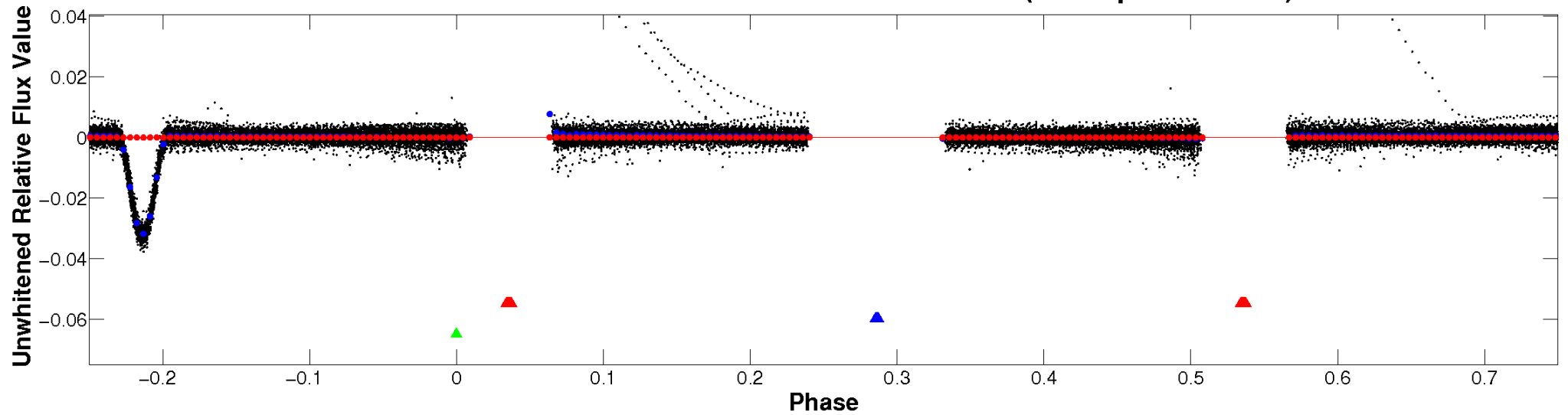
ALT Odd/Even

TCE 011250867-03



Non-Whitened Vs. Whitened Light Curve

Planet 3 : Phased Unwhitened Flux Time Series (TPS Epoch/Period)

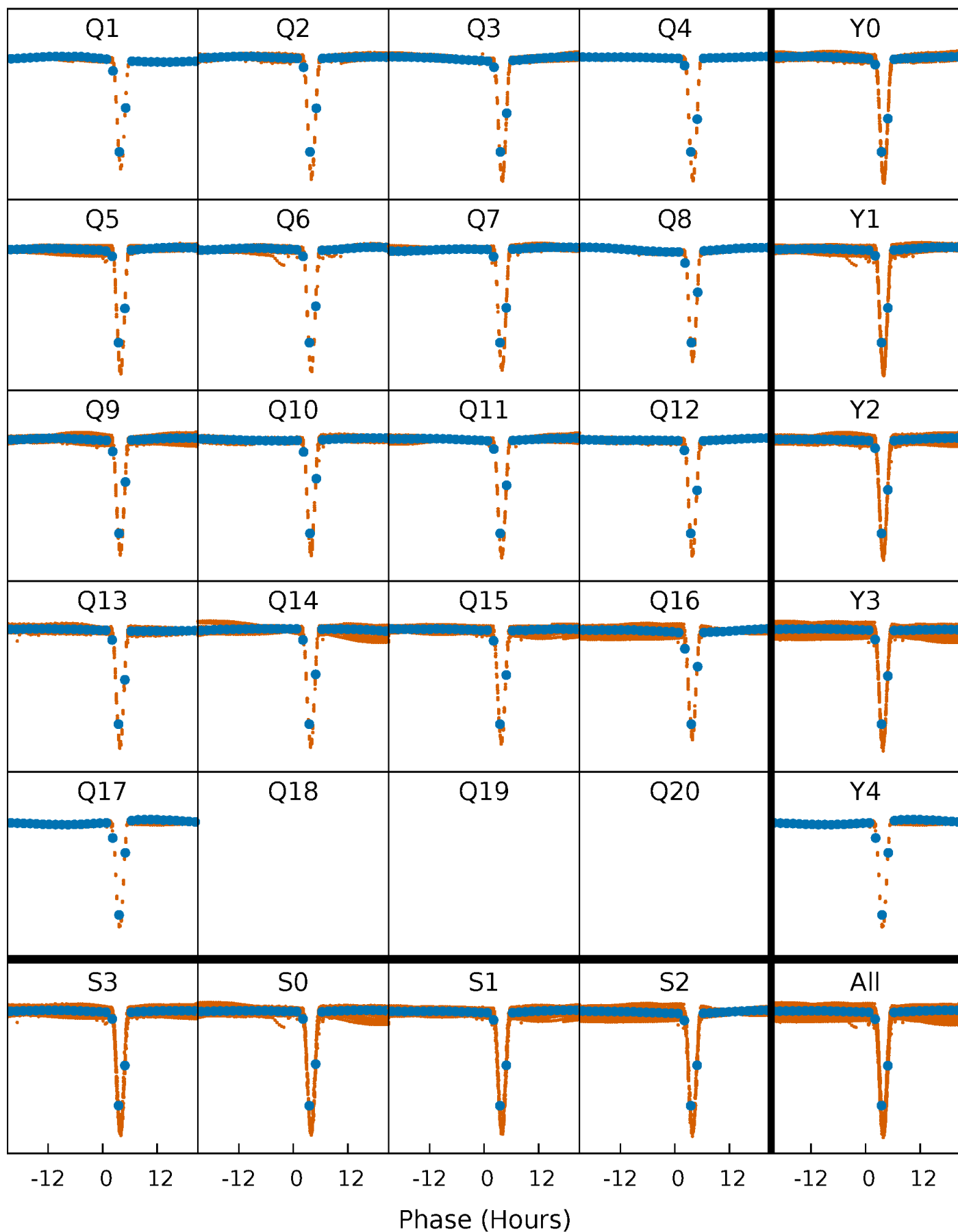


Planet 3 : Phased Whitened Flux Time Series (TPS Epoch/Period)



