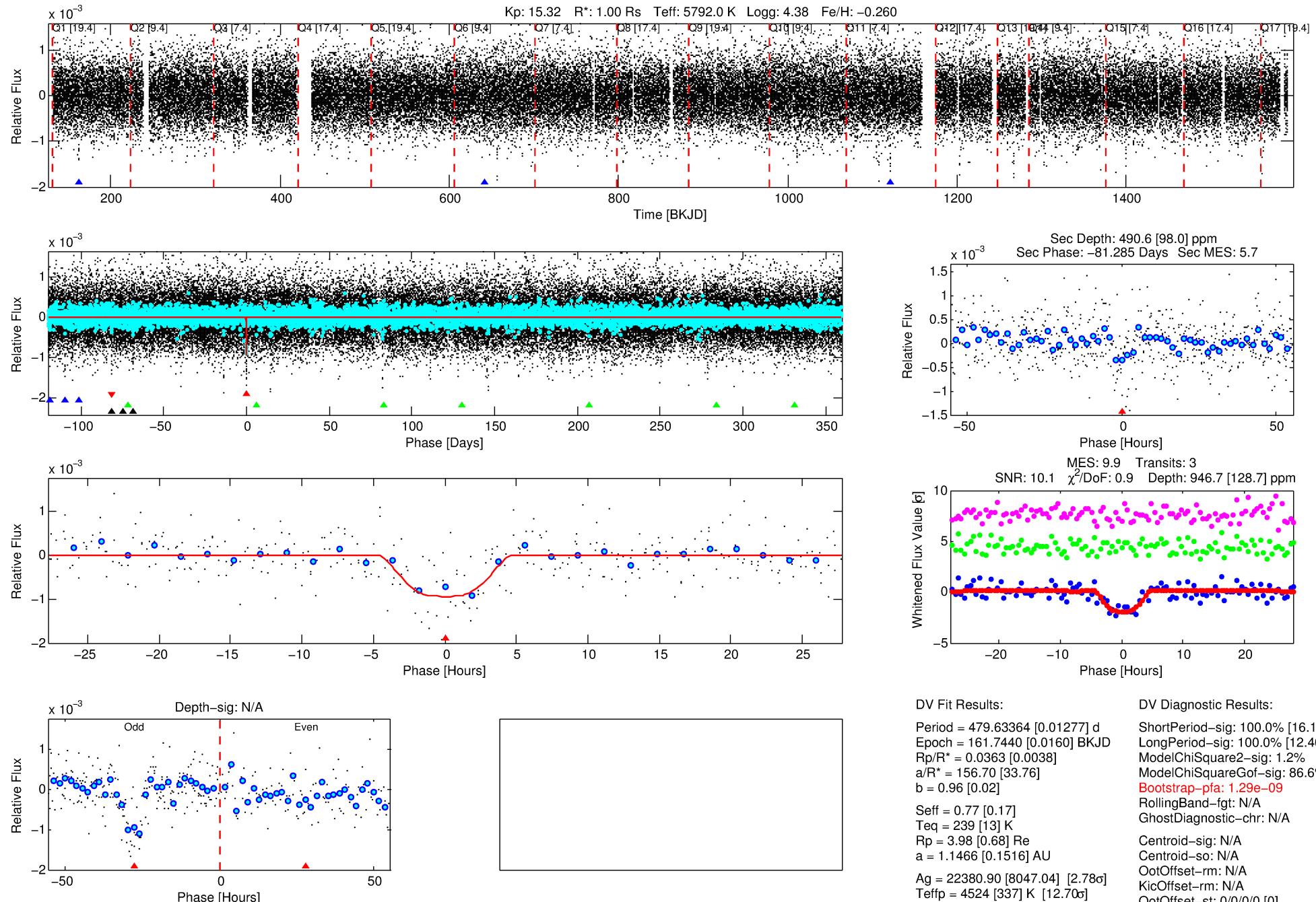


**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**

DV One-Page Summary

KIC: 7703955 Candidate: 1 of 4 Period: 479.634 d

**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**



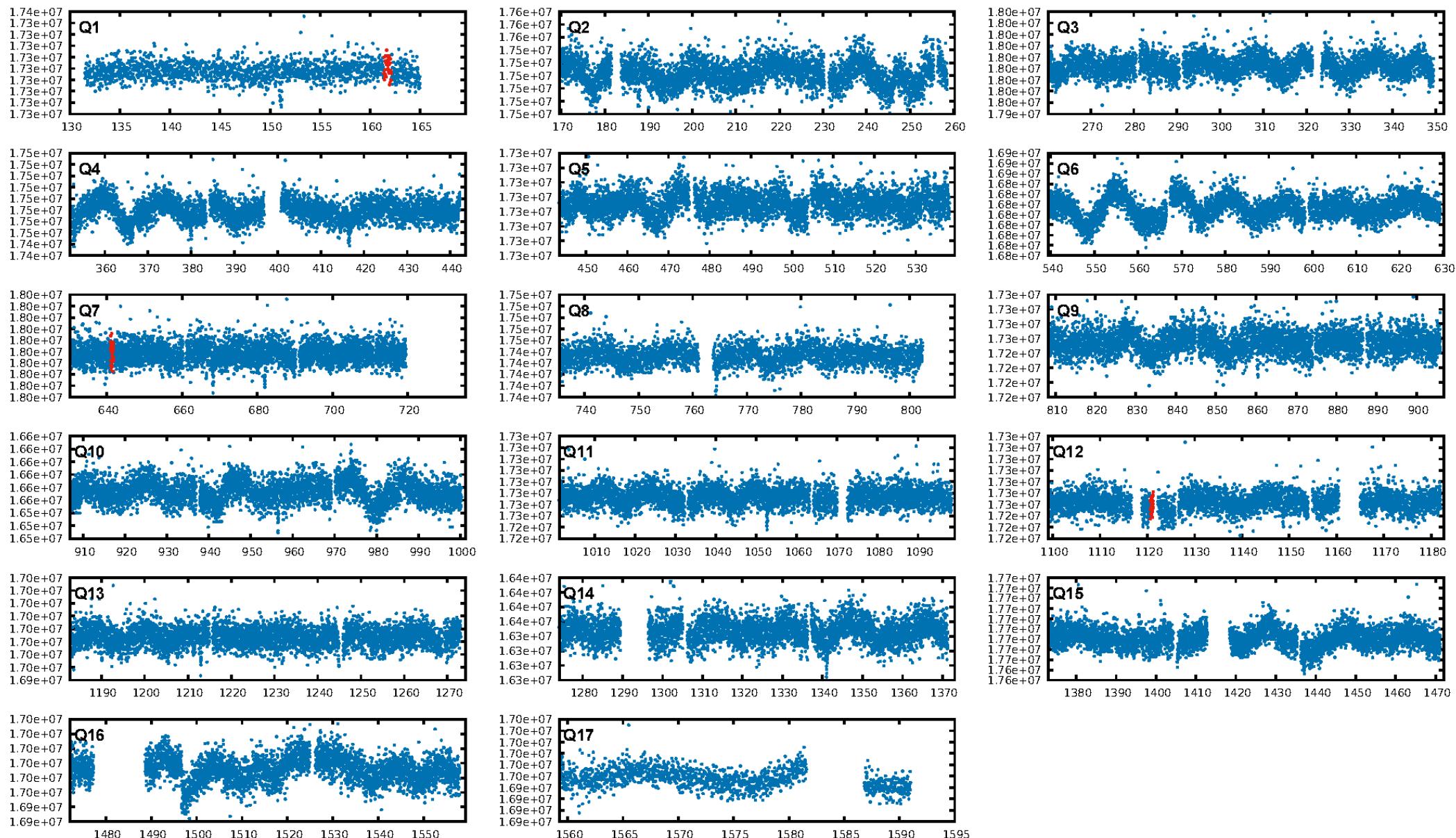
DV Fit Results:

Period = 479.63364 [0.01277] d
Epoch = 161.7440 [0.0160] BKJD
Rp/R* = 0.0363 [0.0038]
a/R* = 156.70 [33.76]
b = 0.96 [0.02]
Seff = 0.77 [0.17]
Teq = 239 [13] K
Rp = 3.98 [0.68] Re
a = 1.1466 [0.1516] AU
Ag = 22380.90 [8047.04] [2.78e]
Teffp = 4524 [337] K [12.70e]

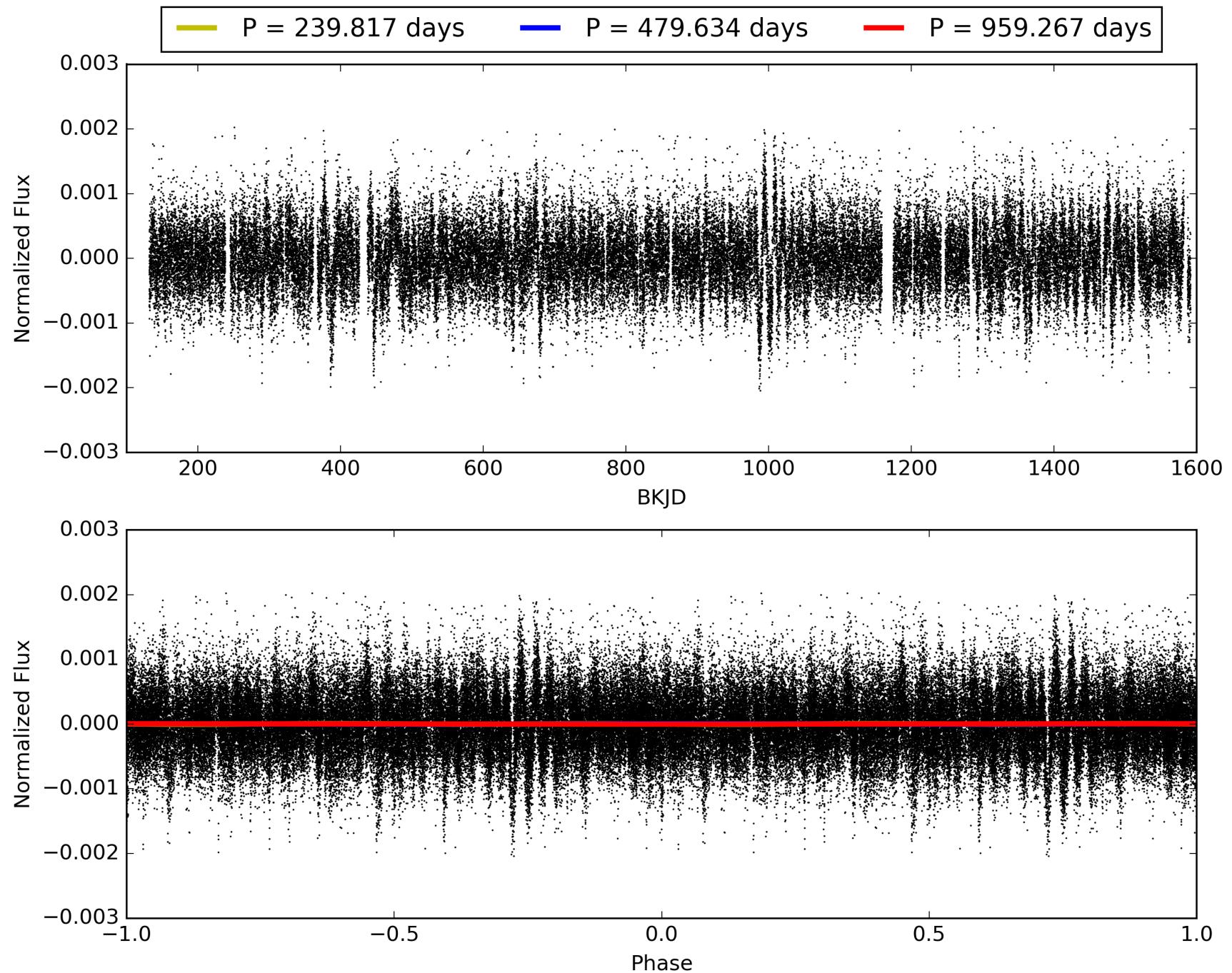
DV Diagnostic Results:

ShortPeriod-sig: 100.0% [16.14e]
LongPeriod-sig: 100.0% [12.40e]
ModelChiSquare2-sig: 1.2%
ModelChiSquareGof-sig: 86.6%
Bootstrap-pfa: 1.29e-09
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 007703955-01, PDC Light Curves

