

KIC 011285767

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})
011285767-01	OBS	No	0.714849	132.040076	81.9	2.516	11.4	7.4	3.38	7684	3.59	92131.30
011285767-02	OBS	No	0.714852	131.559851	101.5	1.402	10.1	7.5	3.38	7684	3.66	92130.72
011285767-03	OBS	No	0.714839	131.802306	85.1	2.518	8.9	7.5	3.38	7684	3.40	92133.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011285767-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT—MOD_TER_ALT—CENT_SATURATED
011285767-02	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED
011285767-03	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED

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

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

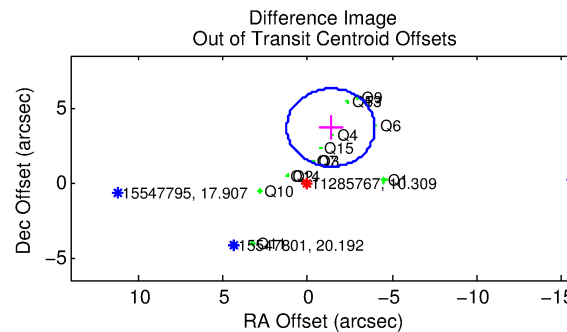
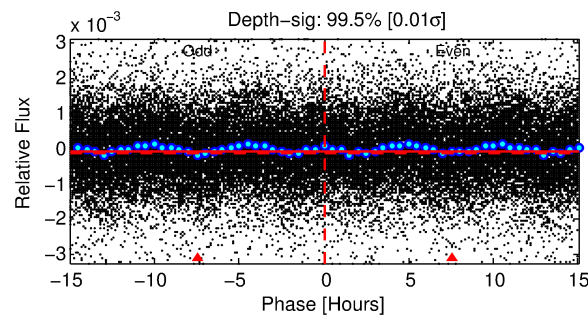
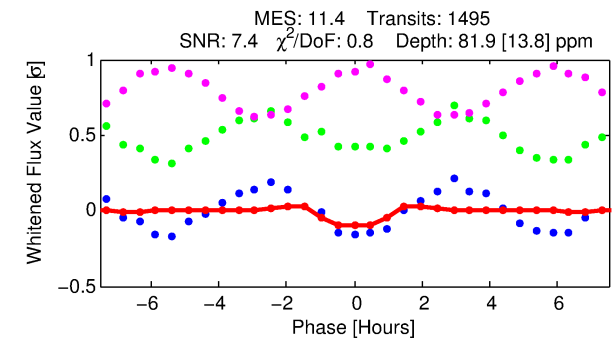
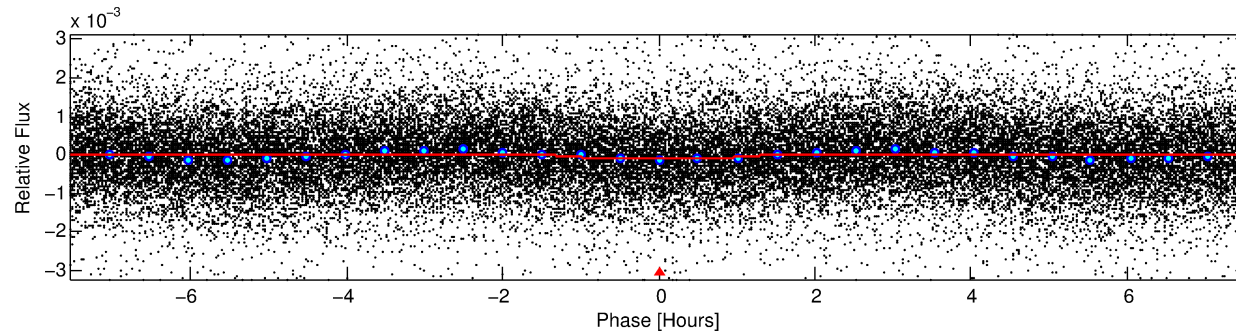
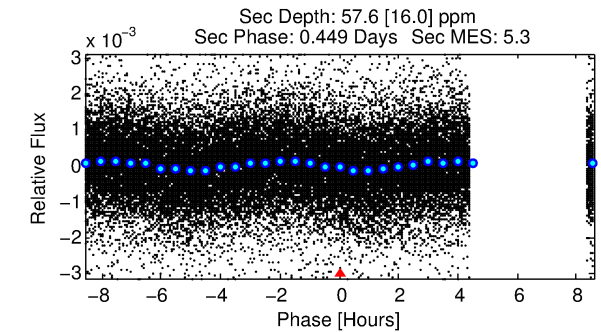
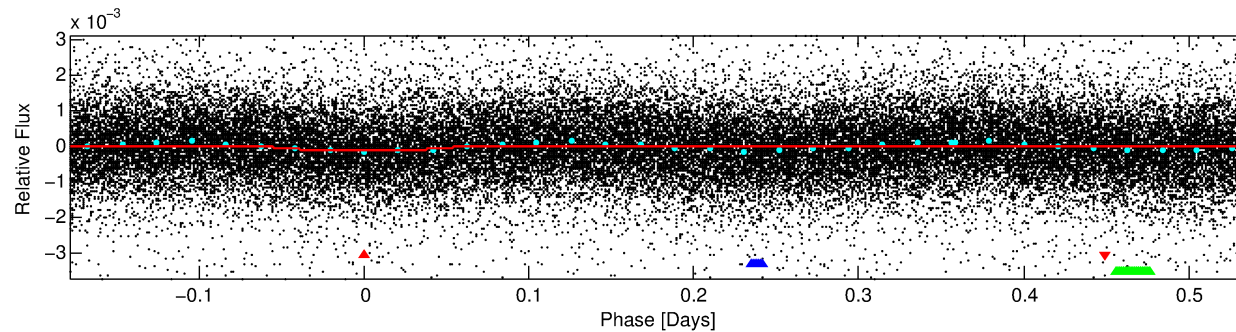
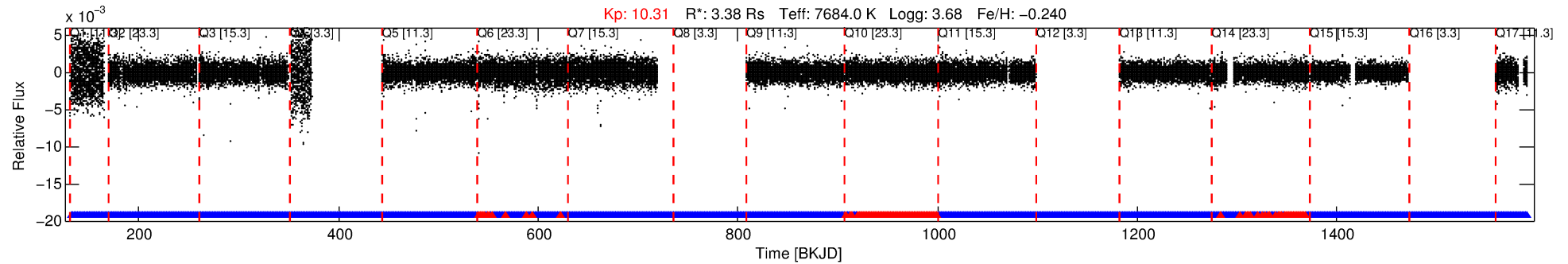
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 011285767-01

No Significant Match Found

DV One-Page Summary

KIC: 11285767 Candidate: 1 of 3 Period: 0.715 d



DV Fit Results:

Period = 0.71485 [0.00001] d
Epoch = 132.0401 [0.0036] BKJD
Rp/R* = 0.0097 [0.0070]
a/R* = 1.37 [2.57]
b = 0.90 [0.87]
Seff = 92131.30 [77293.09]
Teq = 4443 [932] K
Rp = 3.59 [3.18] Re
a = 0.0197 [0.0100] AU
Ag = 0.95 [1.60] [-0.03σ]
Teffp = 6786 [2499] K [0.88σ]

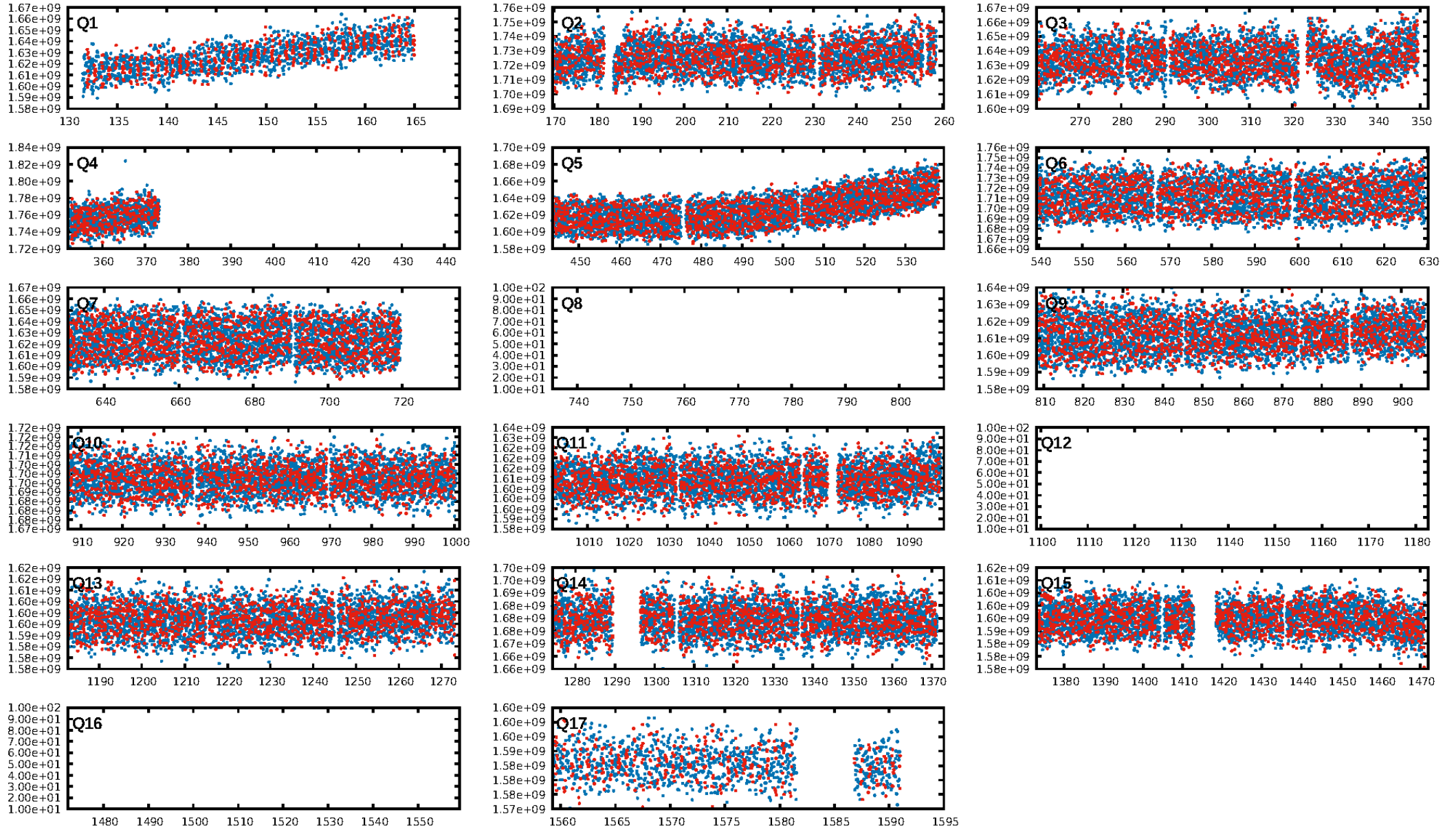
DV Diagnostic Results:

ShortPeriod-sig: 0.0% [0.00σ]
LongPeriod-sig: 0.0% [0.00σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 0.88 [1221/1382]
GhostDiagnostic-chr: 1.293
Centroid-sig: 0.0%
Centroid-so: 0.966 arcsec [3.91σ]
OotOffset-rm: 3.921 arcsec [4.52σ]
KicOffset-rm: 4.121 arcsec [5.89σ]
OotOffset-st: 4/4/1/4 [13]
KicOffset-st: 4/4/1/4 [13]
DiffImageQuality-fgm: 0.15 [2/13]
DiffImageOverlap-fno: 0.00 [0/14]

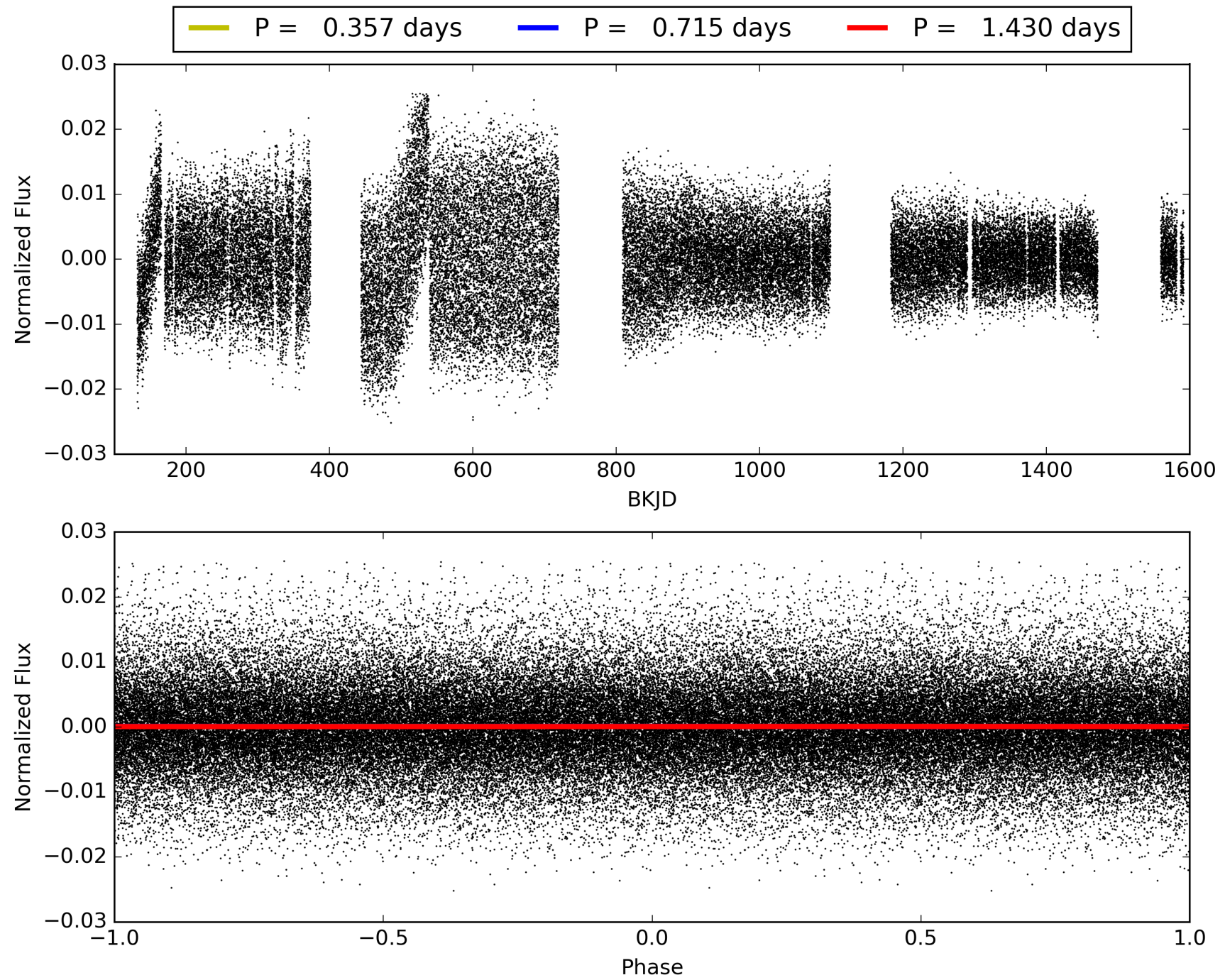
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 29-Jan-2016 19:43:26 Z

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

TCE 011285767-01, PDC Light Curves

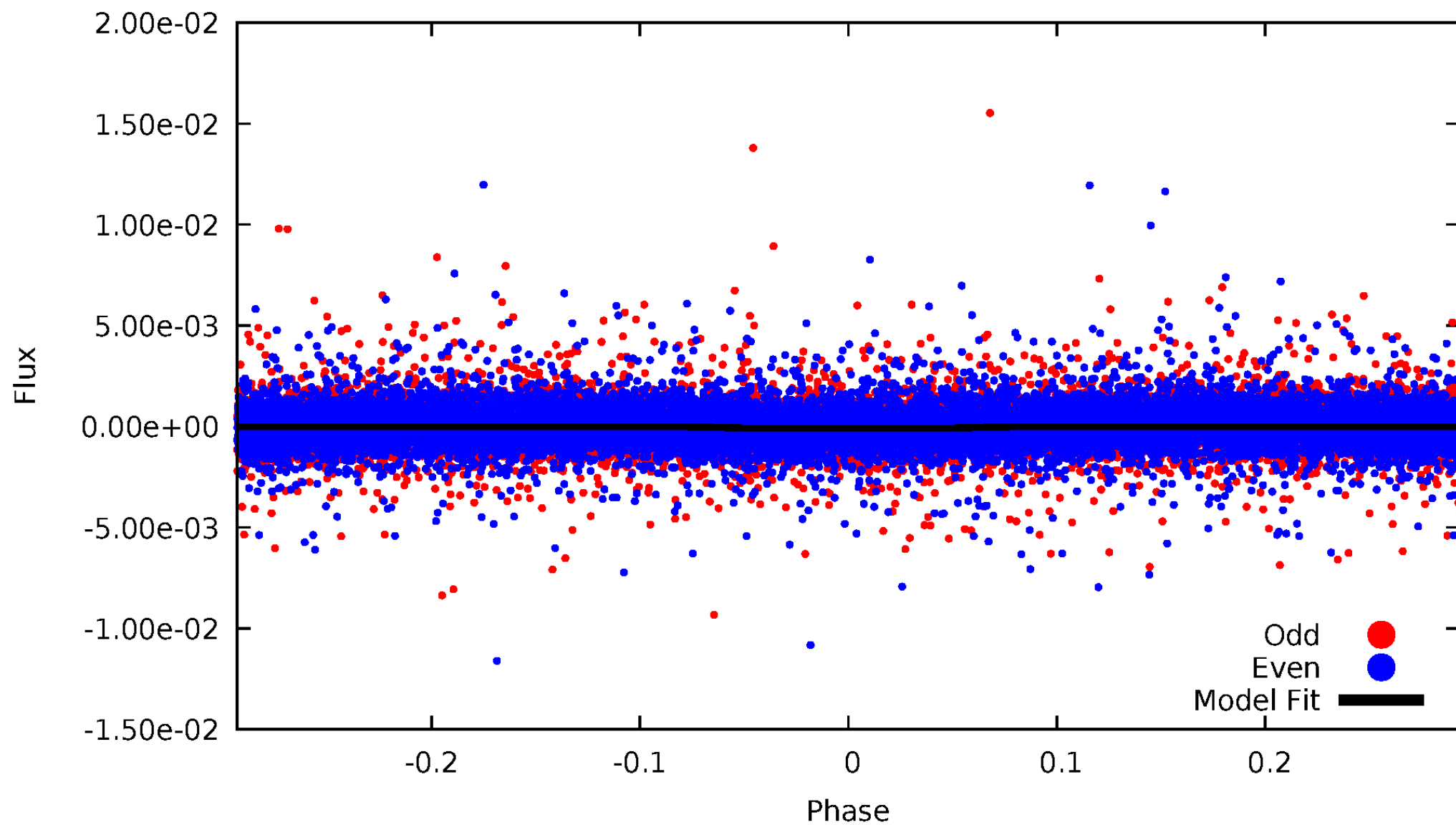


TCE 011285767-01



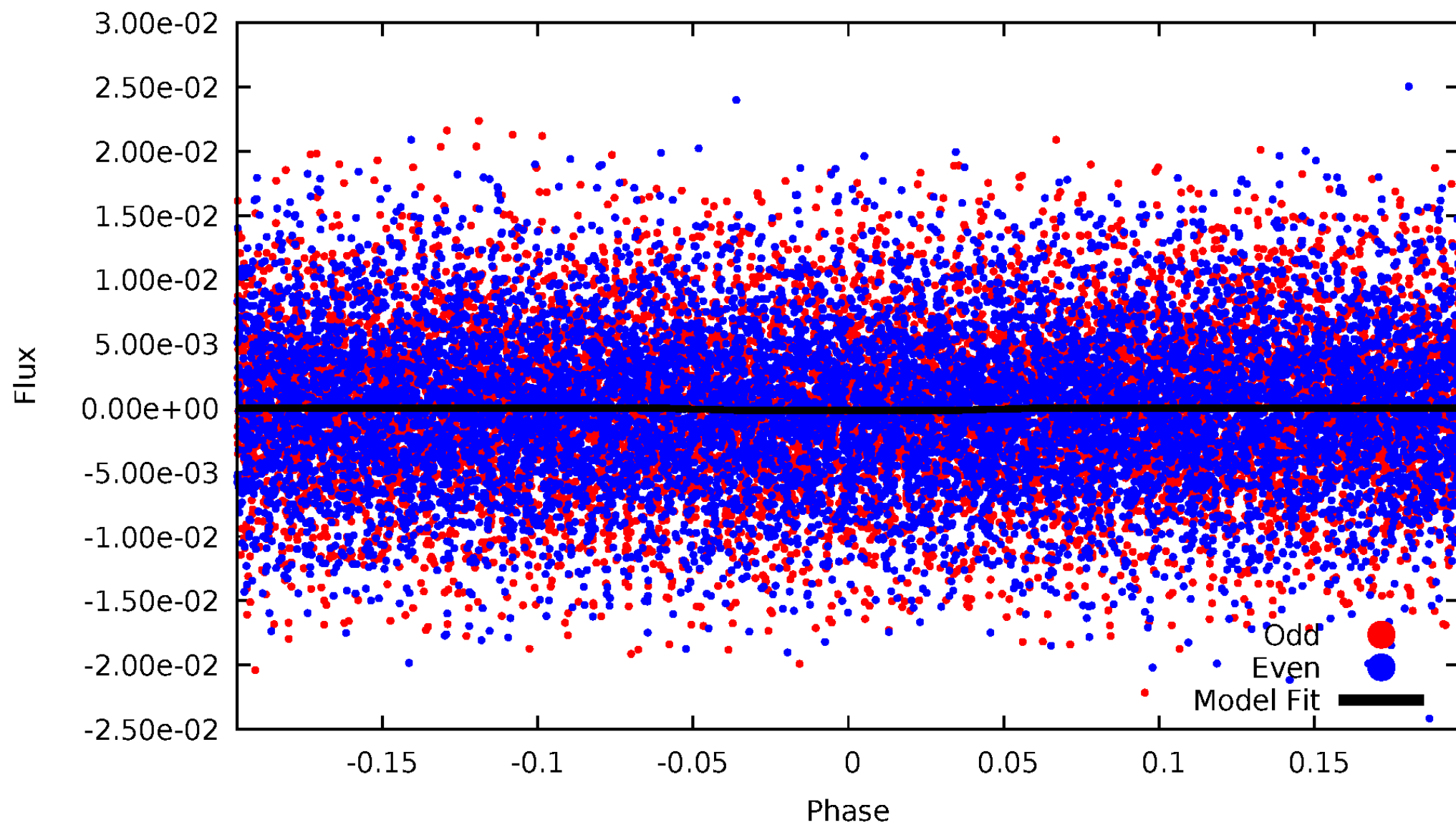
DV Odd/Even

TCE 011285767-01



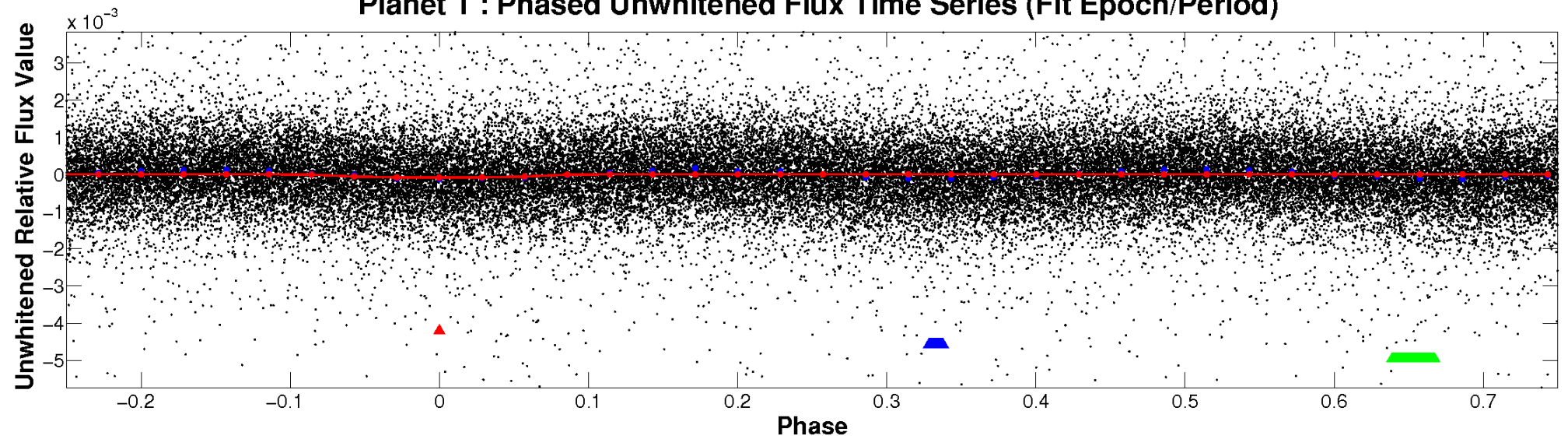
ALT Odd/Even

TCE 011285767-01

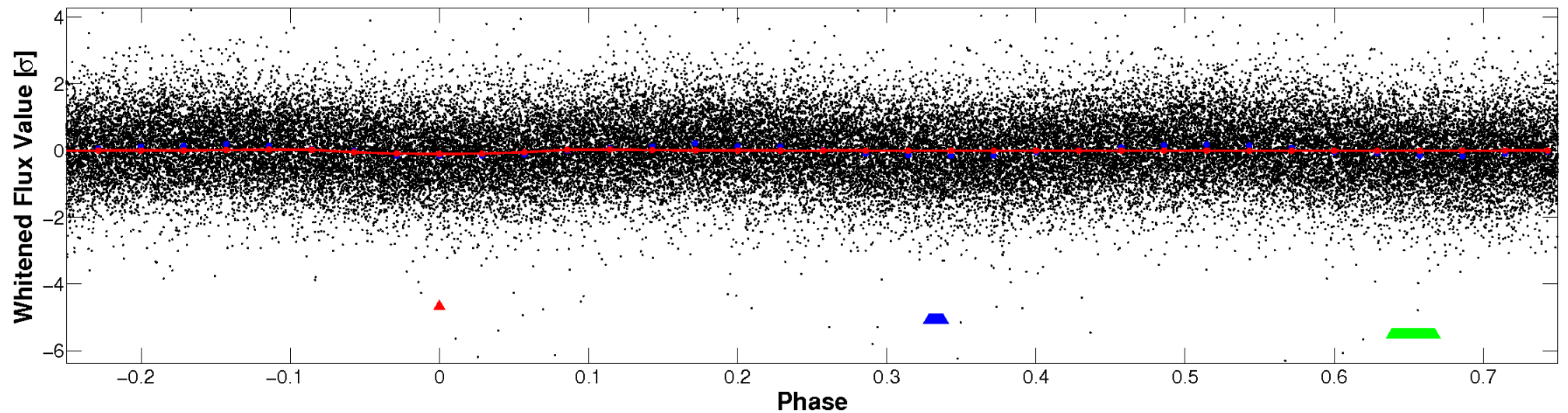


Non-Whitened Vs. Whitened Light Curve

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

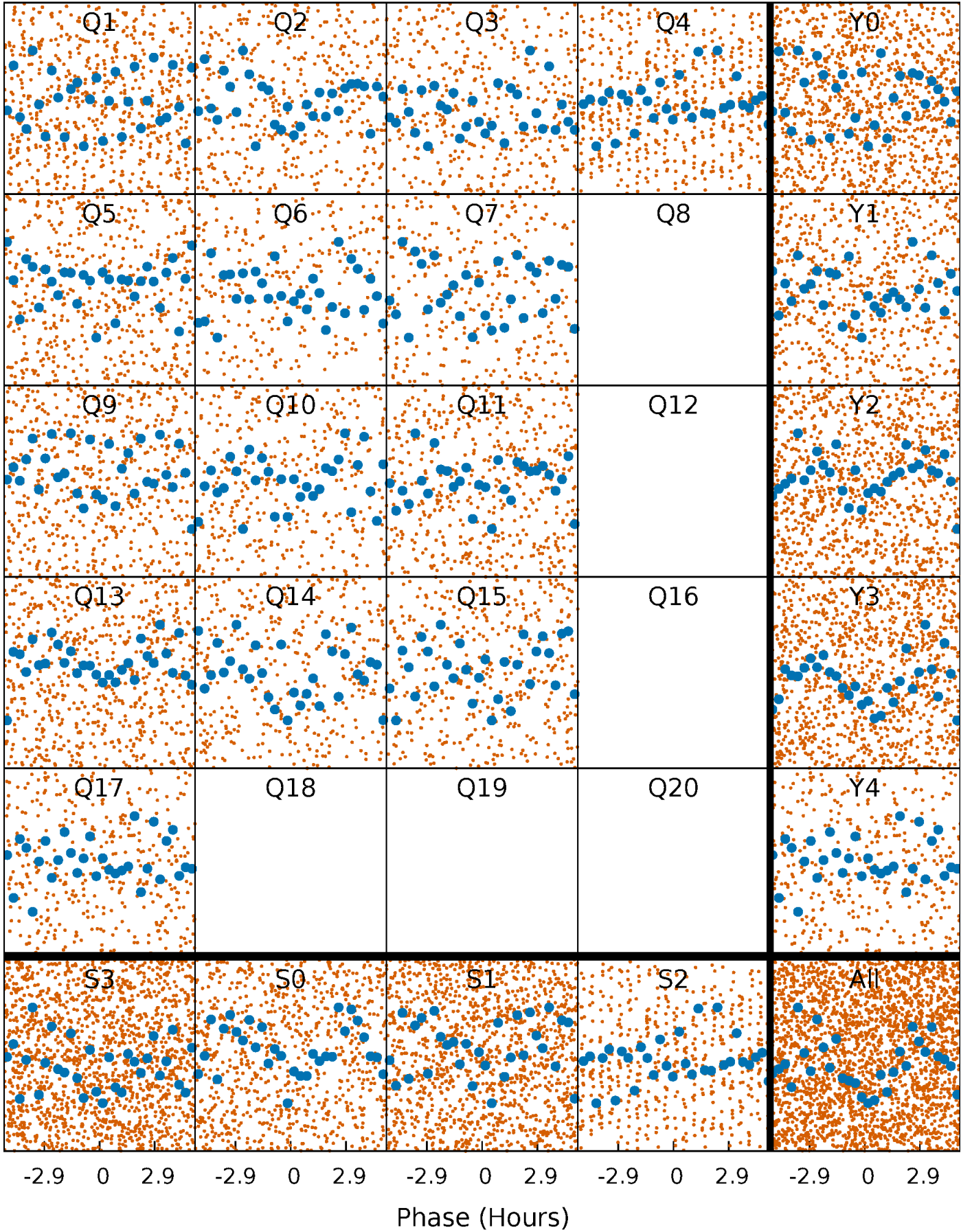


Planet 1 : Phased Whitened Flux Time Series (Fit Epoch/Period)