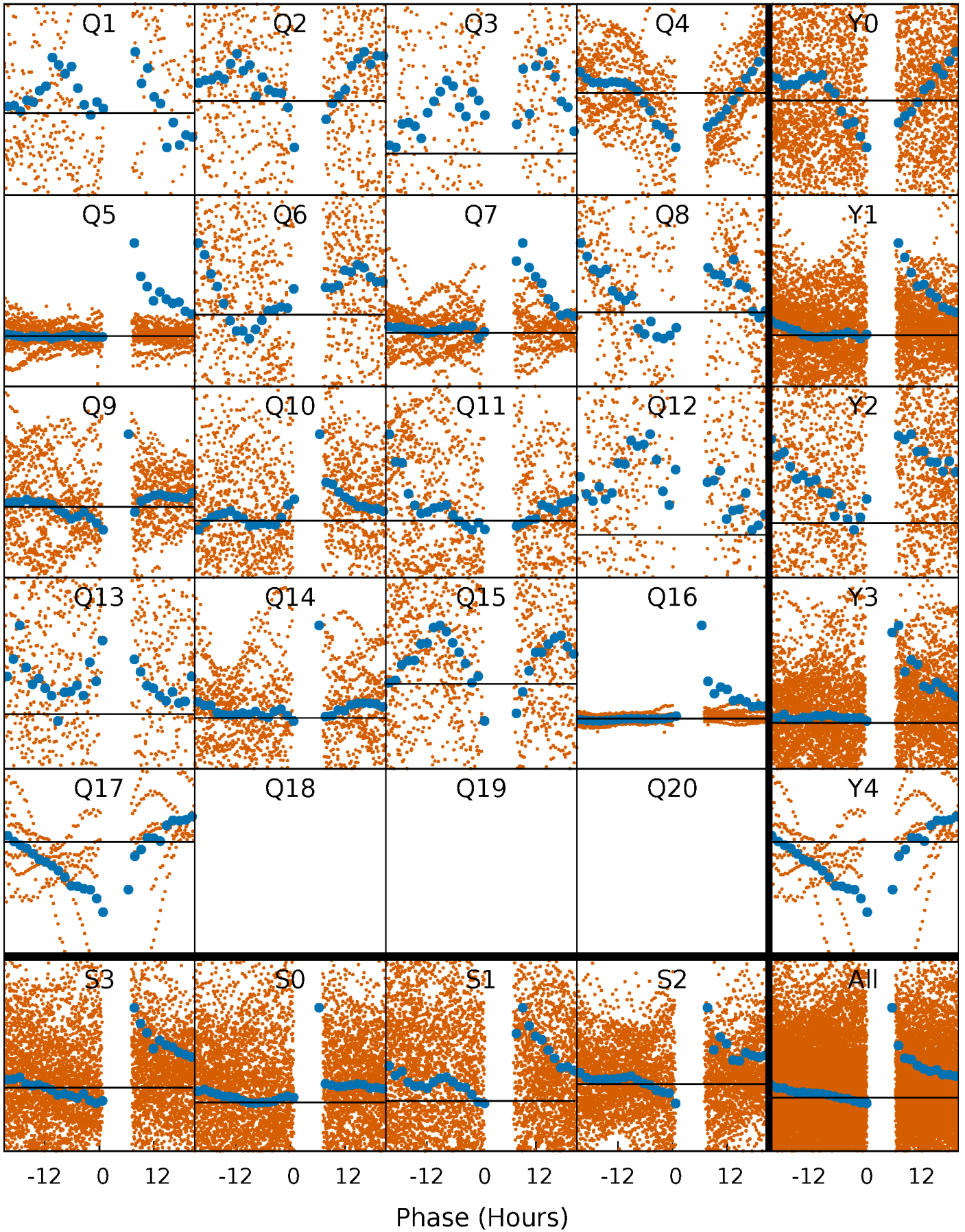
PDC Quarter-Phased Transit Curves

TCE 011250867-03 P= 4.505675 Days $T_0=133.717818$ (BKJD)



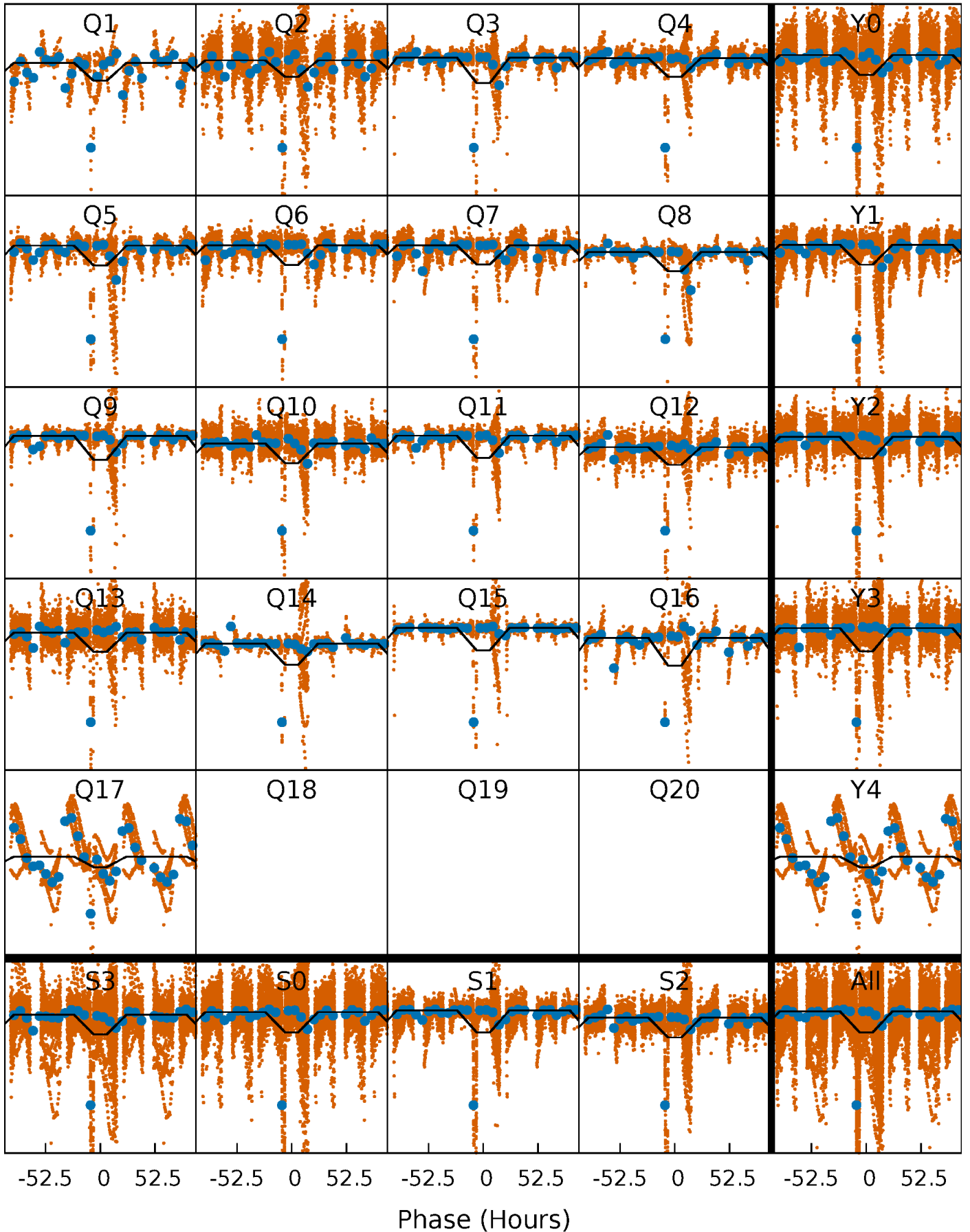
DV Quarter-Phased Transit Curves

TCE 011250867-03 P= 4.505675 Days $T_0=133.717818$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

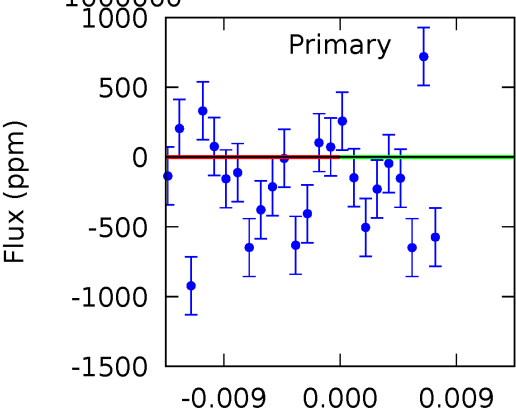
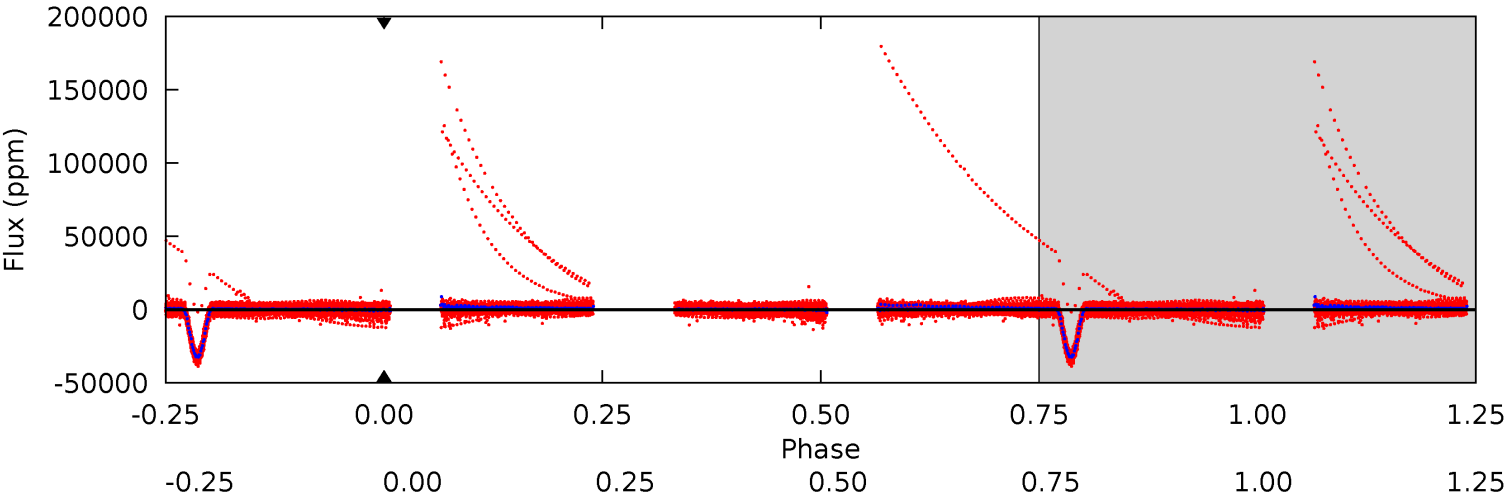
TCE 011250867-03 P= 4.505675 Days $T_0=133.084272$ (BKJD)