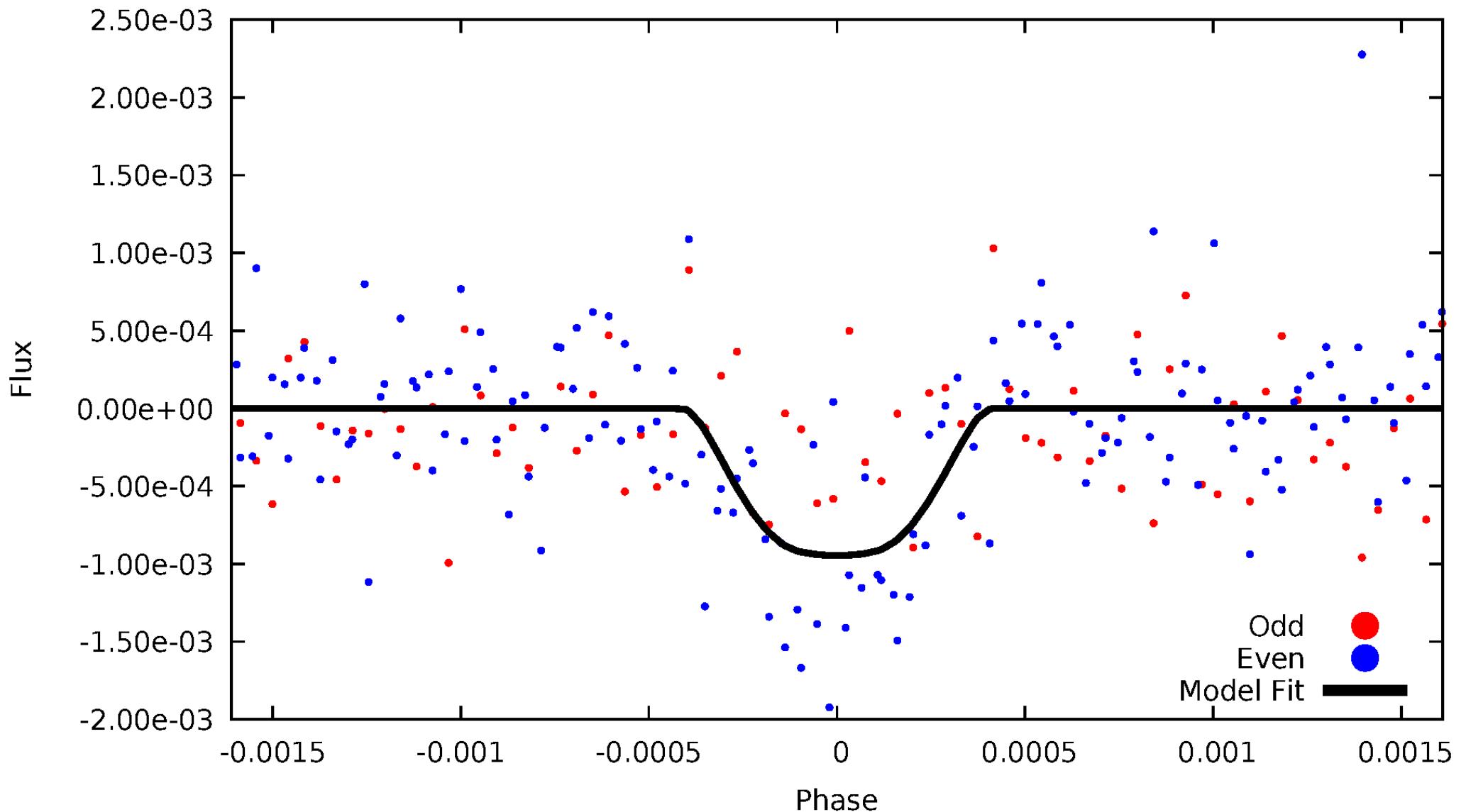


TCE 007703955-01



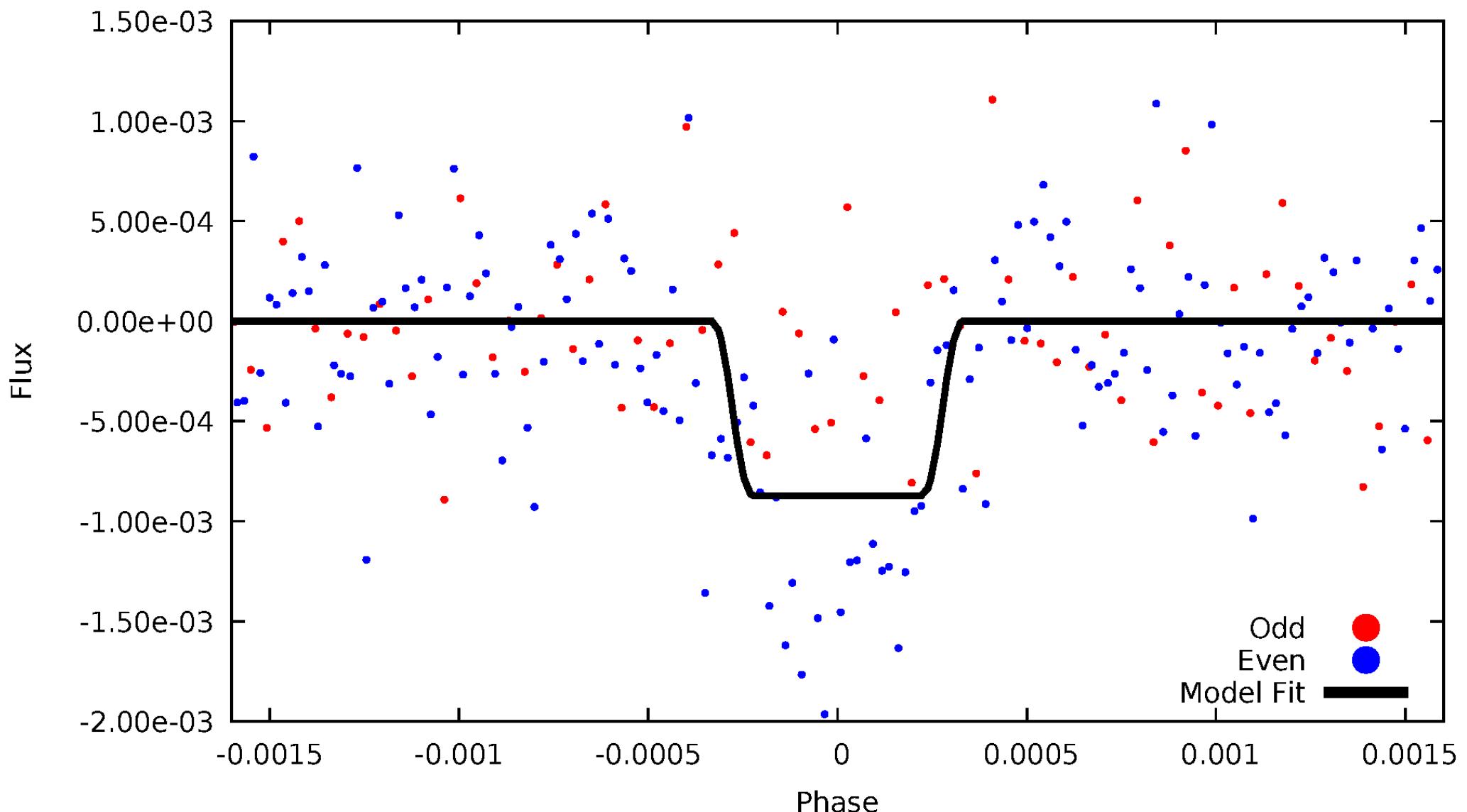
DV Odd/Even

TCE 007703955-01

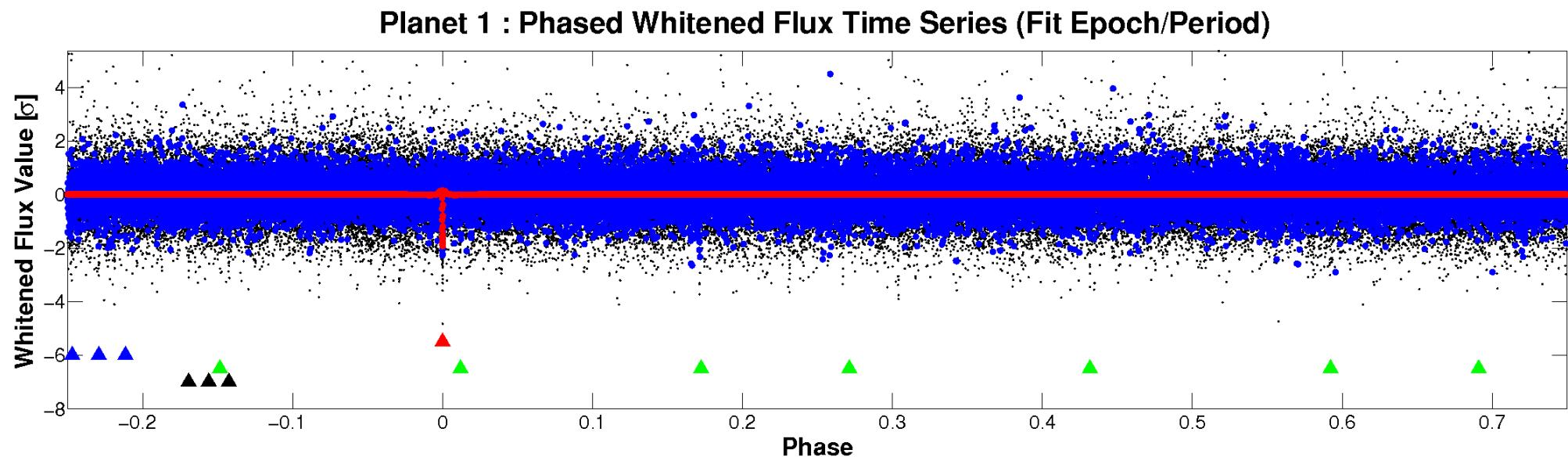
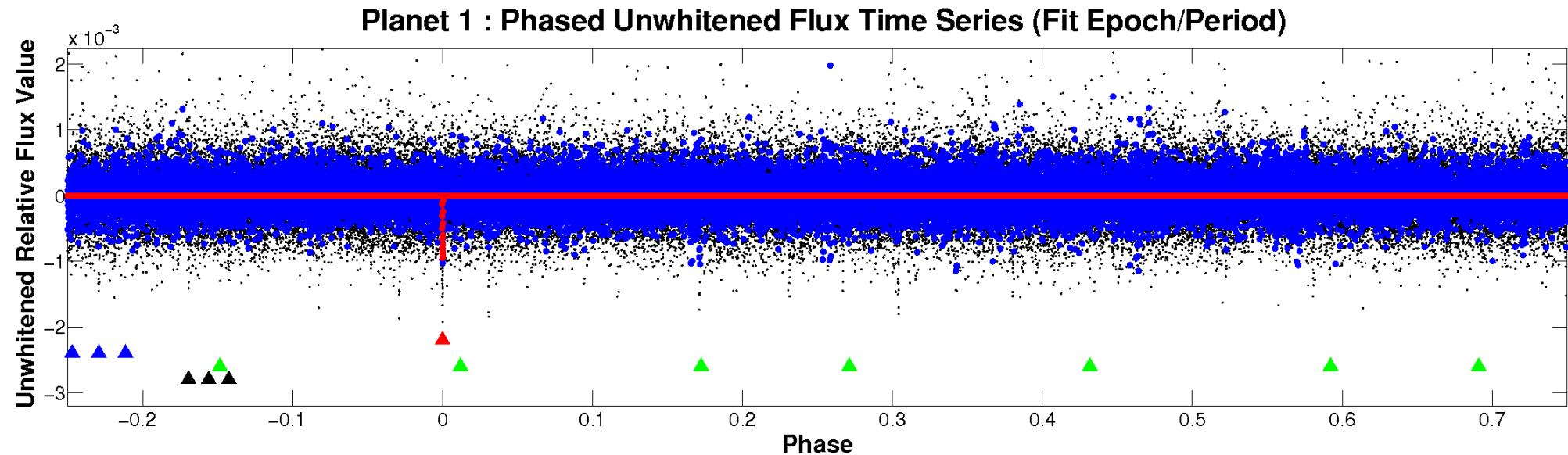


ALT Odd/Even

TCE 007703955-01

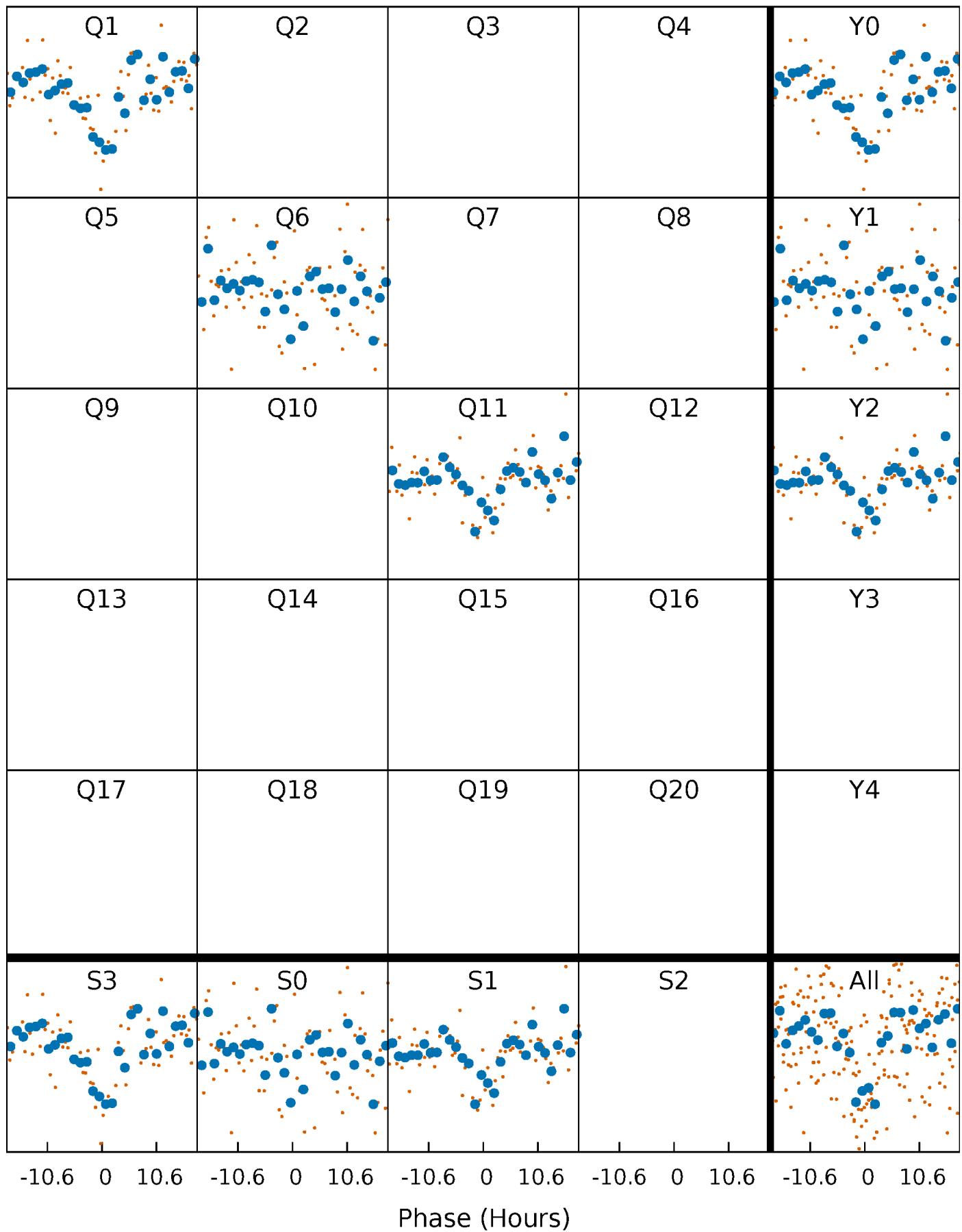


Non-Whitened Vs. Whitened Light Curve



PDC Quarter-Phased Transit Curves

TCE 007703955-01 P=479.633638 Days $T_0=161.744046$ (BKJD)



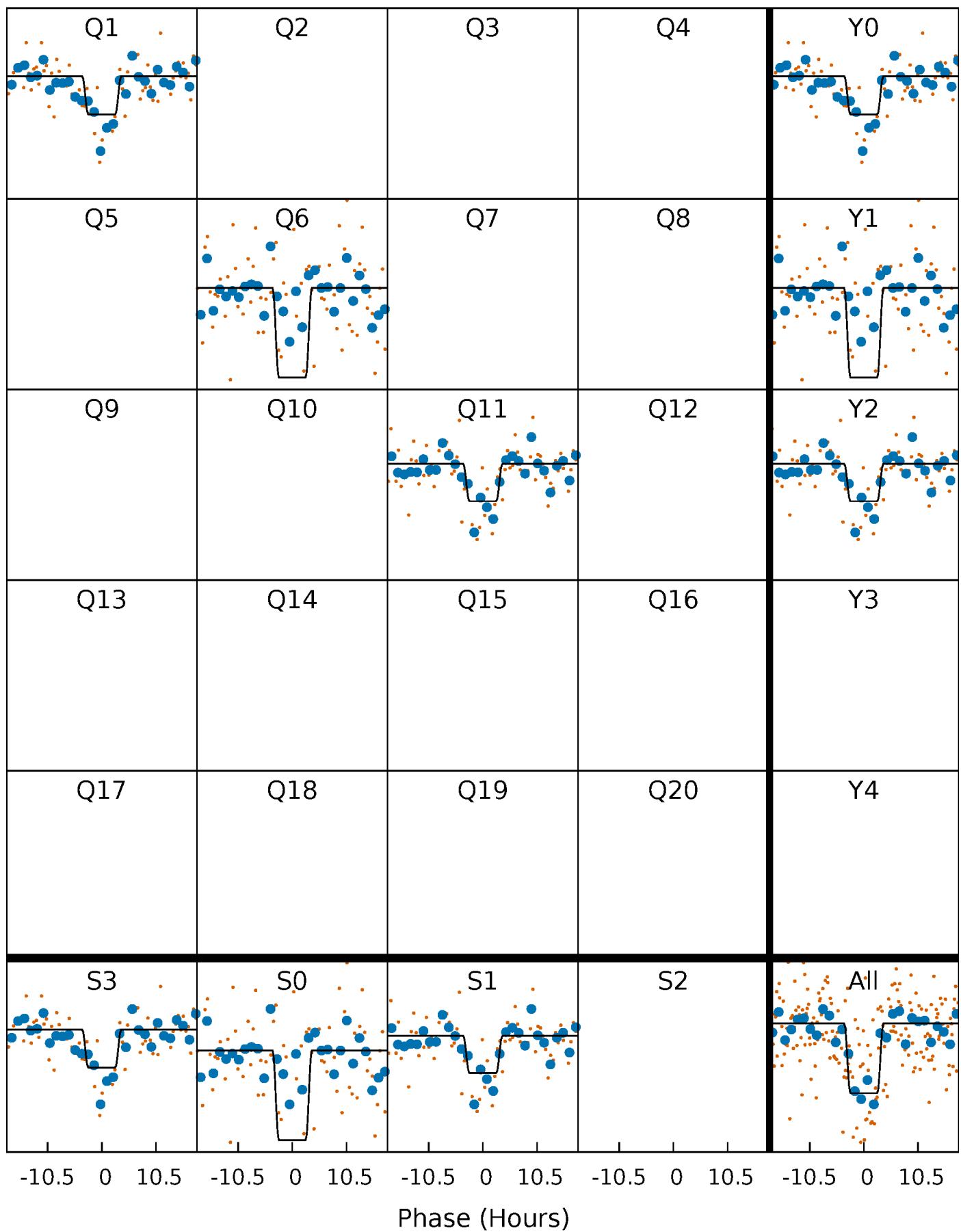
DV Quarter-Phased Transit Curves

TCE 007703955-01 P=479.633638 Days $T_0=161.744046$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

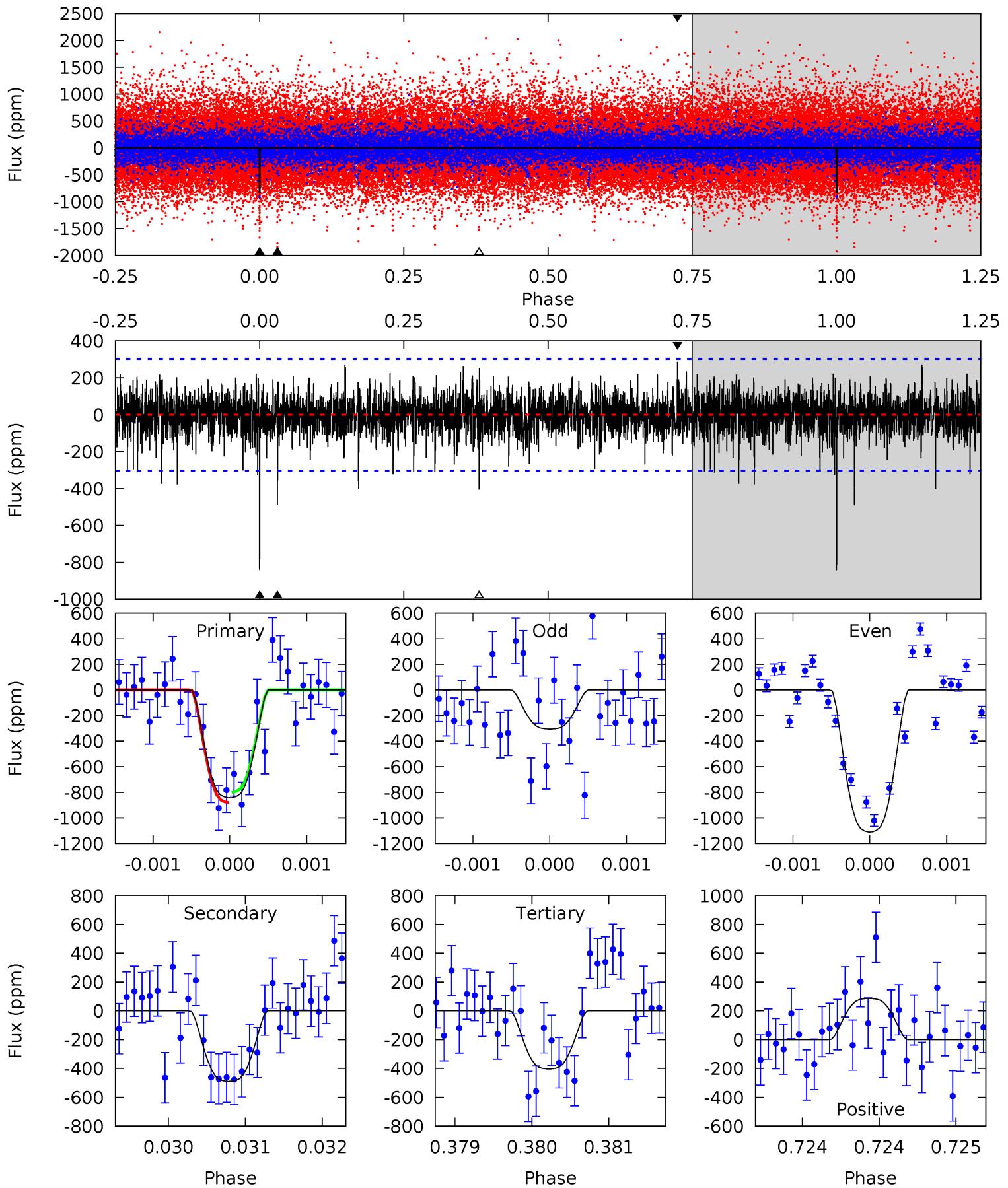
TCE 007703955-01 P=479.630143 Days $T_0=161.750824$ (BKJD)