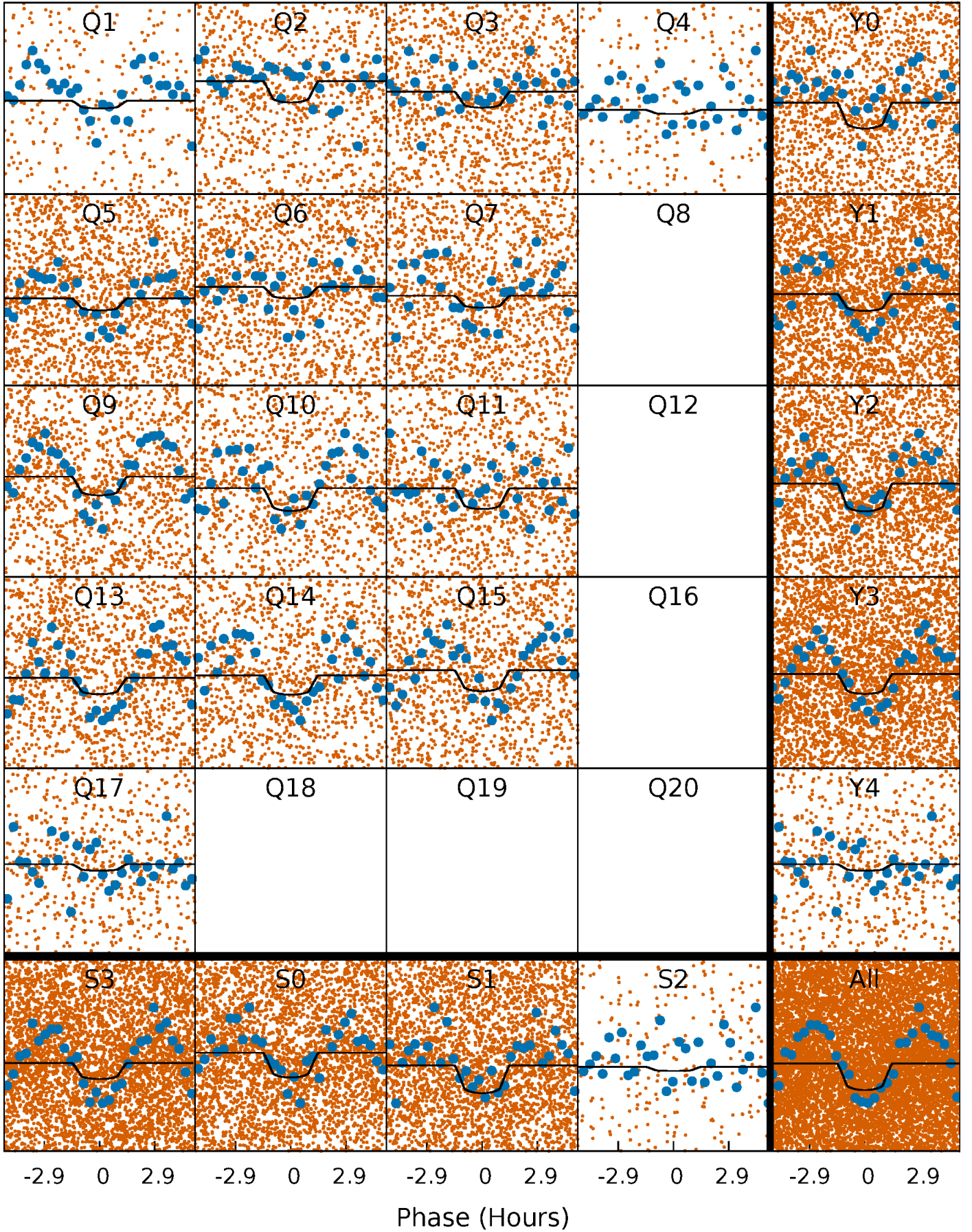
PDC Quarter-Phased Transit Curves

TCE 011285767-01 P= 0.714849 Days $T_0=132.040076$ (BKJD)



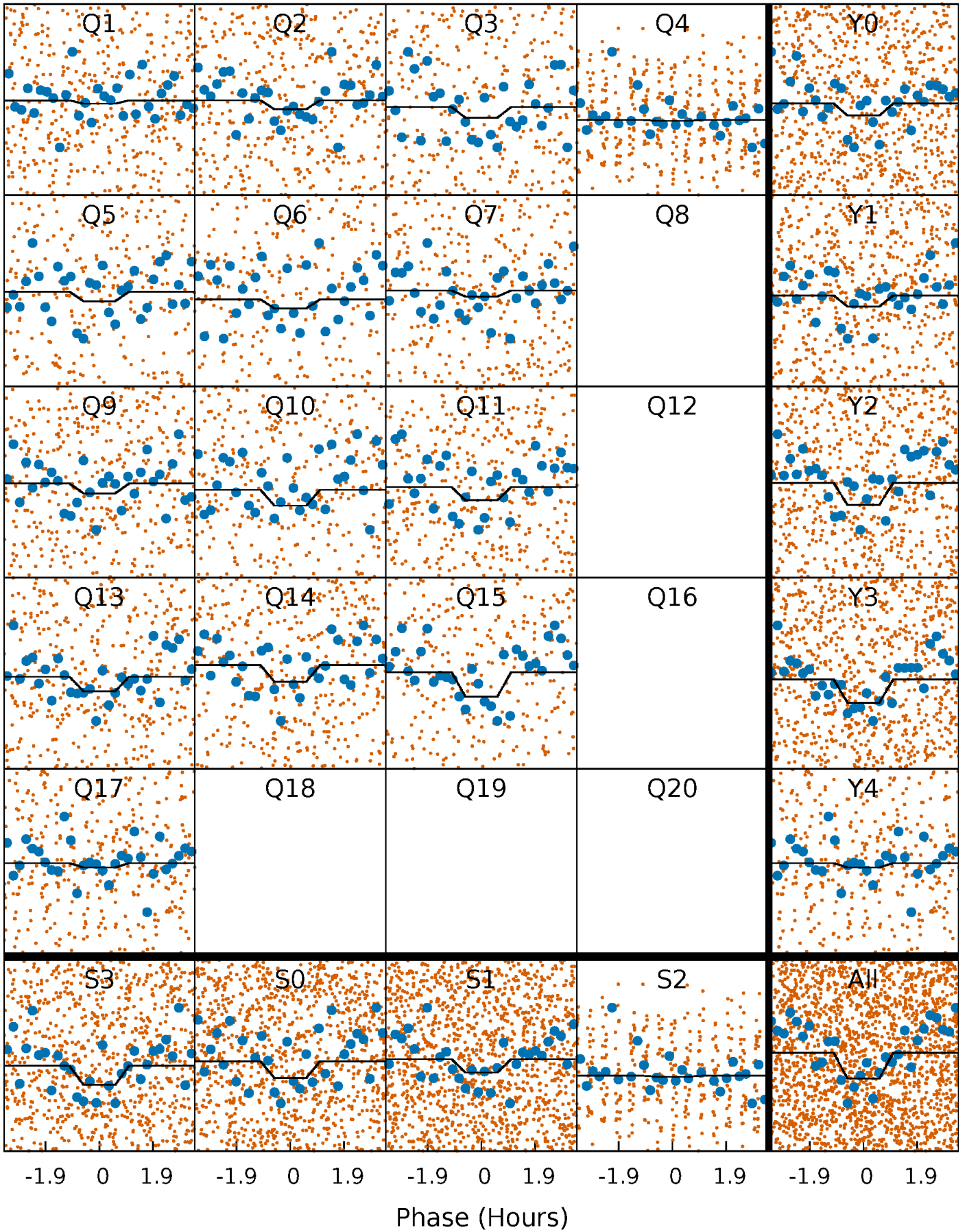
DV Quarter-Phased Transit Curves

TCE 011285767-01 P= 0.714849 Days $T_0=132.040076$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

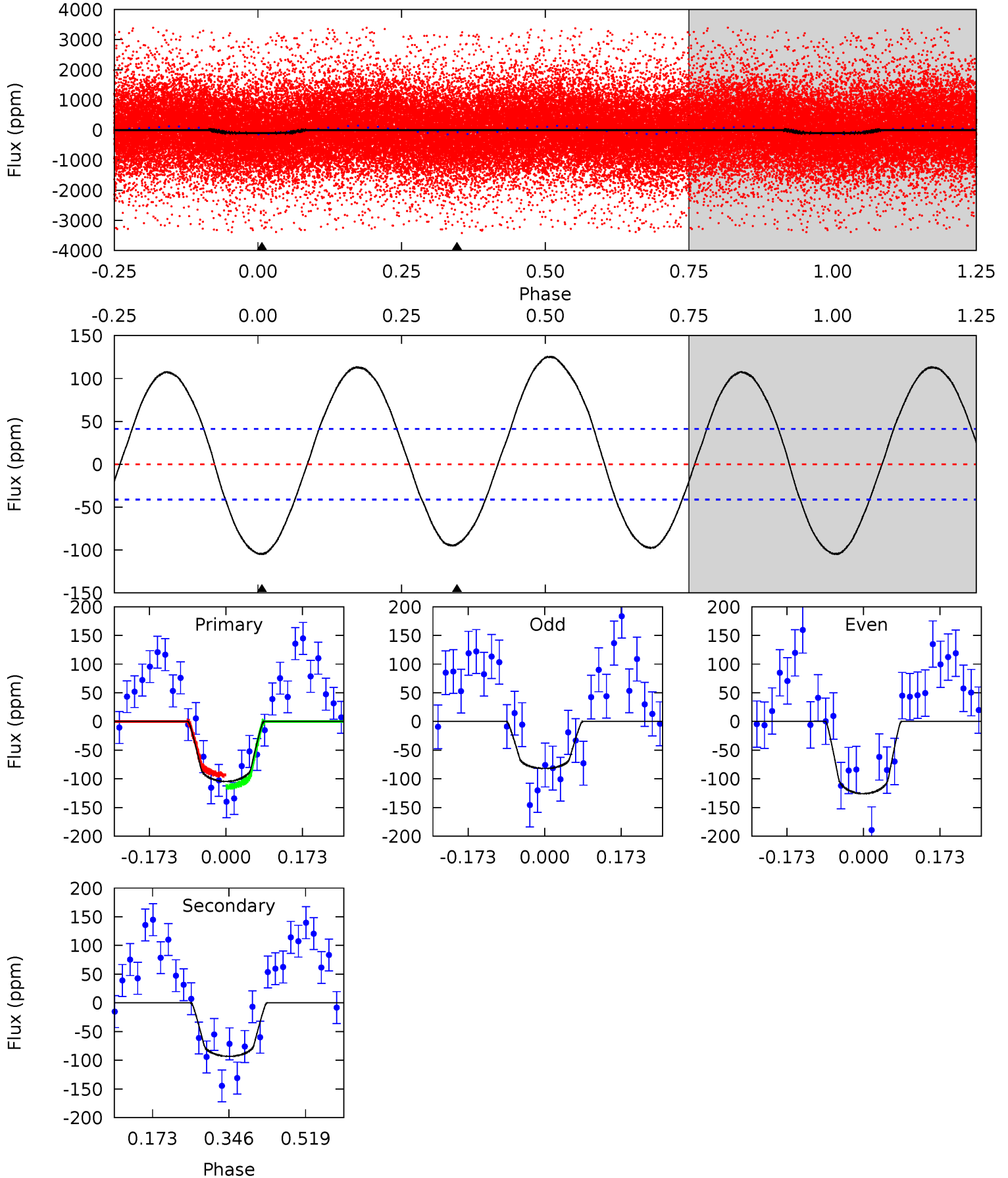
TCE 011285767-01 P= 0.714862 Days $T_0=132.038661$ (BKJD)



DV Model-Shift Uniqueness Test

011285767-01, P = 0.714849 Days, E = 131.325227 Days

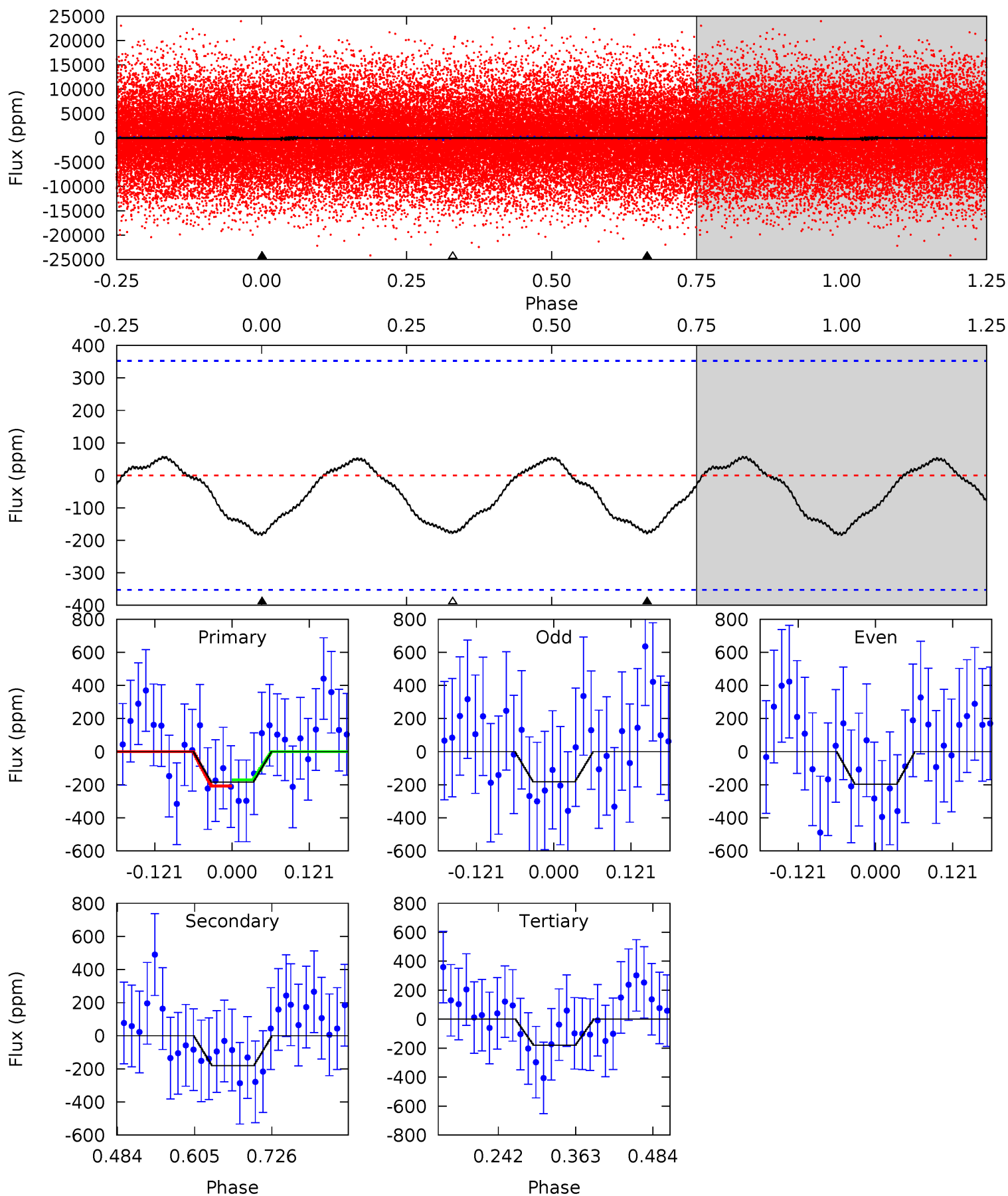
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
11.3	10.1	0	0	4.45	1.36	7.98	11.3	11.3	10.1	10.1	2.40	1.03	0.54	1.15



Alt Model-Shift Uniqueness Test

011285767-01, P = 0.714862 Days, E = 131.323799 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
2.37	2.32	2.30	0	4.52	1.55	0.98	0.06	2.37	0.02	2.32	0.09	1.23	0.24	0.24



Stellar Parameters For KIC 011285767

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	7684^{+239}_{-319}	$3.679^{+0.486}_{-0.081}$	$-0.240^{+0.250}_{-0.300}$	$3.382^{+0.413}_{-1.755}$	$1.990^{+0.071}_{-0.531}$	$0.072^{+0.382}_{-0.019}$
	+3%/-4%	+13%/-2%	+104%/-125%	+12%/-52%	+4%/-27%	+527%/-26%
Source	KIC0	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 011285767-01 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	-93 ± 9	$3.36^{+2.69}_{-1.91}$	6041^{+383}_{-802}	6805^{+5646}_{-2122}	$1.659^{+7.522}_{-1.131}$
Alt.	-181 ± 78	$4.28^{+2.72}_{-2.29}$	5997^{+424}_{-817}	7078^{+4957}_{-2135}	$1.885^{+6.666}_{-1.267}$

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 $A_{obs} \gg 1.0$

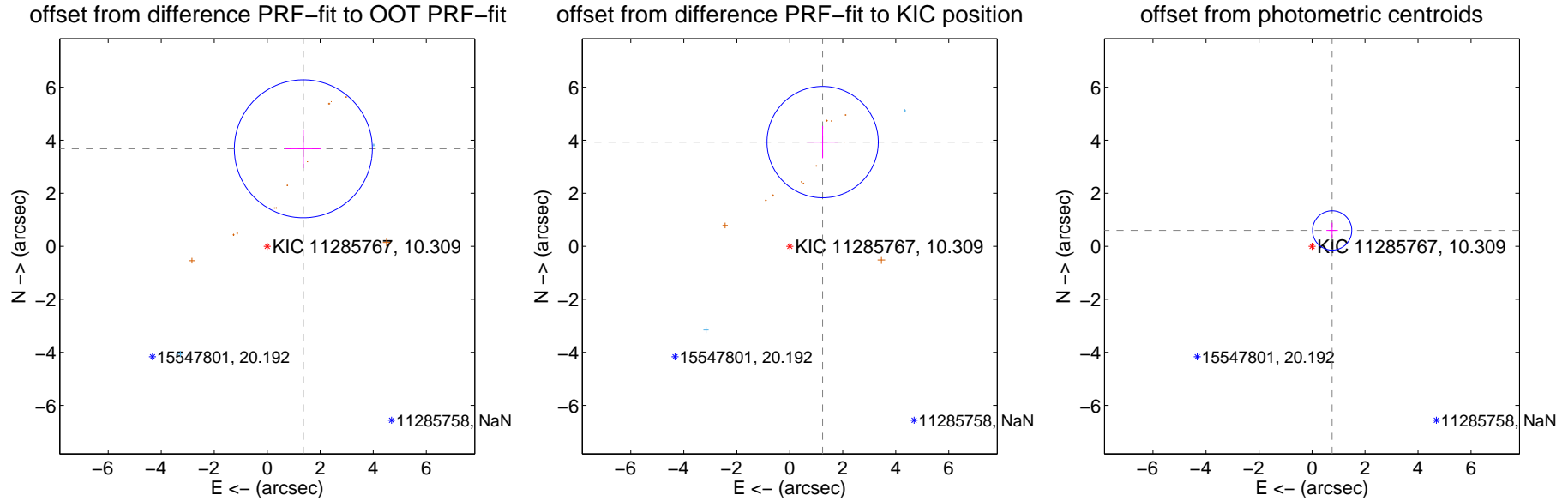
DV Centroid Data

Supplemental centroid analysis for 011285767-01. **Kepler magnitude: 10.31.** Transit SNR 7.36

There are 2 quarters with good PRF difference image offsets

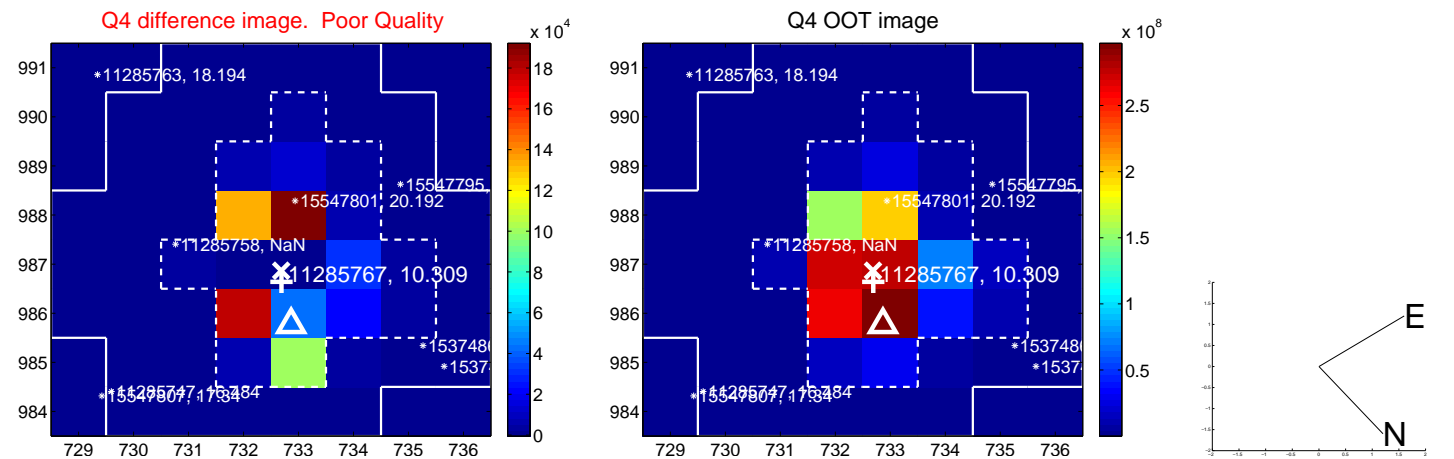
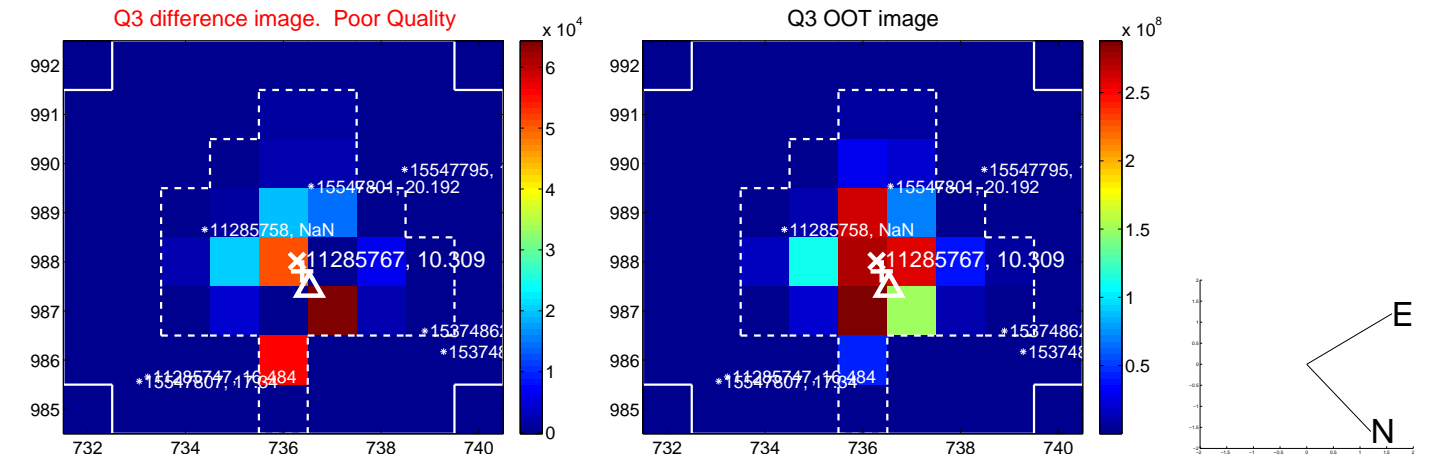
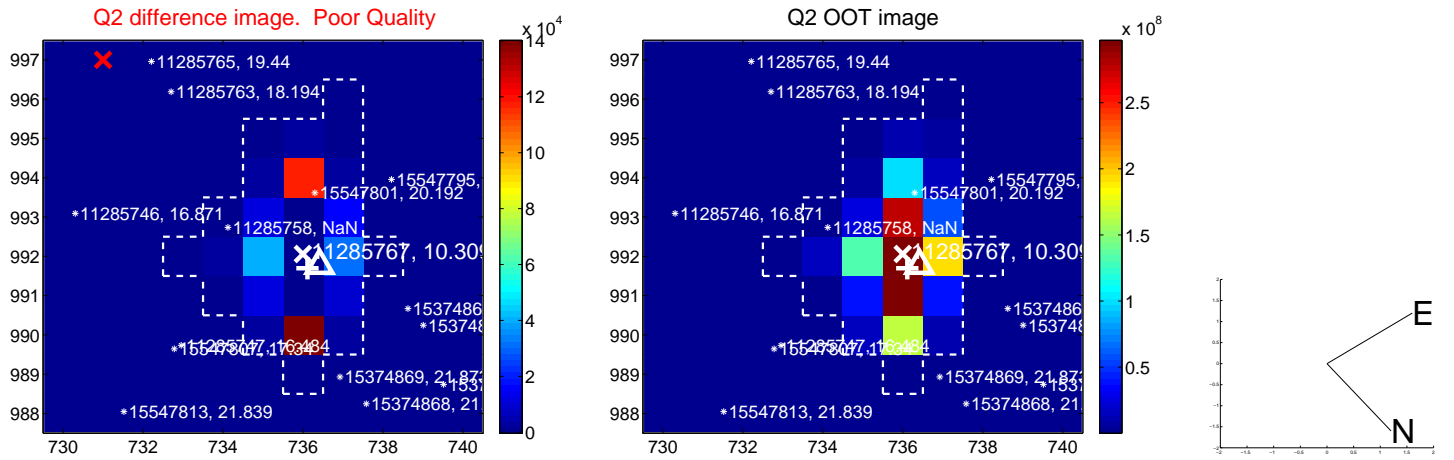
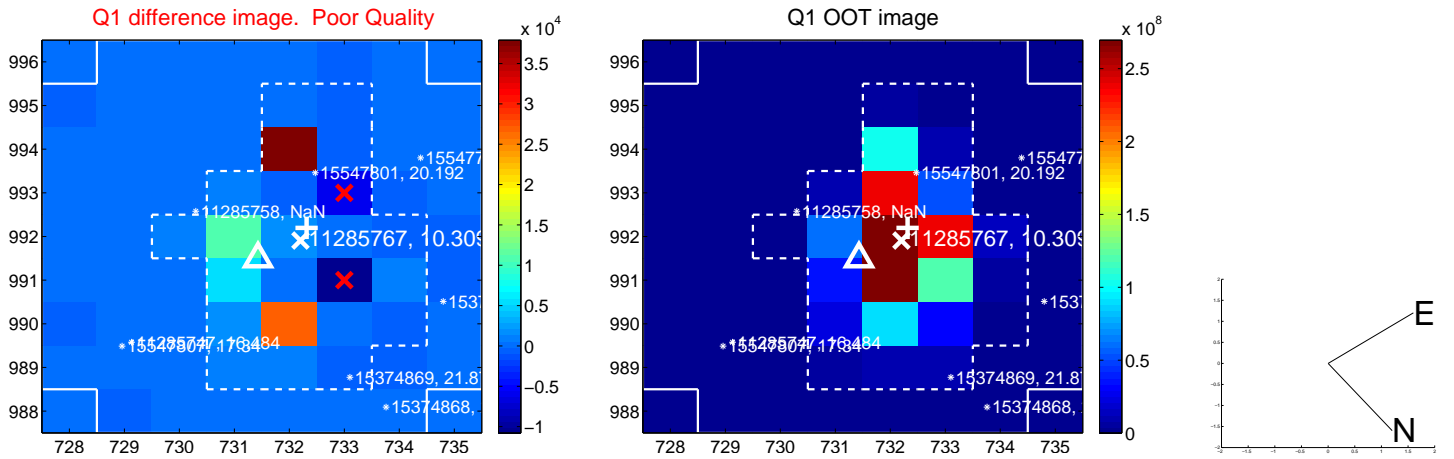
The direct PRF centroid is offset from the target star catalog position by about 0.77 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	3.921 ± 0.867	4.52	-1.363 ± 0.680	3.676 ± 0.729
PRF-fit source offset from KIC position	4.121 ± 0.700	5.89	-1.240 ± 0.583	3.930 ± 0.607
photometric centroid source offset	0.97 ± 0.25	3.91	-0.76 ± 0.22	0.60 ± 0.29

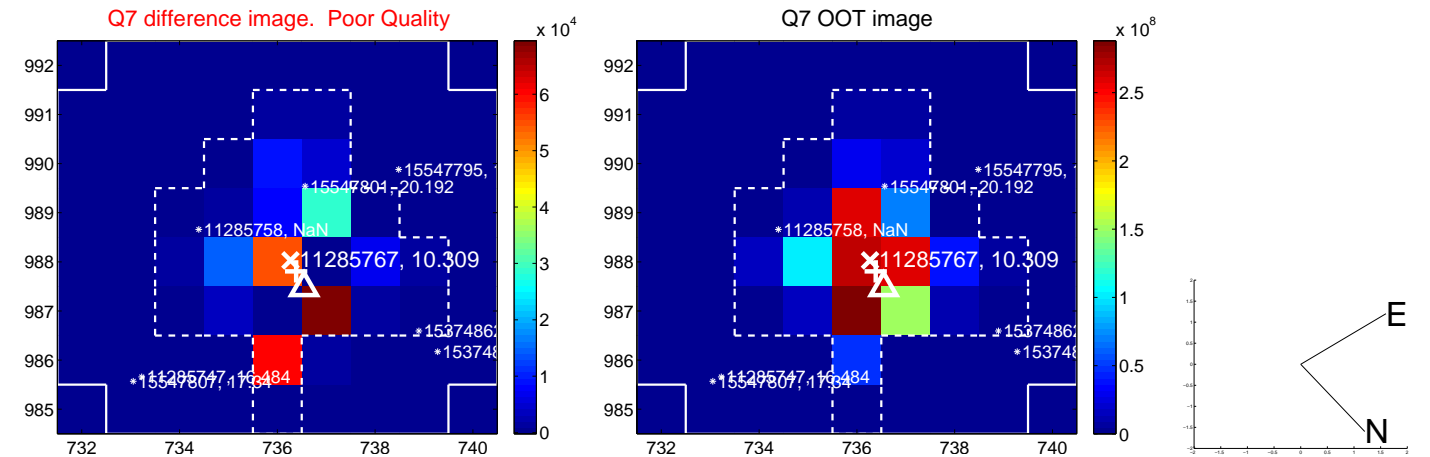
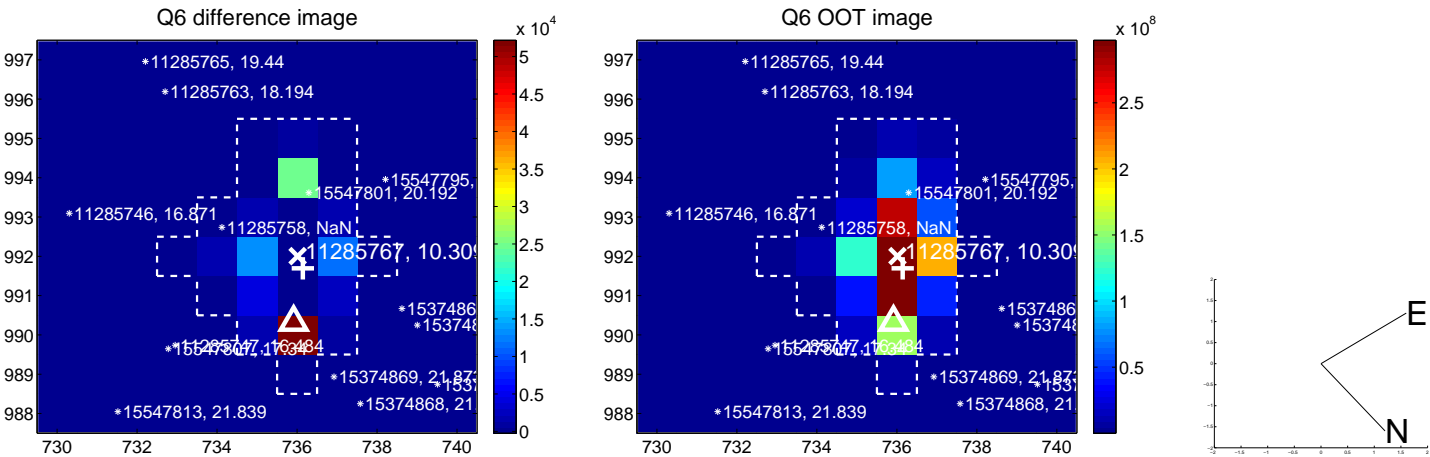
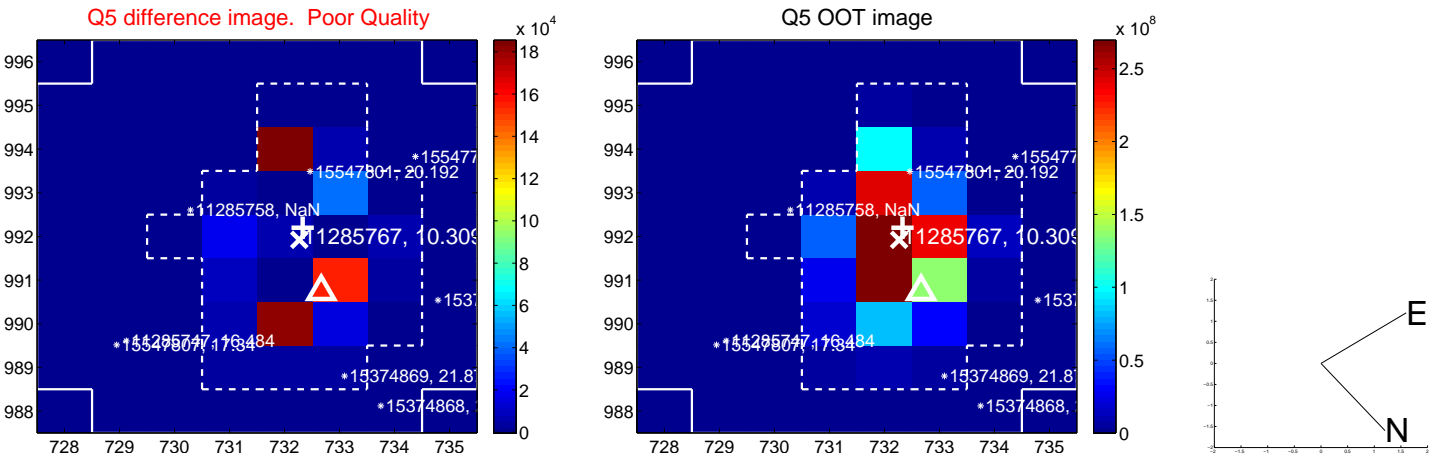