DV Model-Shift Uniqueness Test

011250867-03, P = 4.505675 Days, E = 129.212143 Days

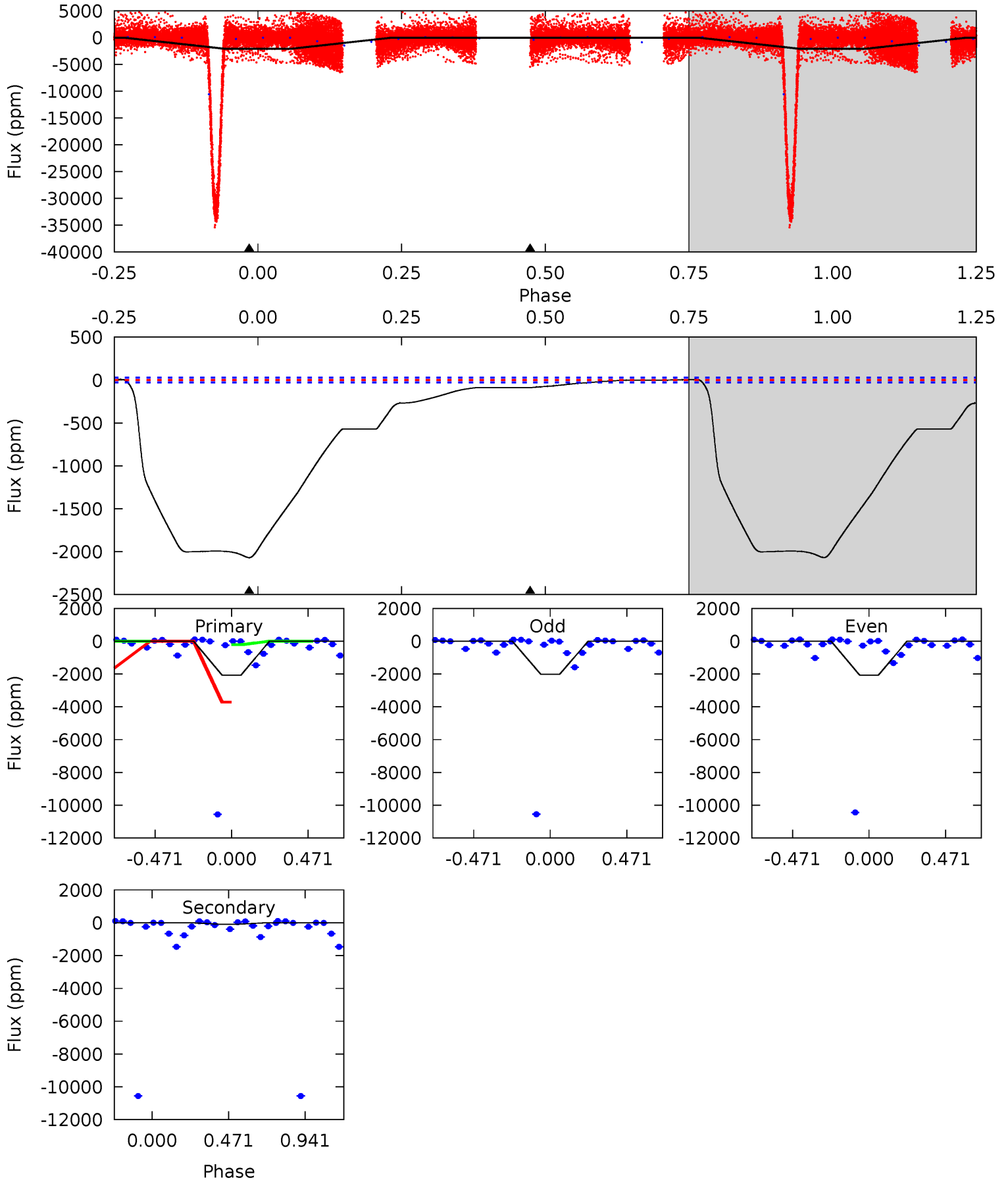
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
0	0	0	0	1.00	1.00	1.00	0	0	0	0	0	0	0	0



Alt Model-Shift Uniqueness Test

011250867-03, P = 4.505675 Days, E = 128.578597 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
315.3	13.6	0	0	4.23	0.72	29.2	315.3	315.3	13.6	13.6	3.99	0.93	0.00	325.6



Stellar Parameters For KIC 011250867

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	6116^{+164}_{-182}	$4.431^{+0.105}_{-0.180}$	$-0.560^{+0.300}_{-0.300}$	$0.951^{+0.248}_{-0.134}$	$0.888^{+0.109}_{-0.079}$	$1.456^{+0.734}_{-0.700}$
	+3%/-3%	+2%/-4%	+54%/-54%	+26%/-14%	+12%/-9%	+50%/-48%
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 011250867-03 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	0 ± 1000000	$14.44^{+10.37}_{-8.91}$	1639^{+108}_{-89}	3797^{+8812}_{-14755}	14^{+1178}_{-865}
Alt.	-89 ± 7	$9.96^{+8.84}_{-6.50}$	1637^{+113}_{-85}	2628^{+1089}_{-699}	$1.333^{+9.979}_{-0.962}$

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 $A_{\text{obs}} \gg 1.0$

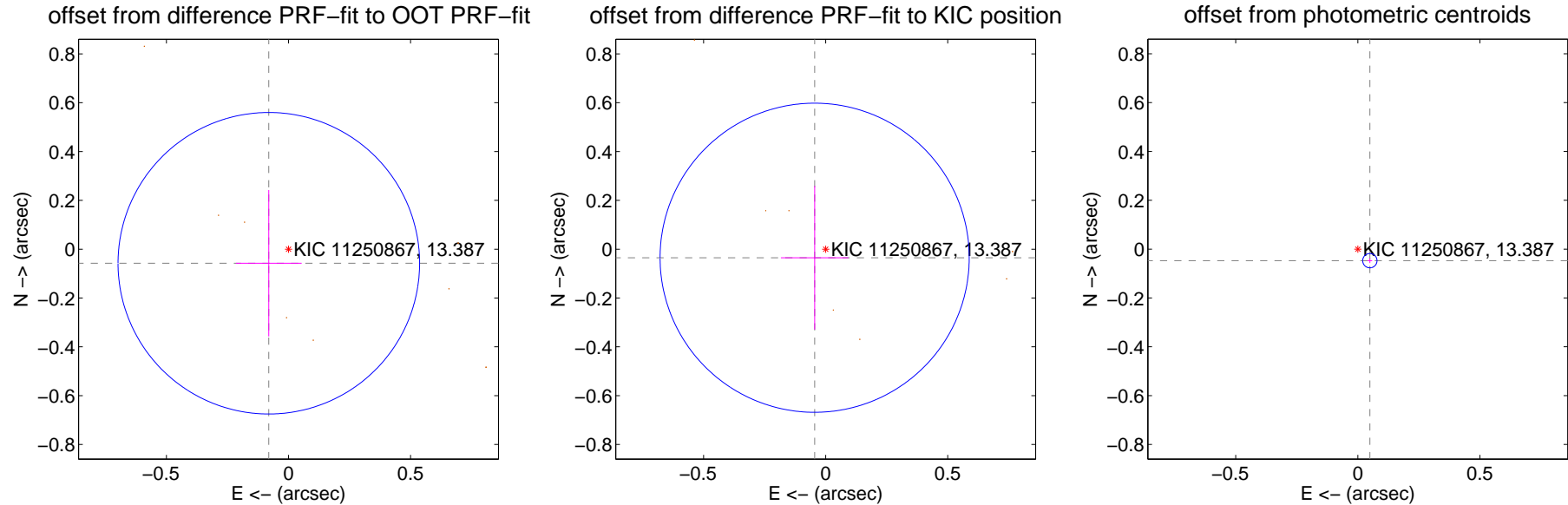
DV Centroid Data

Supplemental centroid analysis for 011250867-03. Kepler magnitude: 13.39. Transit SNR -1.00