DV Model-Shift Uniqueness Test

007703955-01, $P = 479.633638$ Days, $E = 161.744046$ Days

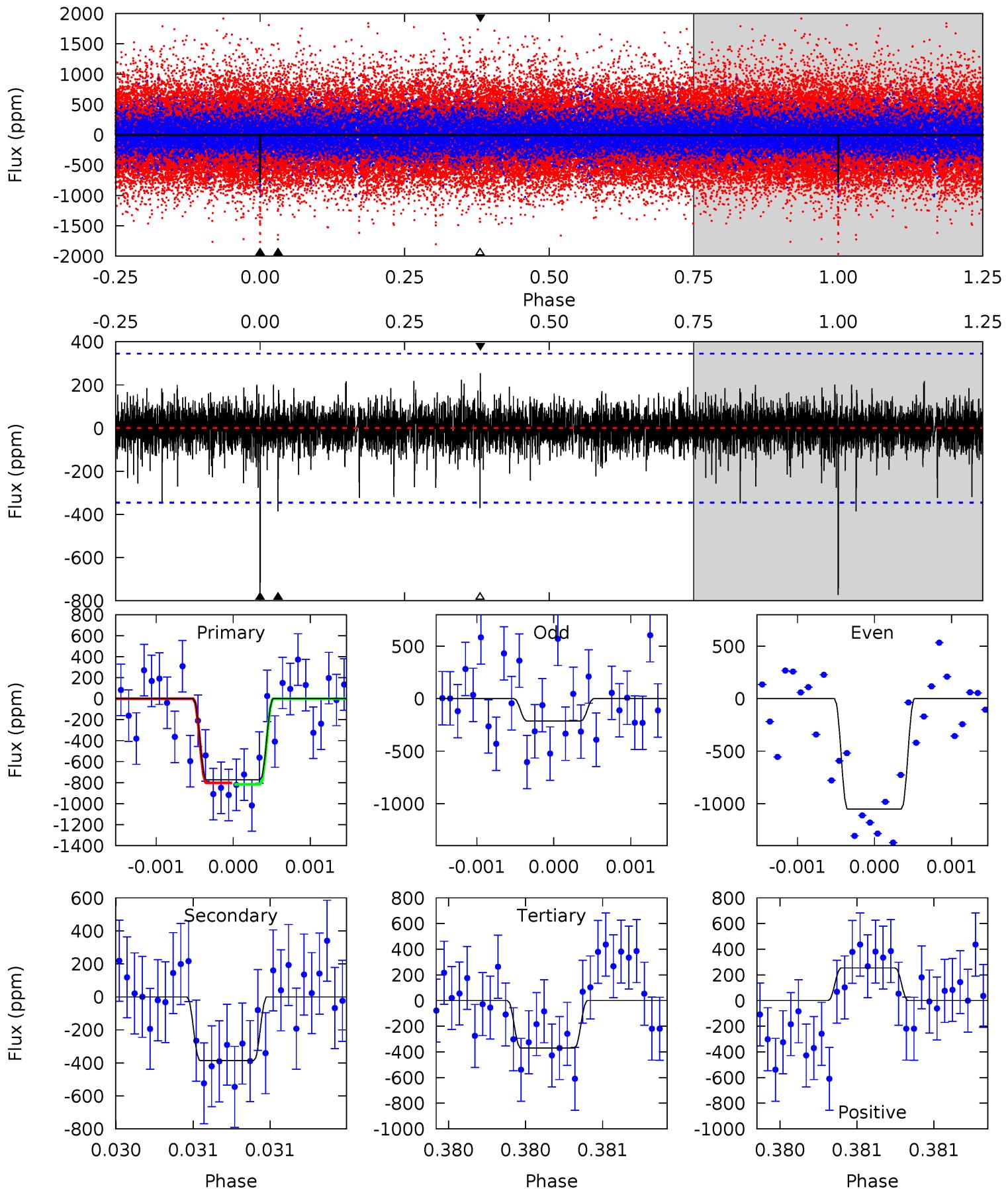
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
15.3	8.87	7.32	5.18	5.49	3.35	1.45	7.95	10.1	1.55	3.69	6.90	0.78	0.25	0.72



Alt Model-Shift Uniqueness Test

007703955-01, $P = 479.630143$ Days, $E = 161.750824$ Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.4	6.18	5.92	4.07	5.53	3.41	1.01	6.45	8.30	0.26	2.11	6.42	0.74	0.25	0.12



Stellar Parameters For KIC 007703955

	T _{eff} (K)	log(g)	[Fe/H]	R (R _⊕)	M(M _⊕)	p _{star} (g·cm ⁻³)
	5792 ⁺¹⁰⁴ ₋₁₀₄	4.375 ^{+0.126} _{-0.103}	-0.260 ^{+0.150} _{-0.150}	1.005 ^{+0.136} _{-0.136}	0.875 ^{+0.070} _{-0.051}	1.214 ^{+0.652} _{-0.393}
	+2%/-2%	+3%/-2%	+58%/-58%	+14%/-14%	+8%/-6%	+54%/-32%
Source	SPE58	SPE58	SPE58		DSEP	

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

Secondary Eclipse Parameters for KIC 007703955-01 / KOI 1707.01

Detrend	Depth (ppm)	R _p (R _⊕)	T _{max} (K)	T _{obs} (K)	A _{obs}
DV	-489±55	4.00 ^{+0.53} _{-0.54}	334 ⁺¹⁴ ₋₁₄	4664 ⁺²⁵⁴ ₋₂₁₅	22291 ⁺⁸³¹⁵ ₋₅₂₅₈
Alt.	-386±62	3.26 ^{+0.48} _{-0.50}	334 ⁺¹⁴ ₋₁₅	4836 ⁺³³² ₋₃₀₈	26465 ⁺¹¹⁰⁶⁶ ₋₇₈₀₄

T_{max} = Theoretical Maximum Planetary Temperature

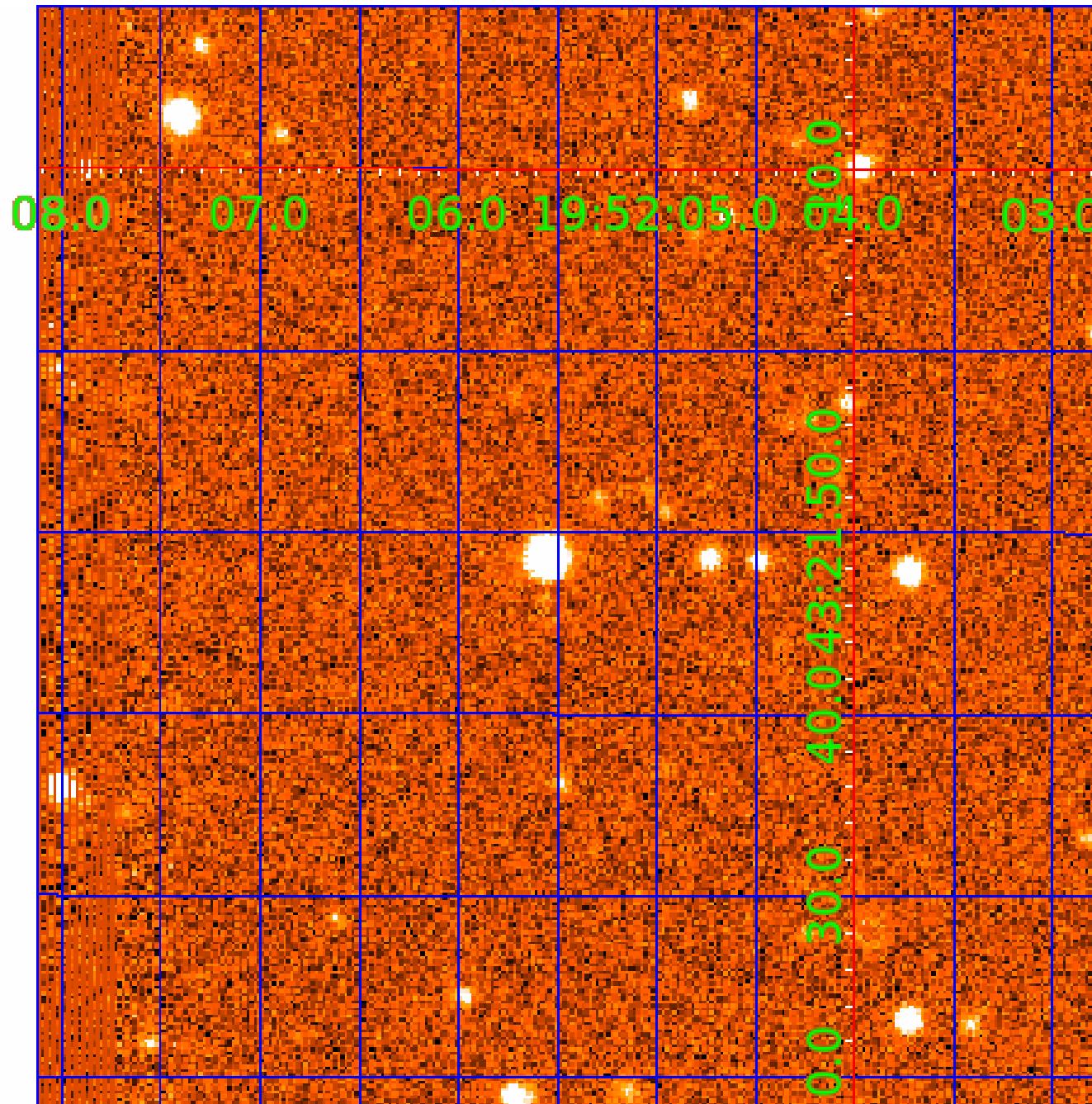
T_{obs} = Observed Planetary Temperature (Assuming A=0.3)

A_{obs} = Observed Albedo (Assuming T=0)

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

UKIRT Image

Declination



KIC 007703955

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_* (R_{\odot})	T_* (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
007703955-01	SCR	No	479.633637	161.744046	946.7	9.264	9.9	10.1	1.00	5792	3.98	0.78
007703955-02	SCR	No	471.125705	539.947932	646.6	8.614	8.4	8.1	1.00	5792	2.79	0.79
007703955-03	SCR	No	201.330227	244.471518	337.7	13.019	7.9	6.7	1.00	5792	1.95	2.46
007703955-04	SCR	No	486.074608	560.146332	735.1	8.344	7.7	8.9	1.00	5792	2.94	0.76

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
007703955-01	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-02	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE—INCONSISTENT_TRANS
007703955-03	SCR	FP	0.08	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-04	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_CHASES_MARSHALL

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 007703955-02

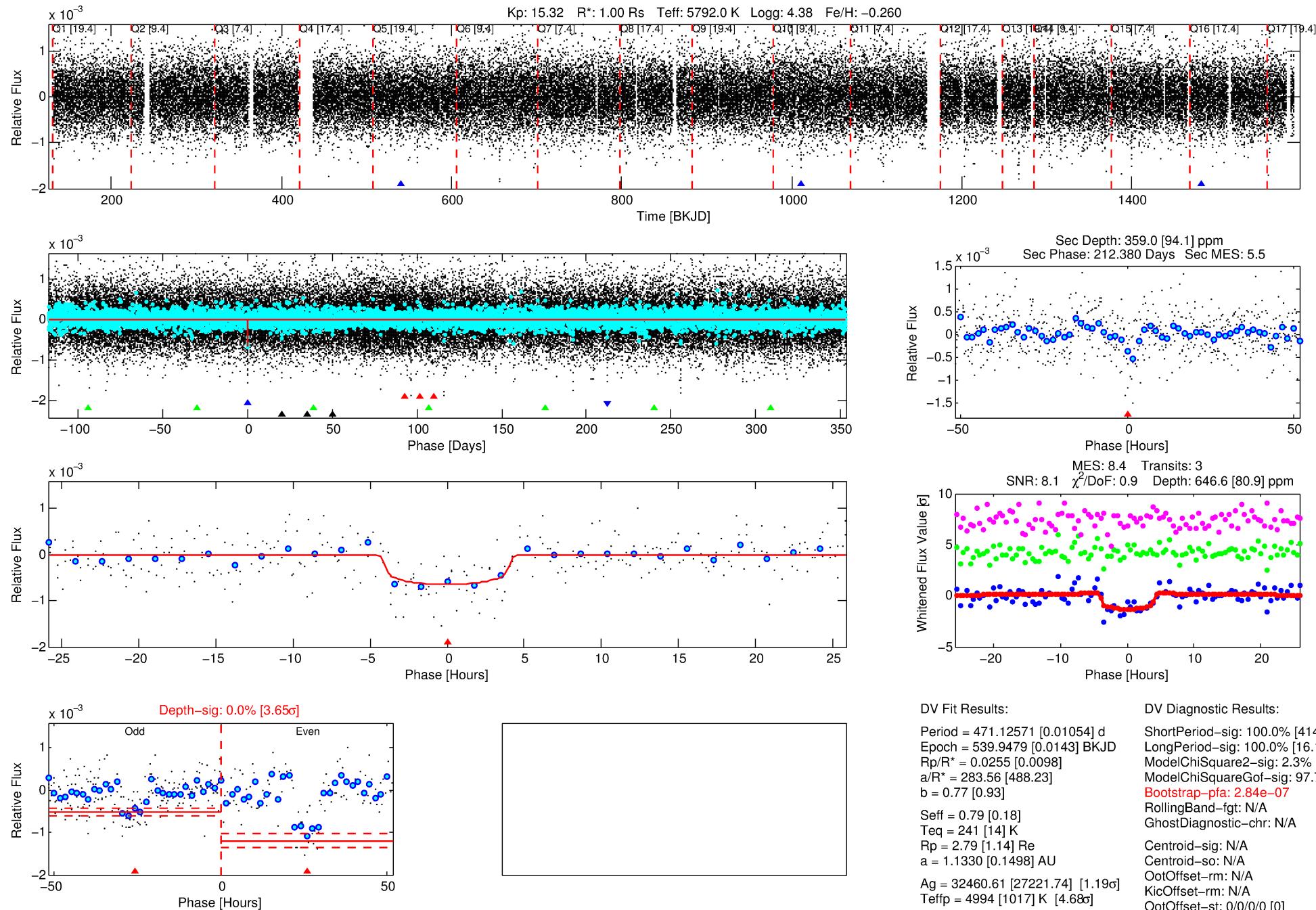
No Significant Match Found

**WARNING: THIS DATA IS
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DV One-Page Summary

KIC: 7703955 Candidate: 2 of 4 Period: 471.126 d

**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**



DV Fit Results

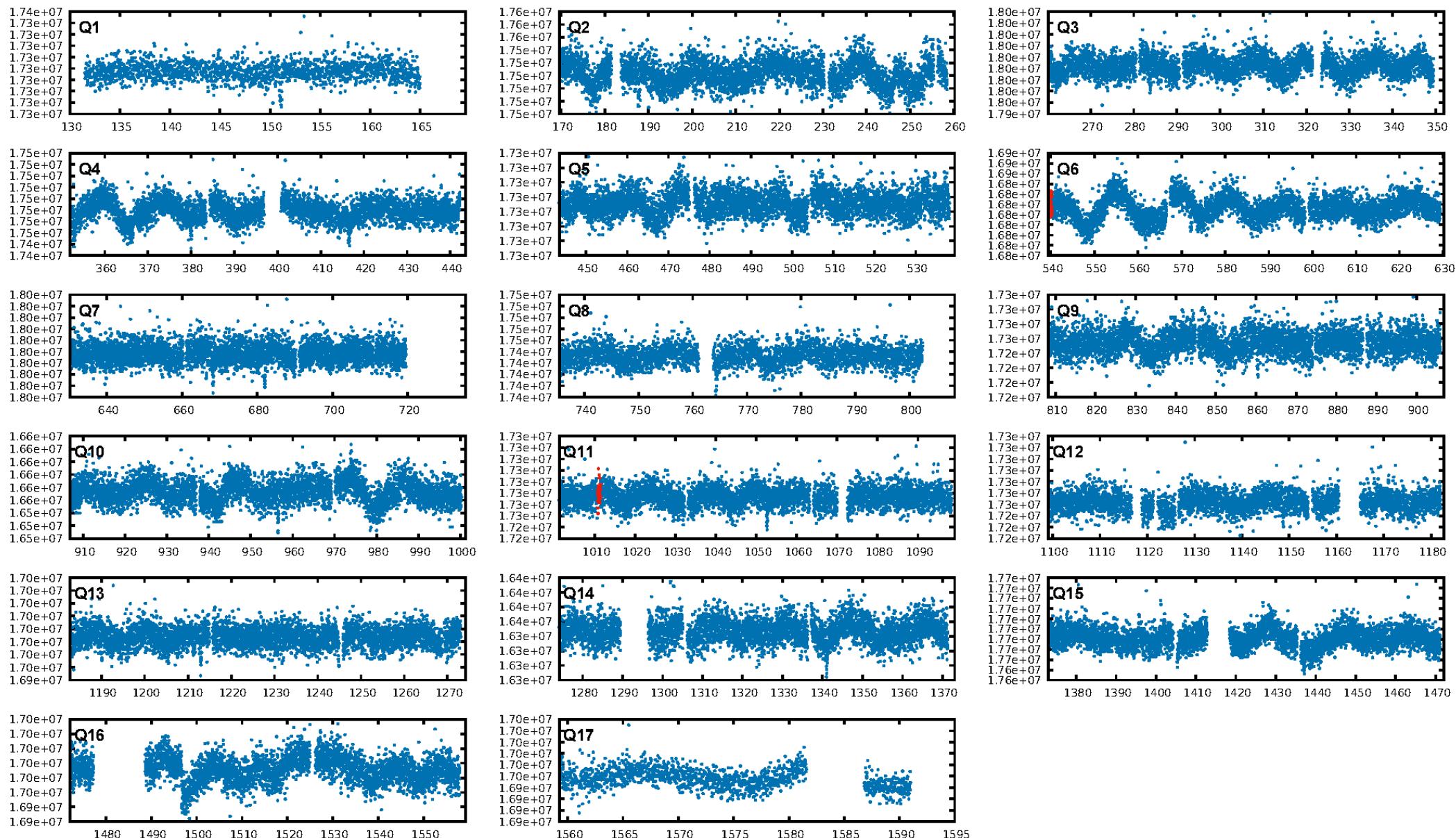
Period = 471.12571 [0.01054] d
 Epoch = 539.9479 [0.0143] BKJD
 $R_p/R^* = 0.0255$ [0.0098]
 $a/R^* = 283.56$ [488.23]
 $b = 0.77$ [0.93]
 Seff = 0.79 [0.18]
 Teq = 241 [14] K
 $R_p = 2.79$ [1.14] Re
 $a = 1.1330$ [0.1498] AU
 Ag = 32460.61 [27221.74] [1.19c]
 Teffp = 4994 [1017] K [4.68g]