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets;** magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three-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

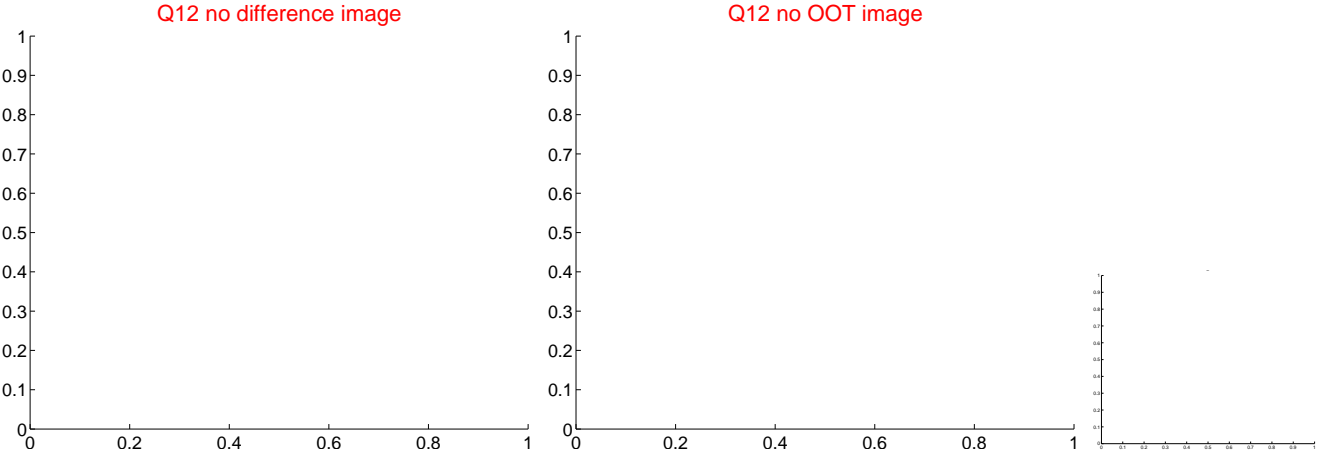
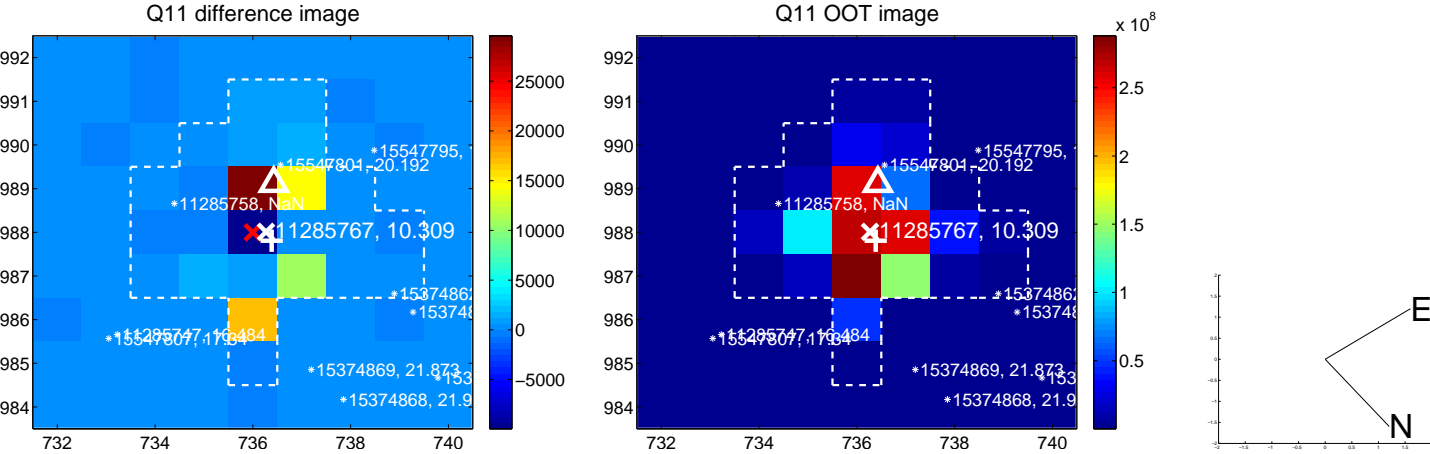
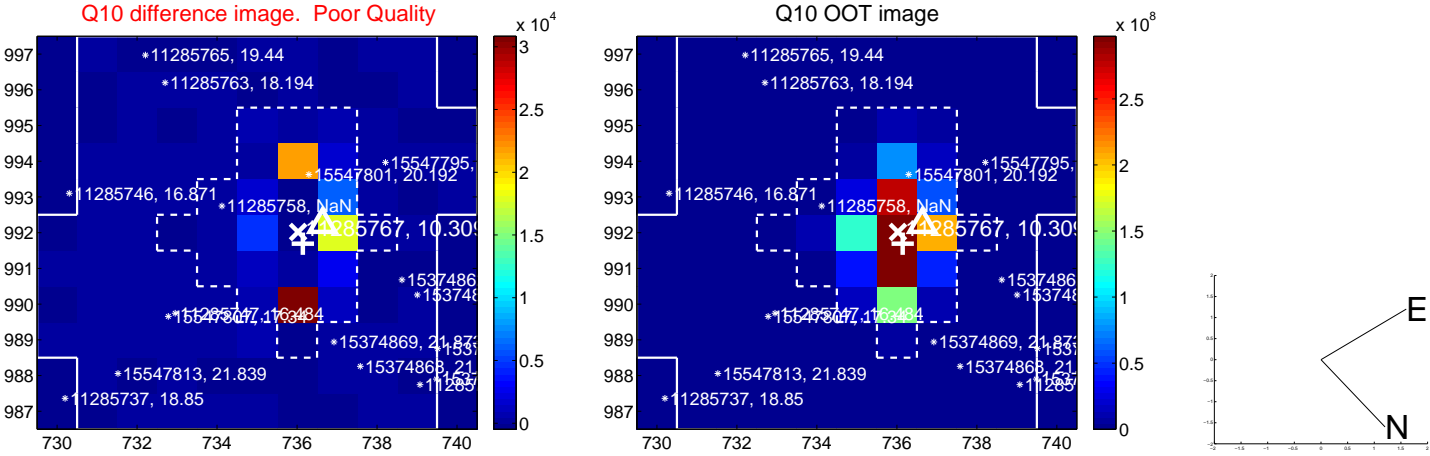
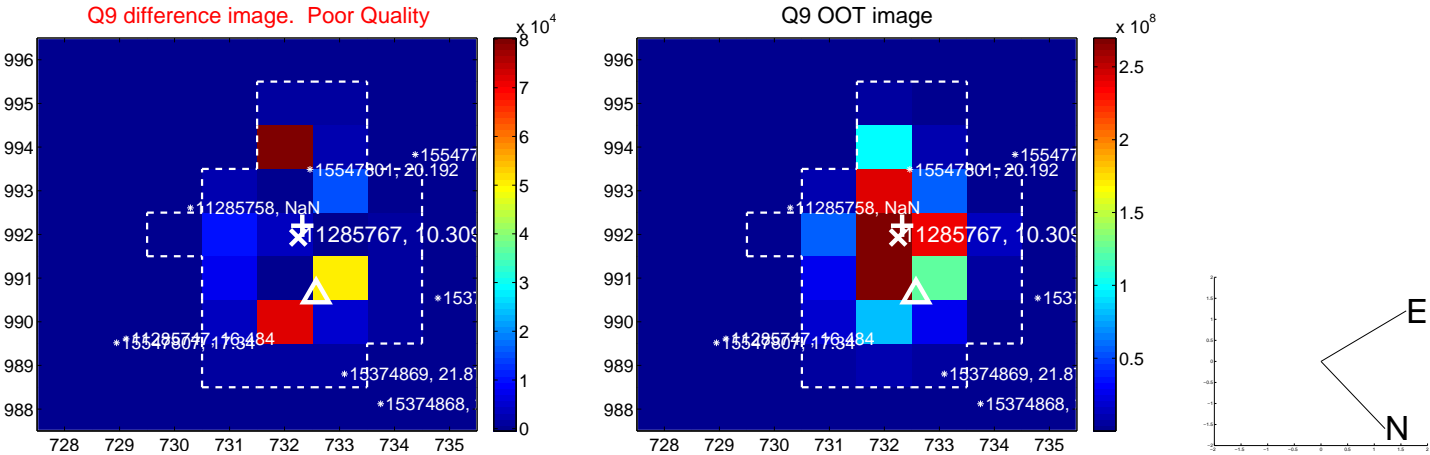
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



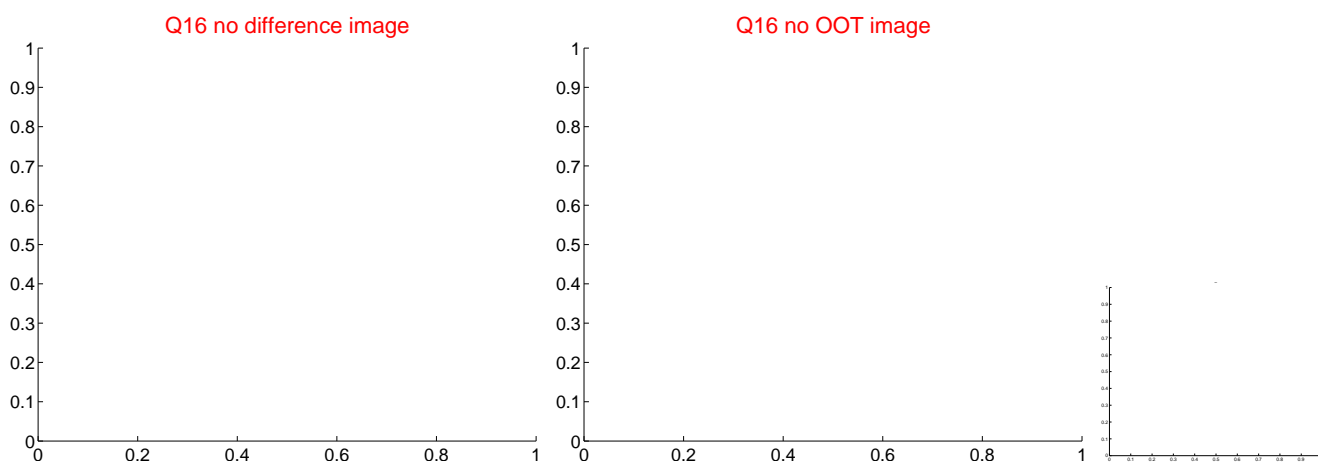
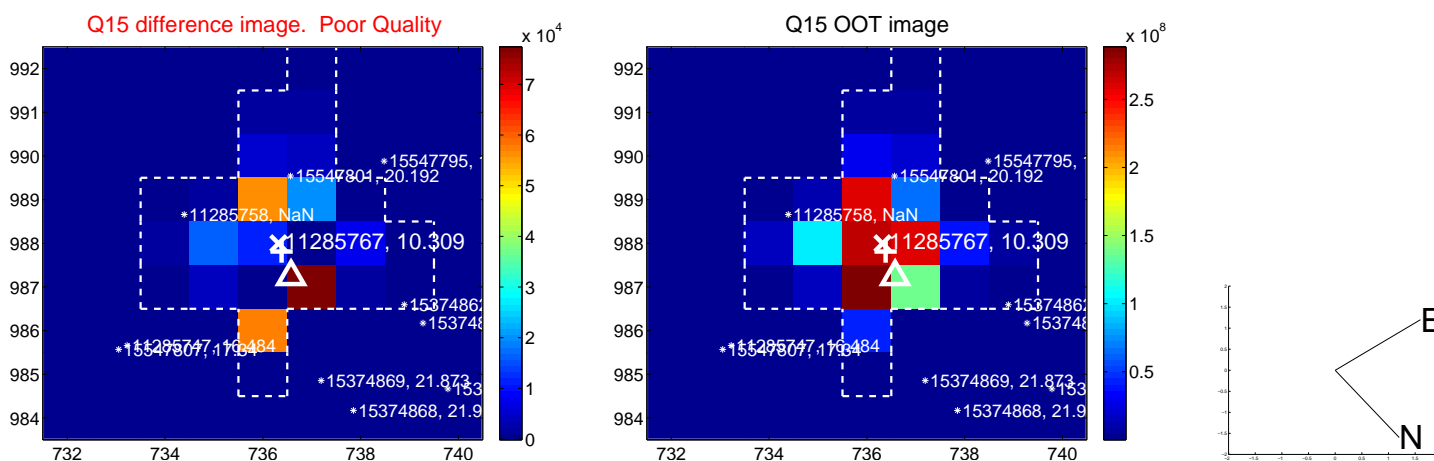
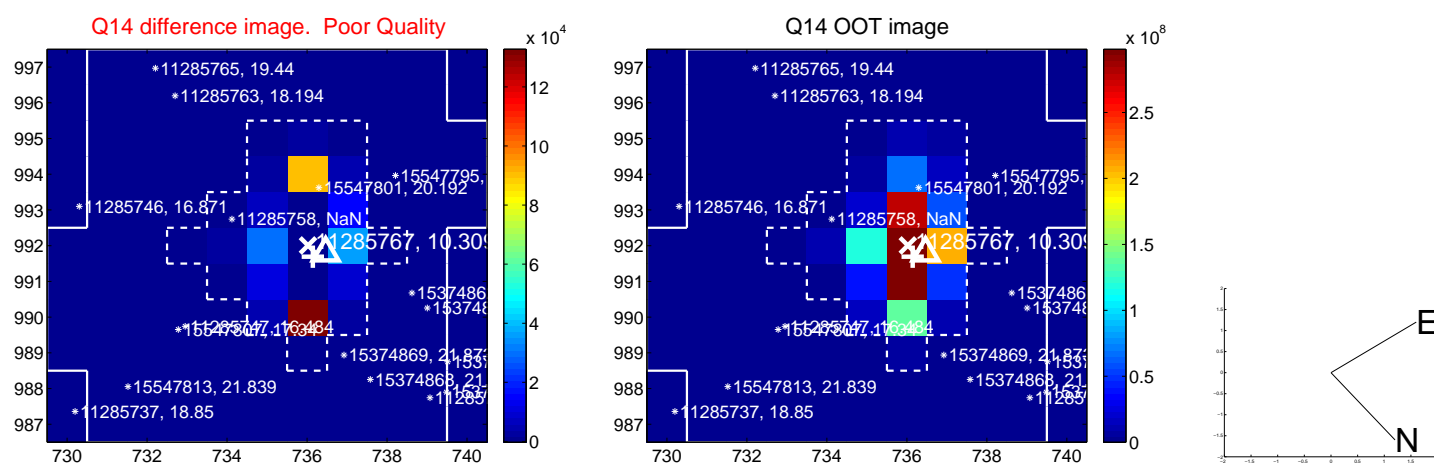
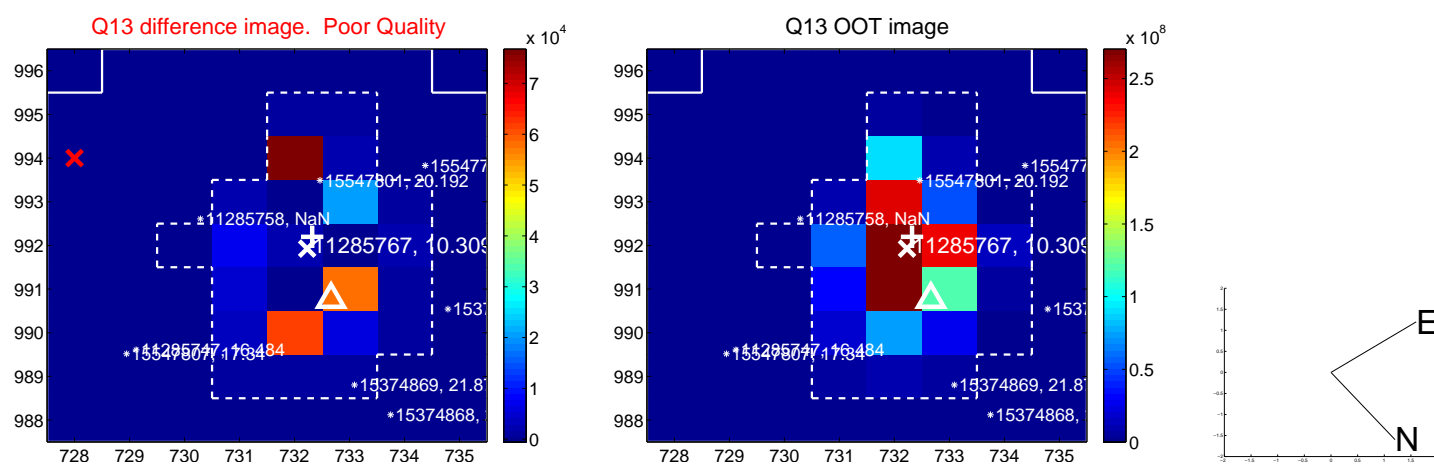
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



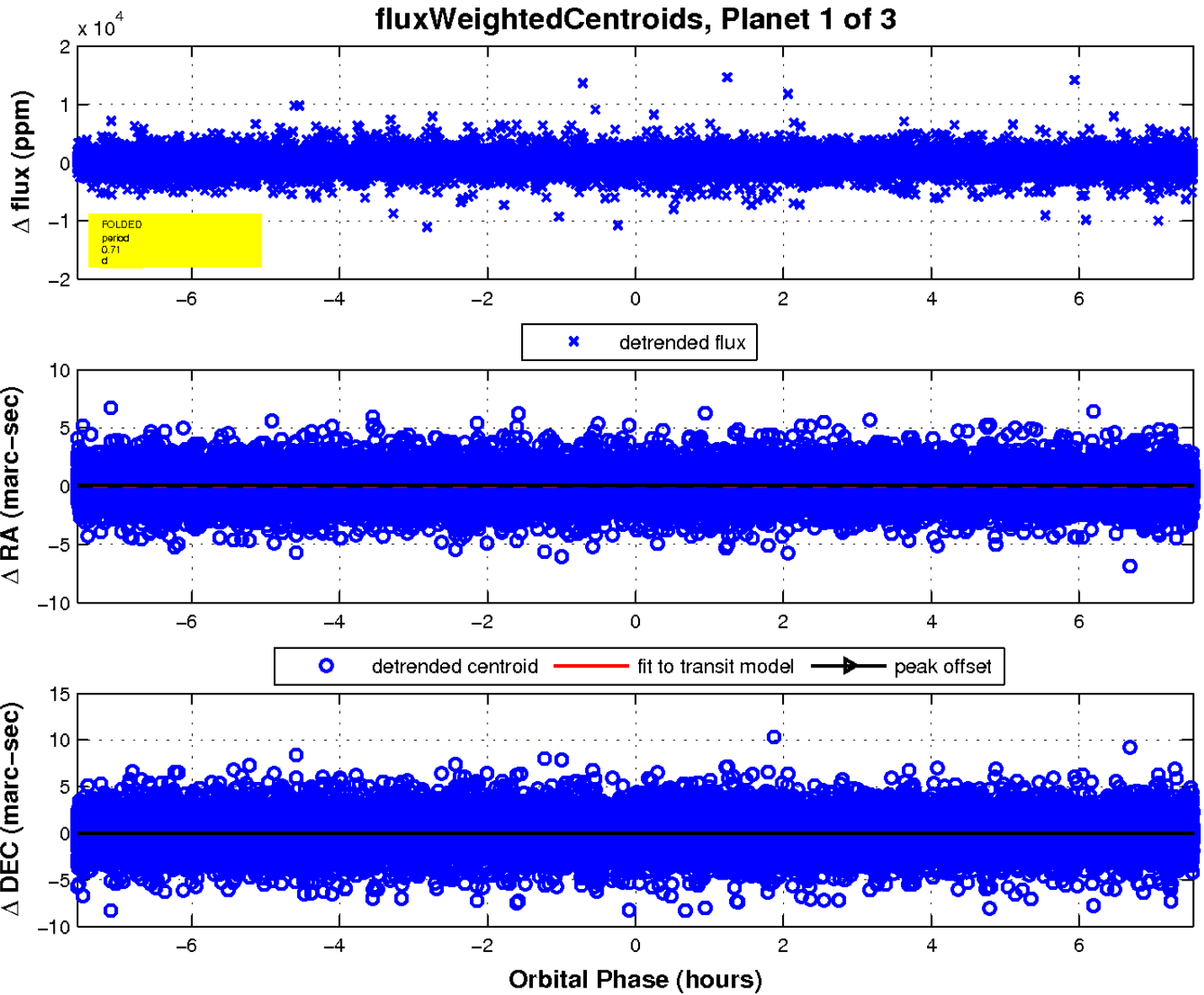
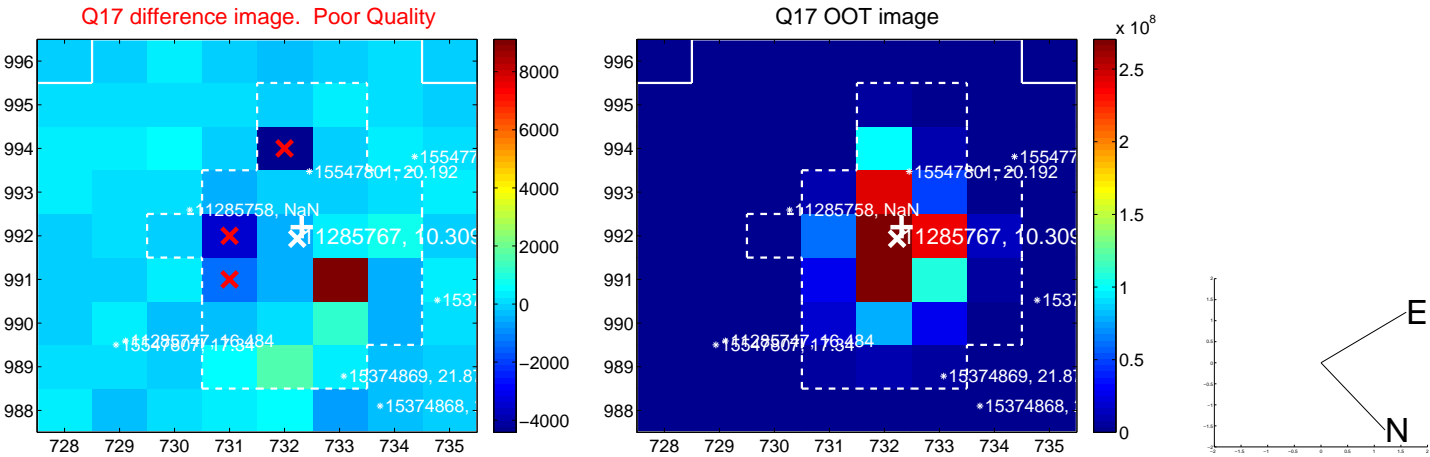
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



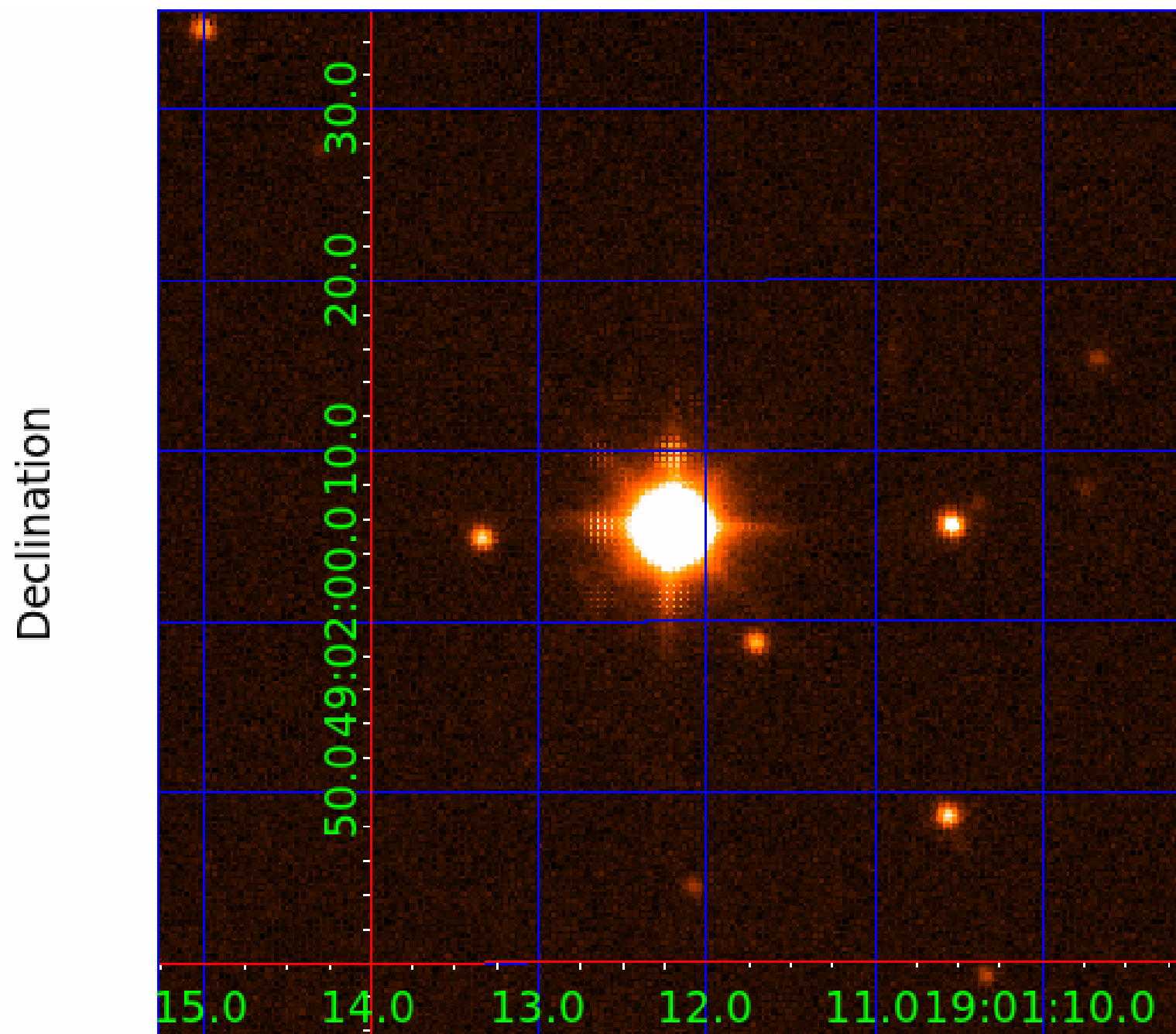
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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



UKIRT Image



KIC 011285767

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})
011285767-01	OBS	No	0.714849	132.040076	81.9	2.516	11.4	7.4	3.38	7684	3.59	92131.30
011285767-02	OBS	No	0.714852	131.559851	101.5	1.402	10.1	7.5	3.38	7684	3.66	92130.72
011285767-03	OBS	No	0.714839	131.802306	85.1	2.518	8.9	7.5	3.38	7684	3.40	92133.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011285767-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT—MOD_TER_ALT—CENT_SATURATED
011285767-02	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED
011285767-03	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED

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

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

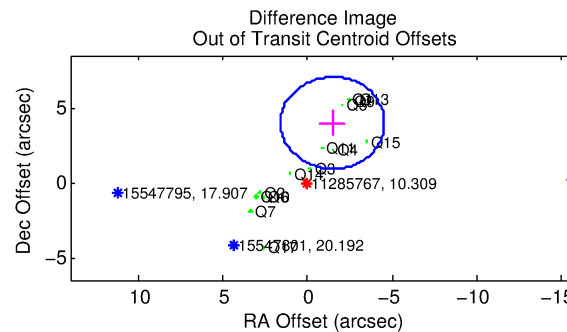
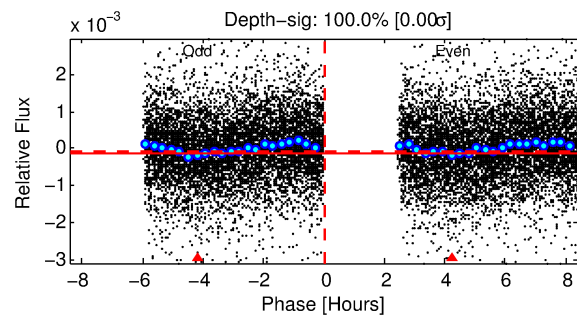
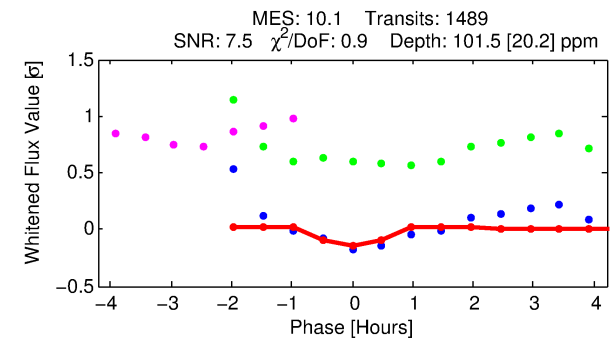
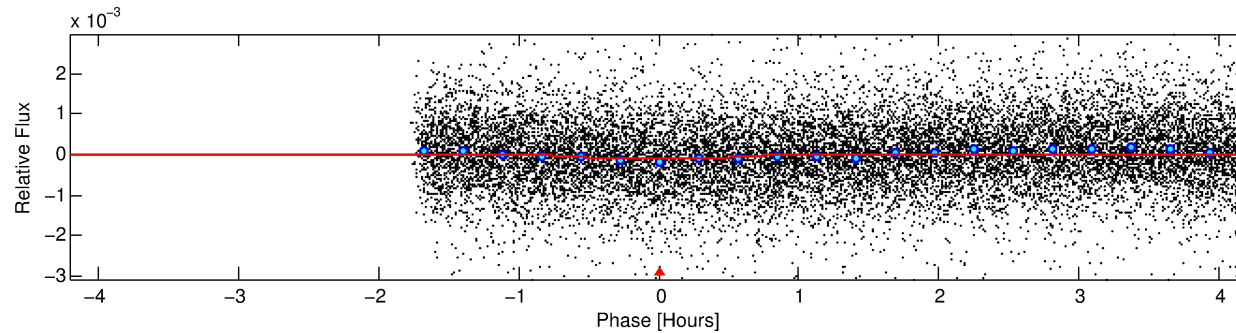
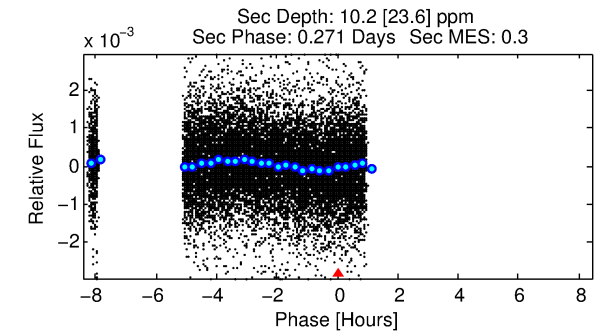
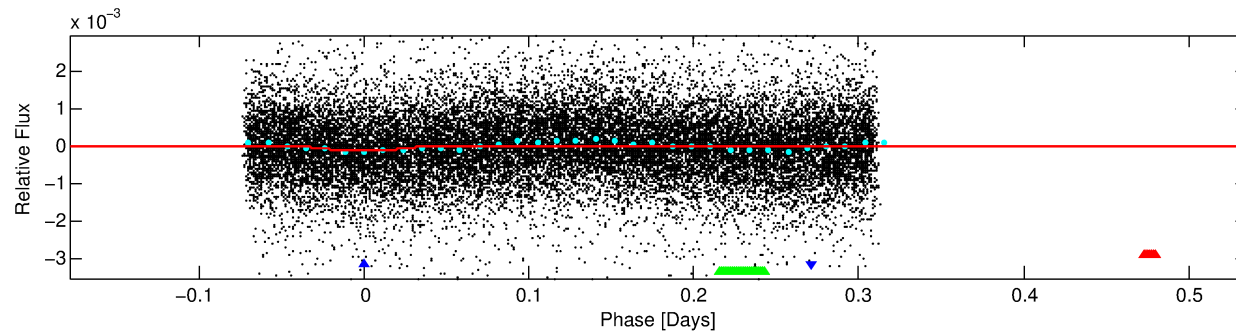
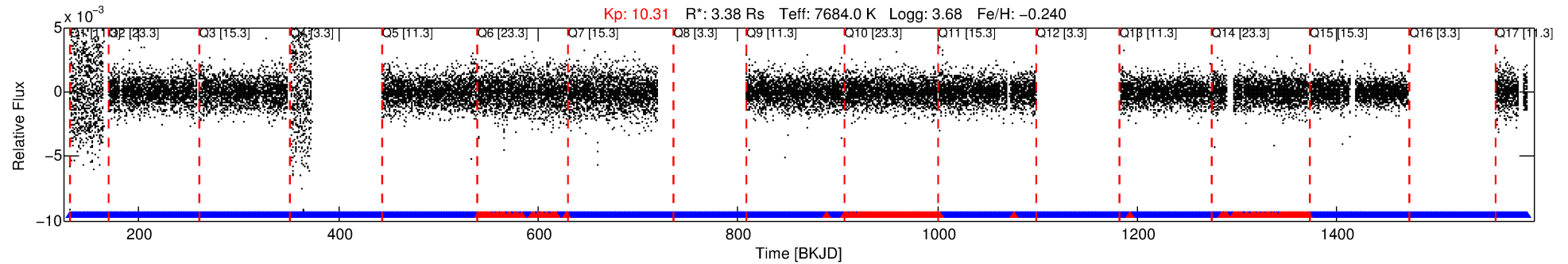
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 011285767-02