There are 0 quarters with good PRF difference image offsets

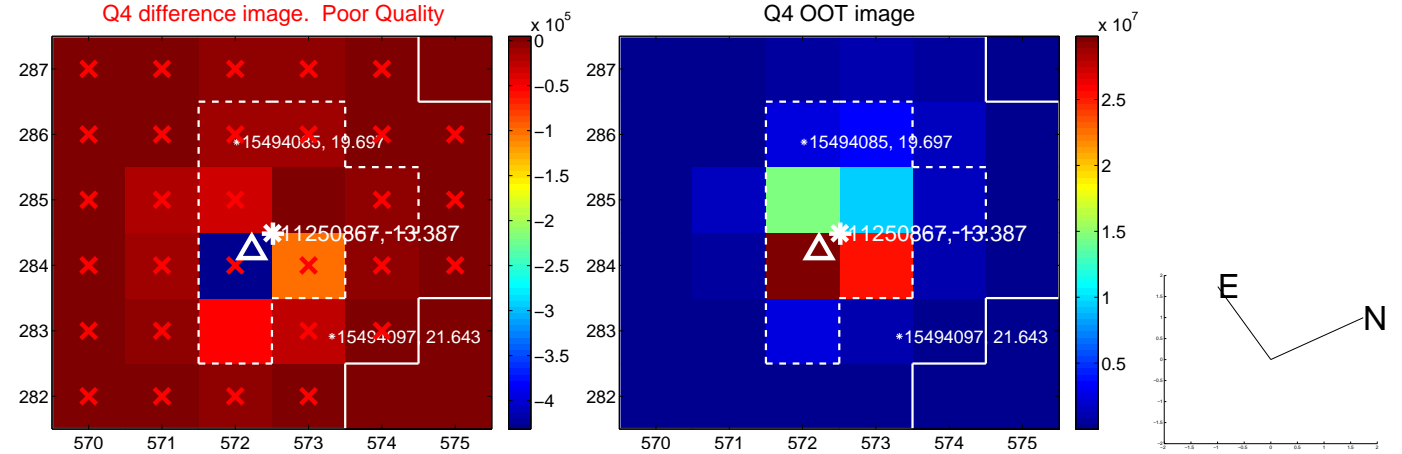
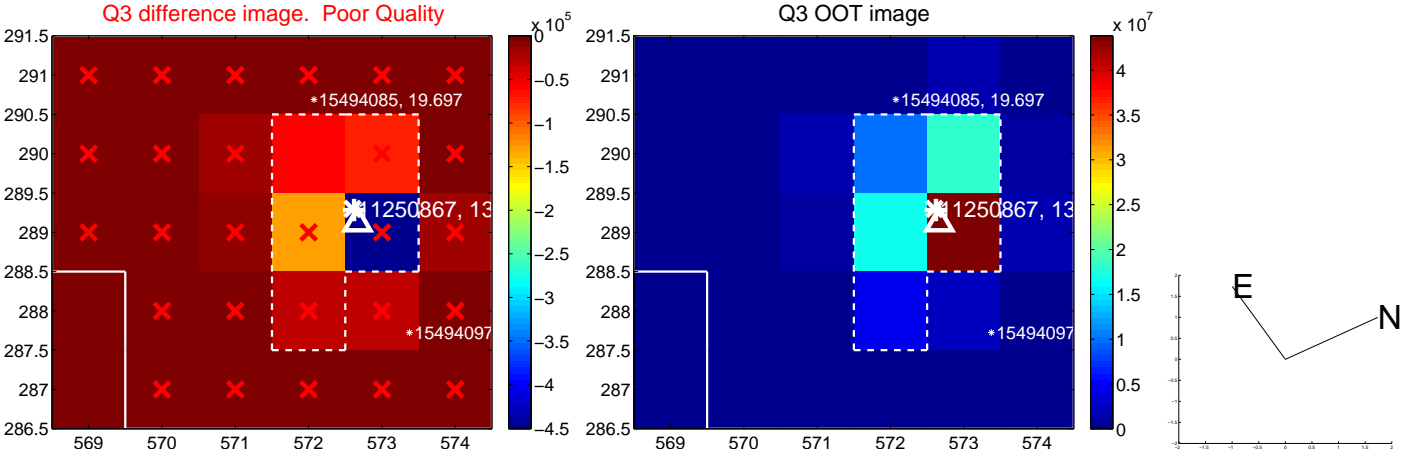
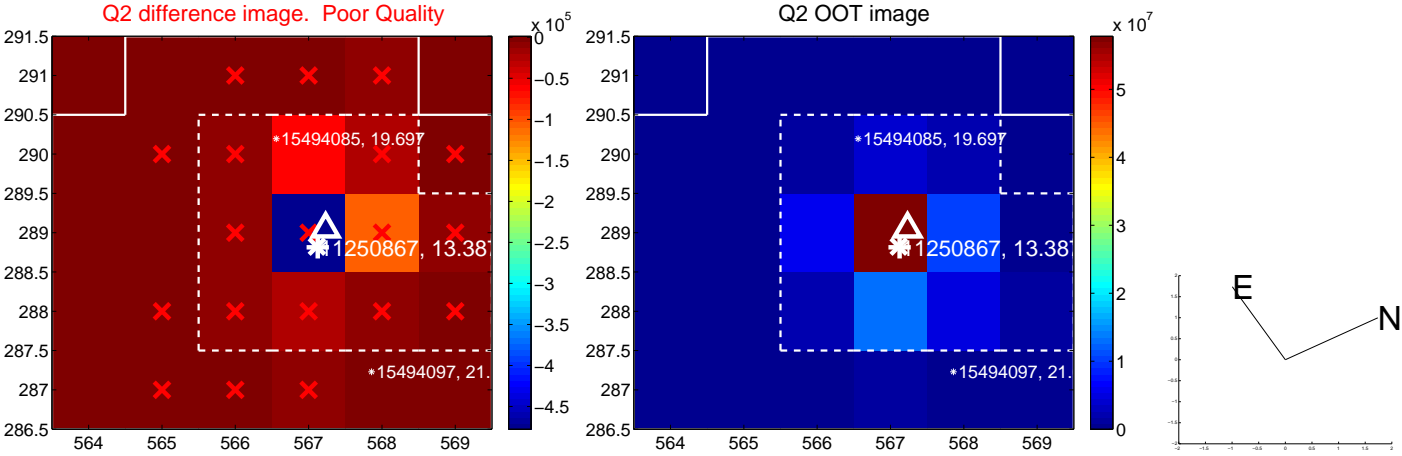
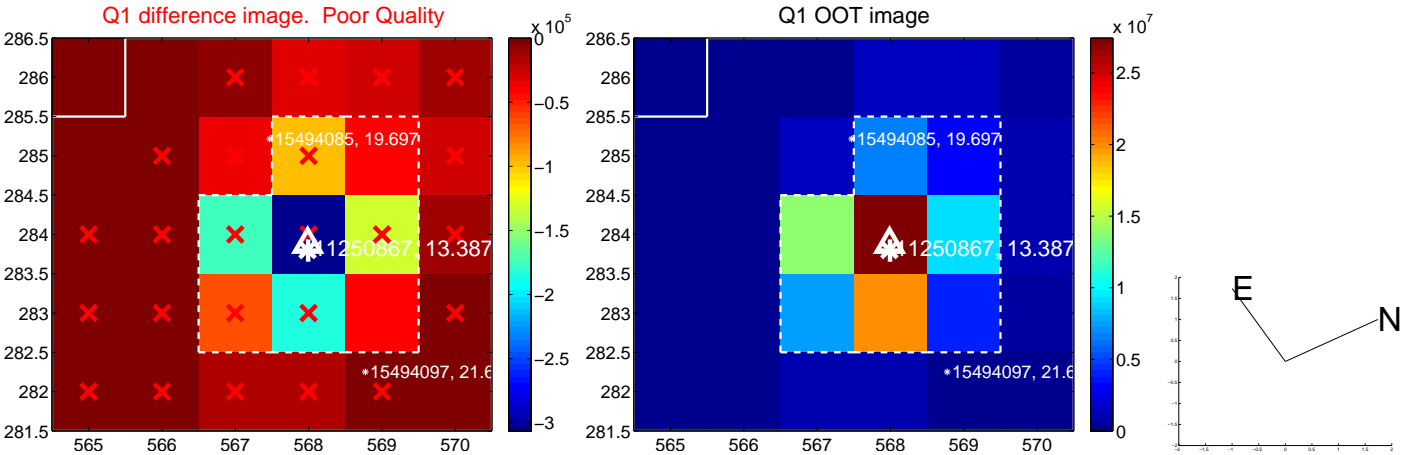
The direct PRF centroid is offset from the target star catalog position by about 0.04 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	0.099 ± 0.206	0.48	0.081 ± 0.135	-0.058 ± 0.300
PRF-fit source offset from KIC position	0.057 ± 0.211	0.27	0.045 ± 0.138	-0.035 ± 0.294
photometric centroid source offset	0.07 ± 0.01	6.99	-0.05 ± 0.01	-0.05 ± 0.01