DV Diagnostic Results

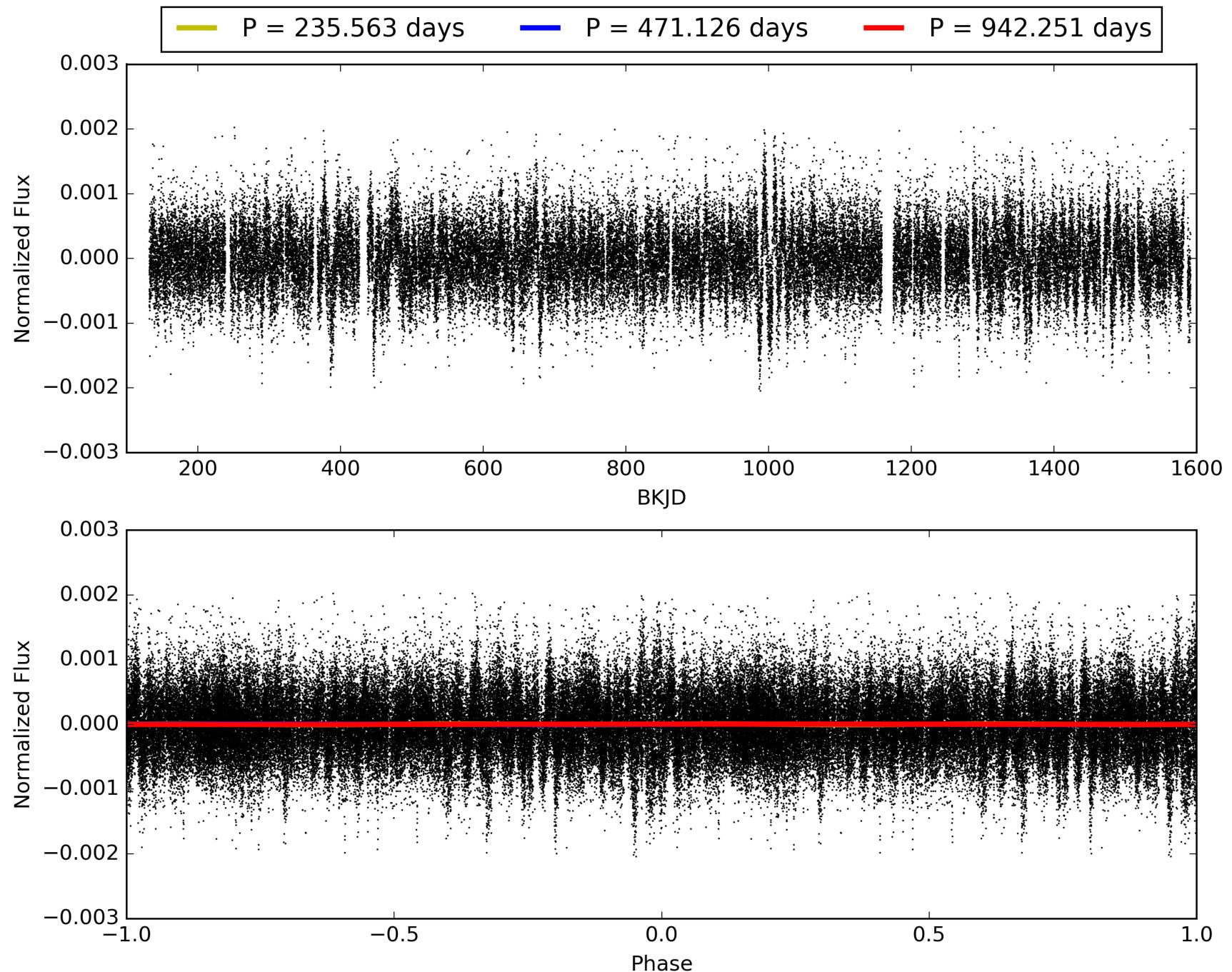
ShortPeriod-sig: 100.0% [414.80 σ]
LongPeriod-sig: 100.0% [16.14 σ]
ModelChiSquare2-sig: 2.3%
ModelChiSquareGof-sig: 97.7%
Bootstrap-pfa: 2.84e-07
RollingBand-fgt: N/A
GhostDiagnostic-chr: N/A

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 007703955-02, PDC Light Curves

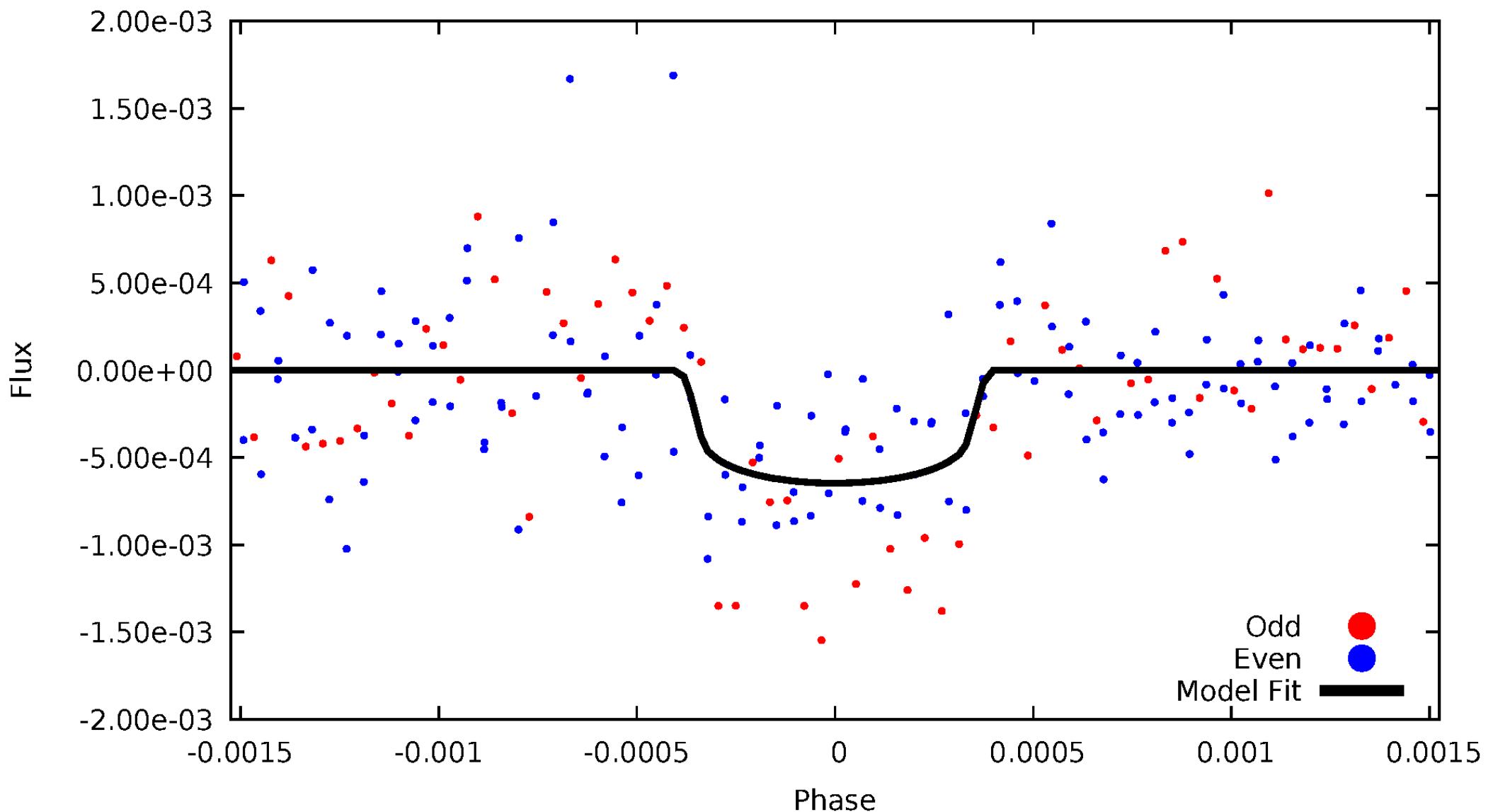


TCE 007703955-02



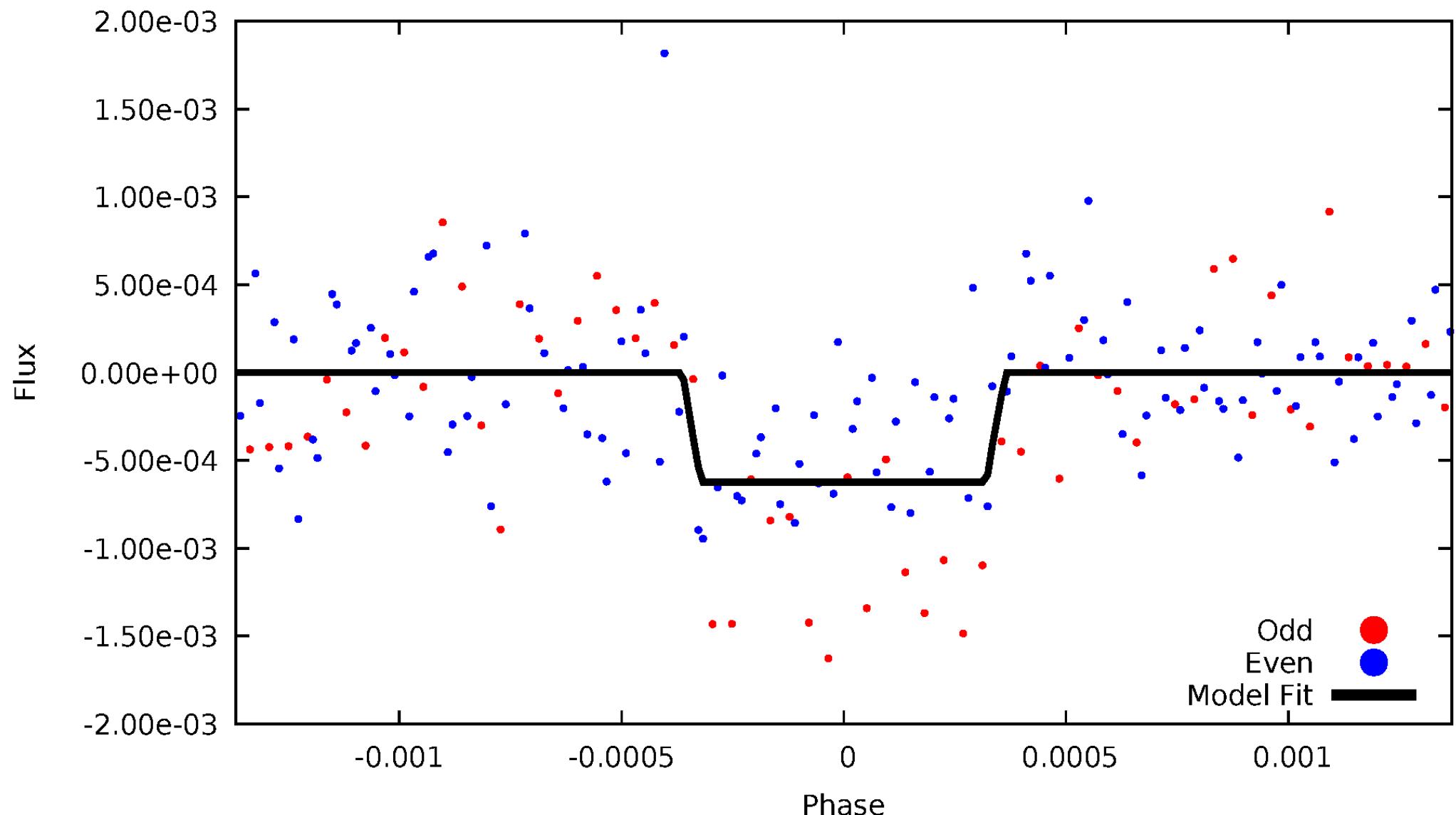
DV Odd/Even

TCE 007703955-02

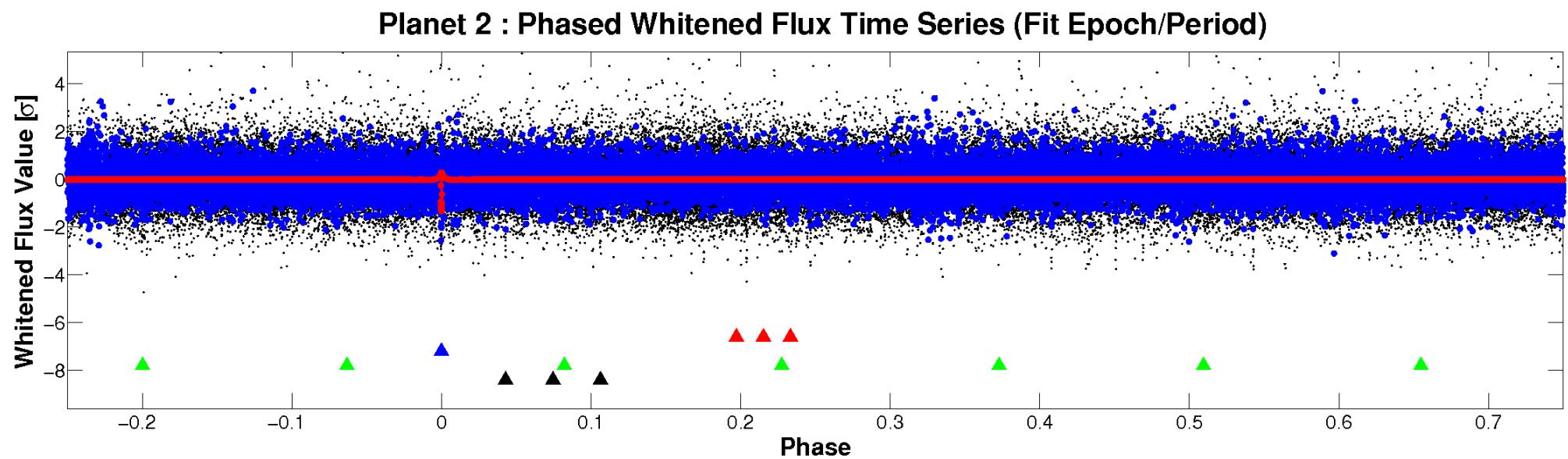
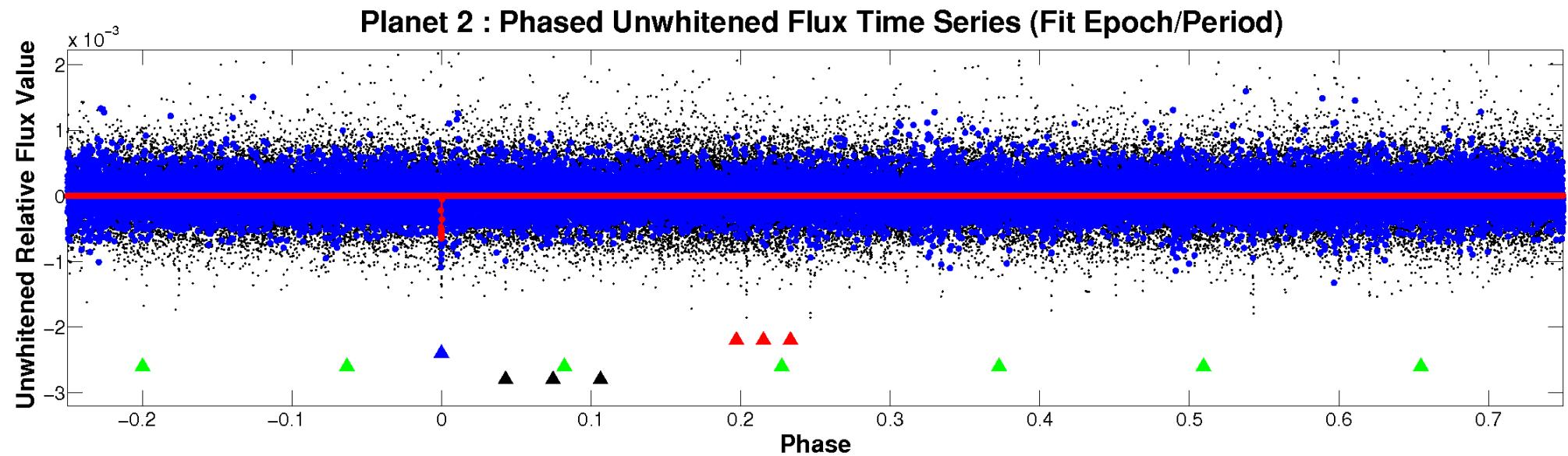