No Significant Match Found

DV One-Page Summary

KIC: 11285767 Candidate: 2 of 3 Period: 0.715 d



DV Fit Results:

Period = 0.71485 [0.00002] d
Epoch = 131.5599 [0.0029] BKJD
Rp/R* = 0.0099 [0.0053]
a/R* = 2.95 [7.22]
b = 0.70 [2.03]
Seff = 92130.72 [77292.60]
Teq = 4442 [932] K
Rp = 3.66 [2.74] Re
a = 0.0197 [0.0100] AU
Ag = 0.16 [0.44] [-1.92σ]
Teffp = 4365 [2786] K [-0.03σ]

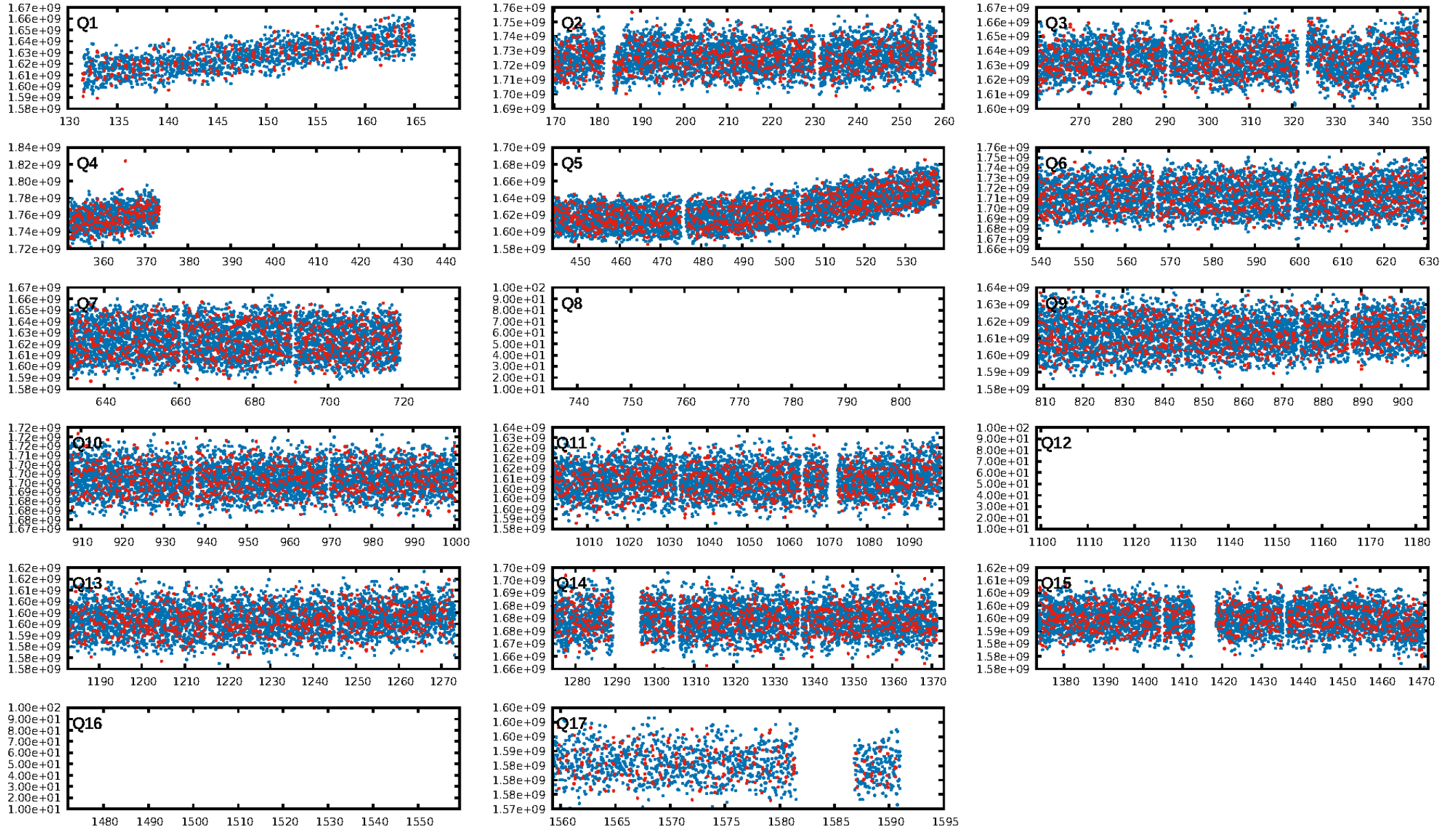
DV Diagnostic Results:

ShortPeriod-sig: 0.0% [0.00σ]
LongPeriod-sig: N/A
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 0.84 [1155/1375]
GhostDiagnostic-chr: 1.852
Centroid-sig: 0.0%
Centroid-so: 1.129 arcsec [4.53σ]
OotOffset-rm: 4.246 arcsec [4.16σ]
KicOffset-rm: 4.058 arcsec [5.02σ]
OotOffset-st: 4/4/1/5 [14]
KicOffset-st: 4/4/1/5 [14]
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DiffImageOverlap-fno: 0.00 [0/14]

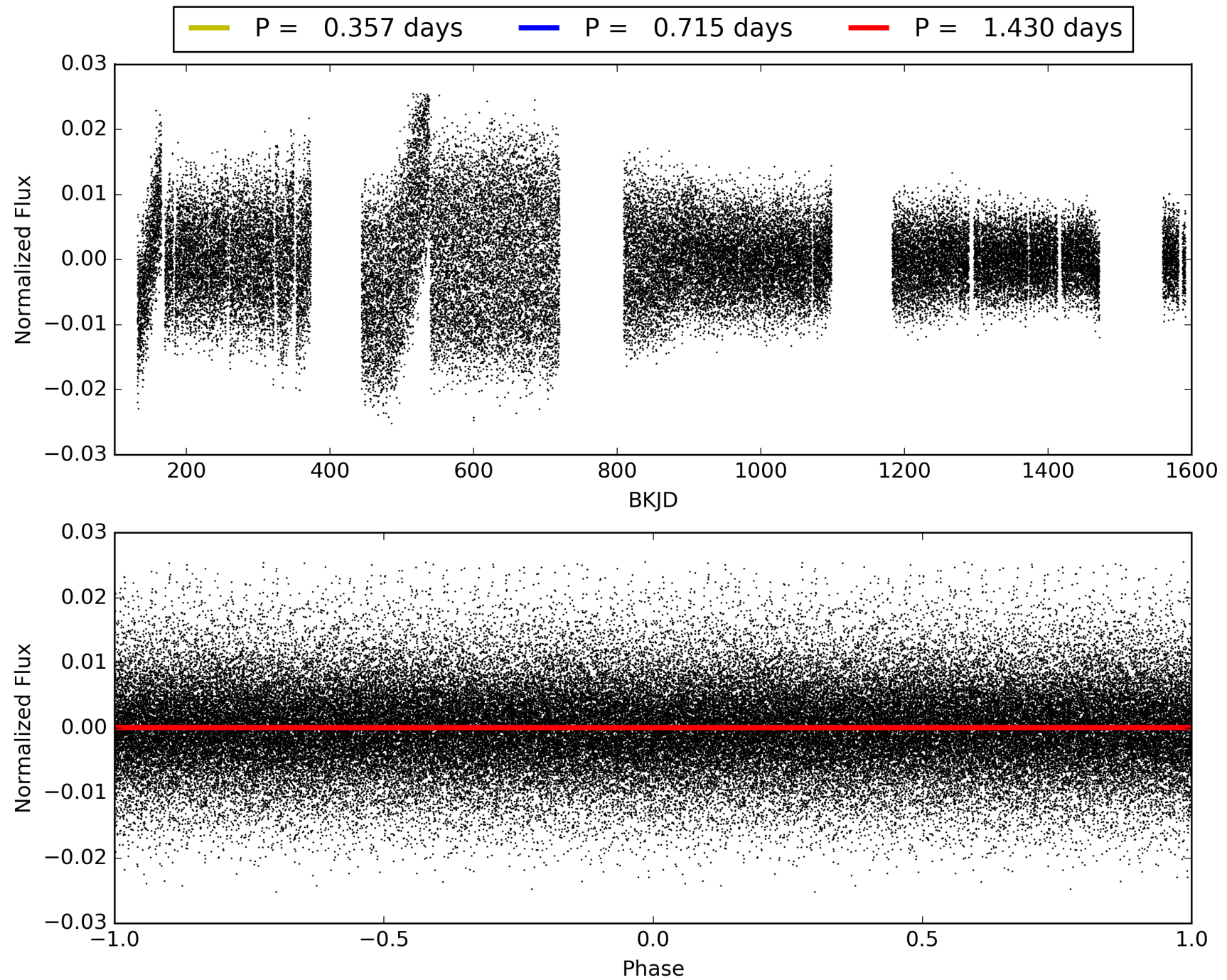
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 29-Jan-2016 19:43:36 Z

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

TCE 011285767-02, PDC Light Curves

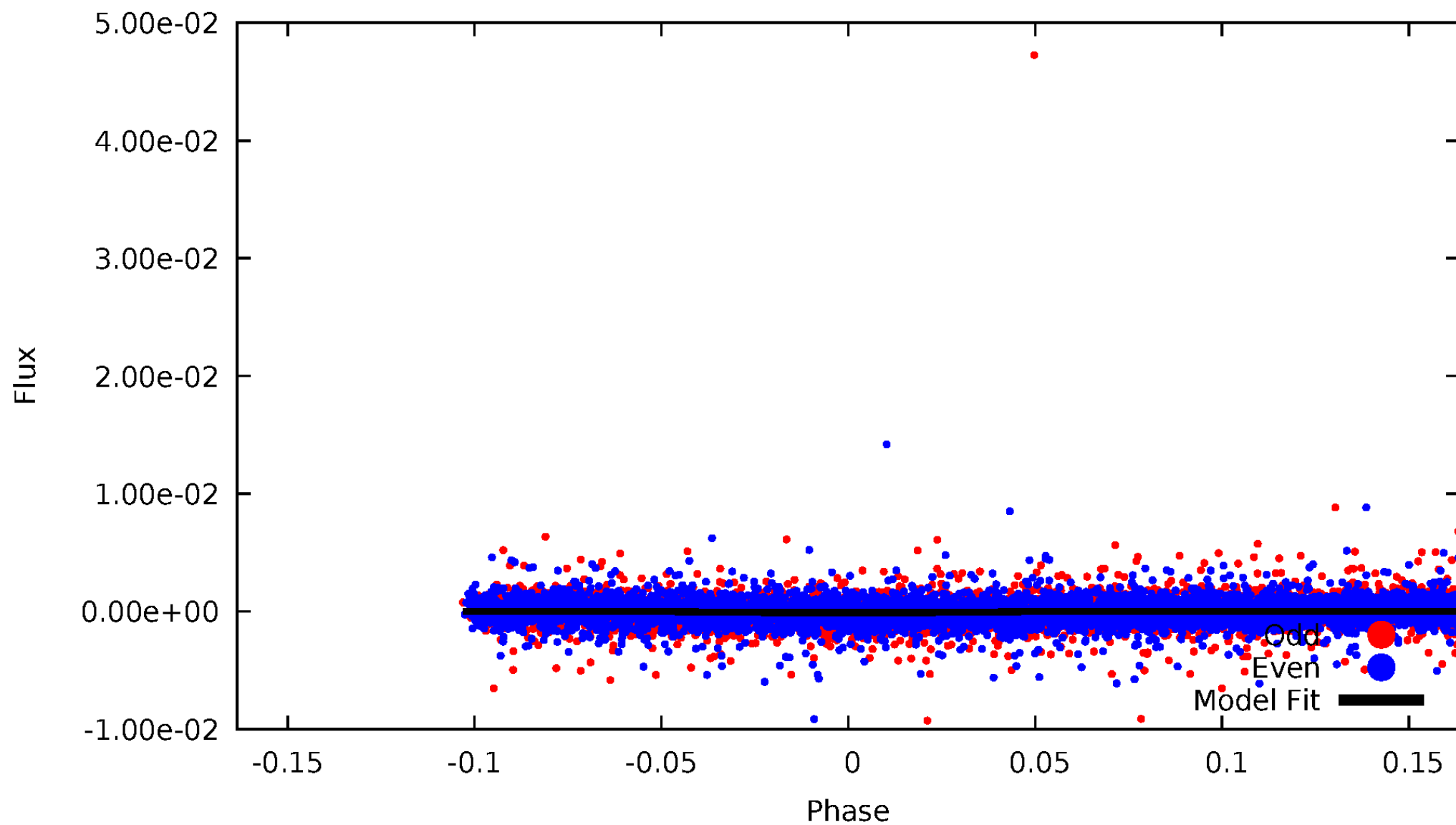


TCE 011285767-02



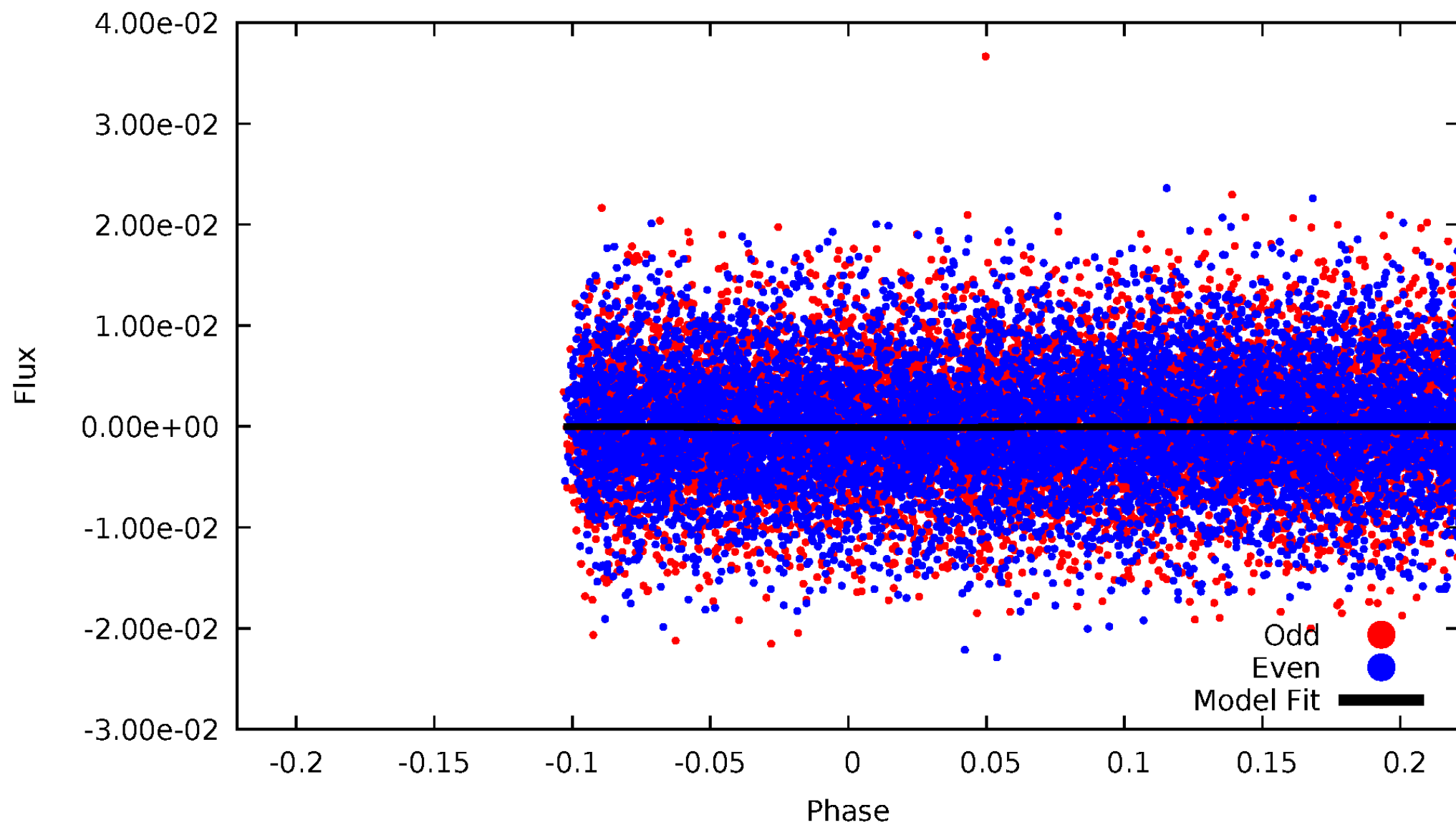
DV Odd/Even

TCE 011285767-02



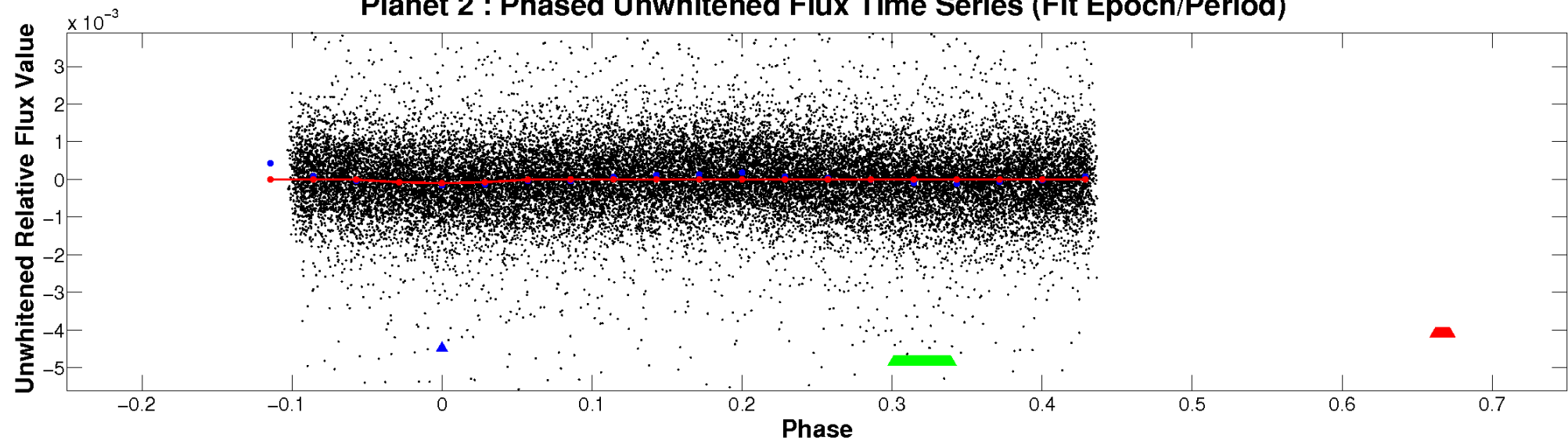
ALT Odd/Even

TCE 011285767-02

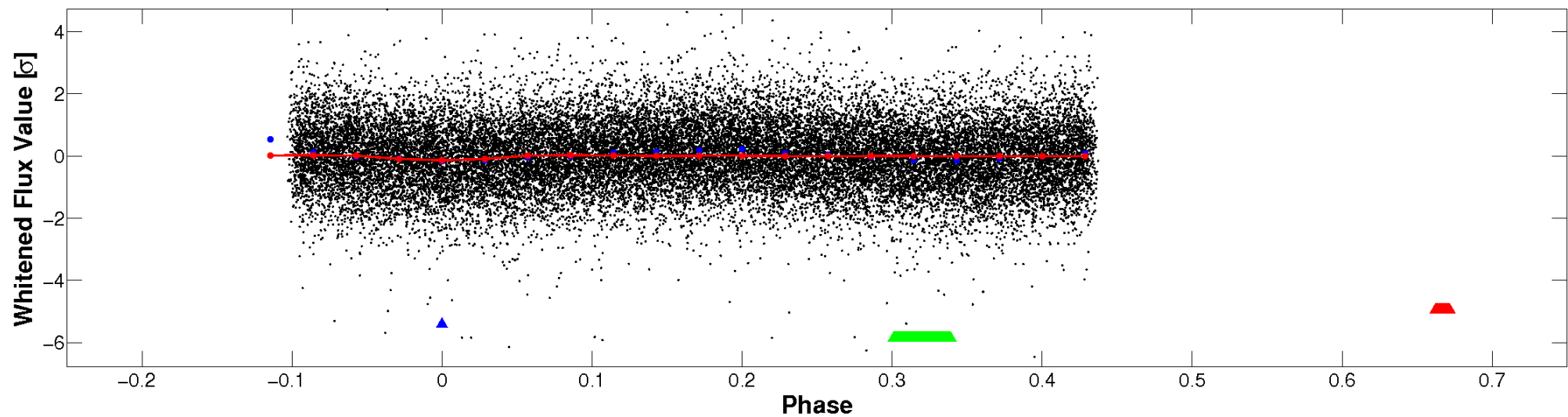


Non-Whitened Vs. Whitened Light Curve

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

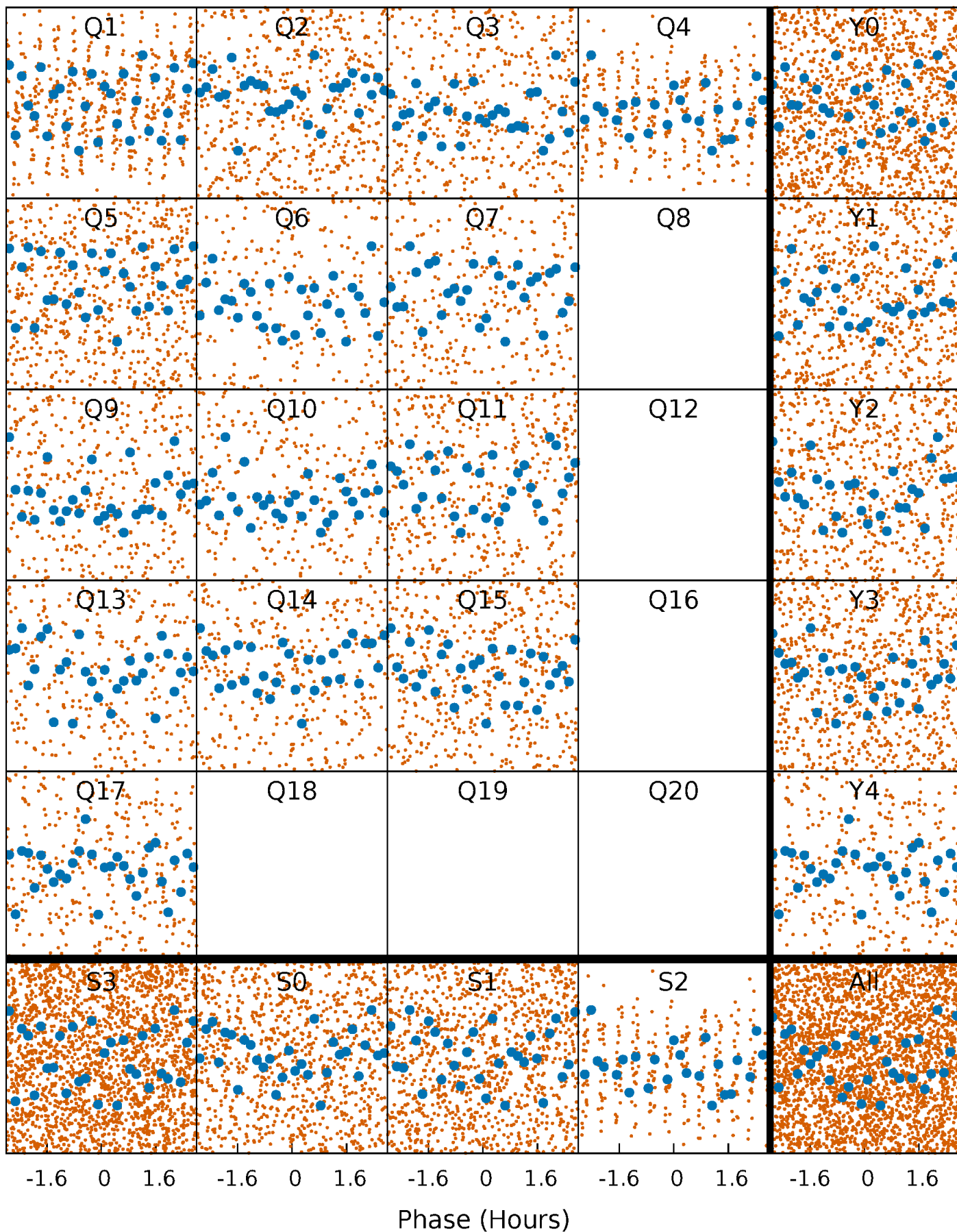


Planet 2 : Phased Whitened Flux Time Series (Fit Epoch/Period)



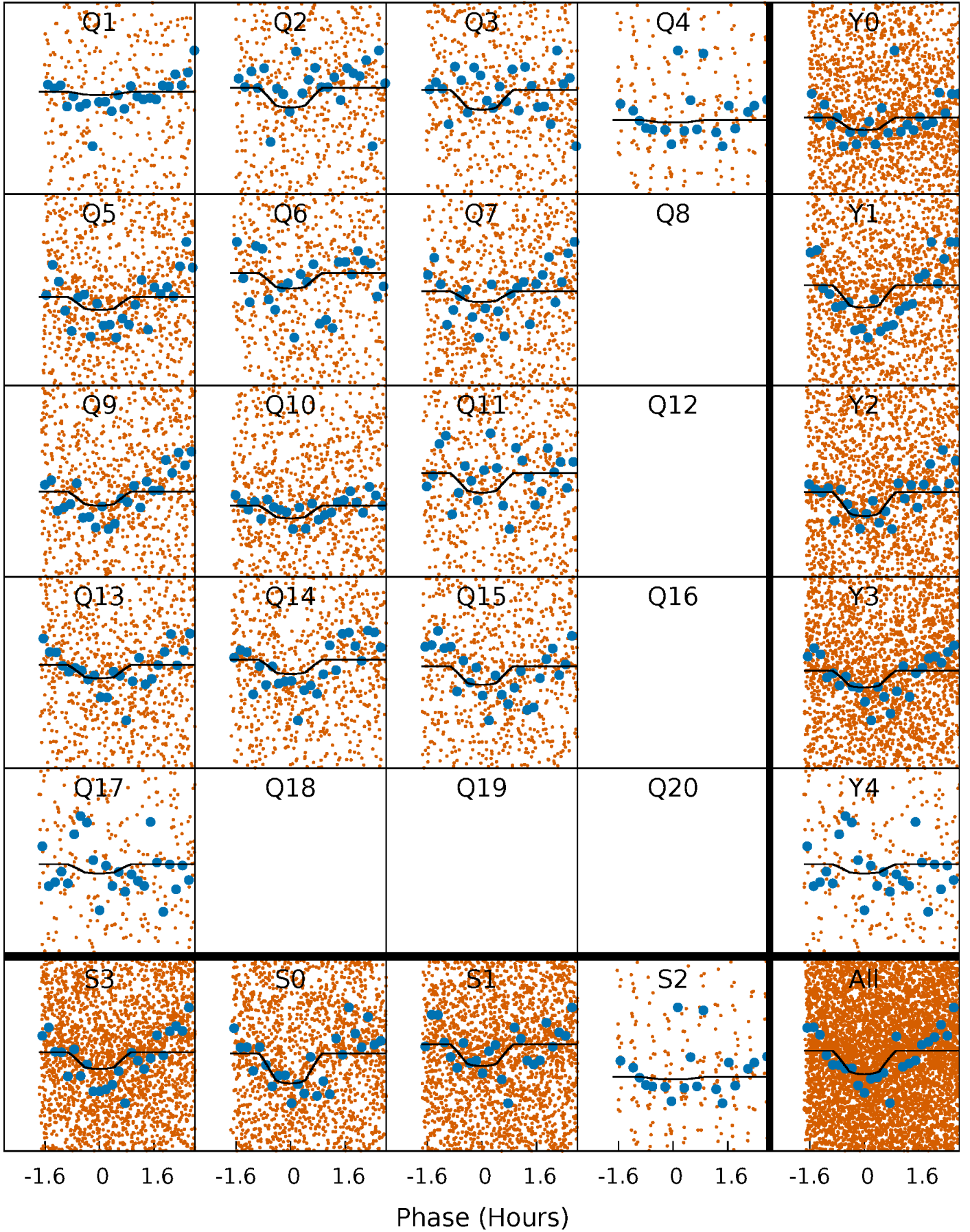
PDC Quarter-Phased Transit Curves

TCE 011285767-02 P= 0.714852 Days $T_0=131.559851$ (BKJD)



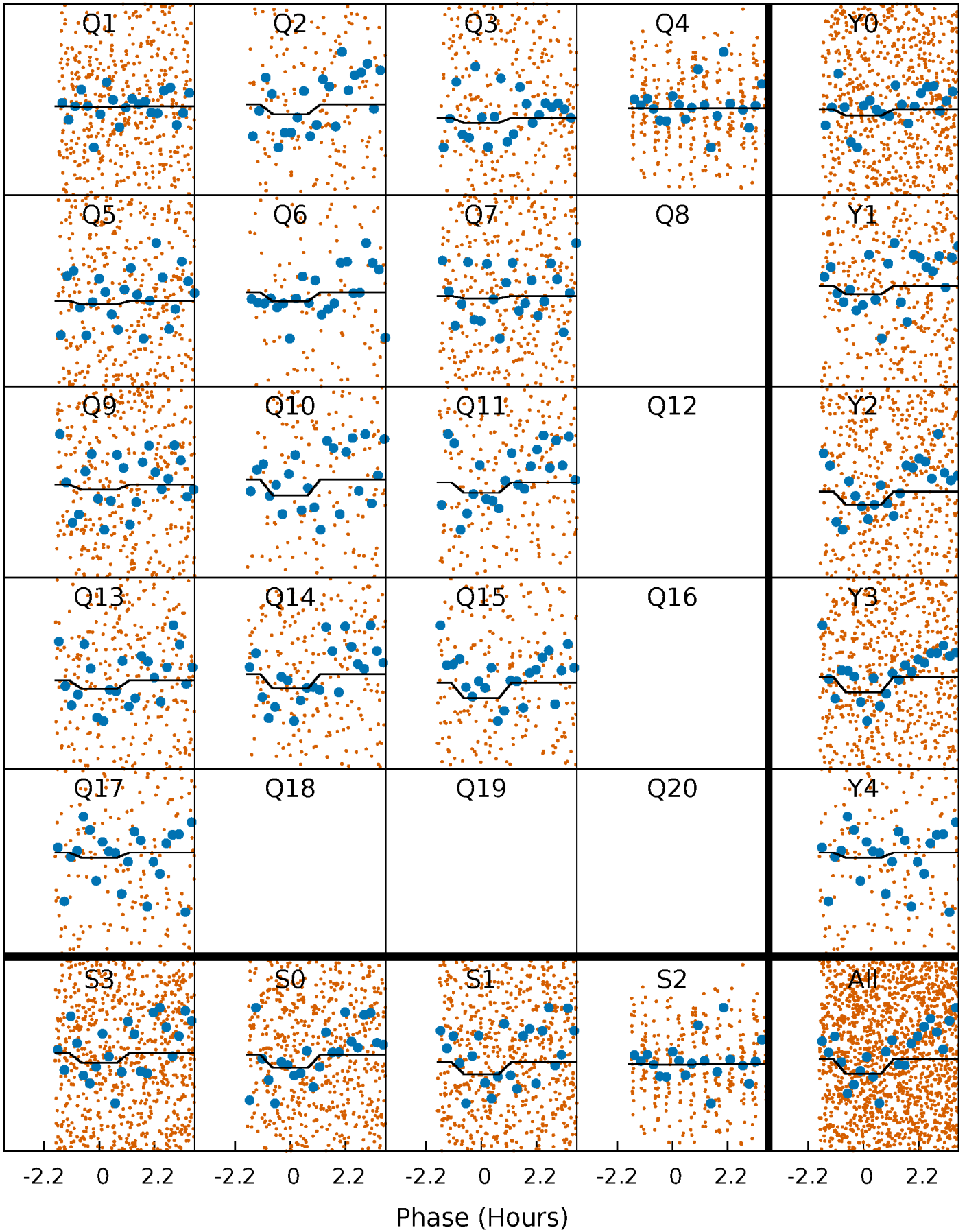
DV Quarter-Phased Transit Curves

TCE 011285767-02 $P = 0.714852$ Days $T_0 = 131.559851$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