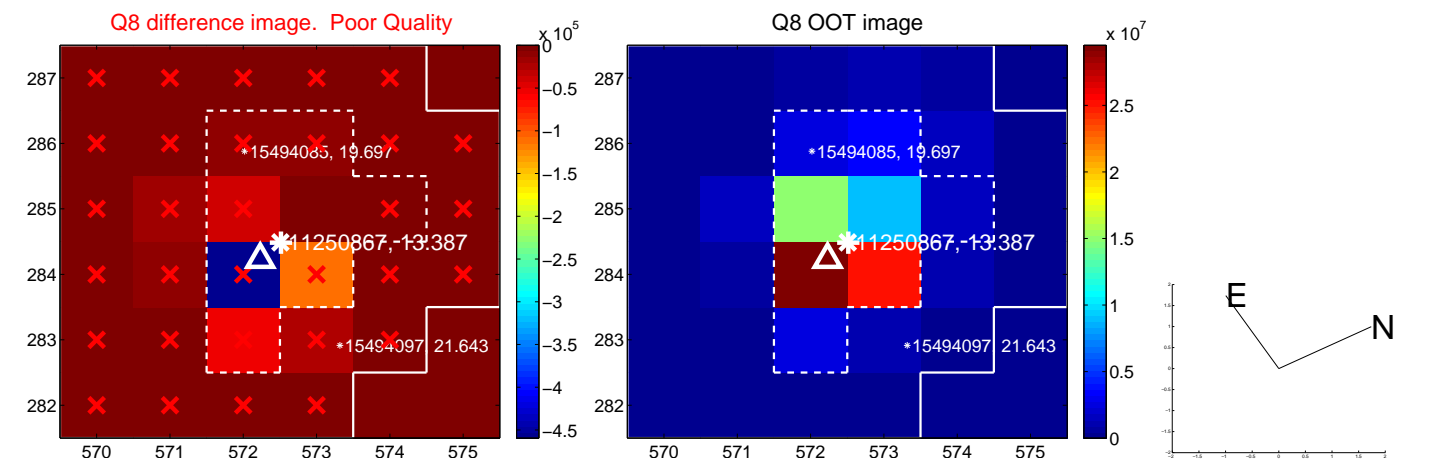
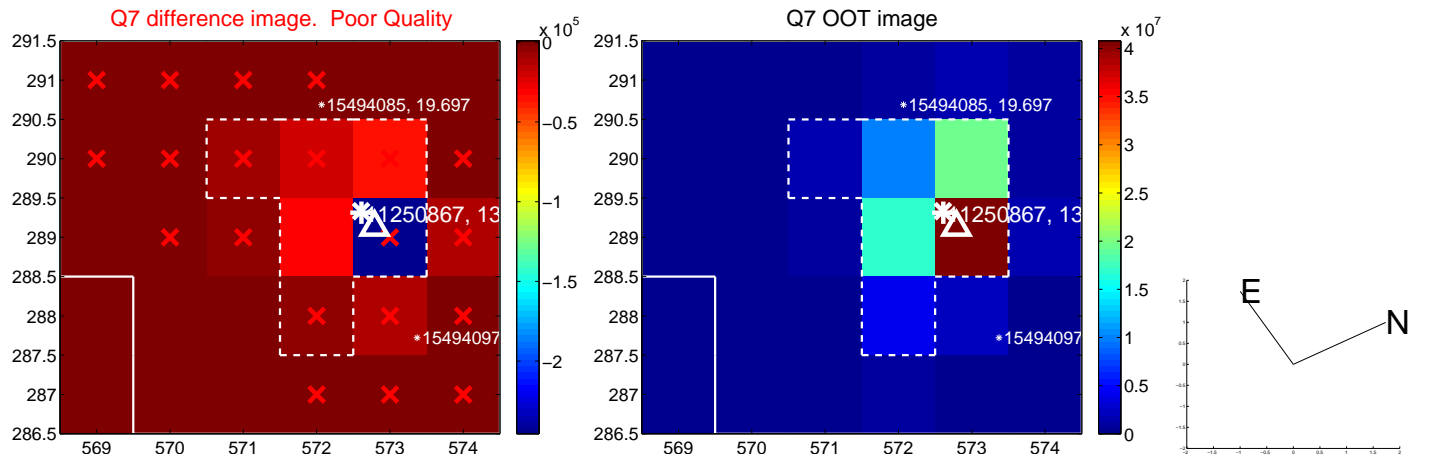
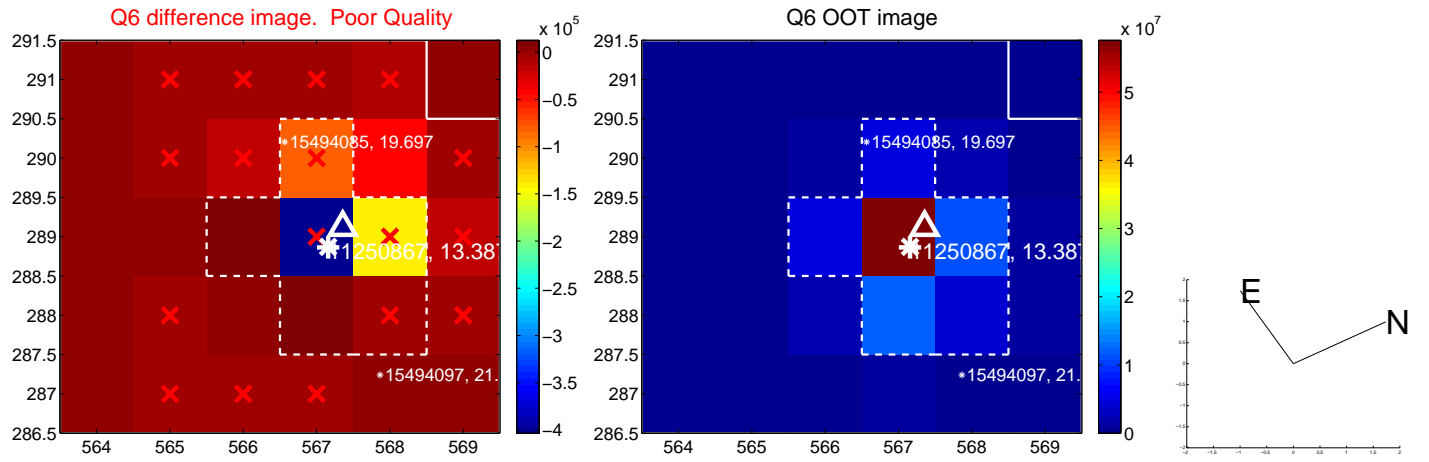
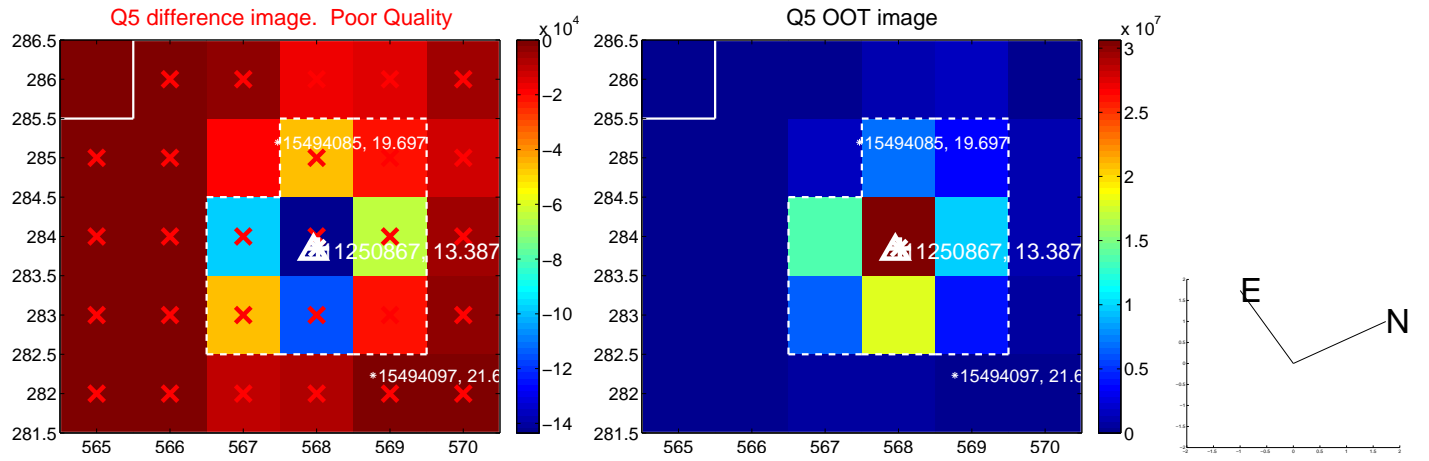