ALT Odd/Even

TCE 007703955-02

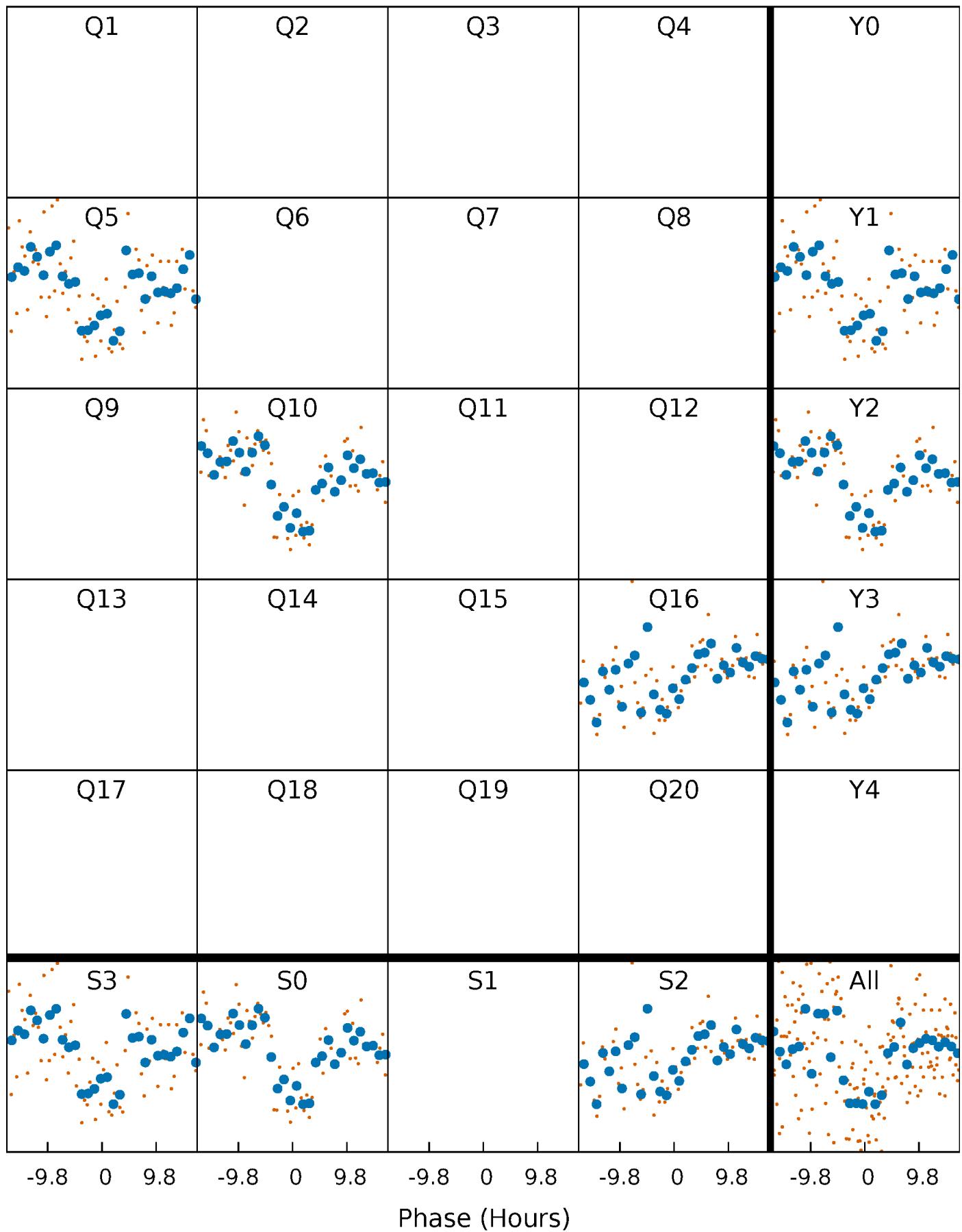


Non-Whitened Vs. Whitened Light Curve



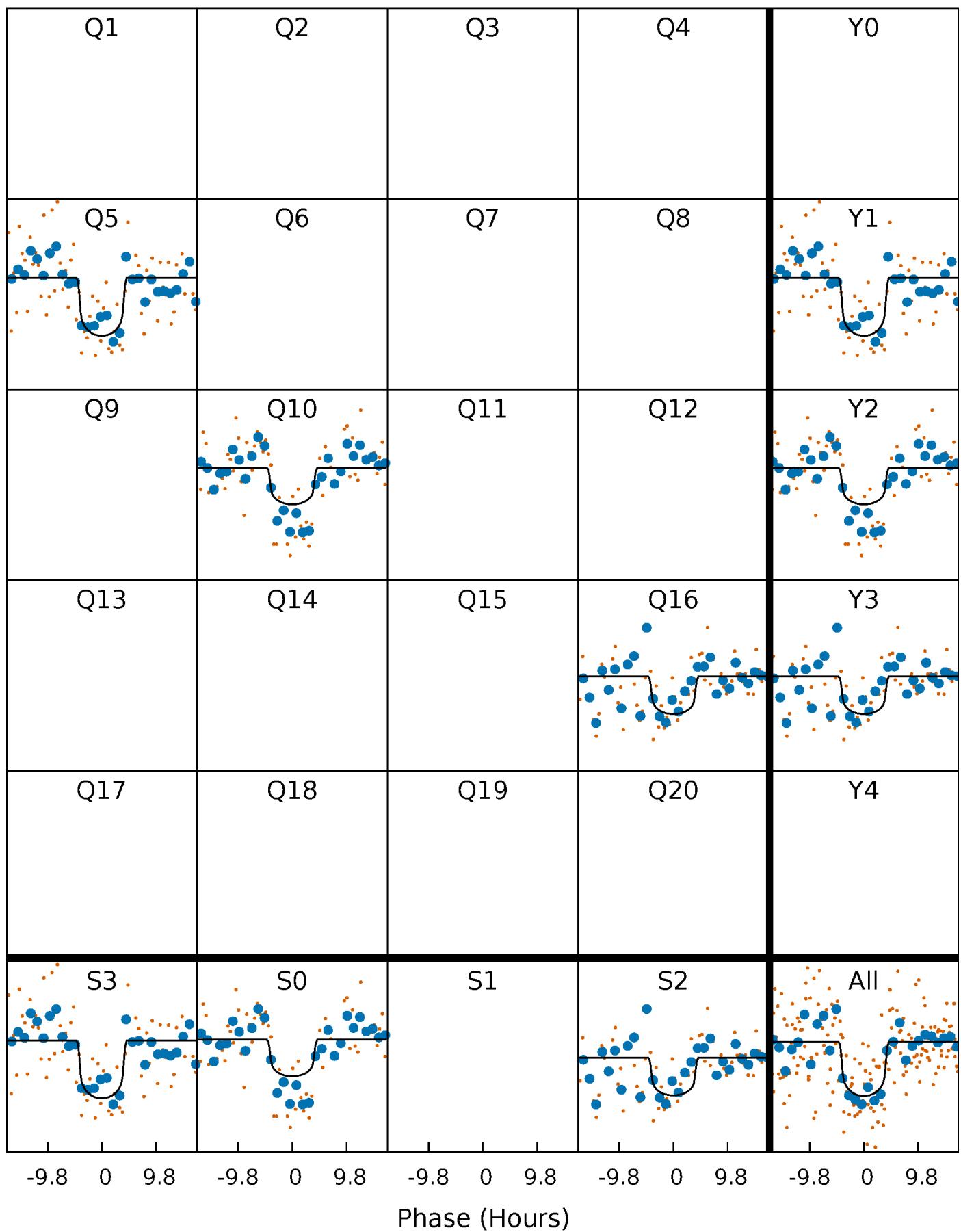
PDC Quarter-Phased Transit Curves

TCE 007703955-02 P=471.125705 Days $T_0=539.947932$ (BKJD)



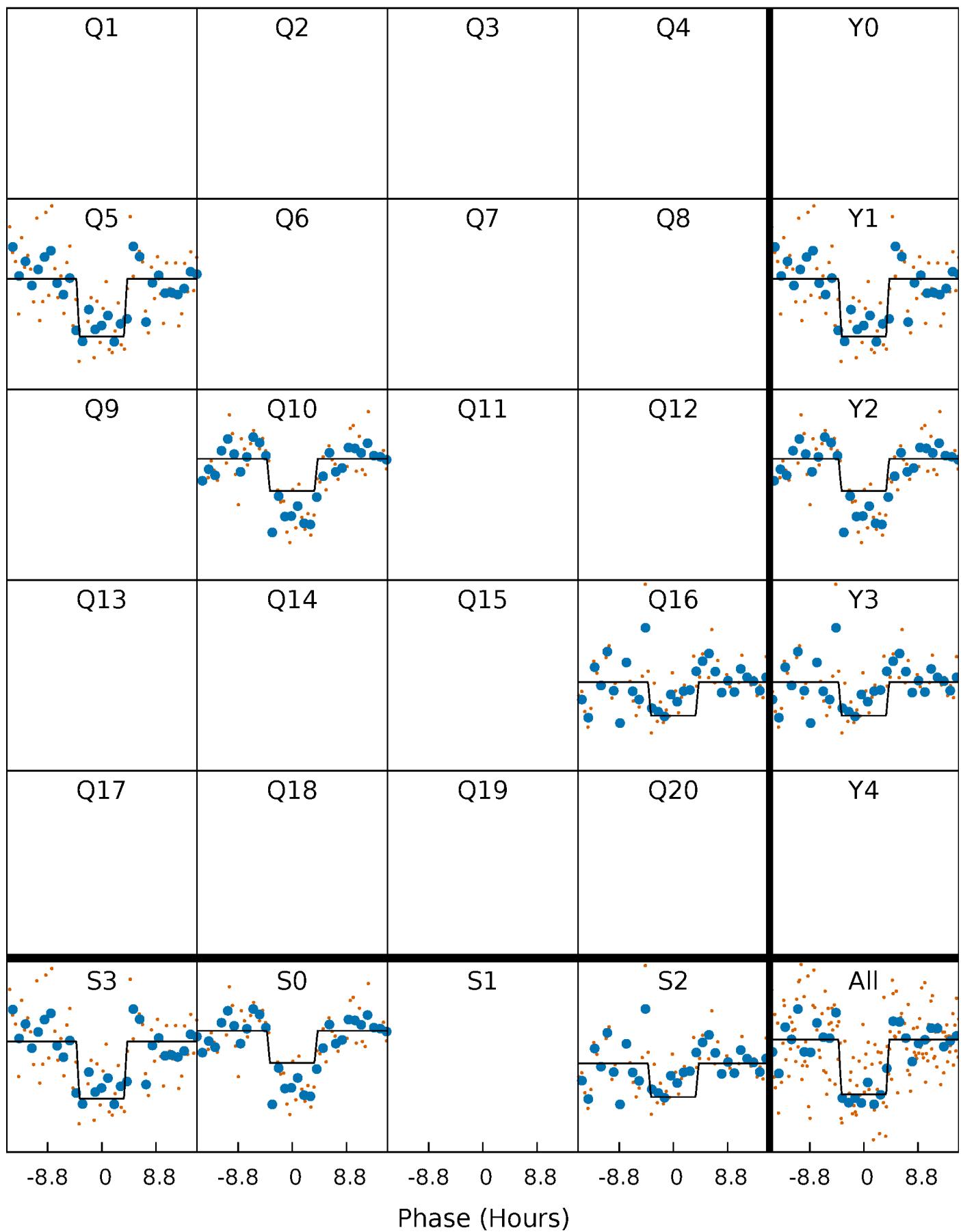
DV Quarter-Phased Transit Curves

TCE 007703955-02 P=471.125705 Days $T_0=539.947932$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

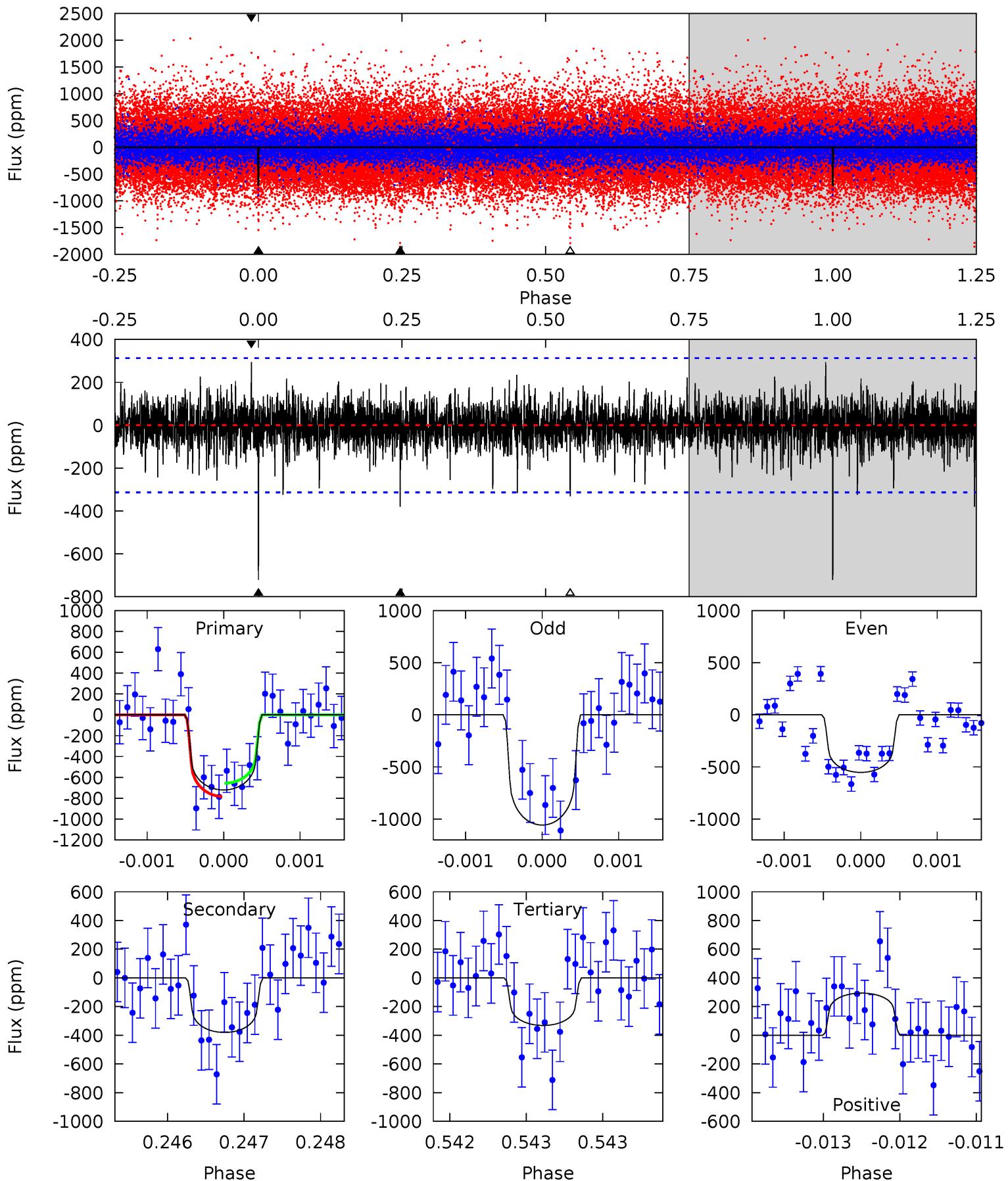
TCE 007703955-02 P=471.122971 Days $T_0=539.951170$ (BKJD)



DV Model-Shift Uniqueness Test

007703955-02, P = 471.125705 Days, E = 68.822227 Days

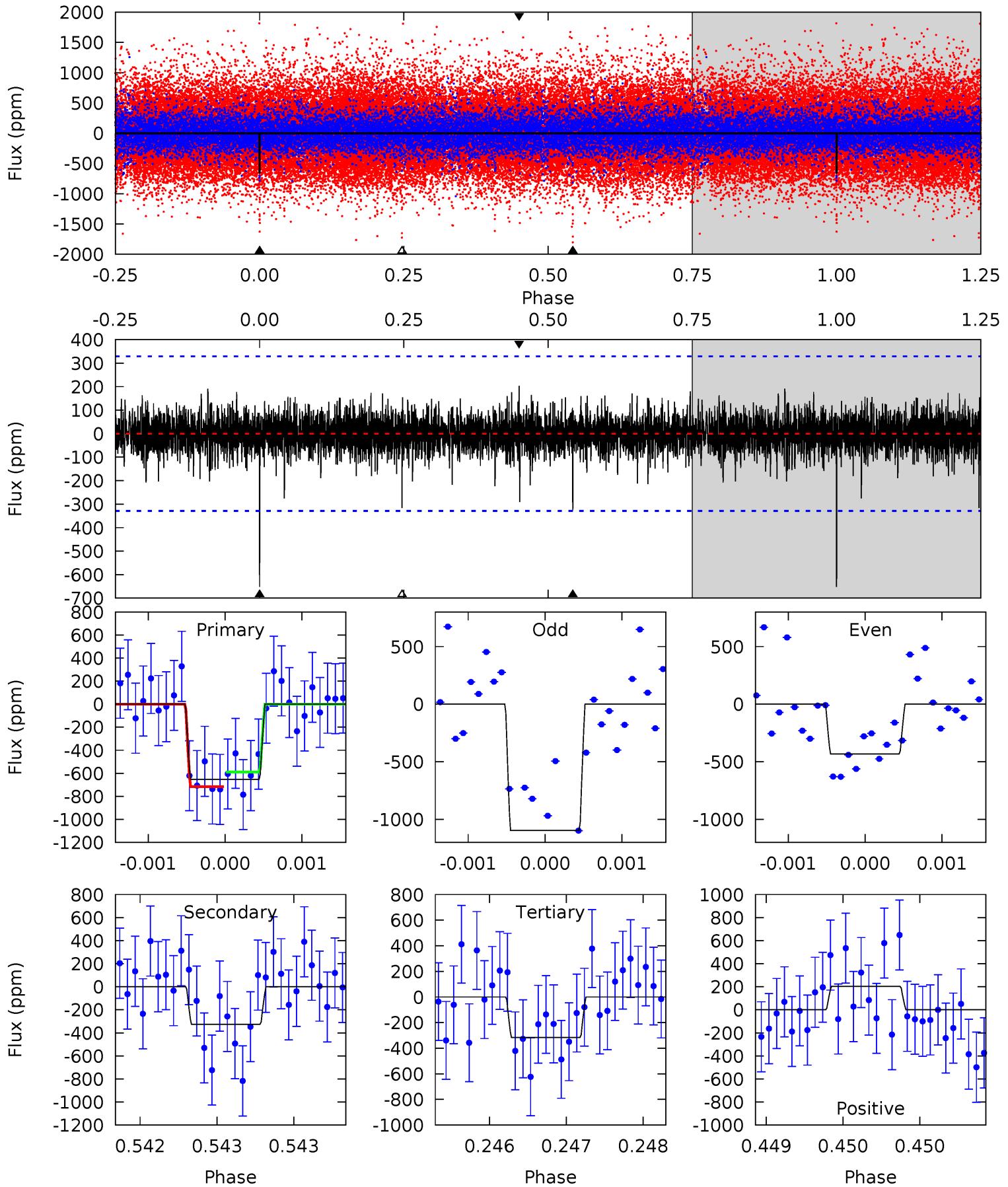
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
12.6	6.67	5.81	5.15	5.49	3.35	1.20	6.82	7.47	0.86	1.52	4.17	1.20	0.29	1.11