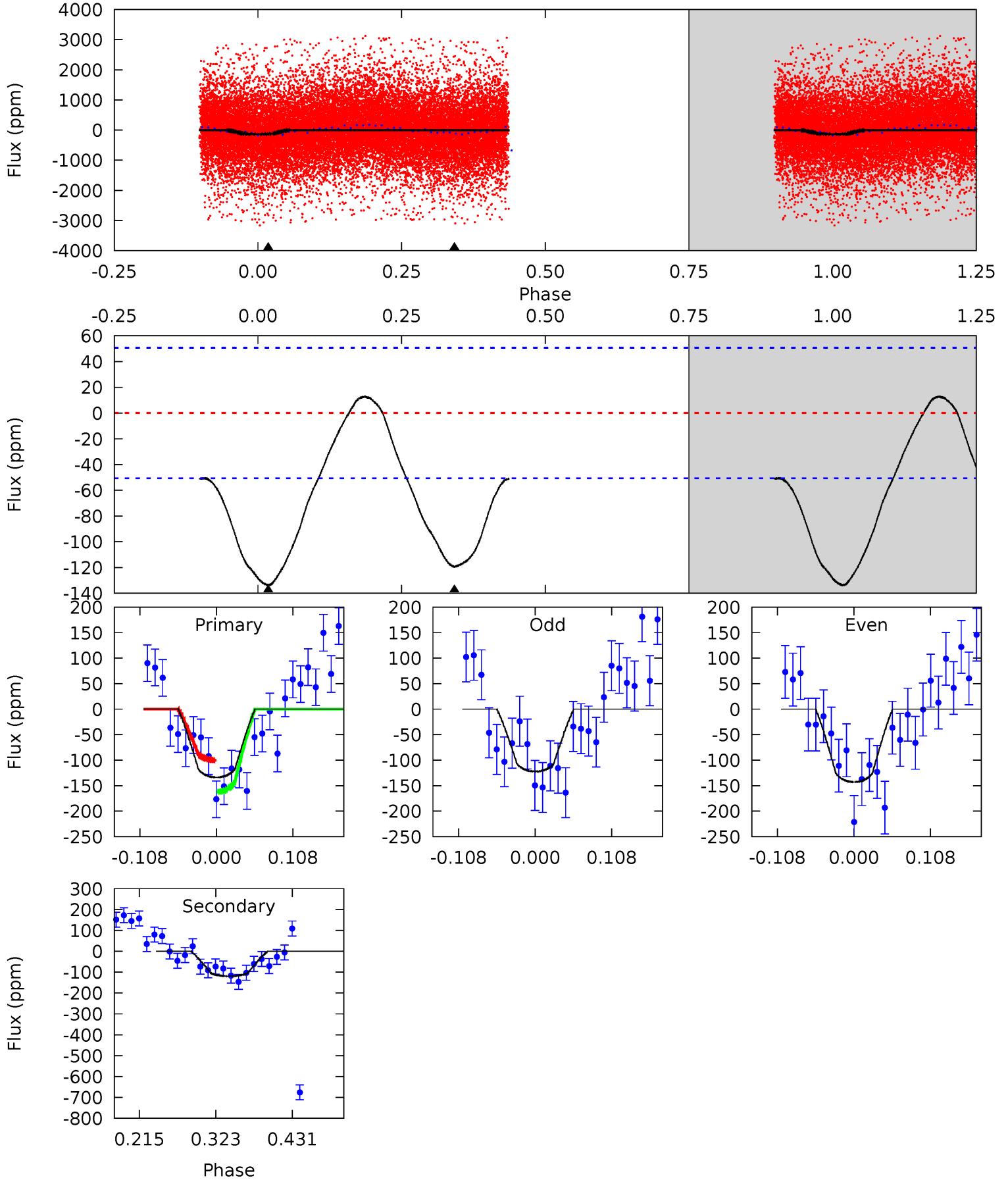
TCE 011285767-02 $P = 0.714852$ Days $T_0 = 131.559851$ (BKJD)



DV Model-Shift Uniqueness Test

011285767-02, P = 0.714852 Days, E = 130.844999 Days

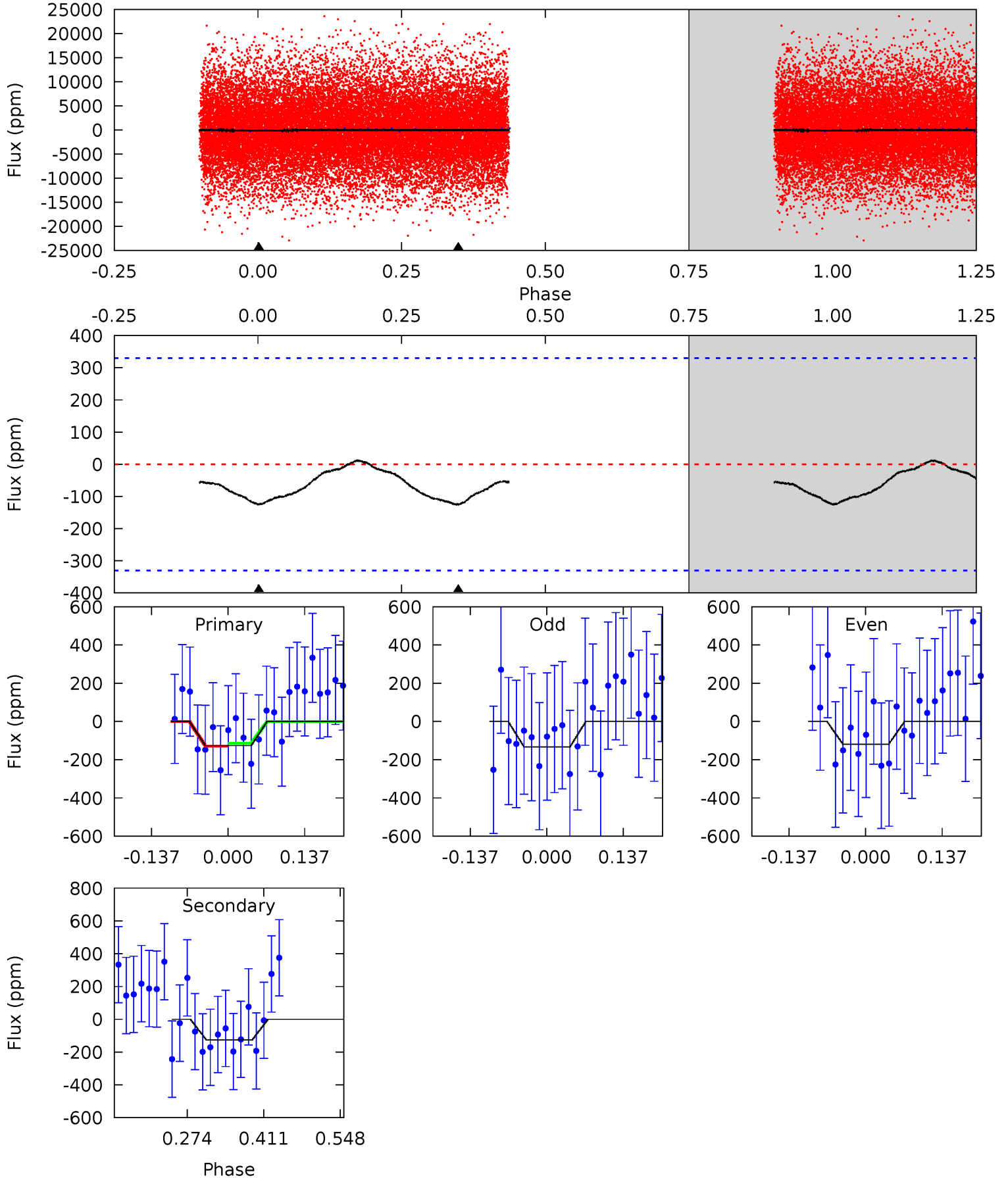
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.0	10.7	0	0	4.55	1.61	1.55	12.0	12.0	10.7	10.7	0.94	1.10	0.09	2.78



Alt Model-Shift Uniqueness Test

011285767-02, P = 0.714852 Days, E = 130.844999 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
1.72	1.71	0	0	4.50	1.49	0.12	1.72	1.72	1.71	1.71	0.10	1.00	0.09	0.10



Stellar Parameters For KIC 011285767

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	7684^{+239}_{-319}	$3.679^{+0.486}_{-0.081}$	$-0.240^{+0.250}_{-0.300}$	$3.382^{+0.413}_{-1.755}$	$1.990^{+0.071}_{-0.531}$	$0.072^{+0.382}_{-0.019}$
	+3%/-4%	+13%/-2%	+104%/-125%	+12%/-52%	+4%/-27%	+527%/-26%
Source	KIC0	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 011285767-02 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	-119±11	$3.14^{+2.17}_{-1.66}$	6010^{+405}_{-783}	7725^{+6091}_{-2060}	$2.474^{+8.233}_{-1.593}$
Alt.	-126±73	$3.17^{+2.15}_{-1.81}$	6024^{+415}_{-818}	7657^{+7029}_{-2780}	$2.209^{+12.270}_{-1.617}$

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

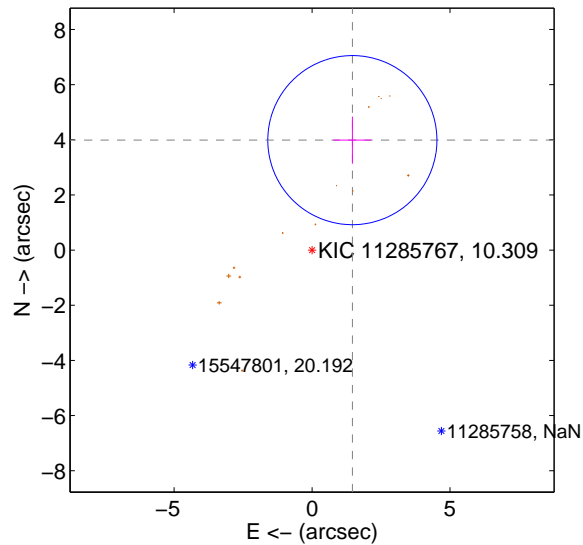
Supplemental centroid analysis for 011285767-02. **Kepler magnitude: 10.31.** Transit SNR 7.52

There are 0 quarters with good PRF difference image offsets

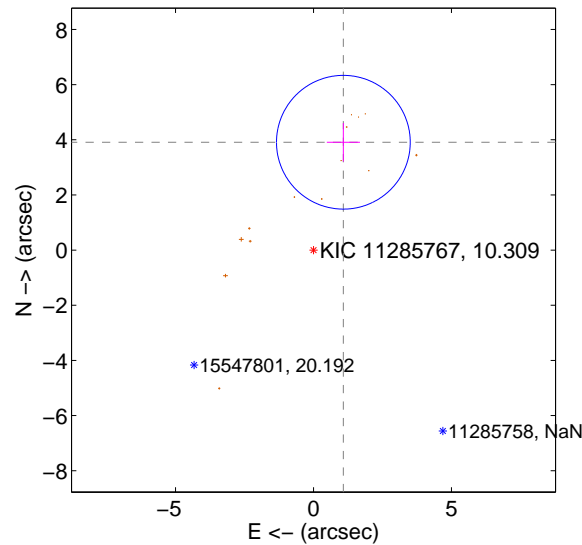
The direct PRF centroid is offset from the target star catalog position by about 1.09 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	4.246 \pm 1.022	4.16	-1.462 \pm 0.689	3.987 \pm 0.855
PRF-fit source offset from KIC position	4.058 \pm 0.808	5.02	-1.083 \pm 0.599	3.910 \pm 0.697
photometric centroid source offset	1.13 \pm 0.25	4.53	-0.64 \pm 0.20	0.93 \pm 0.27

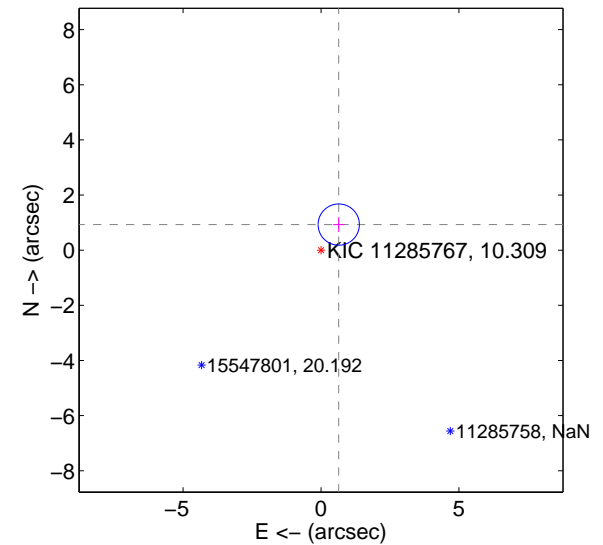
offset from difference PRF-fit to OOT PRF-fit



offset from difference PRF-fit to KIC position

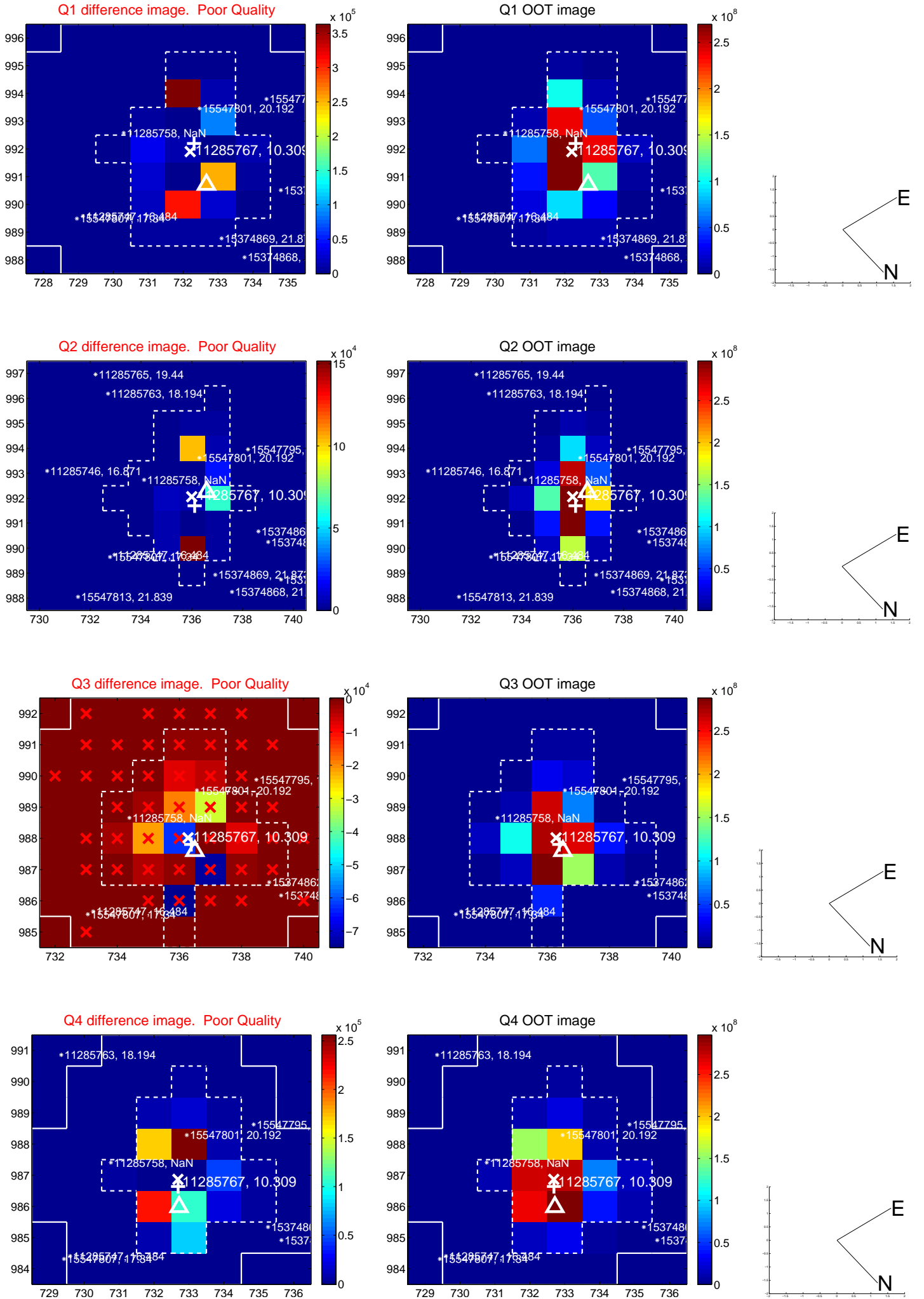


offset from photometric centroids

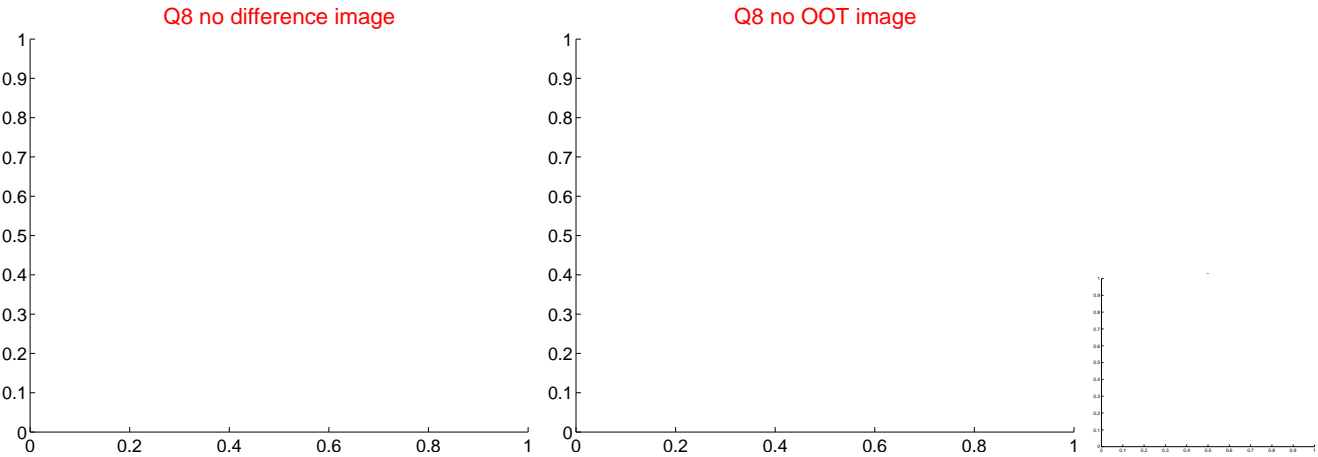
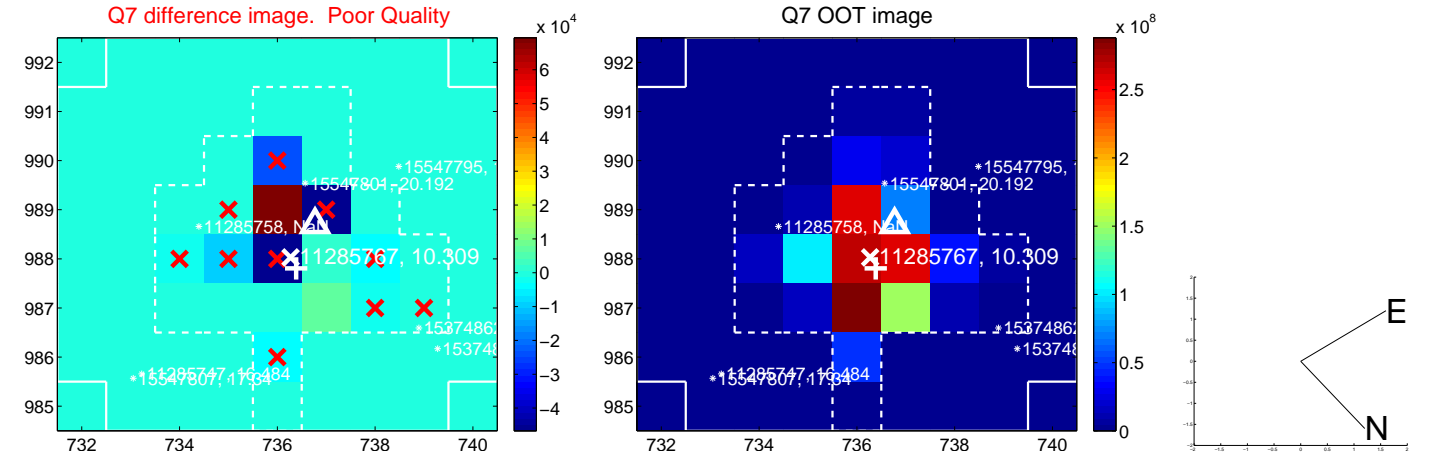
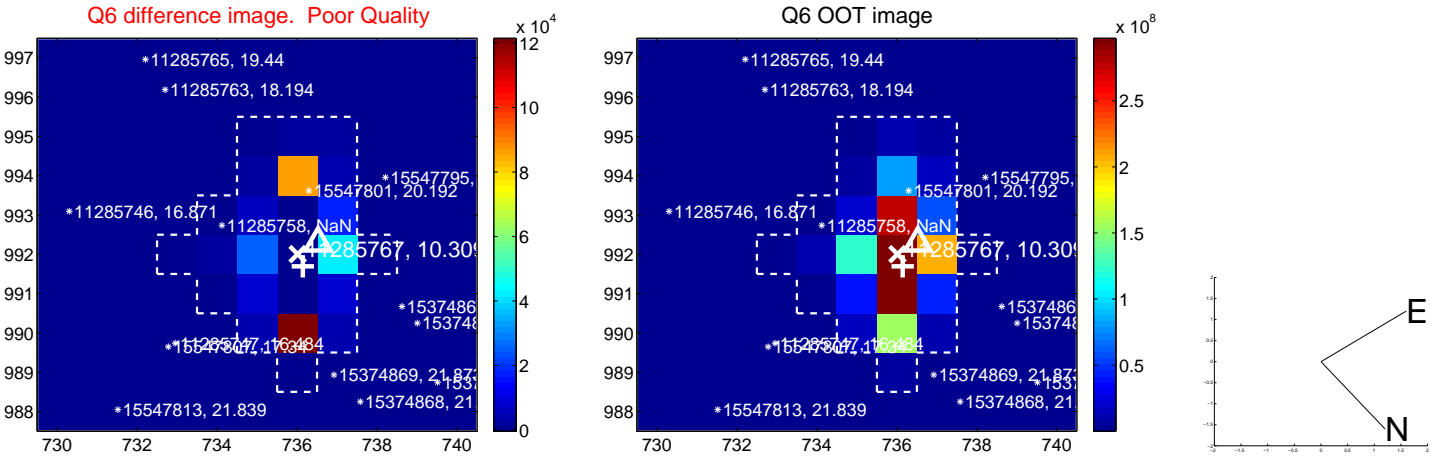
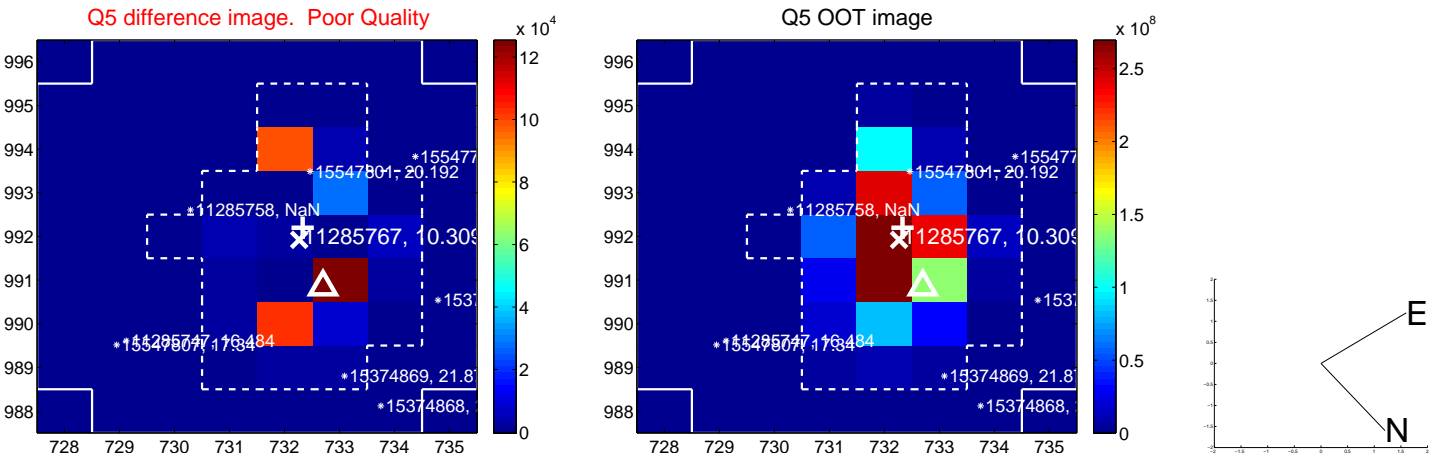


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets;** magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three-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

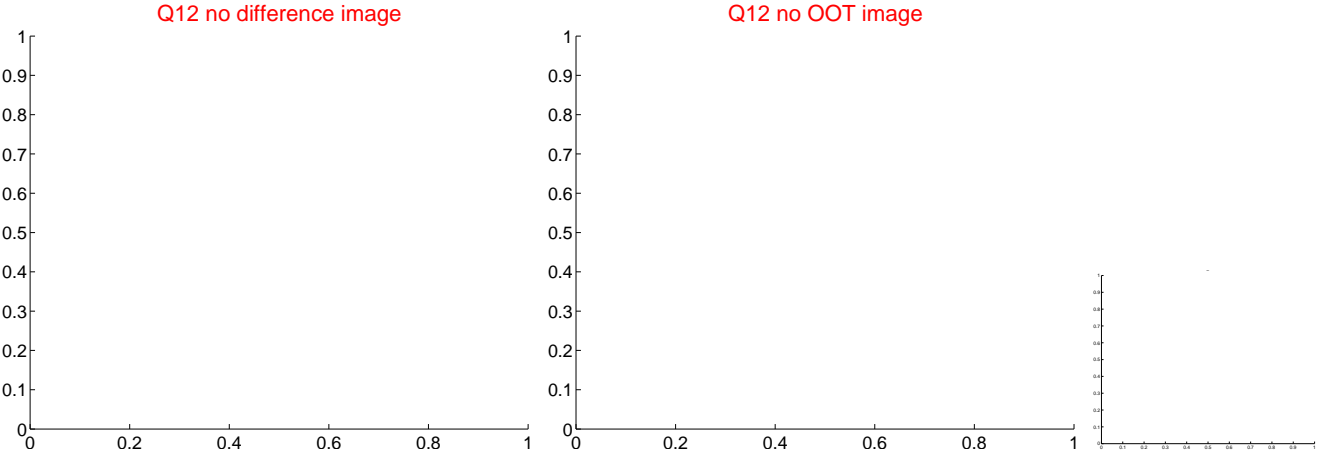
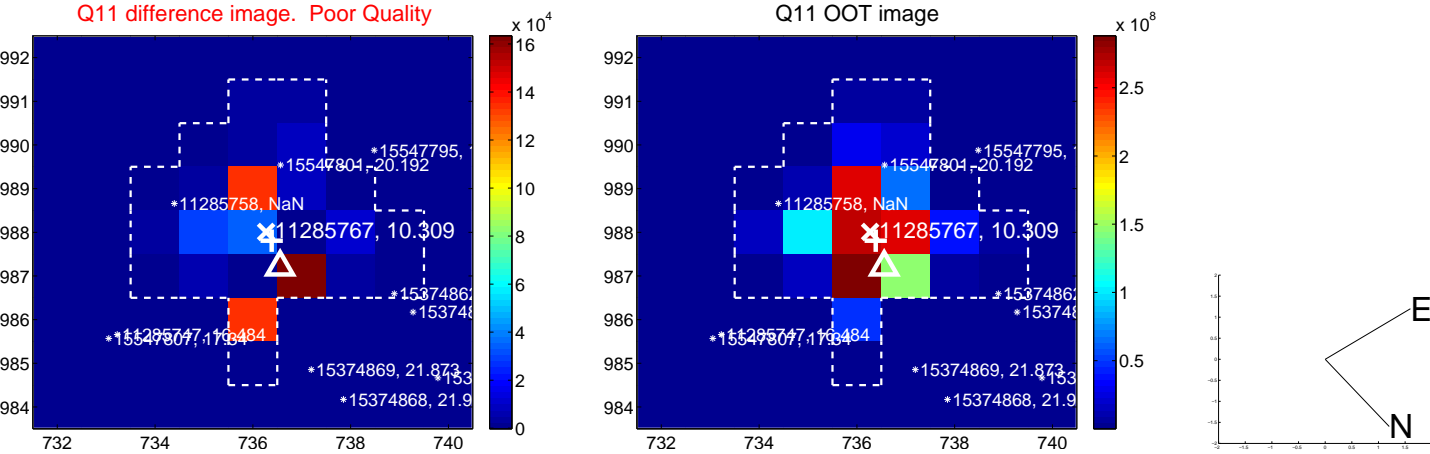
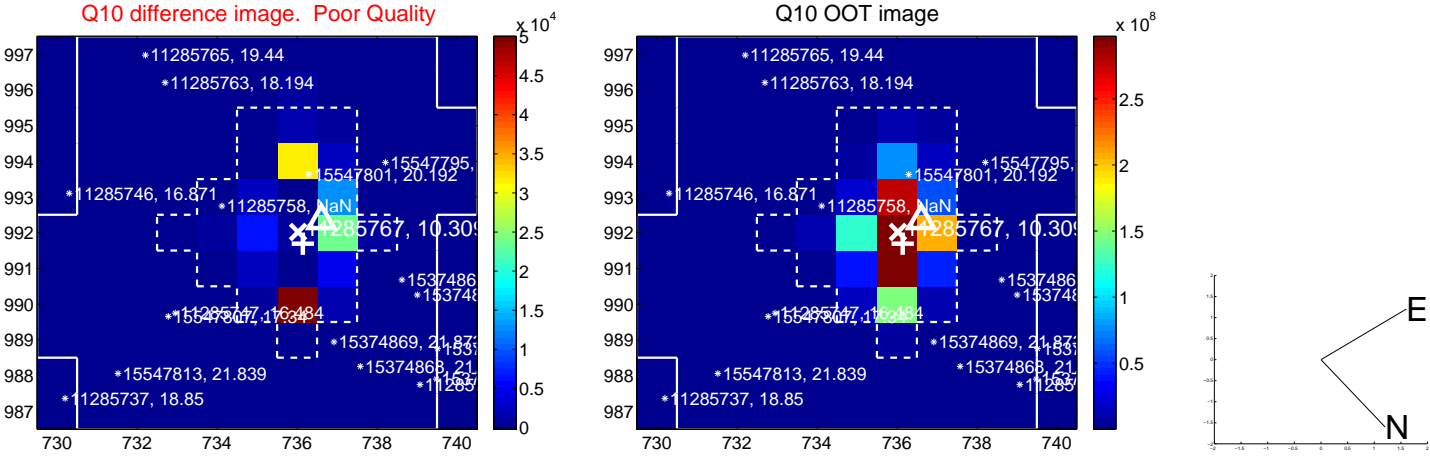
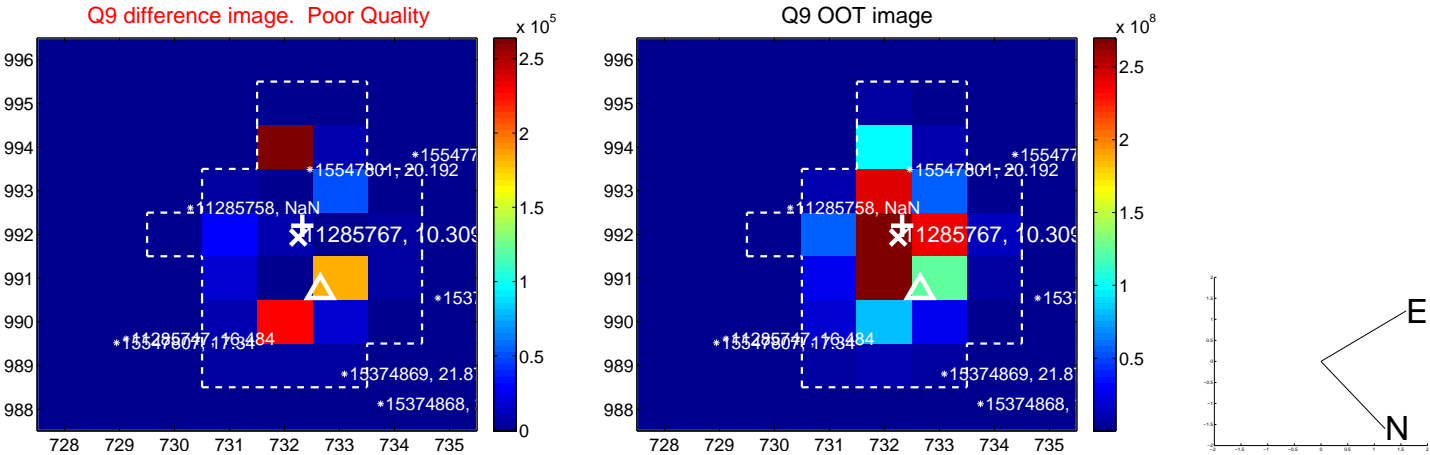
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