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets; magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three- σ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

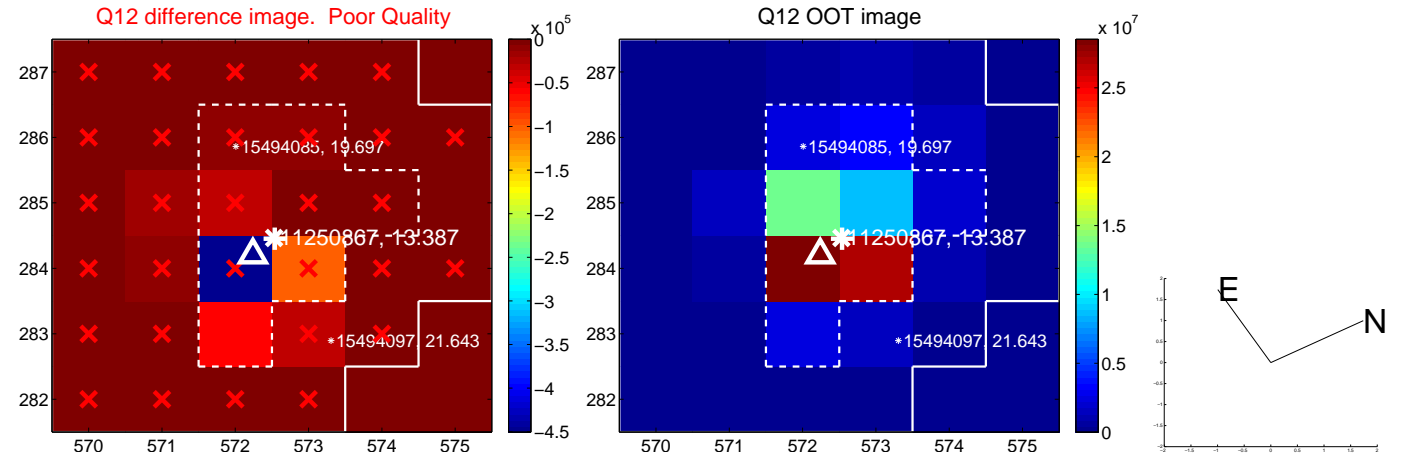
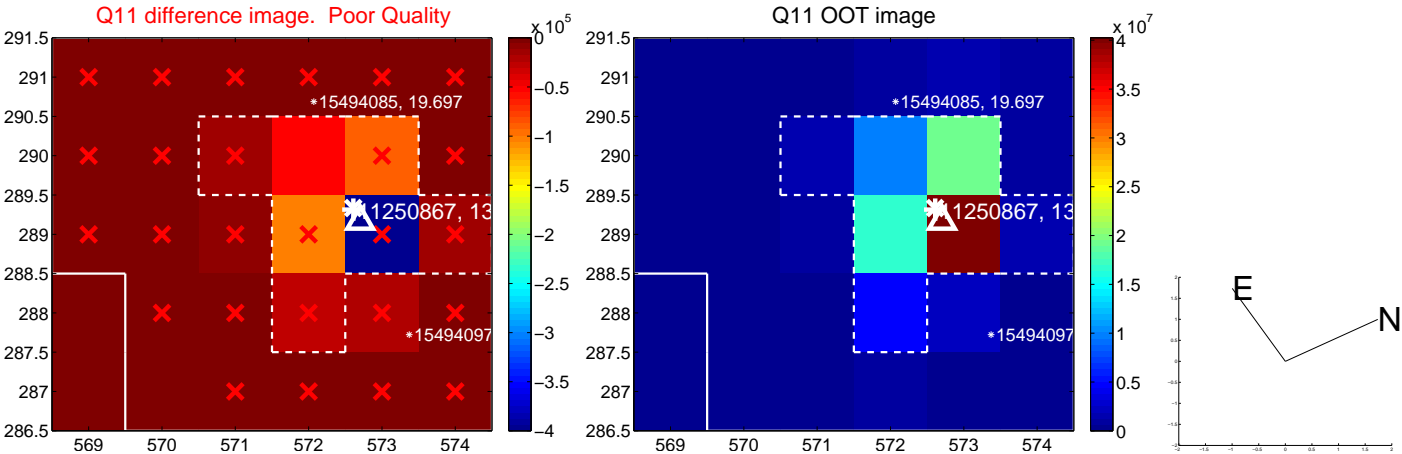
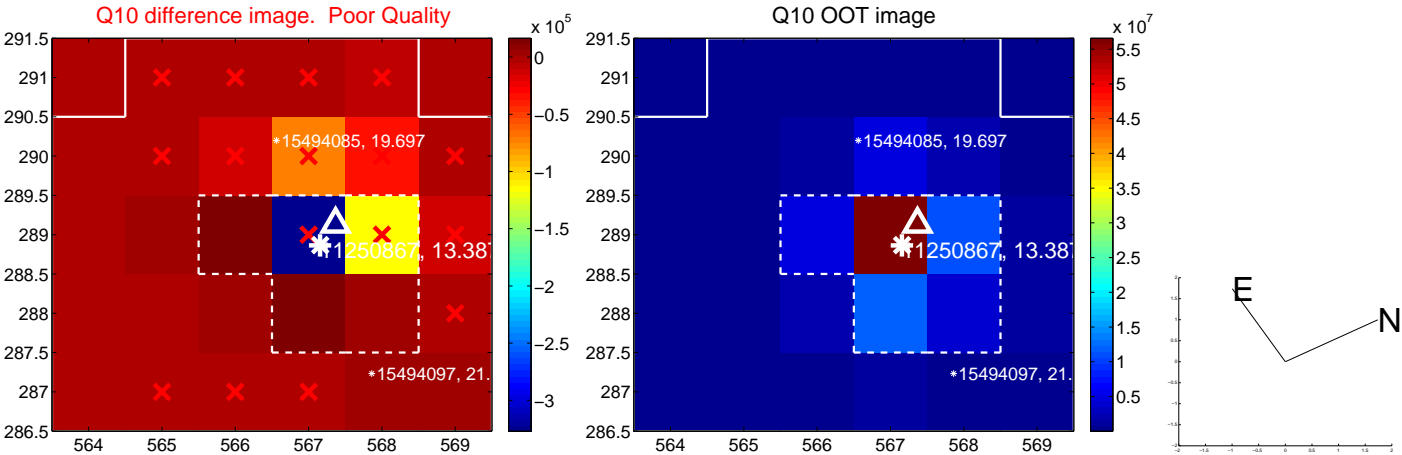
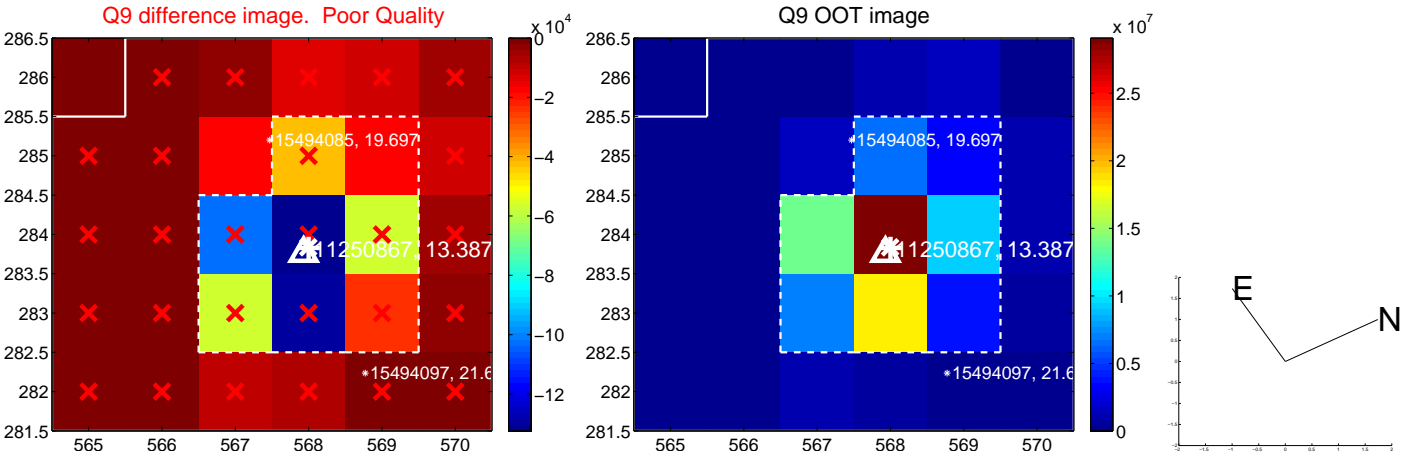
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