Alt Model-Shift Uniqueness Test

007703955-02, P = 471.122971 Days, E = 68.828199 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
10.9	5.46	5.30	3.40	5.51	3.39	0.92	5.63	7.53	0.16	2.06	5.27	1.17	0.24	1.07



Stellar Parameters For KIC 007703955

	T _{eff} (K)	log(g)	[Fe/H]	R (R _⊕)	M(M _⊕)	p _{star} (g·cm ⁻³)
	5792 ⁺¹⁰⁴ ₋₁₀₄	4.375 ^{+0.126} _{-0.103}	-0.260 ^{+0.150} _{-0.150}	1.005 ^{+0.136} _{-0.136}	0.875 ^{+0.070} _{-0.051}	1.214 ^{+0.652} _{-0.393}
	+2%/-2%	+3%/-2%	+58%/-58%	+14%/-14%	+8%/-6%	+54%/-32%
Source	SPE58	SPE58	SPE58		DSEP	

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

Secondary Eclipse Parameters for KIC 007703955-02 / KOI 1707.02

Detrend	Depth (ppm)	R _p (R _⊕)	T _{max} (K)	T _{obs} (K)	A _{obs}
DV	-380±57	2.85 ^{+0.95} _{-1.11}	336 ⁺¹⁴ ₋₁₄	5098 ⁺¹³⁹³ ₋₆₀₆	33754 ⁺⁵⁷⁷⁰⁵ ₋₁₅₄₅₅
Alt.	-326±60	2.70 ^{+1.13} _{-1.06}	335 ⁺¹⁵ ₋₁₄	5027 ⁺¹³¹⁷ ₋₆₈₂	32325 ⁺⁵⁴¹⁵⁵ ₋₁₇₁₅₁

T_{max} = Theoretical Maximum Planetary Temperature

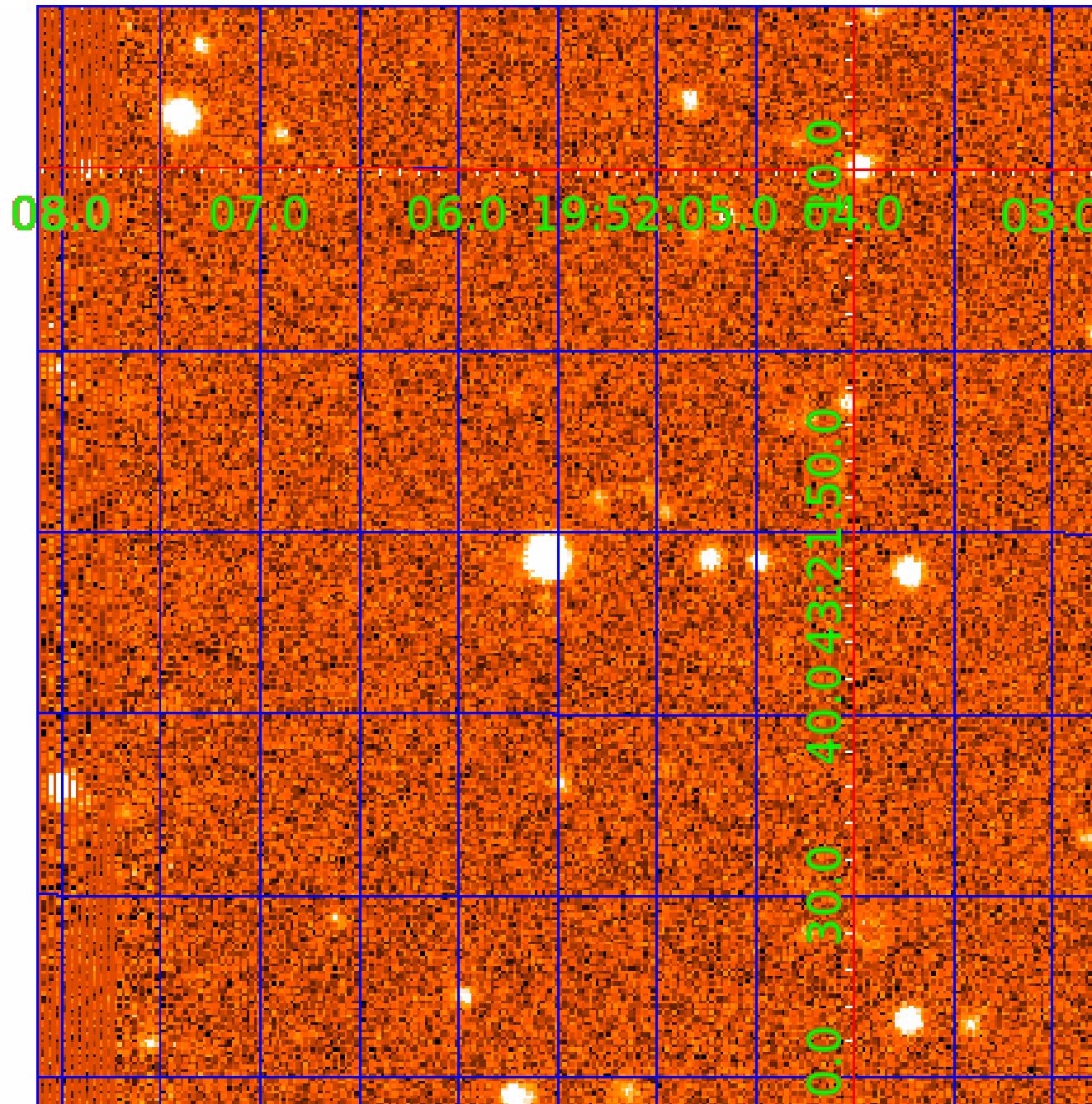
T_{obs} = Observed Planetary Temperature (Assuming A=0.3)

A_{obs} = Observed Albedo (Assuming T=0)

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

UKIRT Image

Declination



KIC 007703955

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_* (R_{\odot})	T_* (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
007703955-01	SCR	No	479.633637	161.744046	946.7	9.264	9.9	10.1	1.00	5792	3.98	0.78
007703955-02	SCR	No	471.125705	539.947932	646.6	8.614	8.4	8.1	1.00	5792	2.79	0.79
007703955-03	SCR	No	201.330227	244.471518	337.7	13.019	7.9	6.7	1.00	5792	1.95	2.46
007703955-04	SCR	No	486.074608	560.146332	735.1	8.344	7.7	8.9	1.00	5792	2.94	0.76

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
007703955-01	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-02	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE—INCONSISTENT_TRANS
007703955-03	SCR	FP	0.08	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-04	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_CHASES_MARSHALL

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 007703955-03

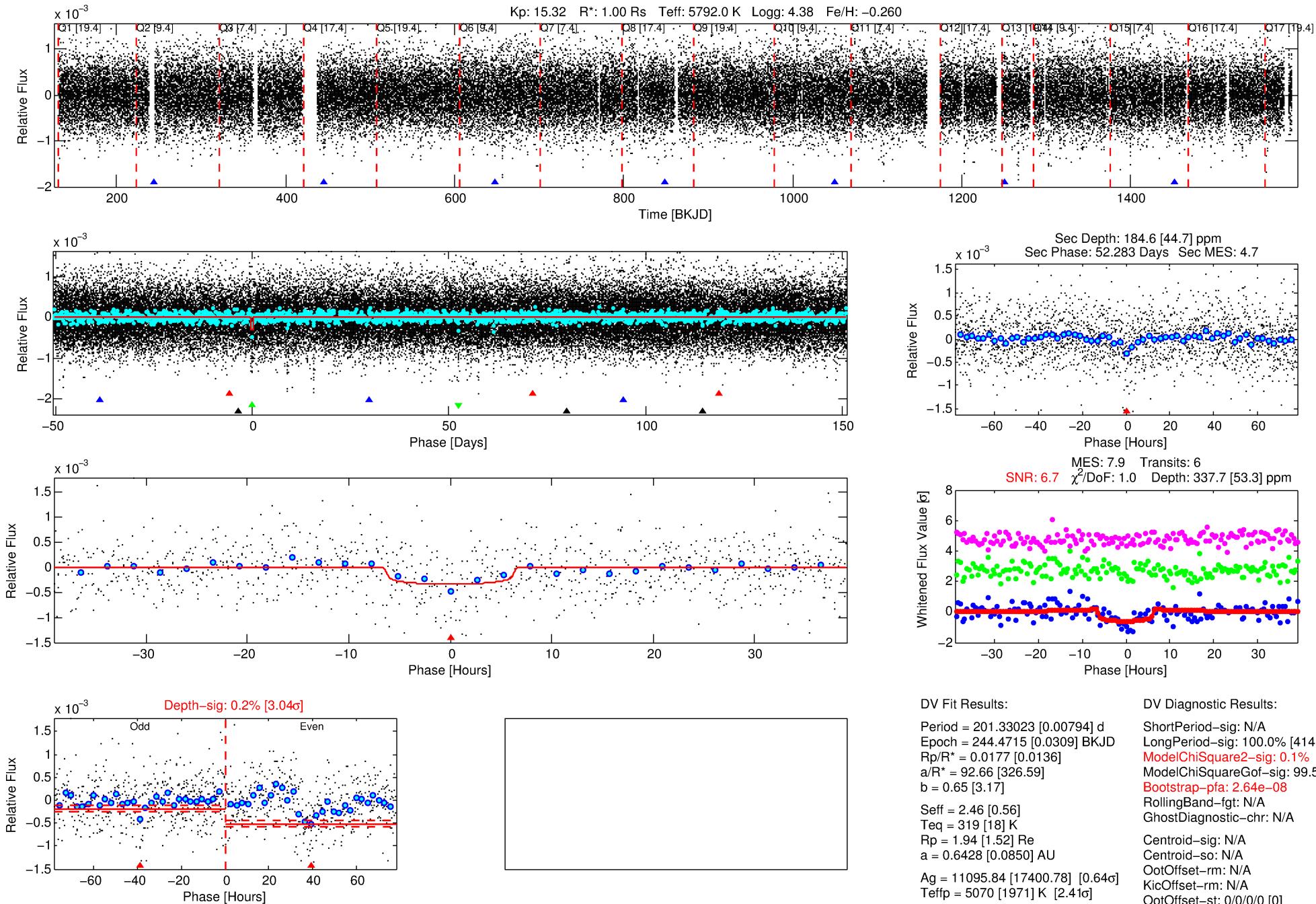
No Significant Match Found

**WARNING: THIS DATA IS
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DV One-Page Summary

KIC: 7703955 Candidate: 3 of 4 Period: 201.330 d

**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**



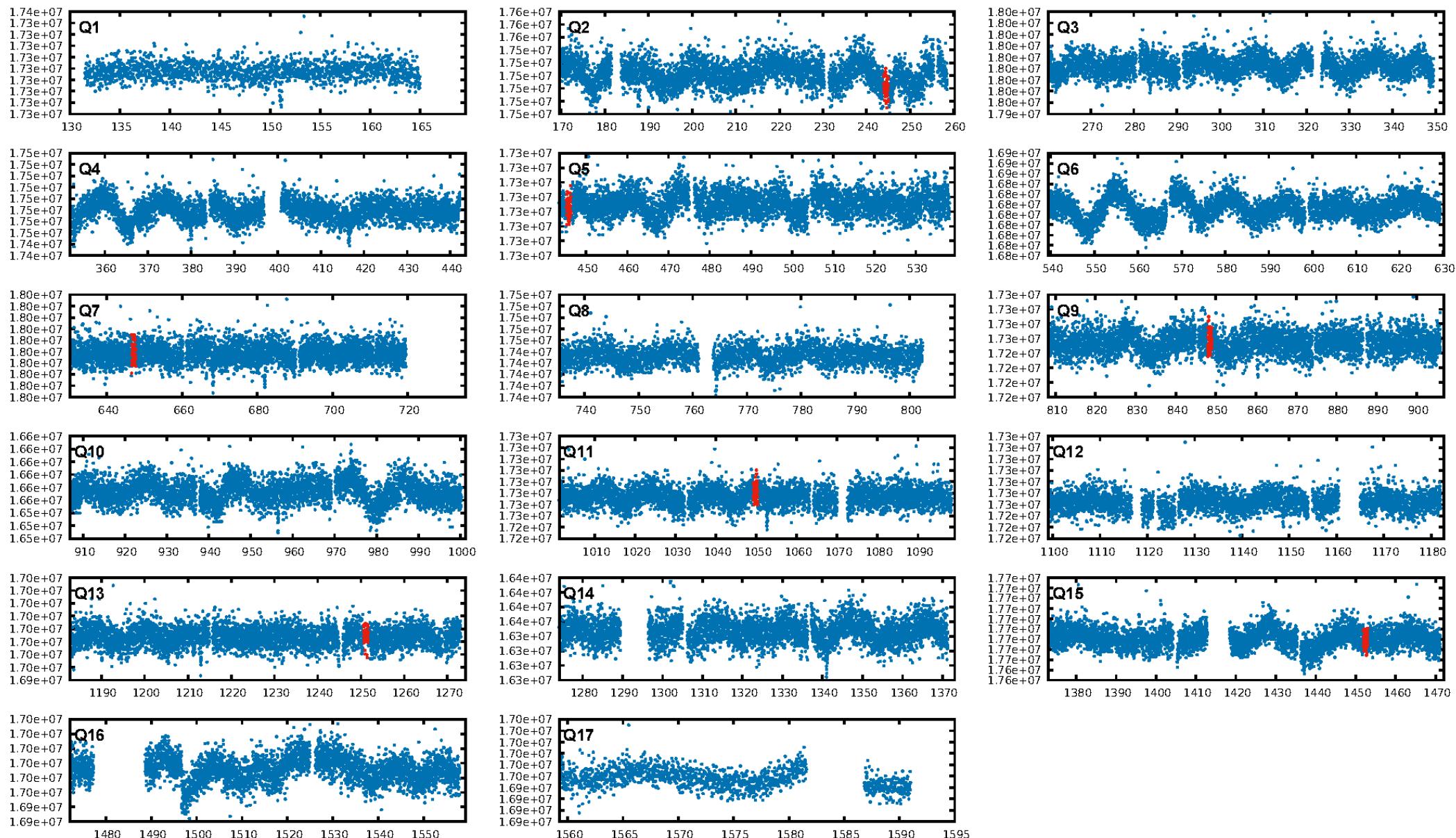
DV Fit Results:

Period = 201.33023 [0.00794] d
Epoch = 244.4715 [0.0309] BKJD
Rp/R* = 0.0177 [0.0136]
a/R* = 92.66 [326.59]
b = 0.65 [3.17]
Seff = 2.46 [0.56]
Teq = 319 [18] K
Rp = 1.94 [1.52] Re
a = 0.6428 [0.0850] AU
Ag = 11095.84 [17400.78] [0.64σ]
Teffp = 5070 [1971] K [2.41σ]

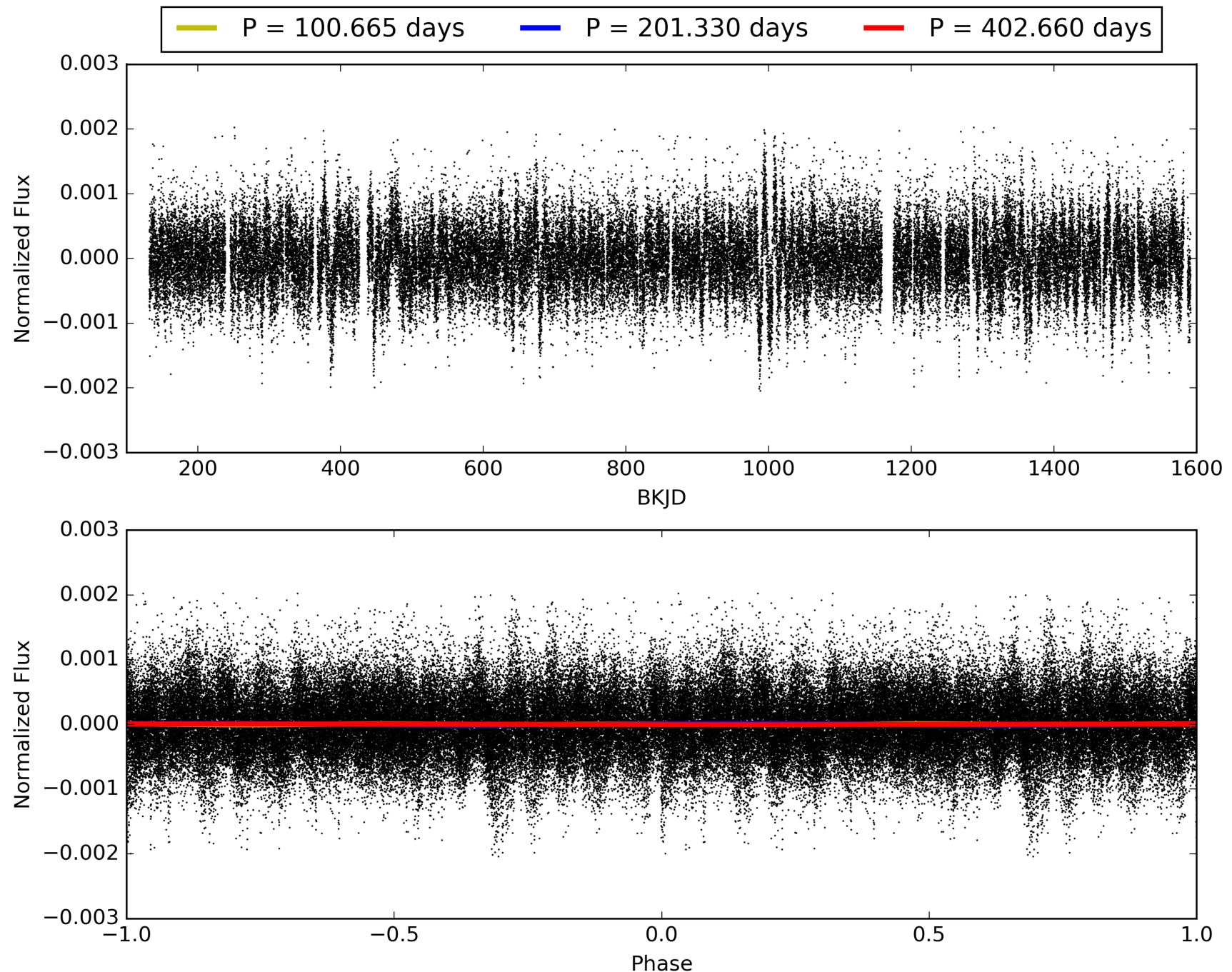
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: 100.0% [414.80σ]
ModelChiSquare2-sig: 0.1%
ModelChiSquareGof-sig: 99.5%
Bootstrap-pfa: 2.64e-08
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 007703955-03, PDC Light Curves