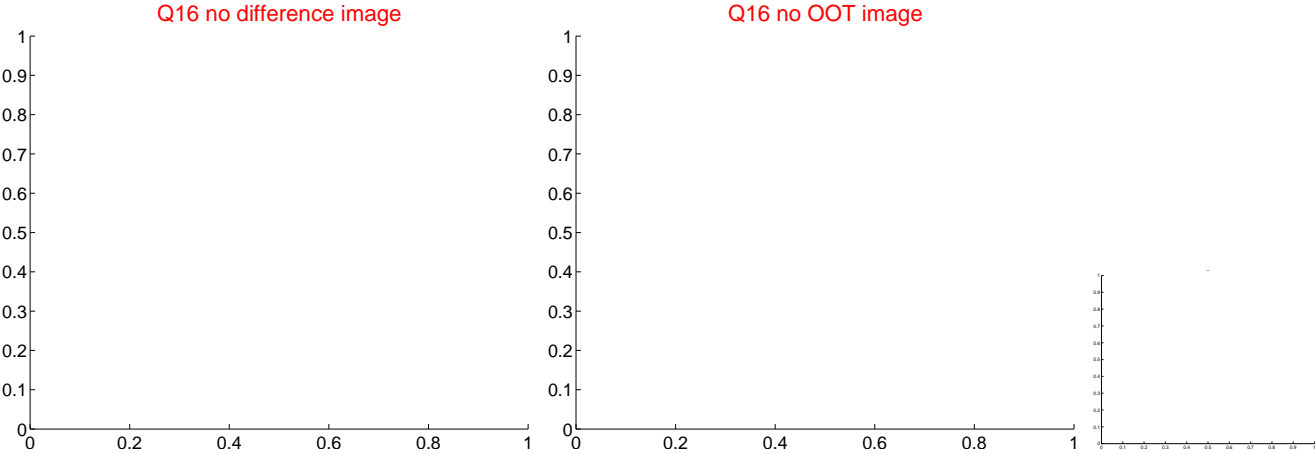
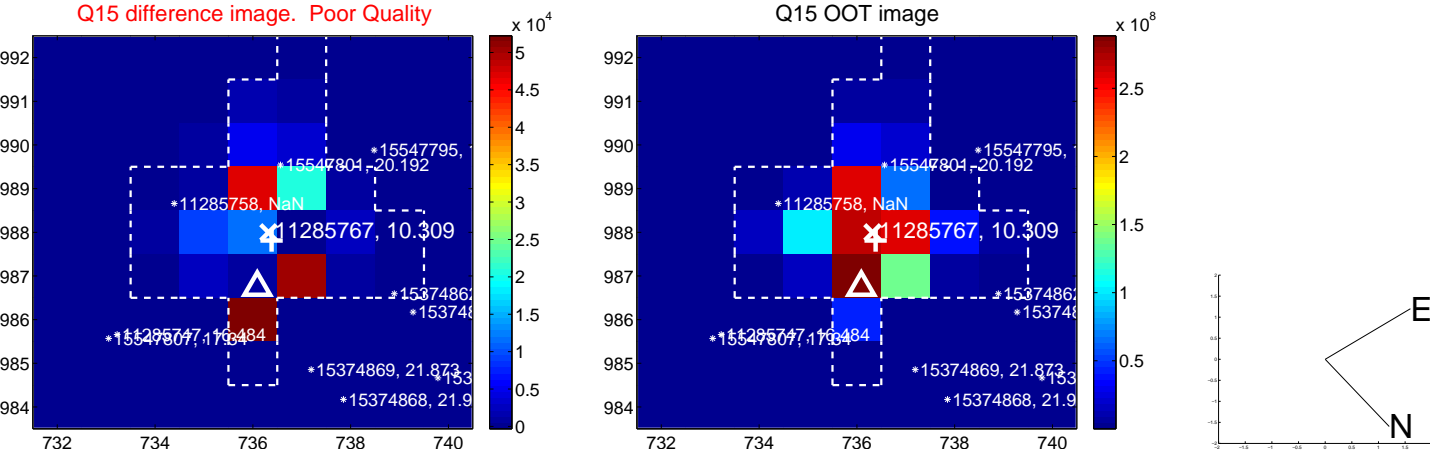
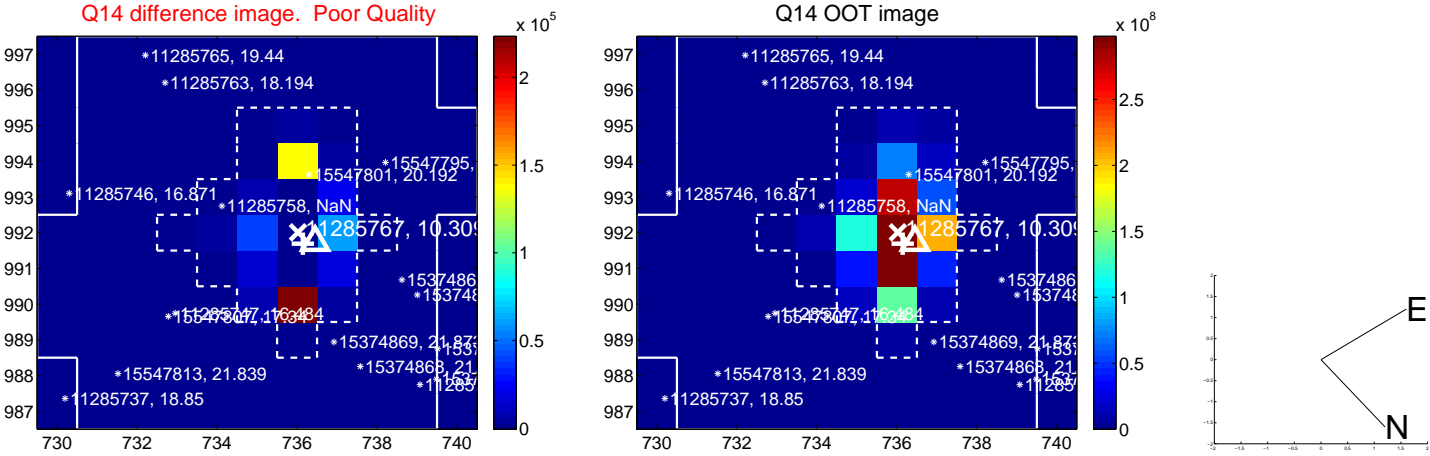
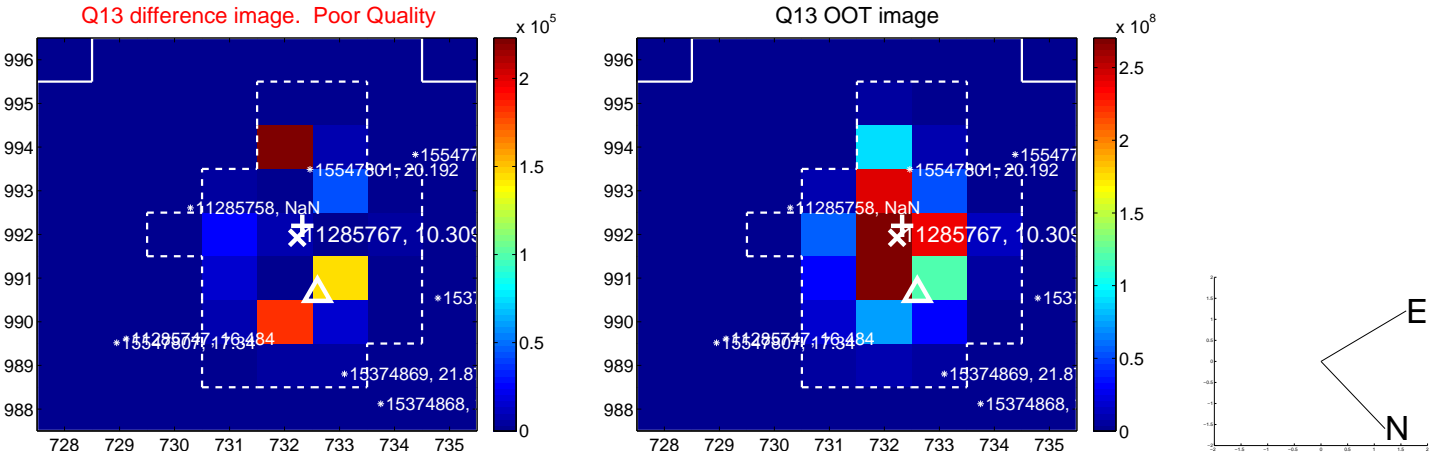
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



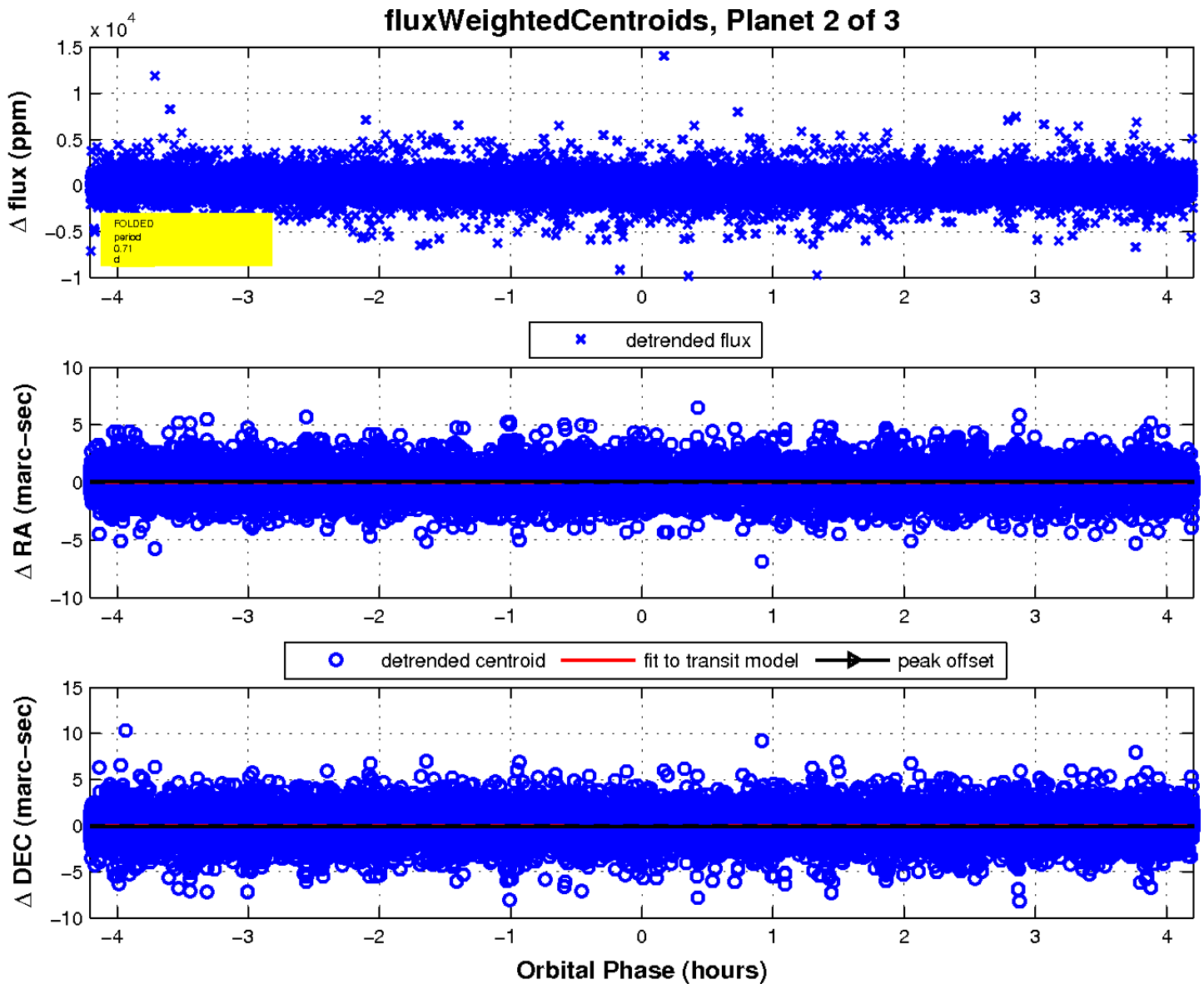
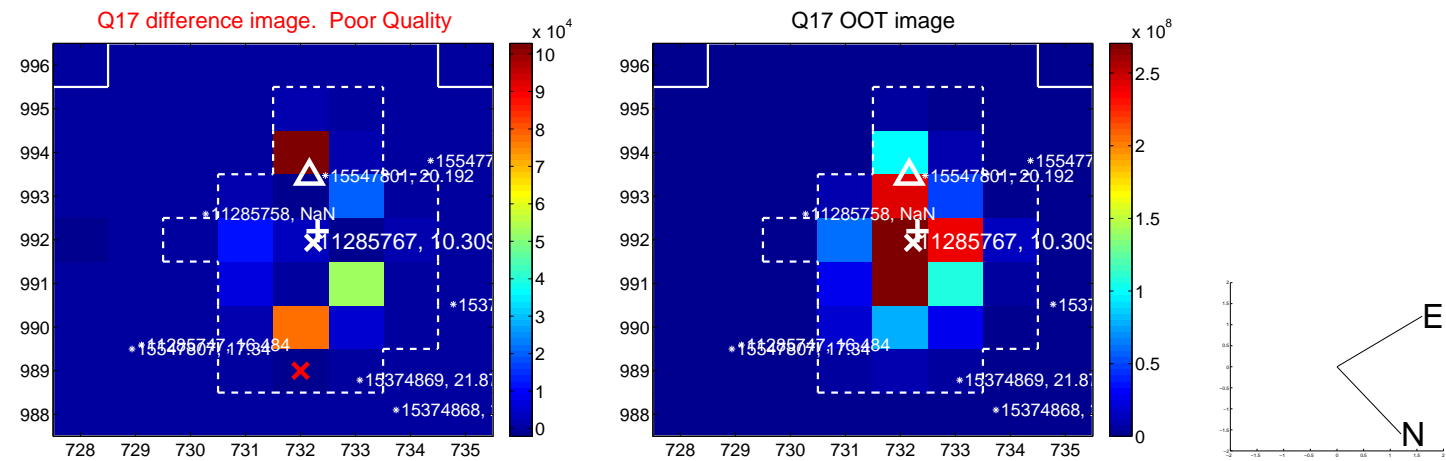
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



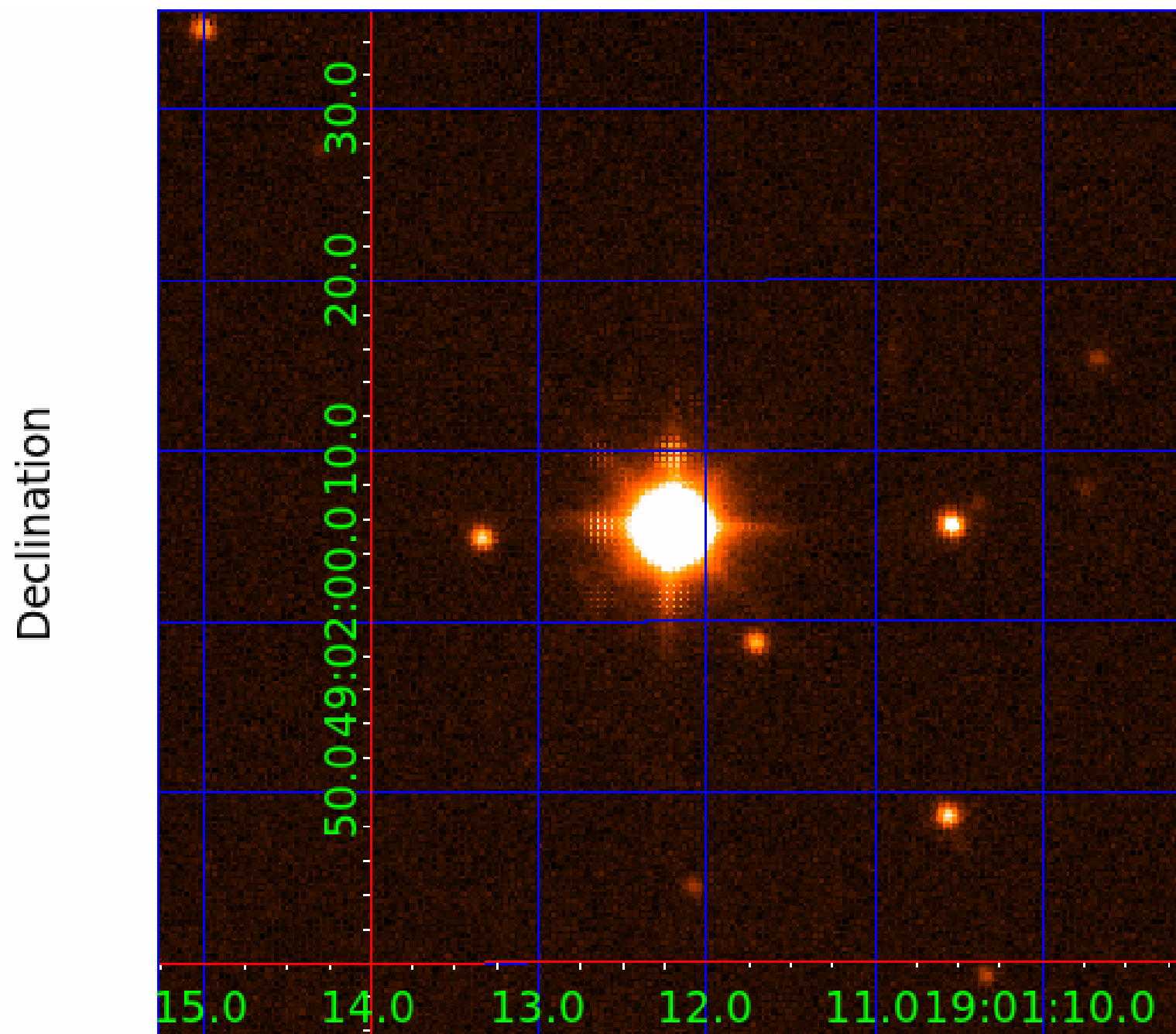
white \times : KIC target position; +: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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



UKIRT Image



KIC 011285767

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})
011285767-01	OBS	No	0.714849	132.040076	81.9	2.516	11.4	7.4	3.38	7684	3.59	92131.30
011285767-02	OBS	No	0.714852	131.559851	101.5	1.402	10.1	7.5	3.38	7684	3.66	92130.72
011285767-03	OBS	No	0.714839	131.802306	85.1	2.518	8.9	7.5	3.38	7684	3.40	92133.02

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
011285767-01	OBS	FP	0.00	1	0	0	0	LPP_DV—LPP_ALT—MOD_NONUNIQ_DV—MOD_NONUNIQ_ALT—MOD_TER_ALT—CENT_SATURATED
011285767-02	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED
011285767-03	OBS	FP	0.00	1	0	0	0	LPP_DV—SAME_NTL_PERIOD—CENT_SATURATED

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

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

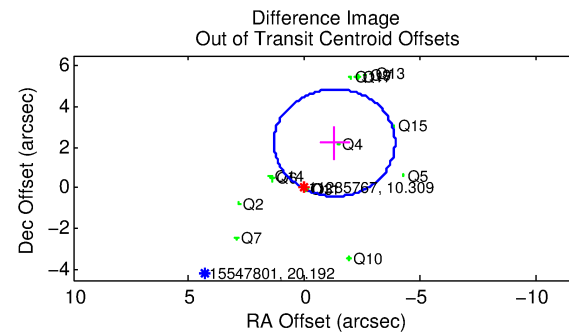
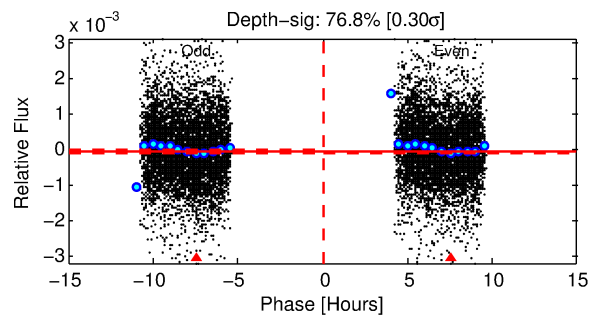
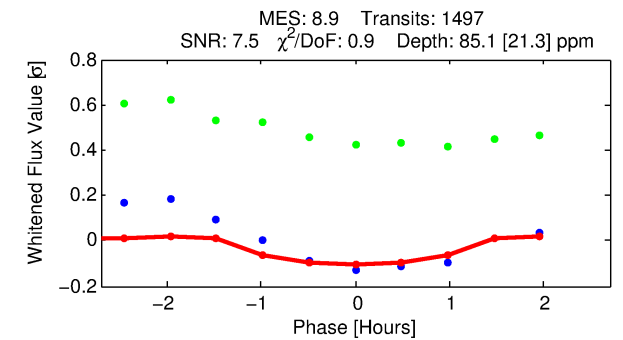
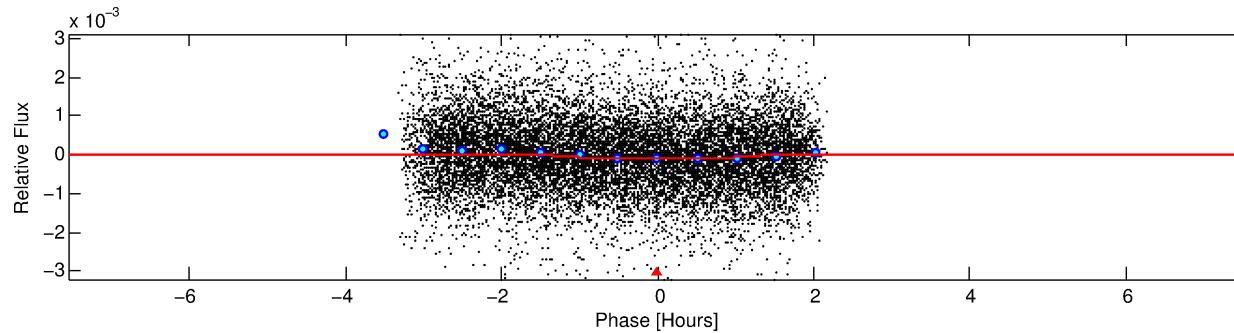
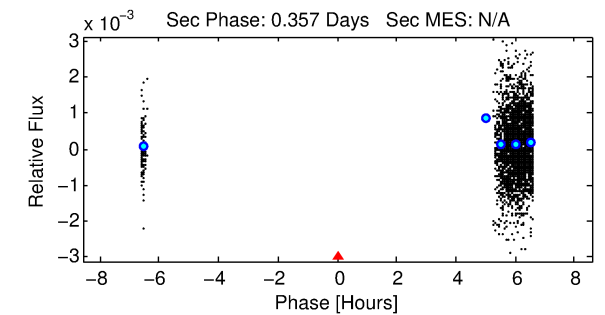
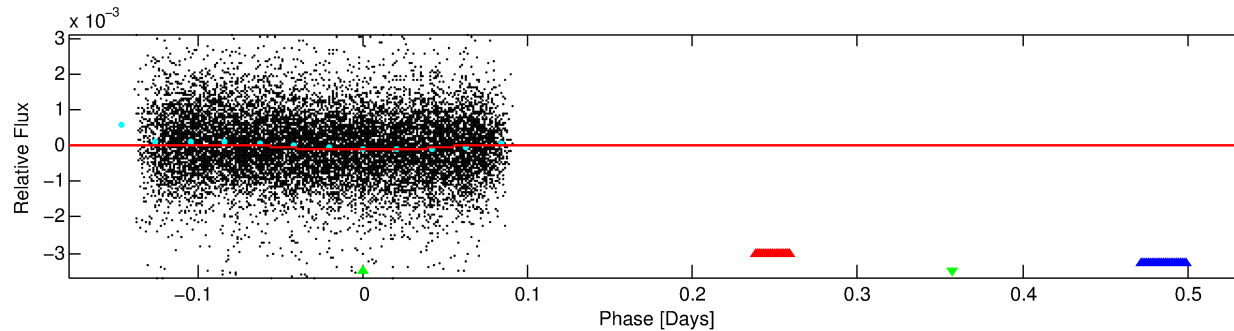
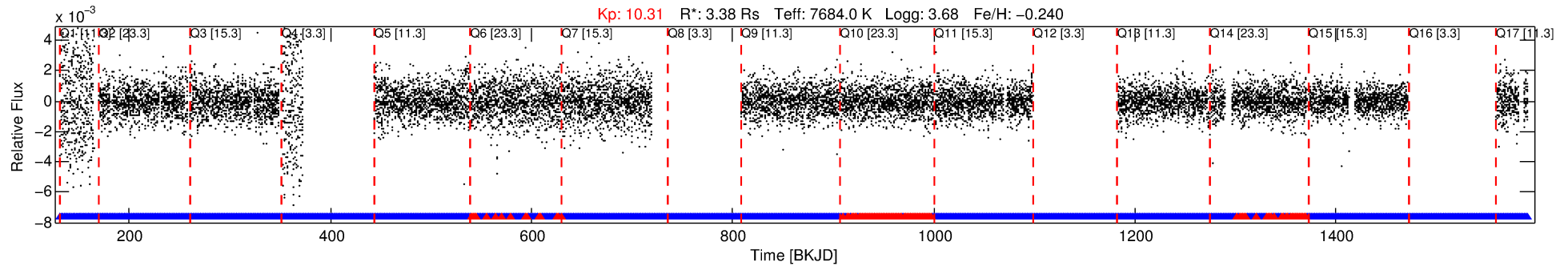
See http://exoplanetarchive.ipac.caltech.edu/docs/API_kepcandidate_columns.html#proj_disp_col for comment definitions.

Ephemeris Match Information For 011285767-03

No Significant Match Found

DV One-Page Summary

KIC: 11285767 Candidate: 3 of 3 Period: 0.715 d



DV Fit Results:

Period = 0.71484 [0.00002] d
Epoch = 131.8023 [0.0042] BKJD
 $R_p/R^* = 0.0092$ [0.0086]
 $a/R^* = 1.68$ [5.20]
 $b = 0.76$ [2.75]
 $\text{Seff} = 92133.02$ [77294.53]
 $T_{\text{eq}} = 4443$ [932] K
 $R_p = 3.40$ [3.62] R_e
 $a = 0.0197$ [0.0100] AU

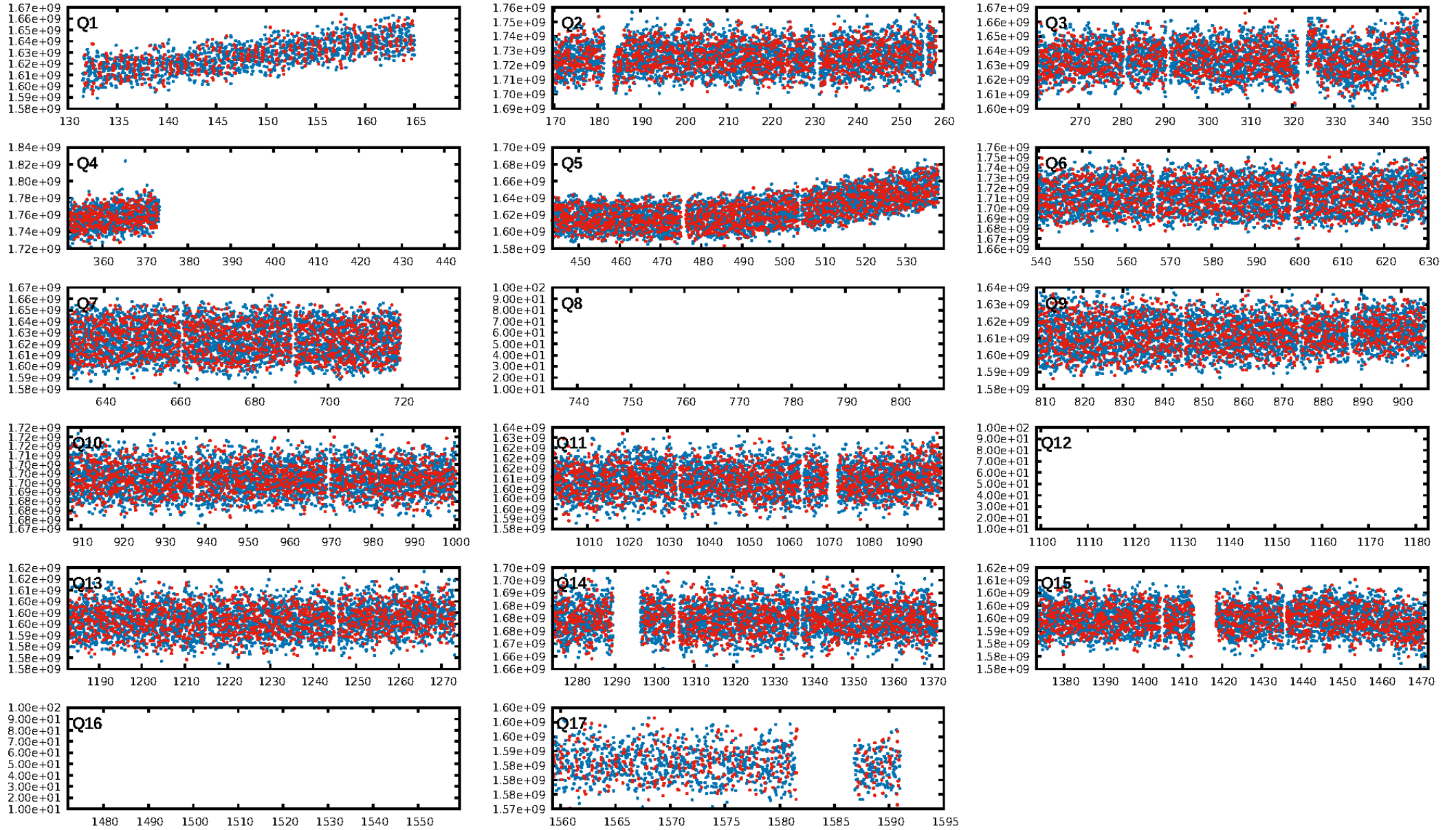
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: 0.0% [0.00σ]
ModelChiSquare2-sig: N/A
ModelChiSquareGof-sig: N/A
Bootstrap-pfa: N/A
RollingBand-fgt: 0.90 [1238/1383]
GhostDiagnostic-chr: 1.351
Centroid-sig: 0.0%
Centroid-so: 0.928 arcsec [3.50σ]
OotOffset-rm: 2.571 arcsec [2.94σ]
OotOffset-st: 4/4/1/5 [14]
KicOffset-rm: 2.946 arcsec [4.58σ]
KicOffset-st: 4/4/1/5 [14]
DiffImageQuality-fgm: 0.00 [0/14]
DiffImageOverlap-fno: 0.00 [0/14]