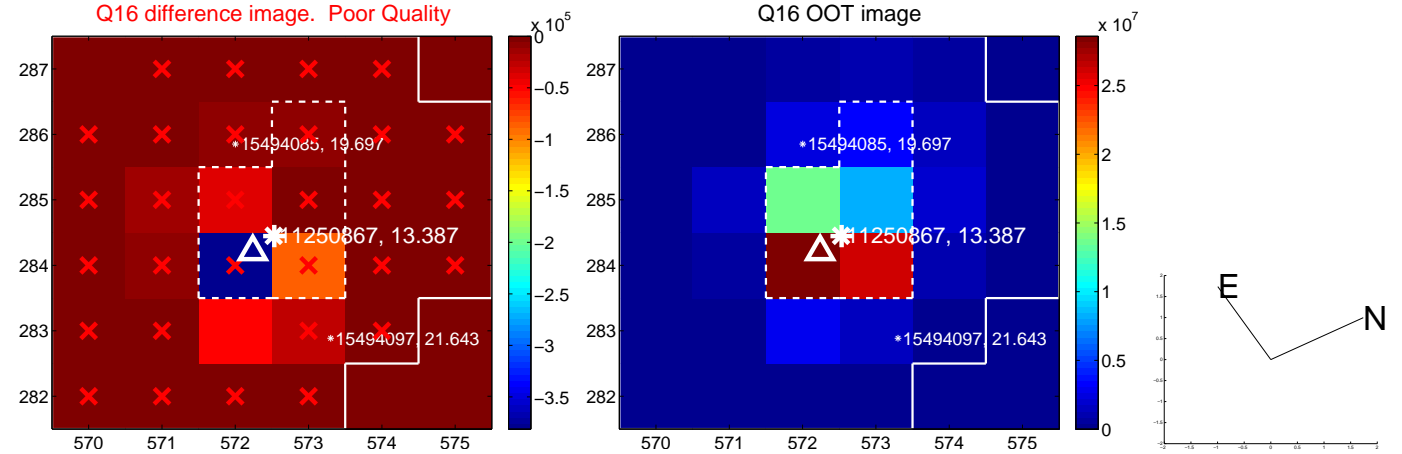
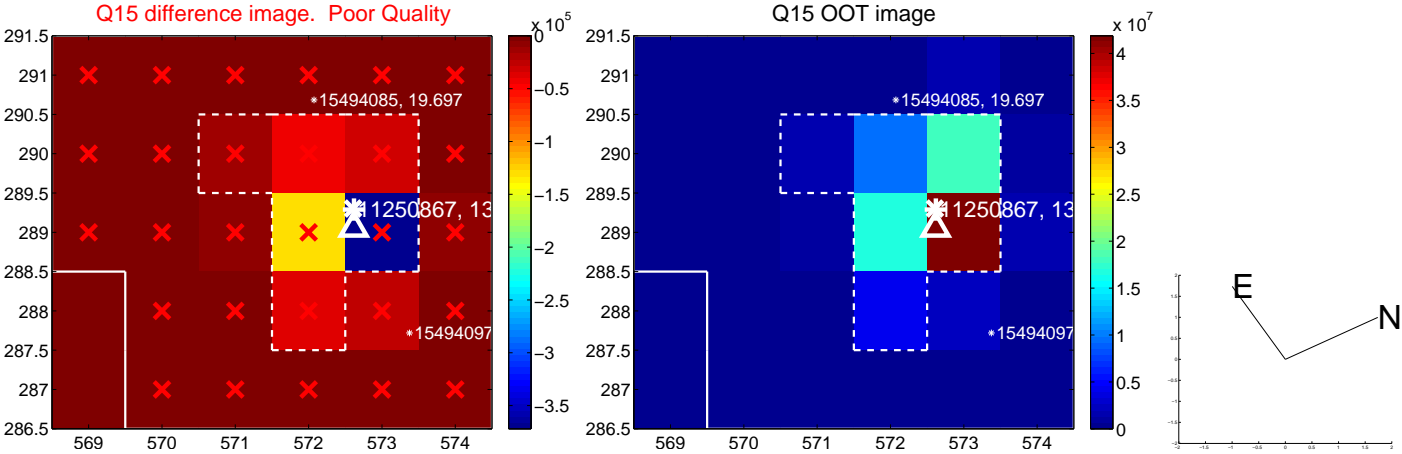
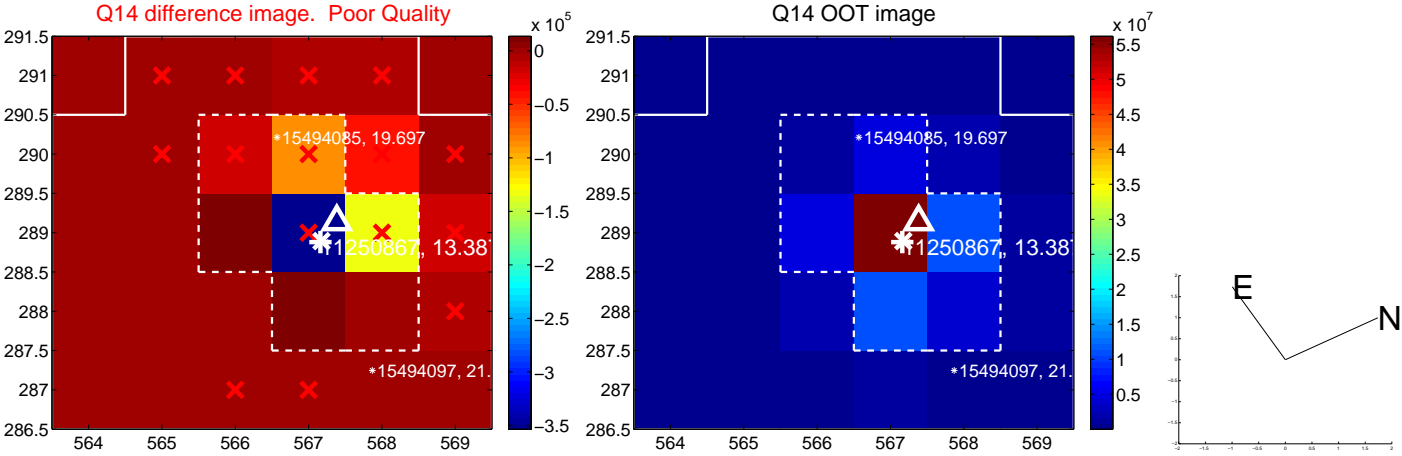
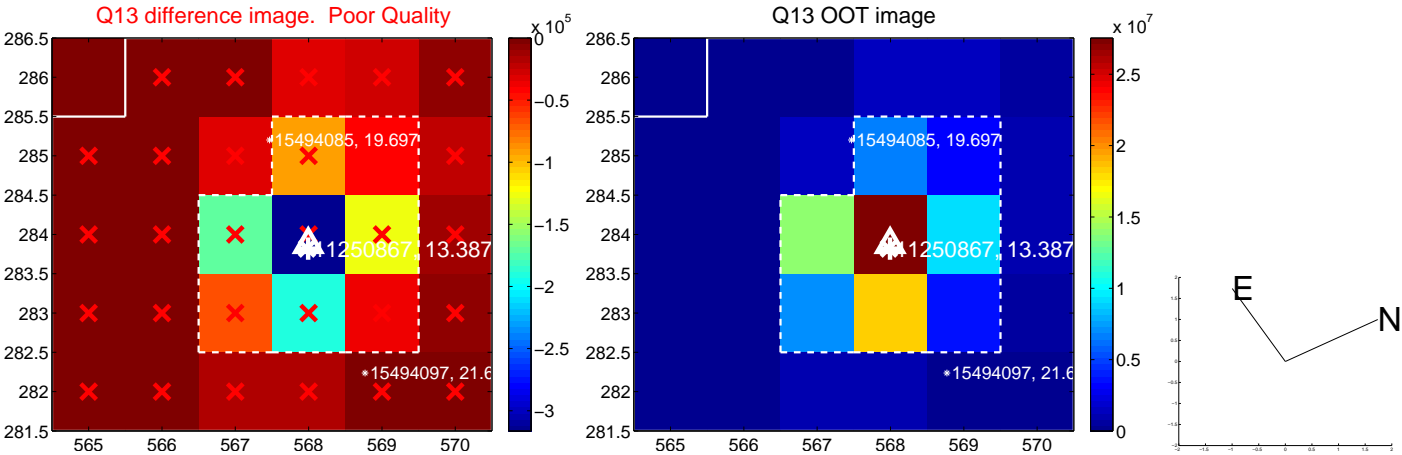
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