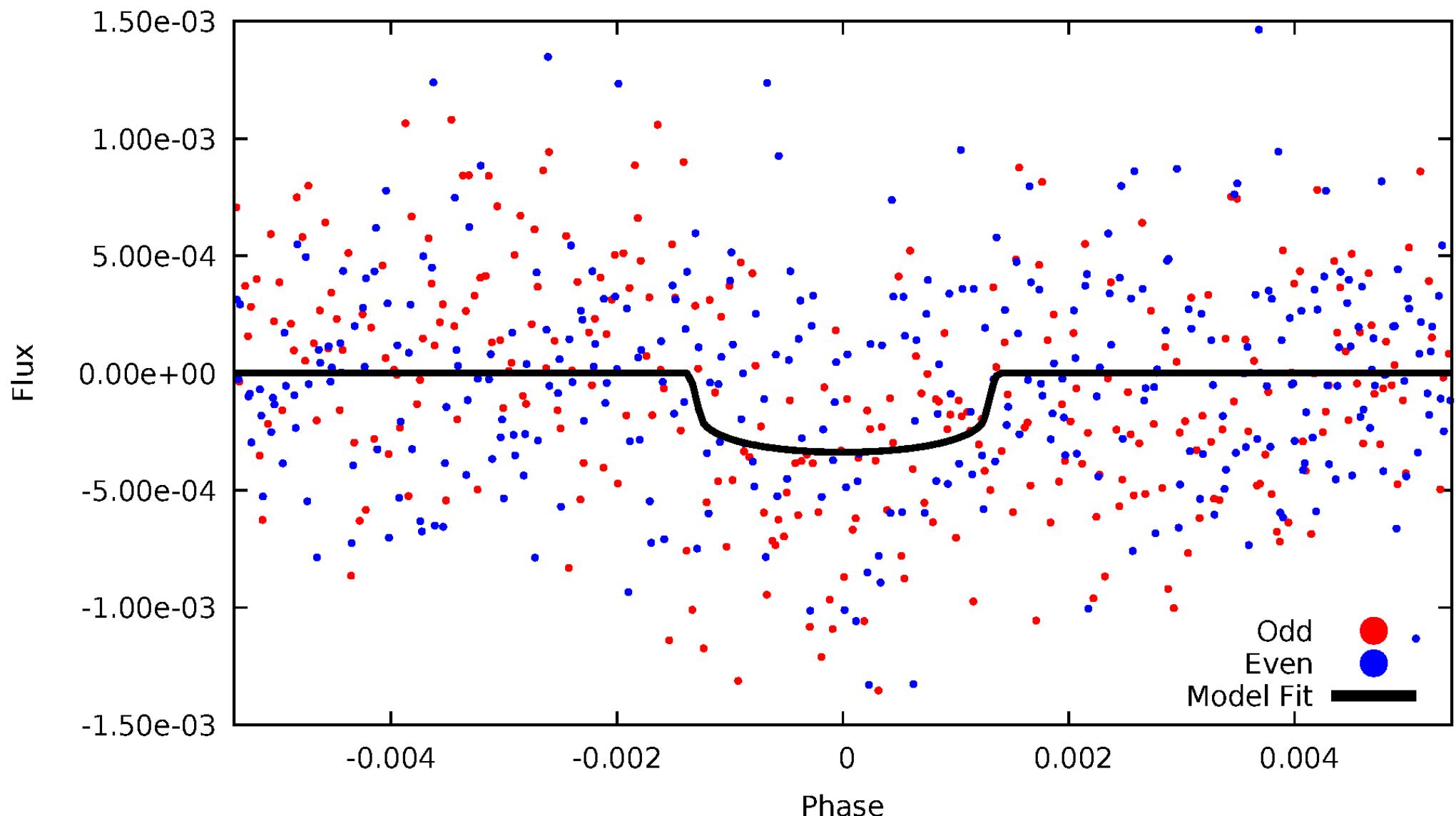


TCE 007703955-03



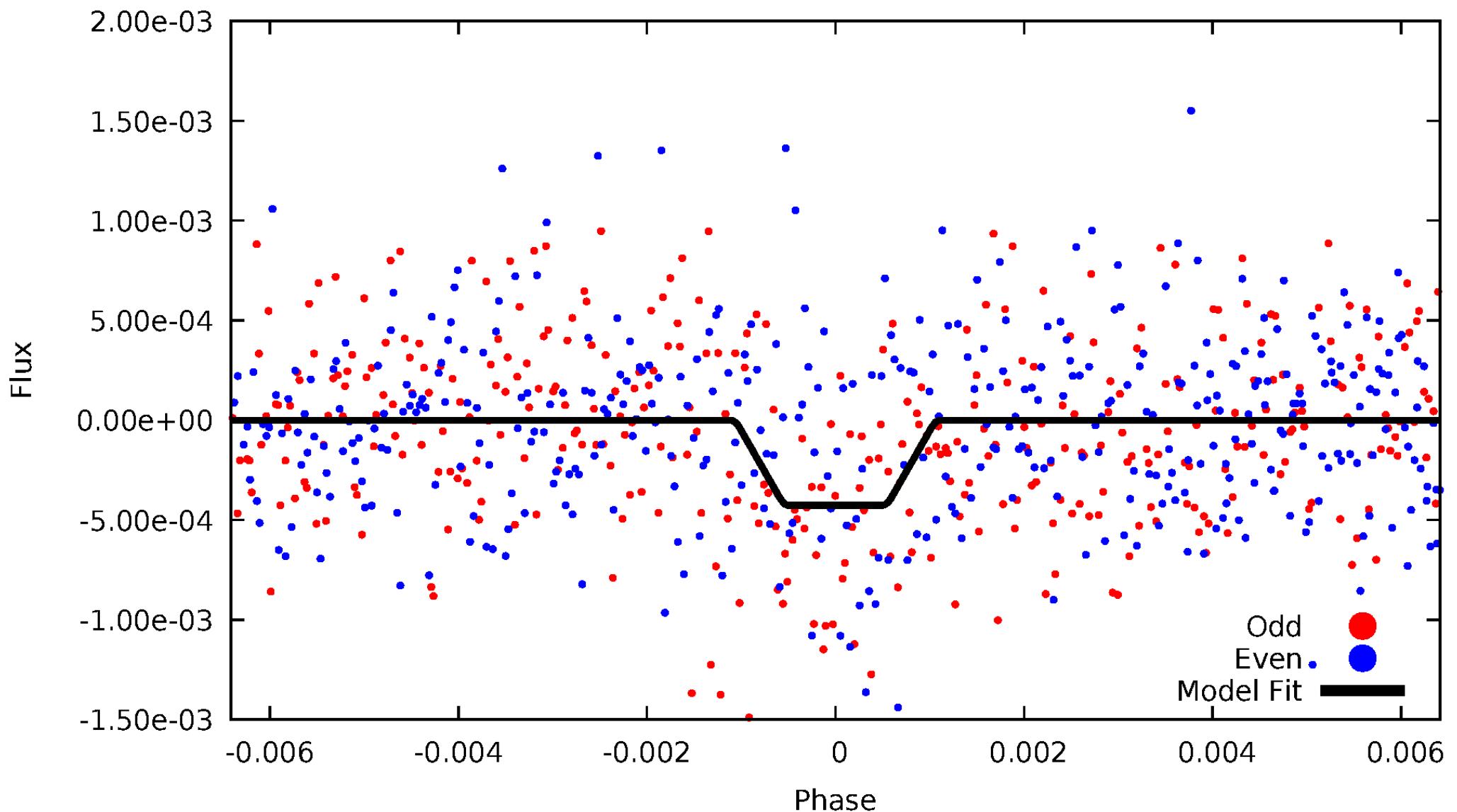
DV Odd/Even

TCE 007703955-03

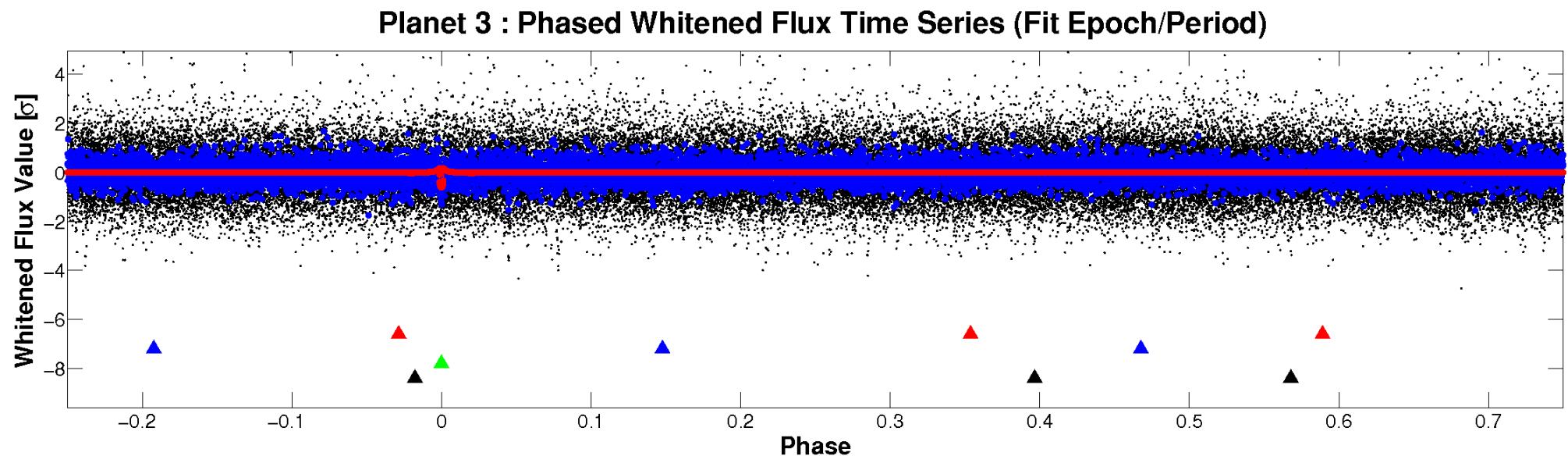
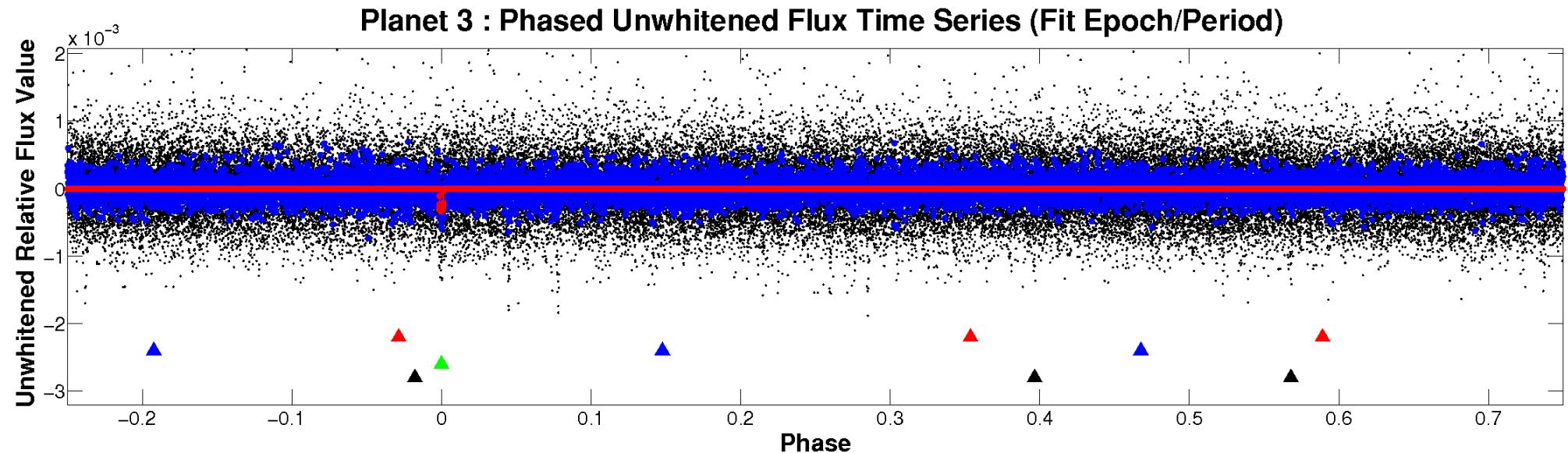


ALT Odd/Even

TCE 007703955-03



Non-Whitened Vs. Whitened Light Curve



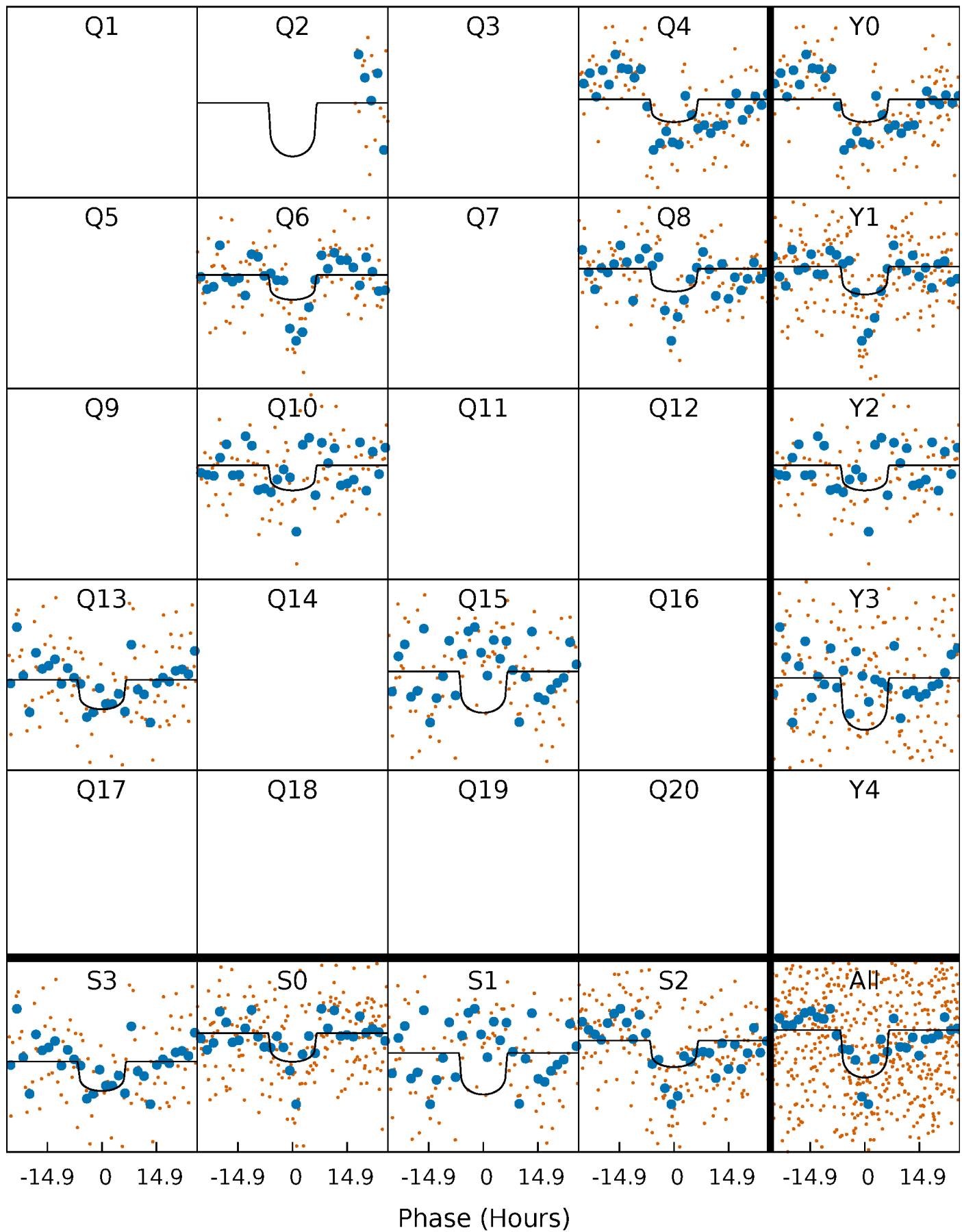
PDC Quarter-Phased Transit Curves

TCE 007703955-03 $P=201.330227$ Days $T_0=244.471518$ (BKJD)