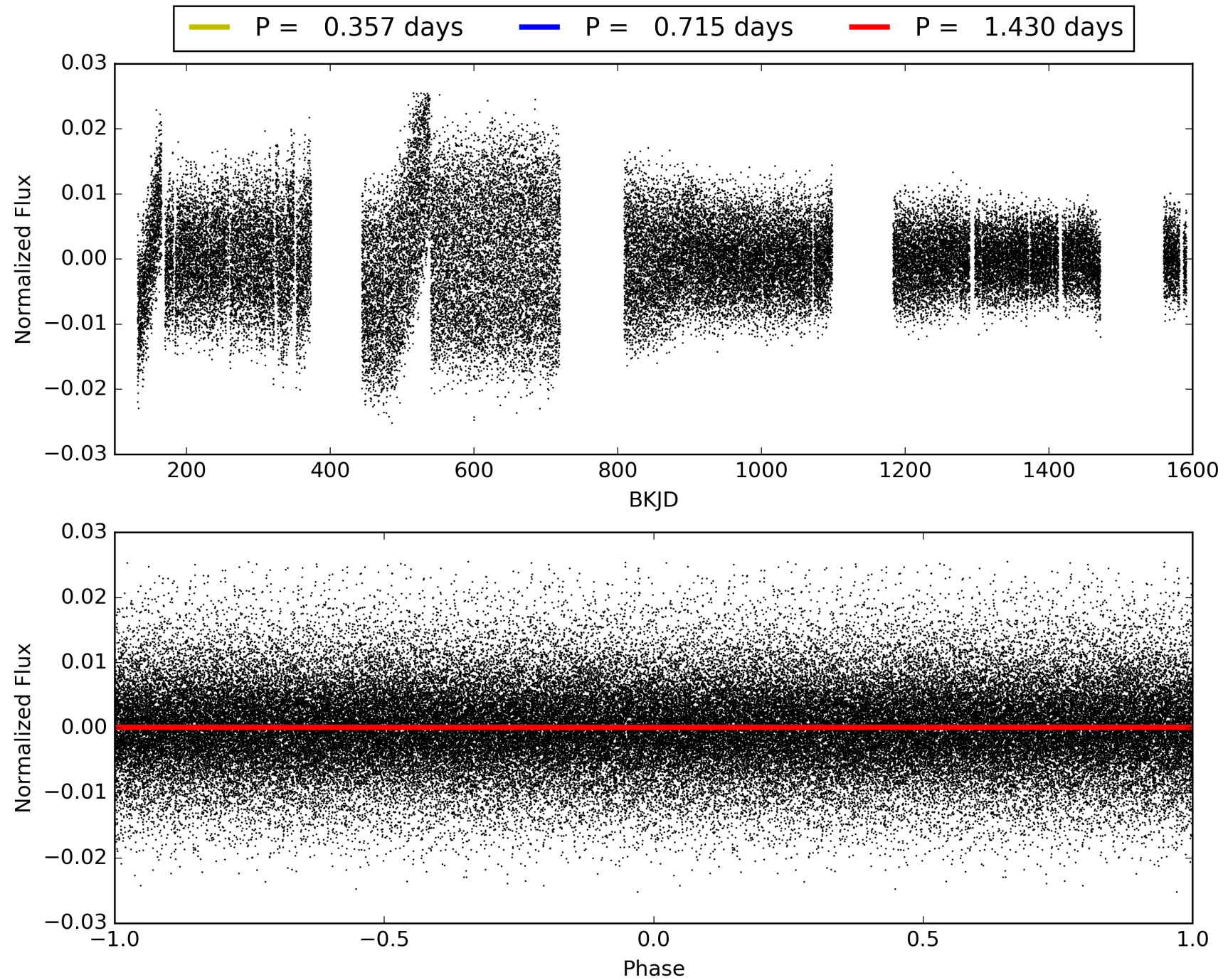
Software Revision: svn+ssh://murzim/repo/soc/tags/release/9.3.42@60958 -- Date Generated: 29-Jan-2016 19:43:44 Z

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

TCE 011285767-03, PDC Light Curves

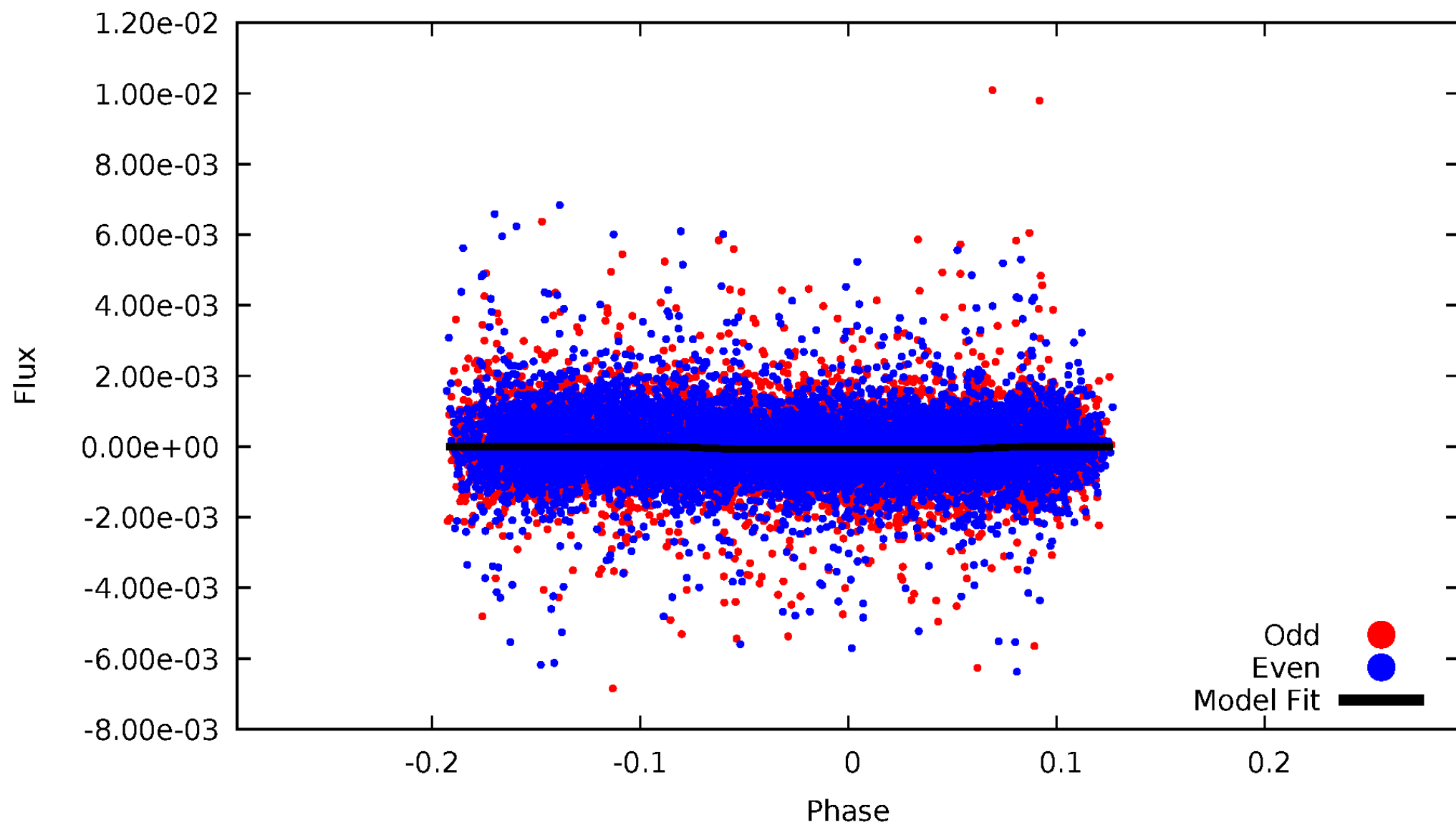


TCE 011285767-03



DV Odd/Even

TCE 011285767-03

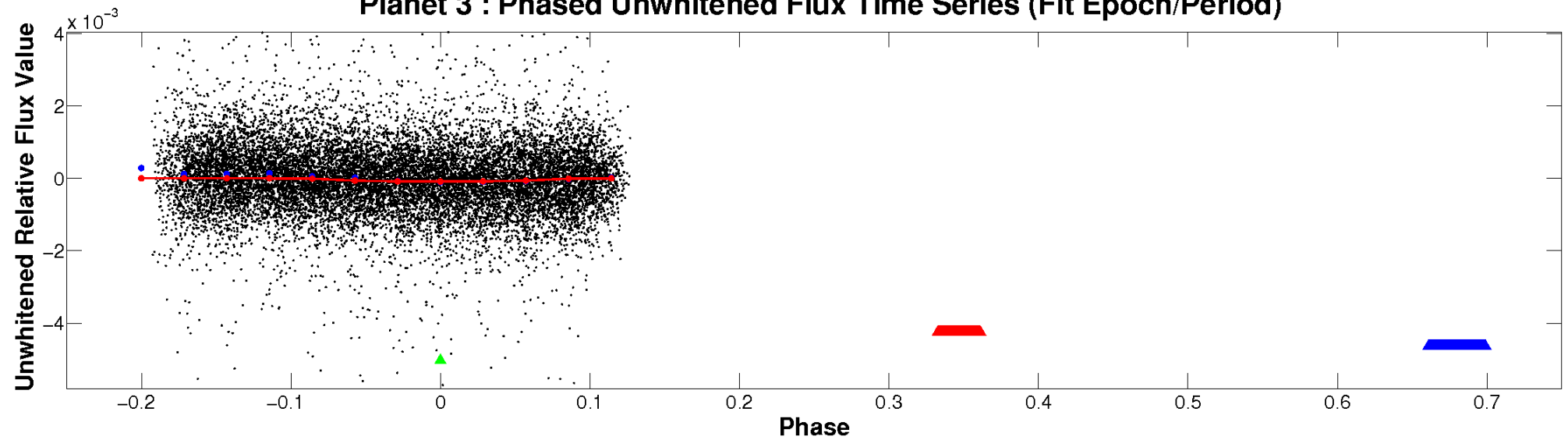


ALT Odd/Even

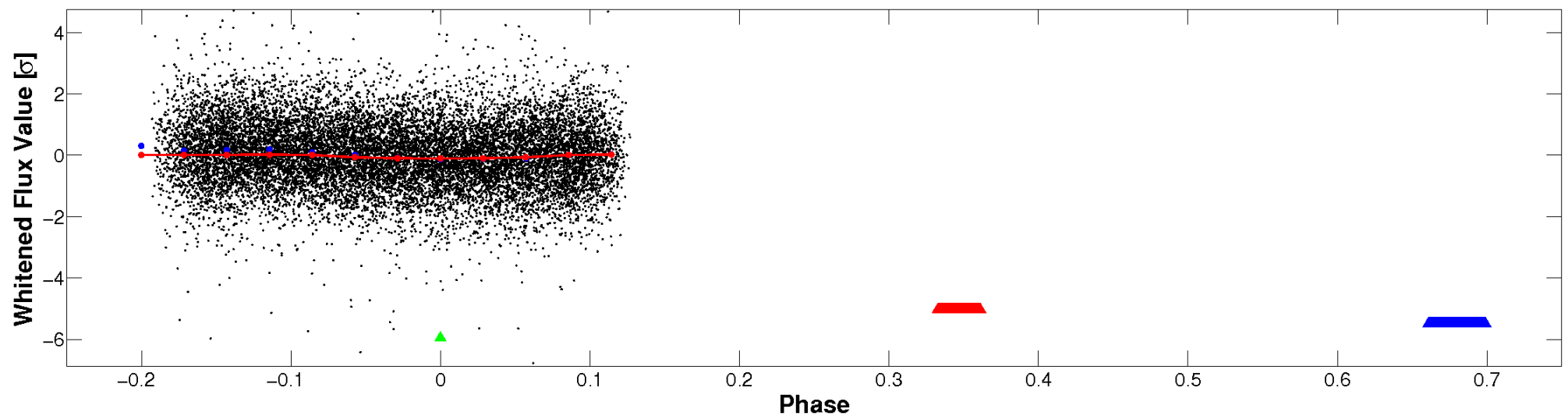
This plot does not exist for this TCE.

Non-Whitened Vs. Whitened Light Curve

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

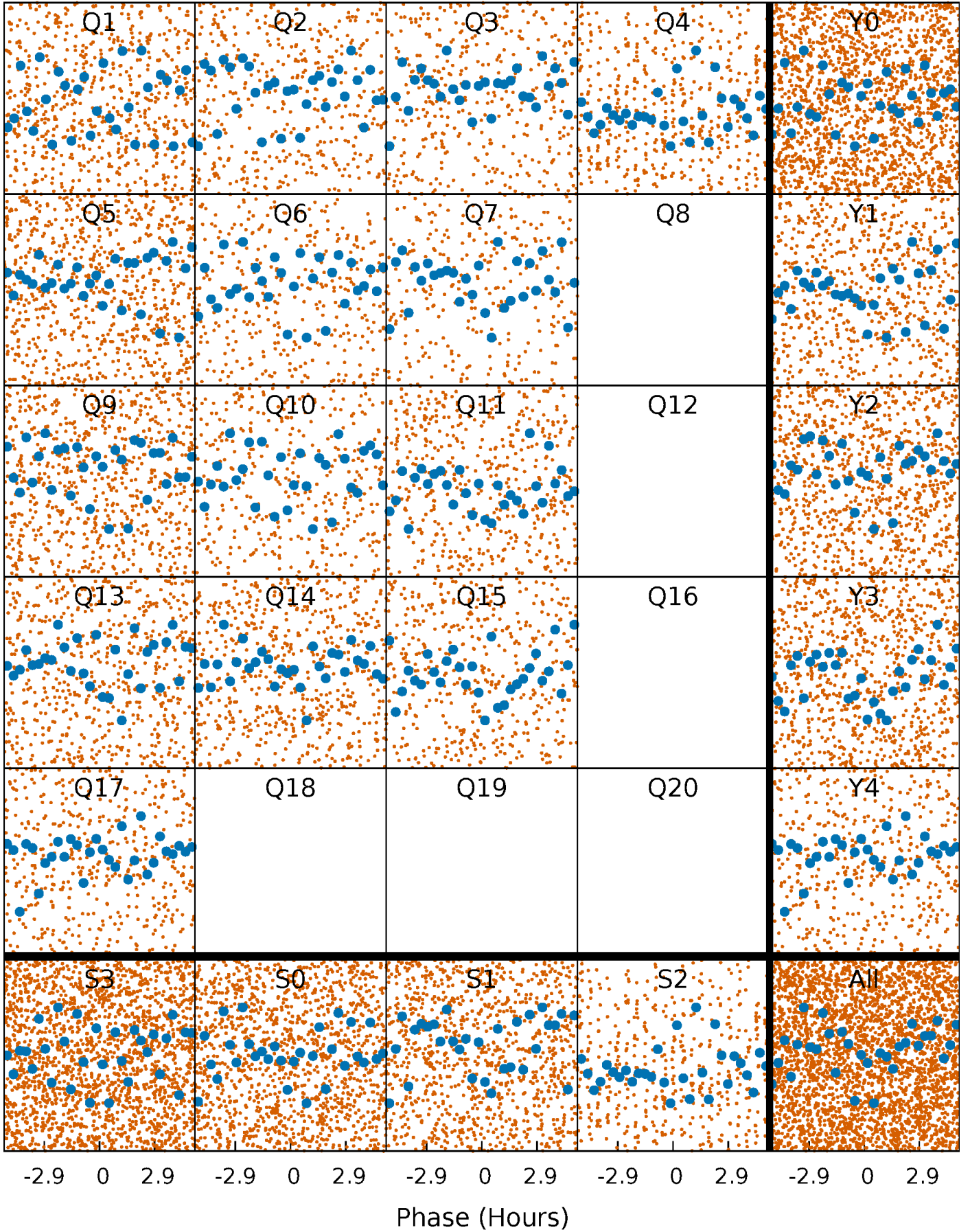


Planet 3 : Phased Whitened Flux Time Series (Fit Epoch/Period)



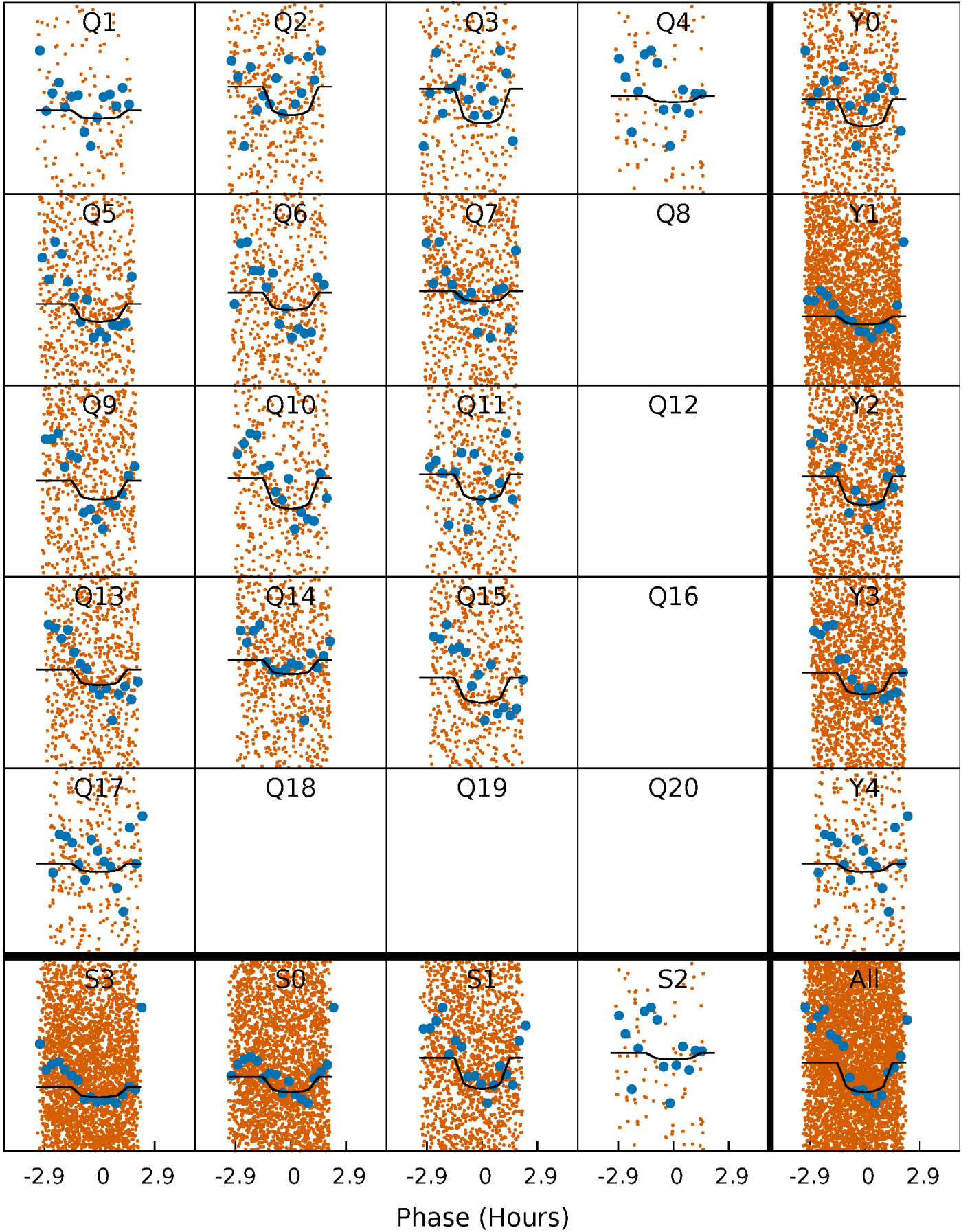
PDC Quarter-Phased Transit Curves

TCE 011285767-03 P= 0.714839 Days $T_0=131.802305$ (BKJD)



DV Quarter-Phased Transit Curves

TCE 011285767-03 P= 0.714839 Days $T_0=131.802305$ (BKJD)

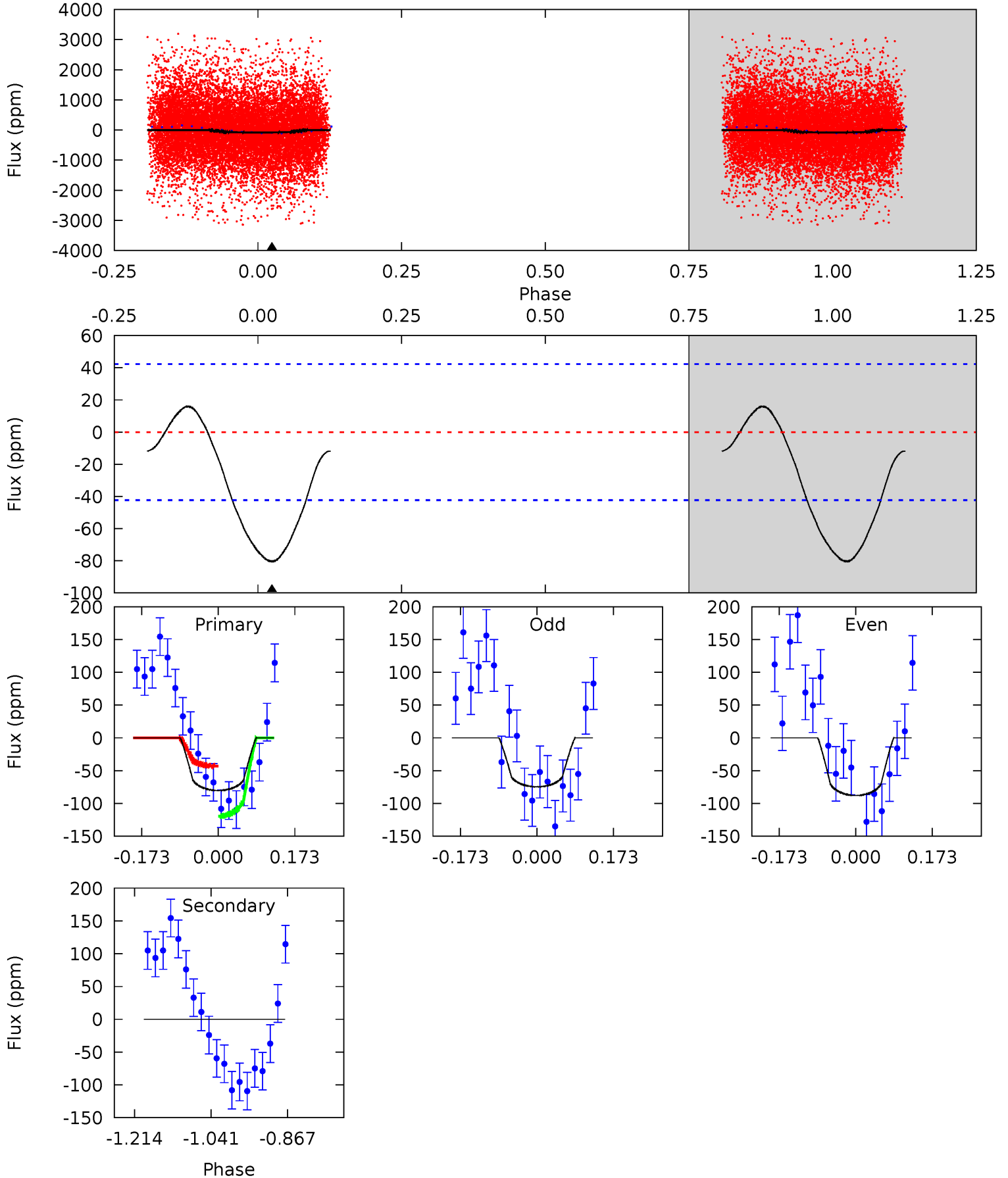


This plot does not exist for this TCE.

DV Model-Shift Uniqueness Test

011285767-03, P = 0.714839 Days, E = 131.087466 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
8.46	0	0	0	4.45	1.36	0.62	8.46	8.46	0	0	0.70	1.19	0.17	4.48



Alt Model-Shift Uniqueness Test

This plot does not exist for this TCE.

Stellar Parameters For KIC 011285767

	$T_{\text{eff}}(K)$	$\log(g)$	[Fe/H]	R (R_{\odot})	$M(M_{\odot})$	p_{\star} ($\text{g}\cdot\text{cm}^{-3}$)
	7684^{+239}_{-319}	$3.679^{+0.486}_{-0.081}$	$-0.240^{+0.250}_{-0.300}$	$3.382^{+0.413}_{-1.755}$	$1.990^{+0.071}_{-0.531}$	$0.072^{+0.382}_{-0.019}$
	+3%/-4%	+13%/-2%	+104%/-125%	+12%/-52%	+4%/-27%	+527%/-26%
Source	KIC0	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 011285767-03 / KOI

Detrend	Depth (ppm)	R_p (R_{\oplus})	T_{max} (K)	T_{obs} (K)	A_{obs}
DV	0 ± 10	$3.48^{+2.89}_{-2.14}$	6002^{+433}_{-785}	-4915^{+1496}_{-750}	$-0.003^{+0.244}_{-0.236}$
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 $A_{obs} \gg 1.0$

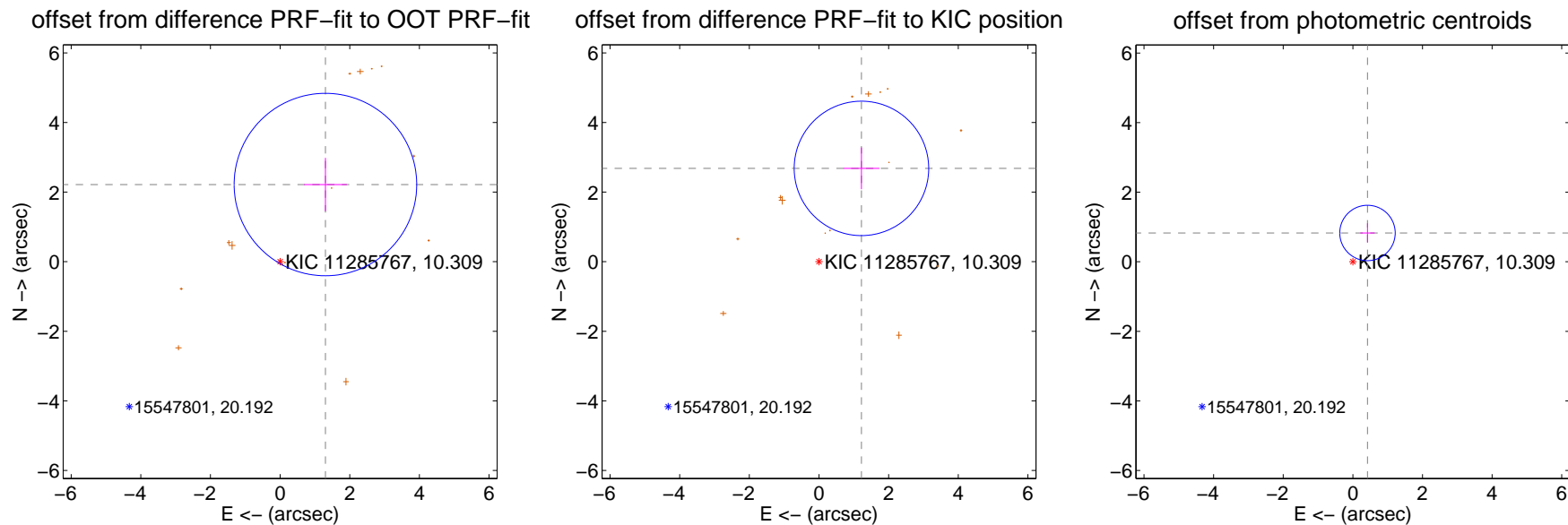
DV Centroid Data

Supplemental centroid analysis for 011285767-03. **Kepler magnitude: 10.31.** Transit SNR 7.52

There are 0 quarters with good PRF difference image offsets

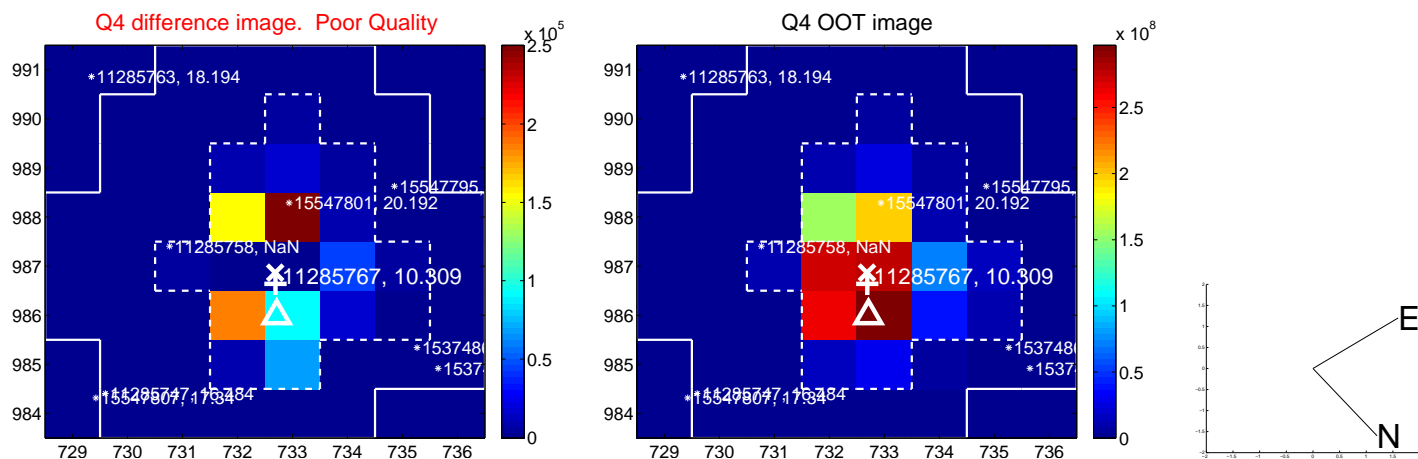
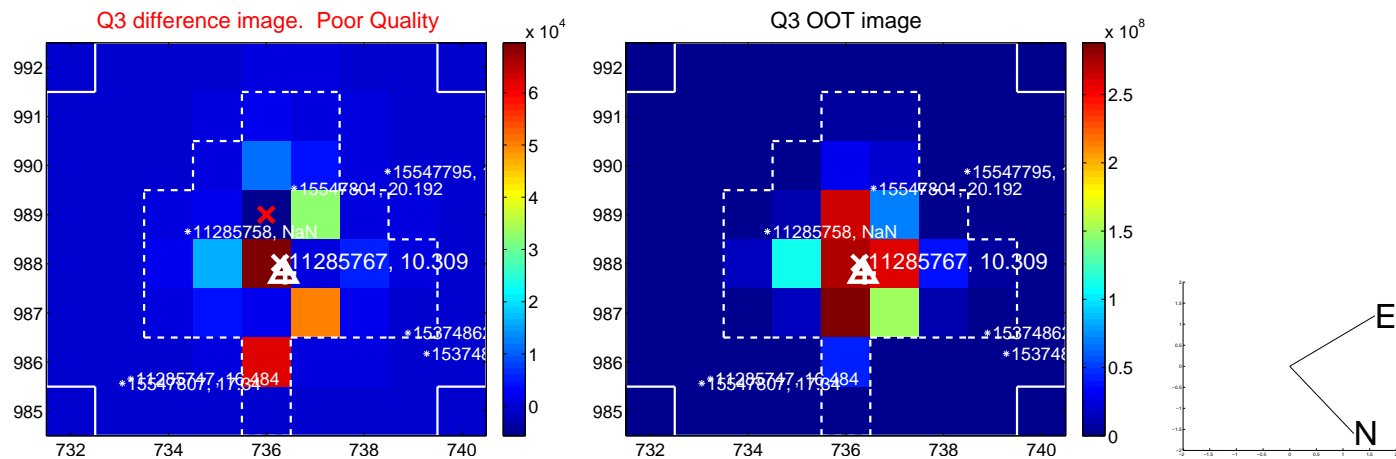
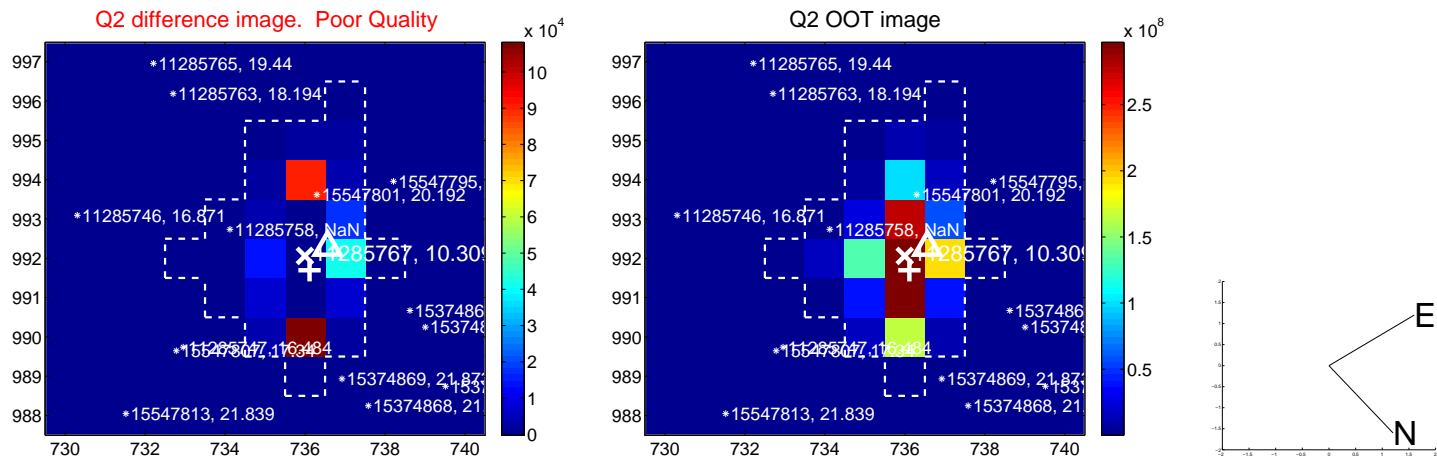
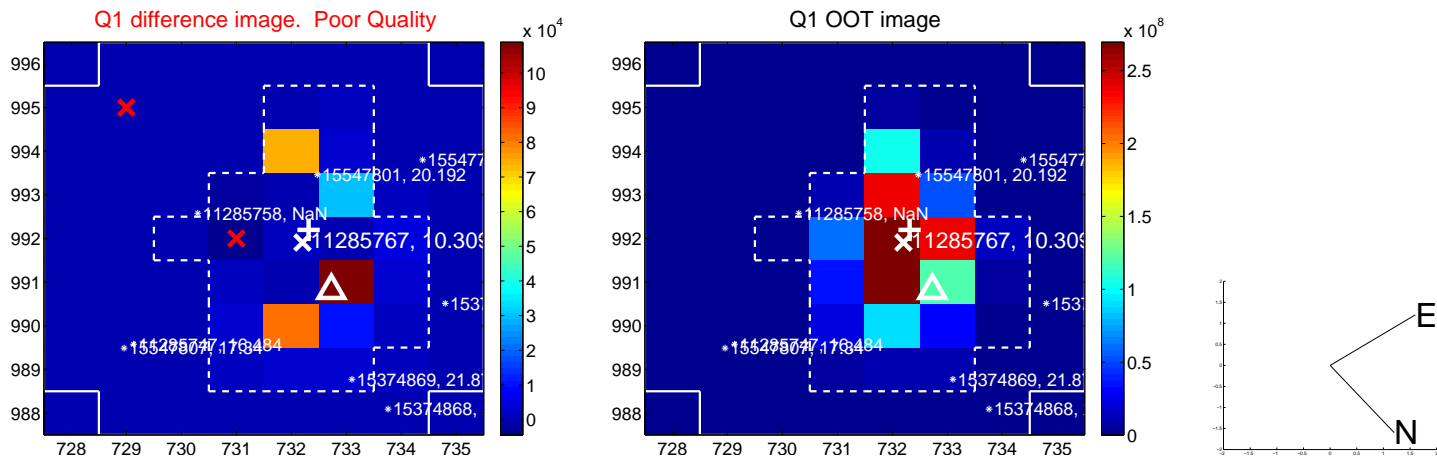
The direct PRF centroid is offset from the target star catalog position by about 1.09 arcsec