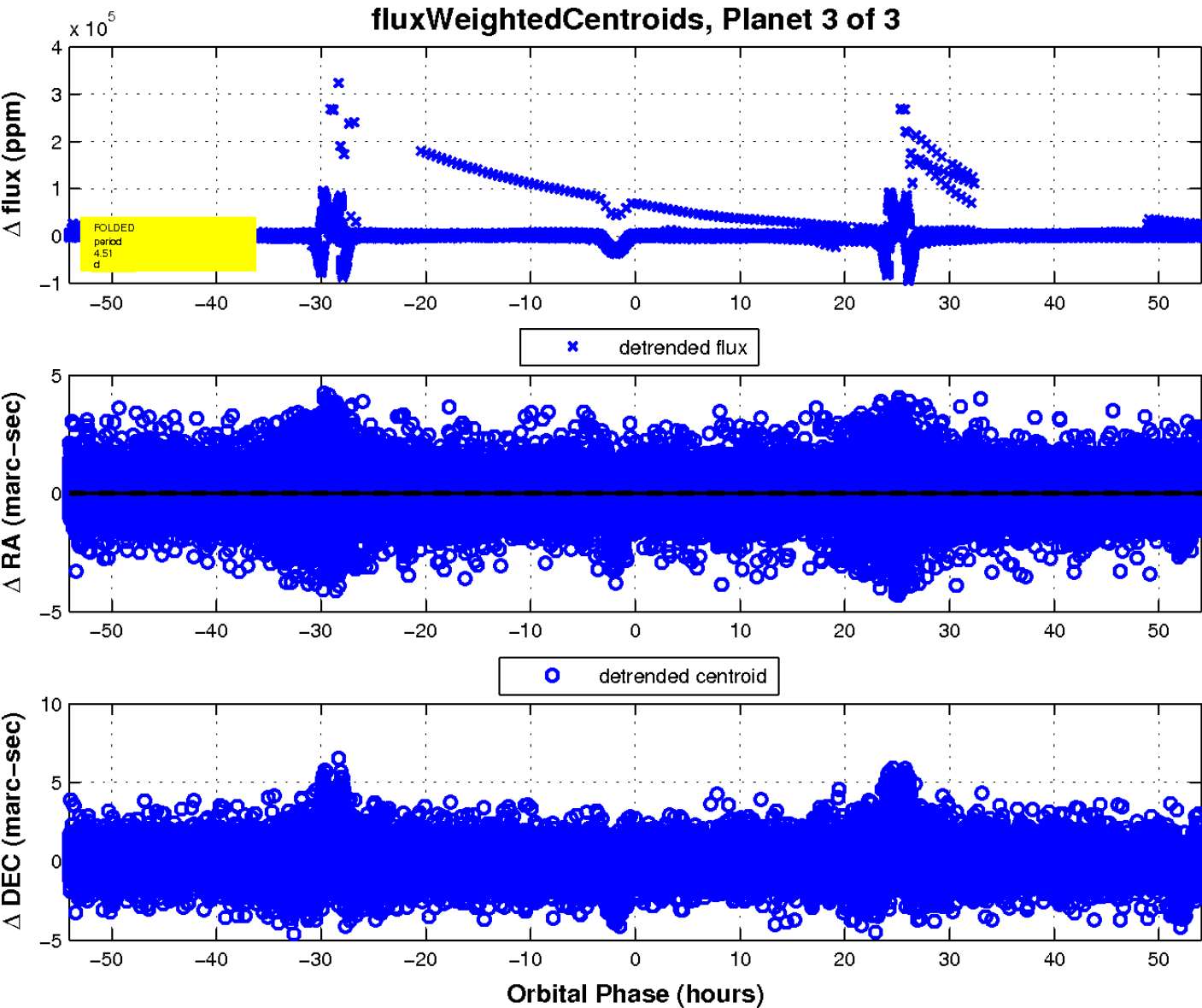
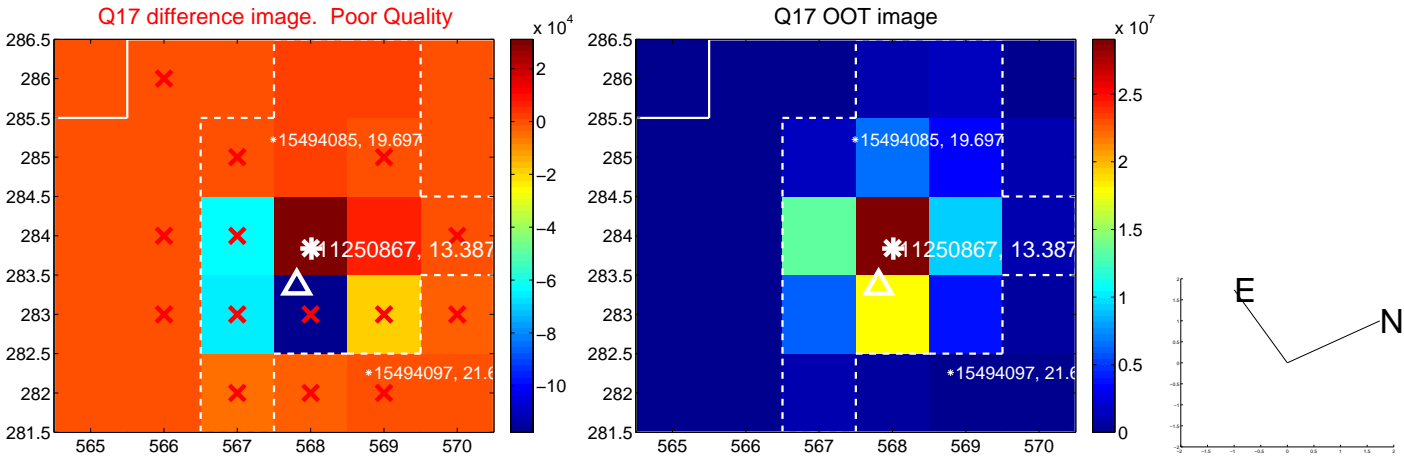
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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