	Distance in arcsec	Distance / σ	Δ RA	Δ Dec
PRF-fit source offset from OOT	2.571 ± 0.874	2.94	-1.302 ± 0.614	2.218 ± 0.764
PRF-fit source offset from KIC position	2.946 ± 0.644	4.58	-1.220 ± 0.515	2.682 ± 0.598
photometric centroid source offset	0.93 ± 0.27	3.50	-0.42 ± 0.21	0.83 ± 0.28

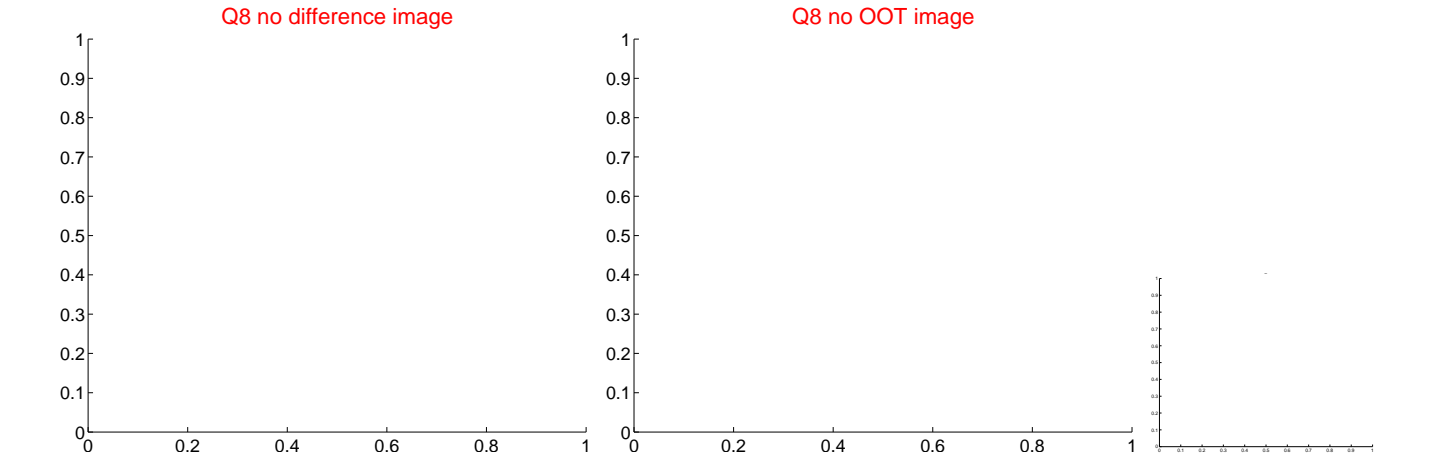
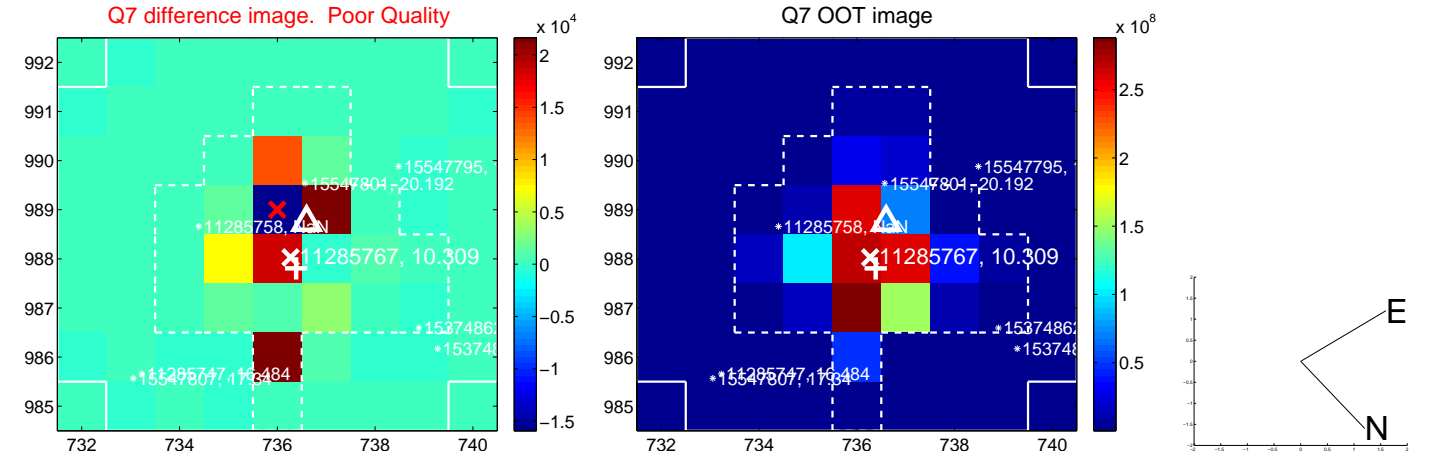
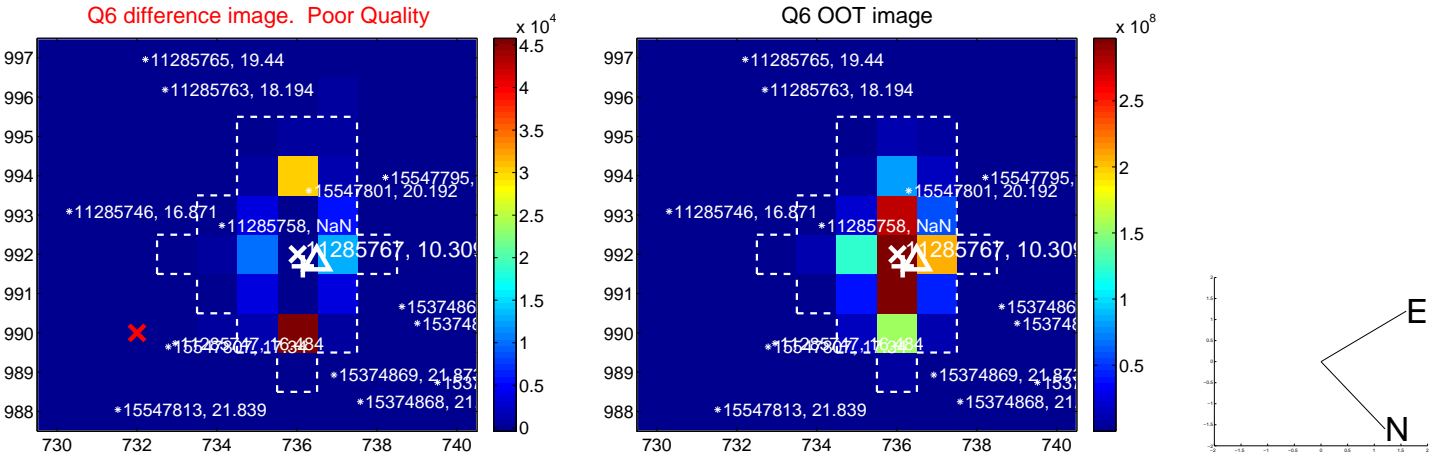
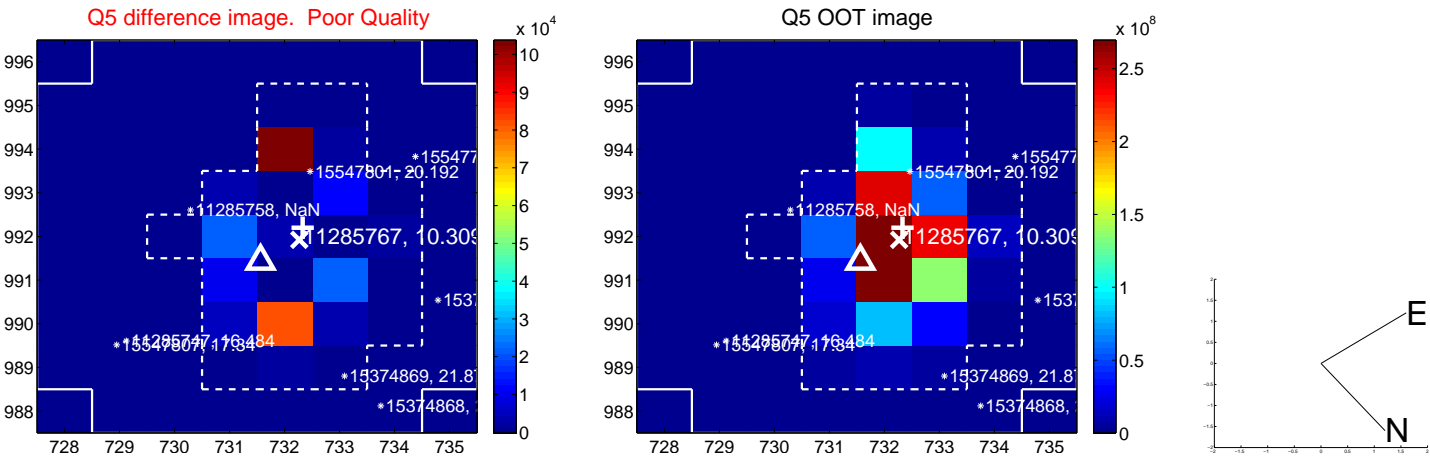


Centroid source offsets from the target star reconstructed from PRF and photometric centroids. **Sky blue crosses: good quarterly centroid offsets; Vermillion crosses: bad quarterly centroid offsets;** magenta cross: average over quarters. Length of the crosses: one- σ uncertainty. Blue circle: three-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

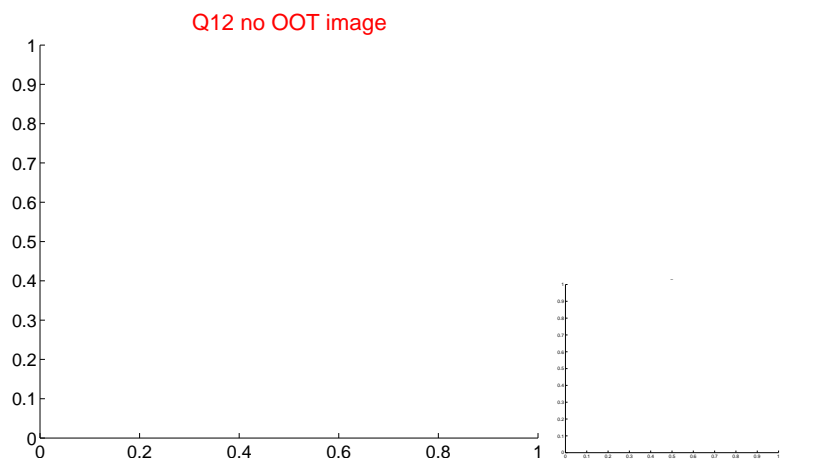
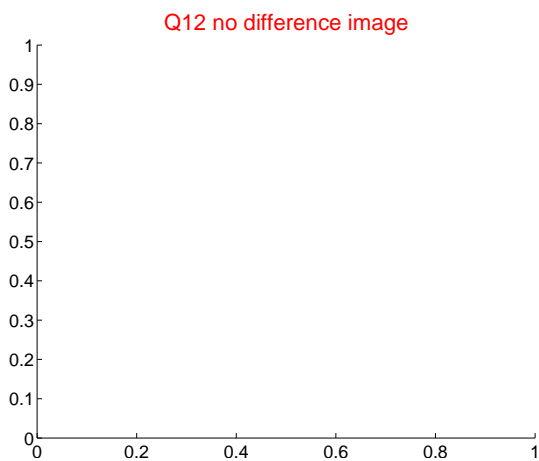
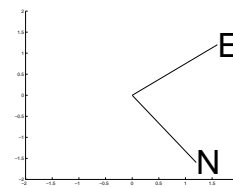
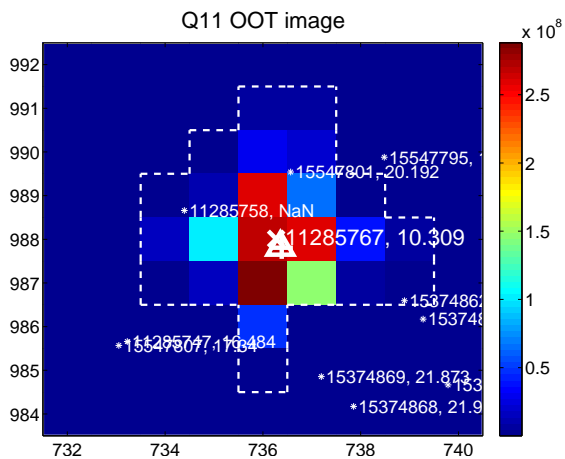
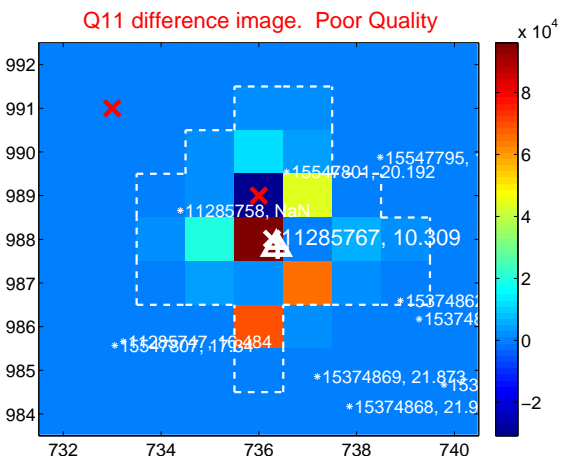
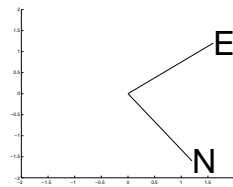
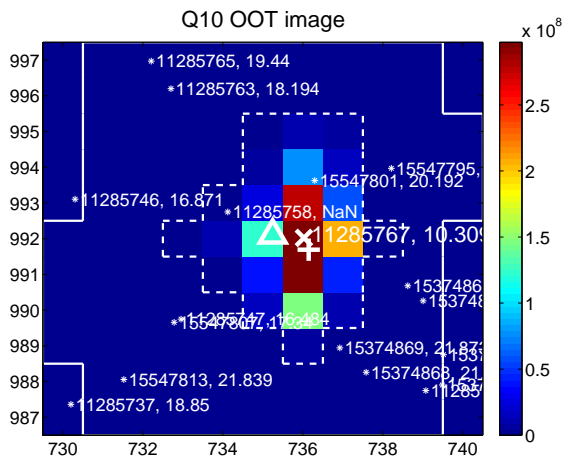
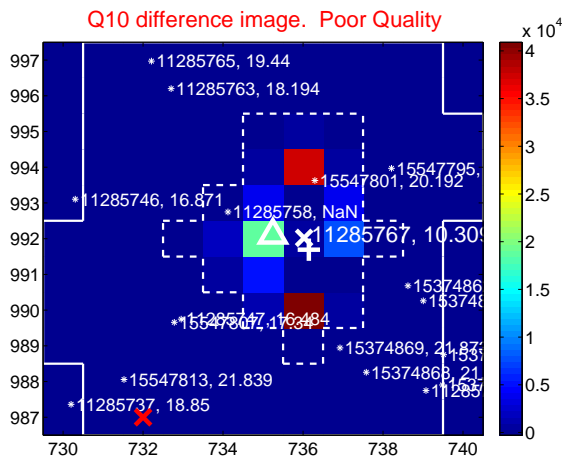
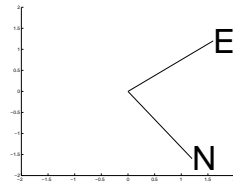
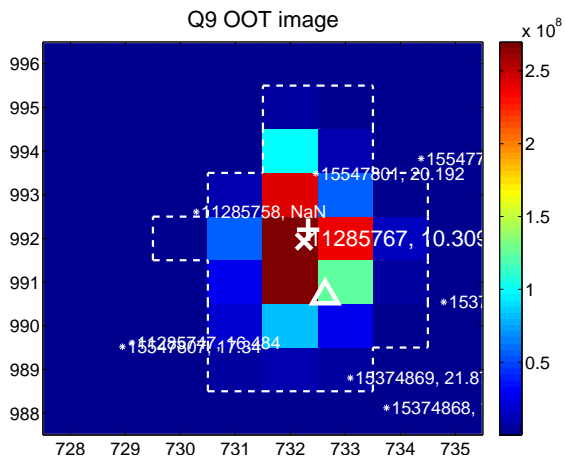
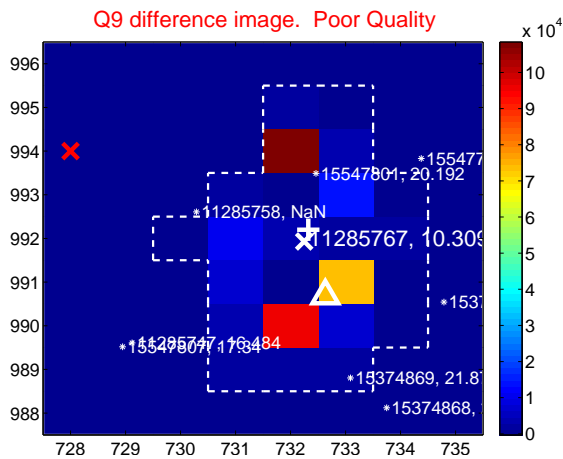
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



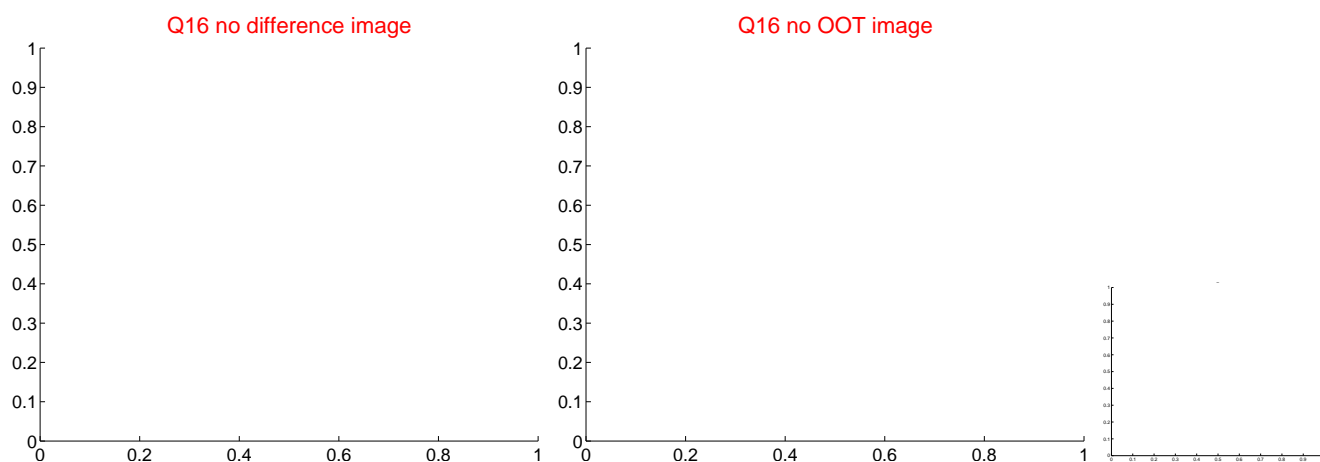
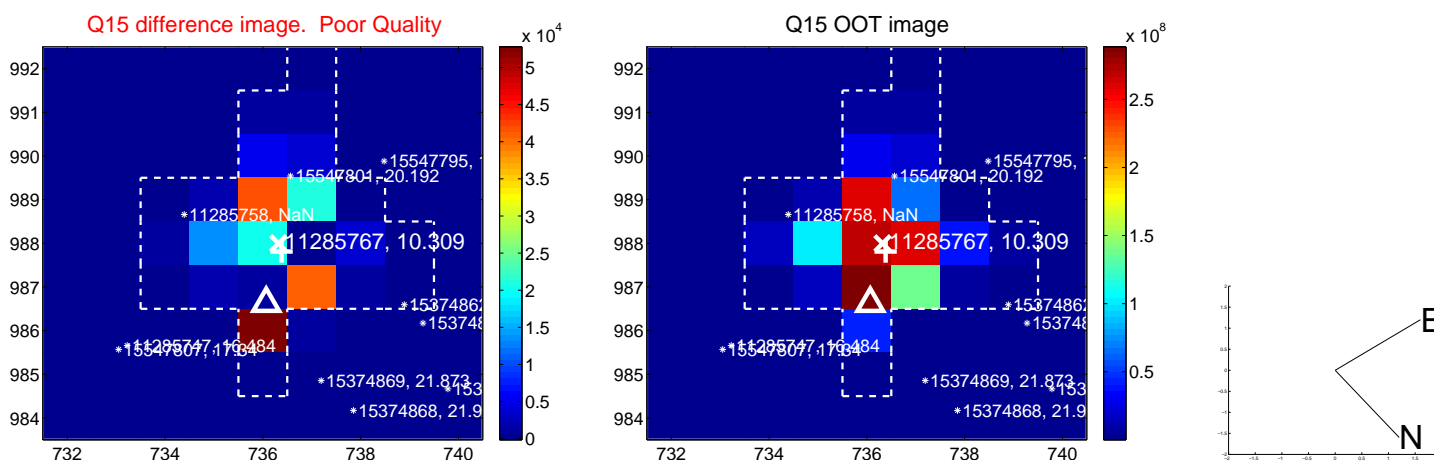
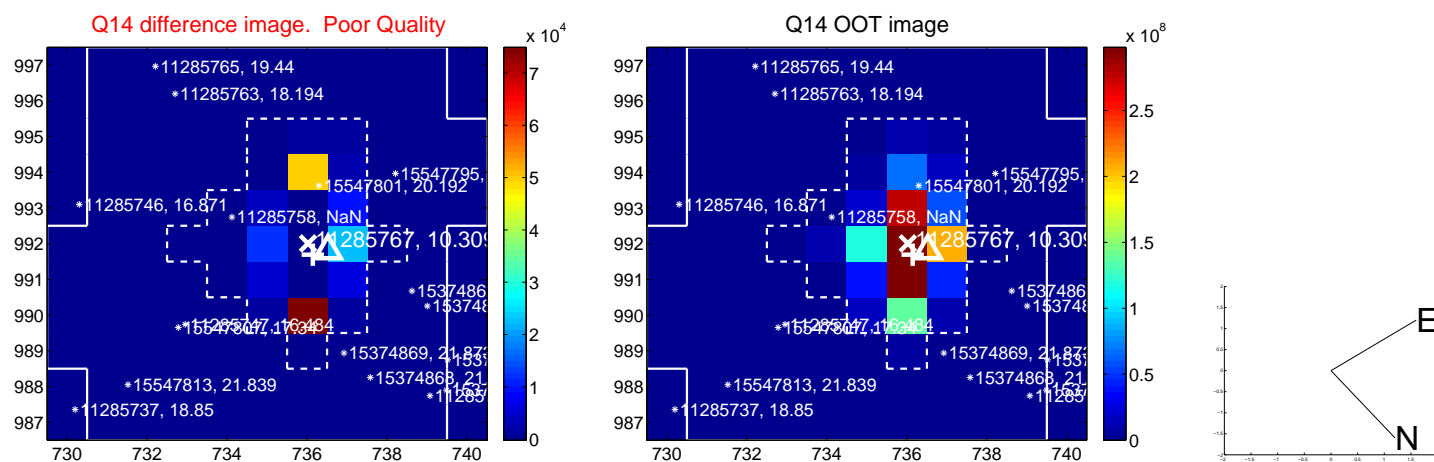
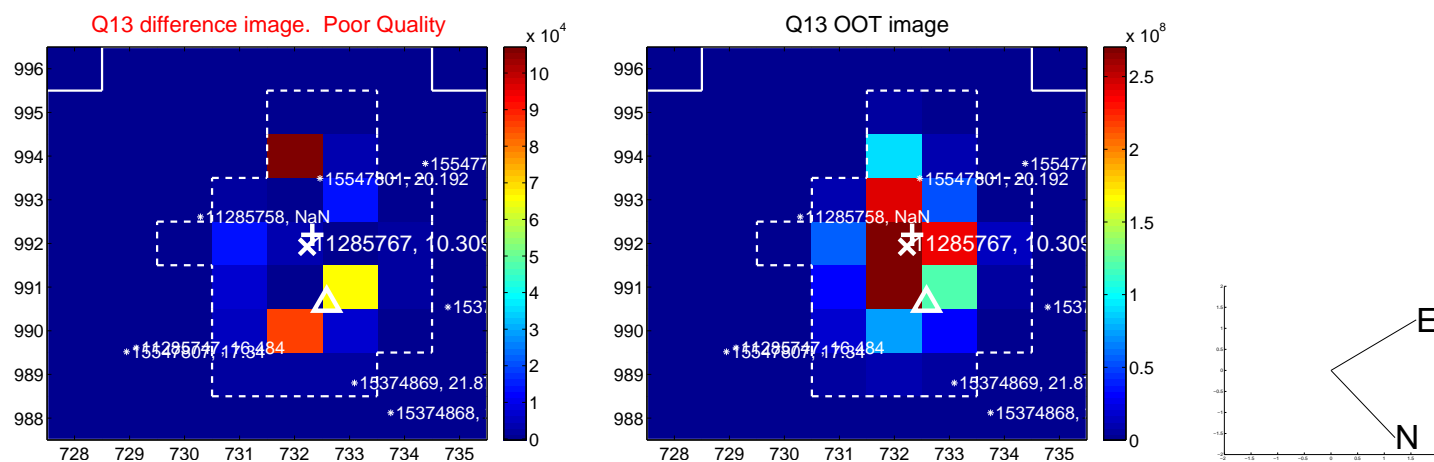
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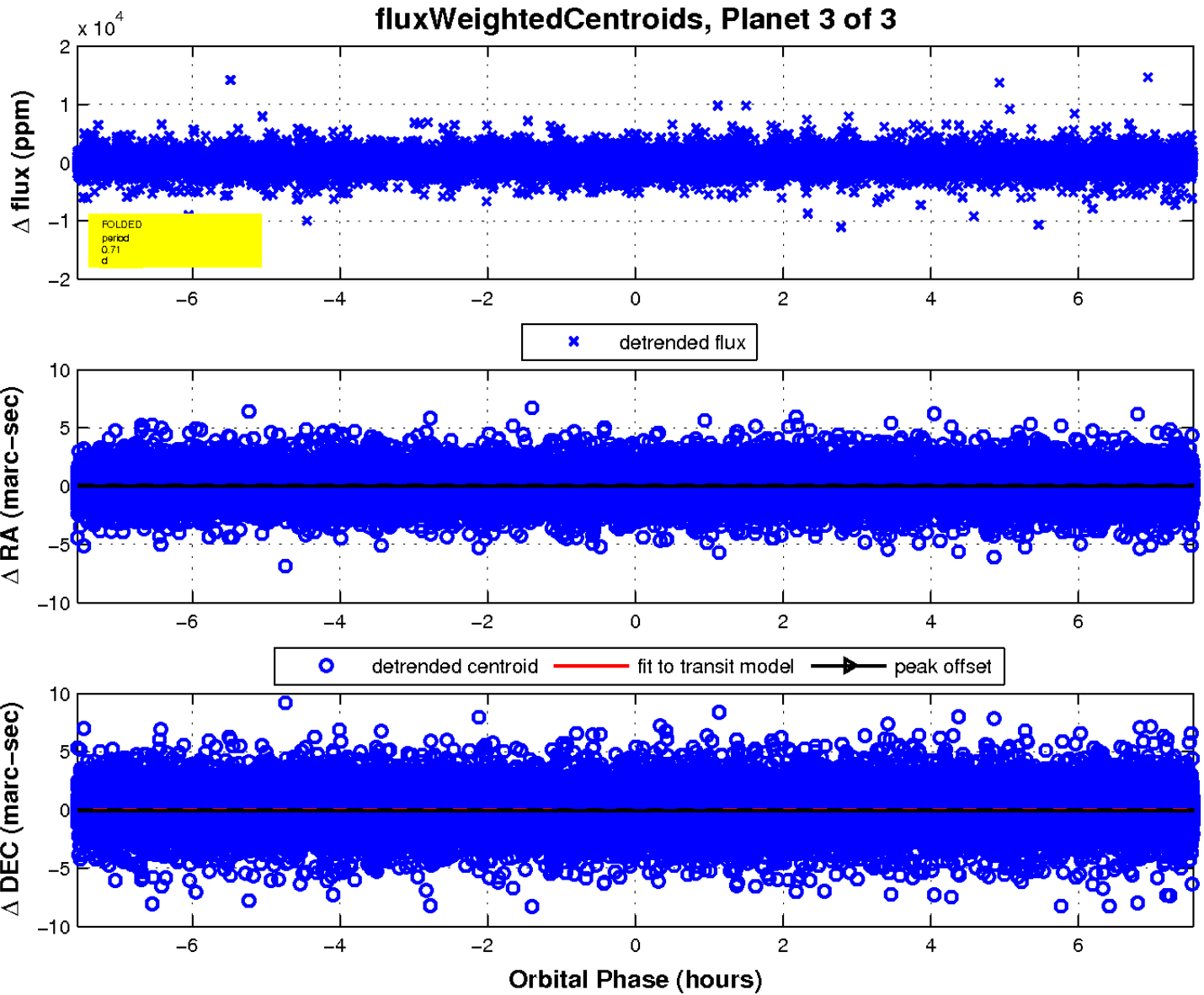
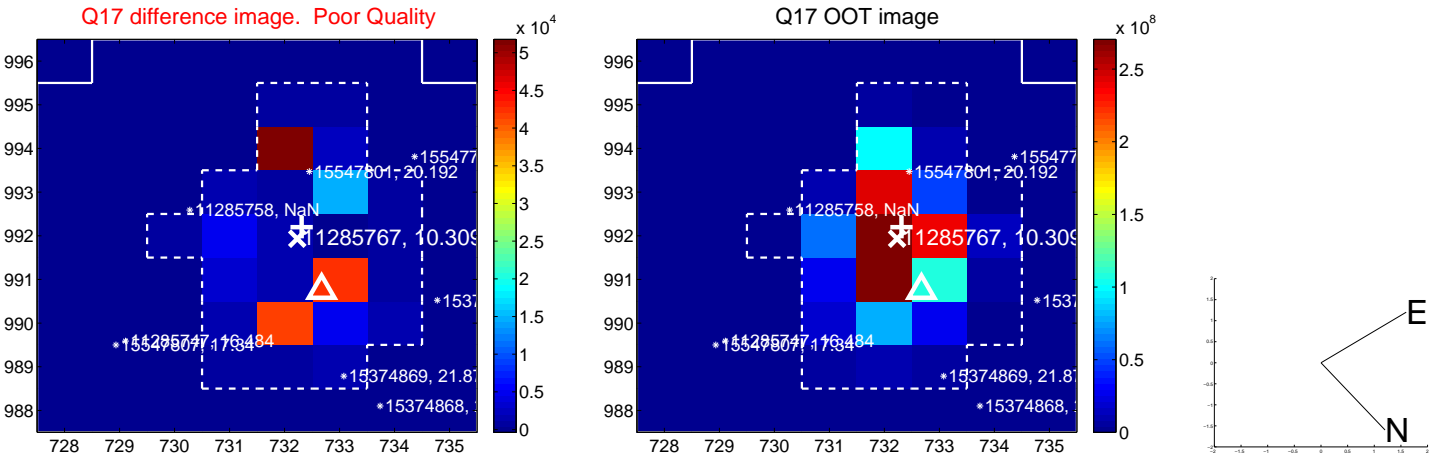
white \times : KIC target position; $+$: OOT centroid; \triangle : difference centroid. red \times : large negative pixel value.



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



UKIRT Image