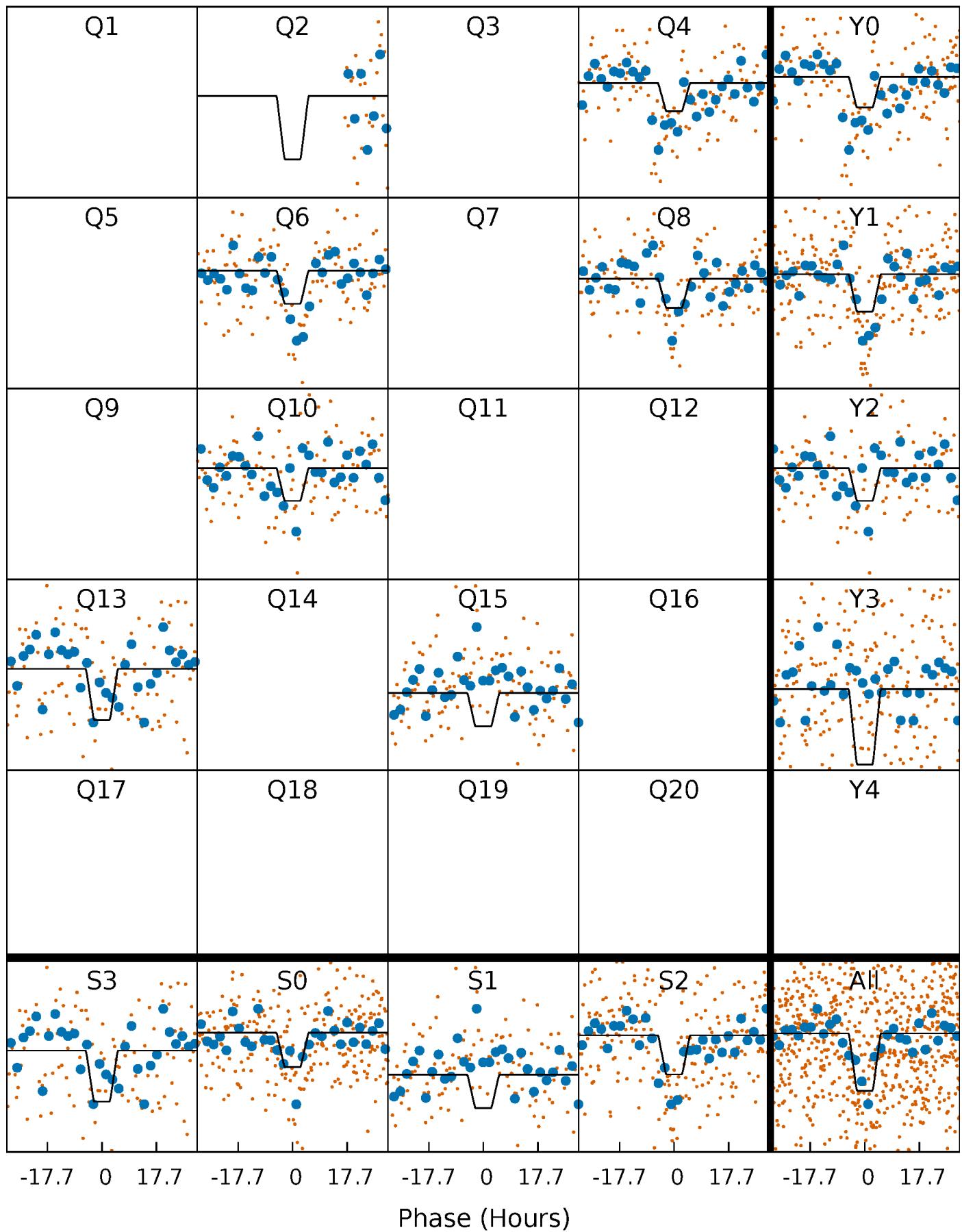
DV Quarter-Phased Transit Curves

TCE 007703955-03 P=201.330227 Days $T_0=244.471518$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

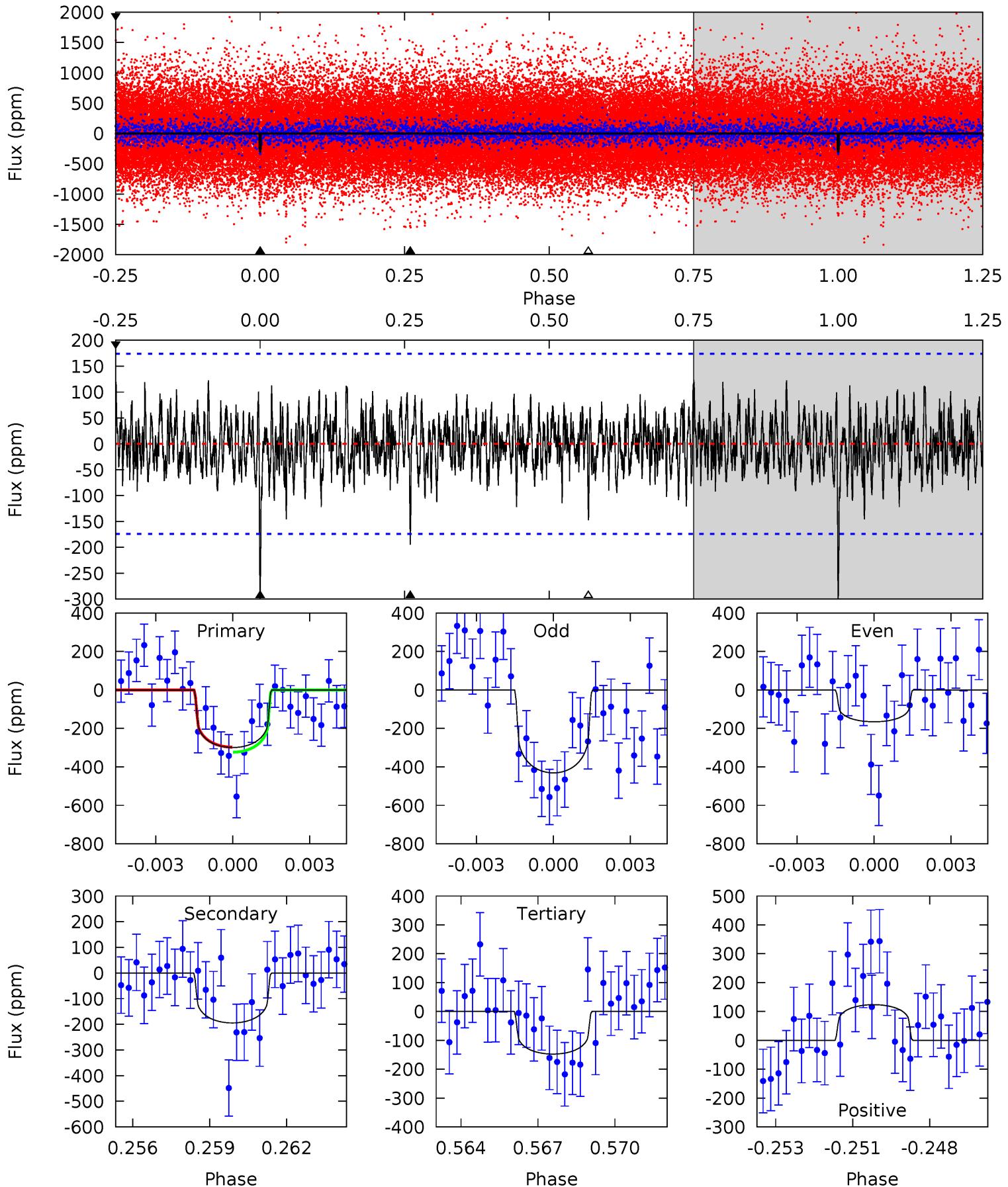
TCE 007703955-03 $P=201.325055$ Days $T_0=244.474114$ (BKJD)



DV Model-Shift Uniqueness Test

007703955-03, $P = 201.330227$ Days, $E = 43.141291$ Days

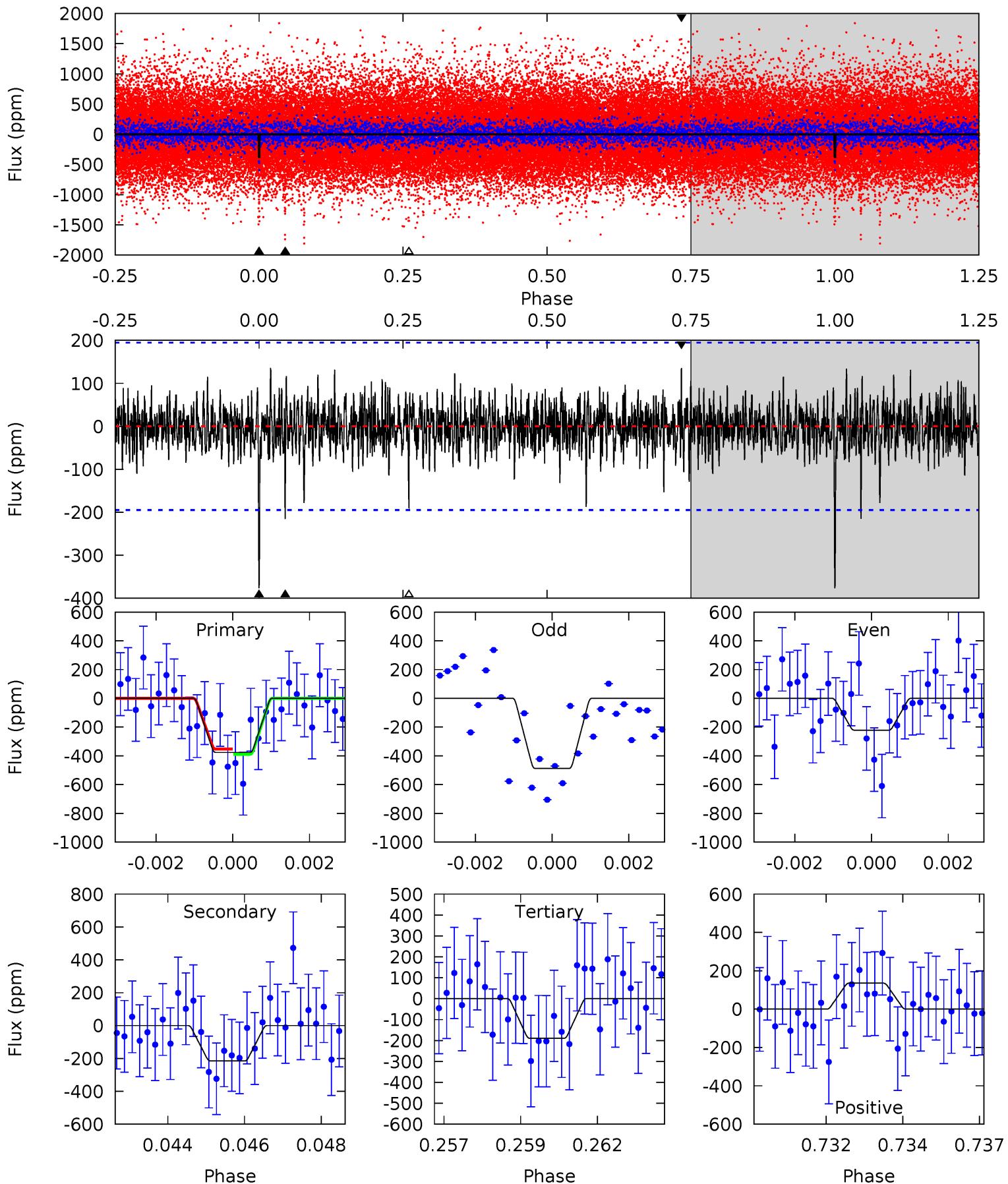
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
9.06	5.89	4.47	3.74	5.27	2.99	1.27	4.60	5.32	1.42	2.15	4.04	0.76	0.29	0.39



Alt Model-Shift Uniqueness Test

007703955-03, $P = 201.325055$ Days, $E = 43.149059$ Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
10.3	5.86	5.16	3.69	5.31	3.06	1.11	5.10	6.57	0.70	2.17	3.64	0.80	0.26	0.49



Stellar Parameters For KIC 007703955

	T _{eff} (K)	log(g)	[Fe/H]	R (R _⊕)	M(M _⊕)	p _★ (g·cm ⁻³)
	5792 ⁺¹⁰⁴ ₋₁₀₄	4.375 ^{+0.126} _{-0.103}	-0.260 ^{+0.150} _{-0.150}	1.005 ^{+0.136} _{-0.136}	0.875 ^{+0.070} _{-0.051}	1.214 ^{+0.652} _{-0.393}
	+2%/-2%	+3%/-2%	+58%/-58%	+14%/-14%	+8%/-6%	+54%/-32%
Source	SPE58	SPE58	SPE58		DSEP	

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

Secondary Eclipse Parameters for KIC 007703955-03 / KOI

Detrend	Depth (ppm)	R _p (R _⊕)	T _{max} (K)	T _{obs} (K)	A _{obs}
DV	-195±33	2.10 ^{+1.48} _{-1.22}	446 ⁺¹⁸ ₋₁₉	5026 ⁺²⁵⁸⁹ ₋₉₅₄	10196 ⁺⁴³⁶⁸⁷ ₋₆₆₅₉
Alt.	-215±37	2.32 ^{+1.50} _{-1.25}	446 ⁺¹⁹ ₋₁₉	4927 ⁺²¹⁹⁶ ₋₈₇₁	8888 ⁺³⁴⁸⁷⁵ ₋₅₅₁₈

T_{max} = Theoretical Maximum Planetary Temperature

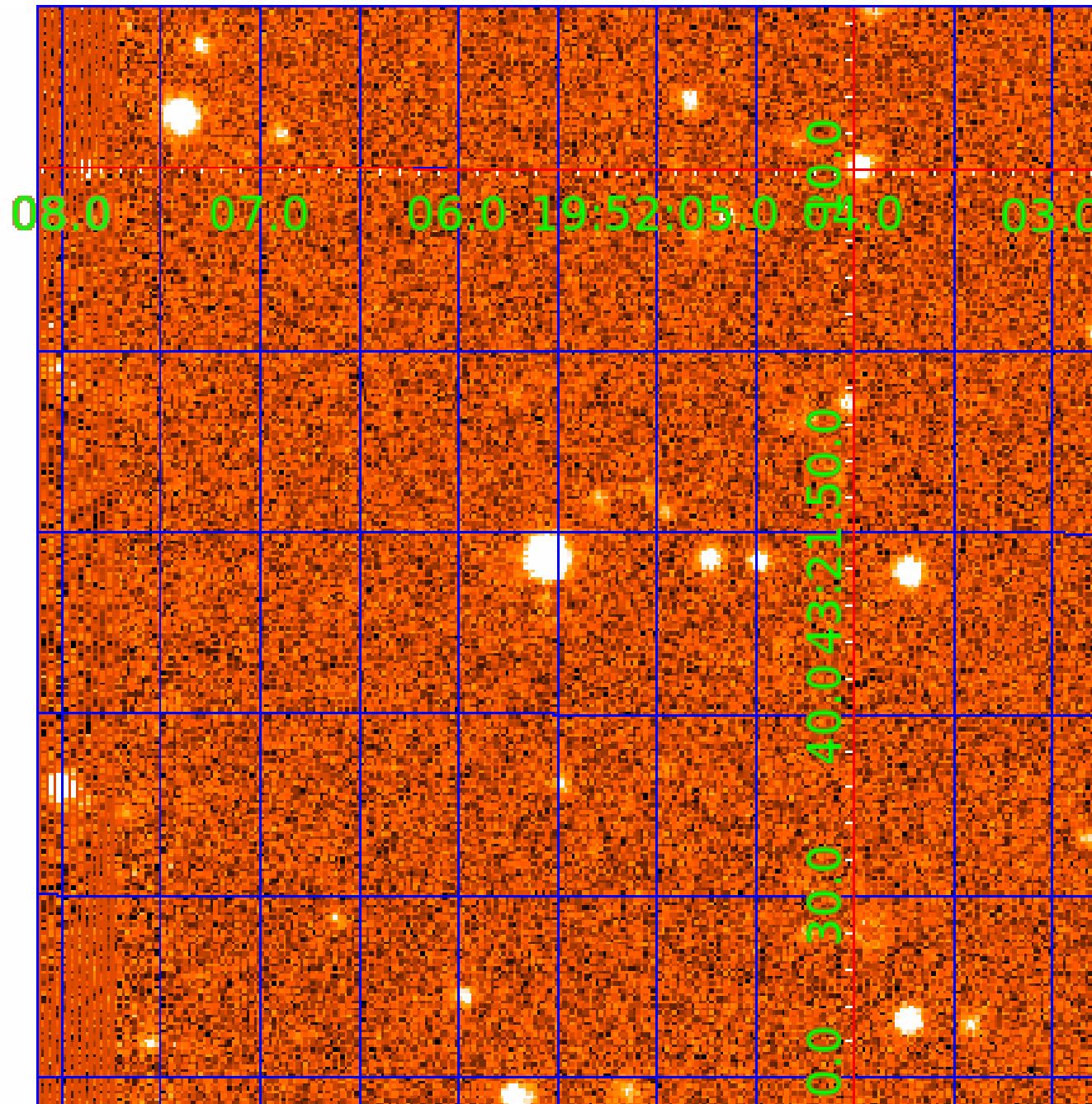
T_{obs} = Observed Planetary Temperature (Assuming A=0.3)

A_{obs} = Observed Albedo (Assuming T=0)

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

UKIRT Image

Declination



KIC 007703955

Q1-17 DR25 TCE Parameters

TCE	Run Type	KOI?	Period (Days)	Epoch (BKJD)	Depth (ppm)	Duration (Hours)	MES	SNR	R_* (R_{\odot})	T_* (K)	R_p (R_{\oplus})	S_p (S_{\oplus})
007703955-01	SCR	No	479.633637	161.744046	946.7	9.264	9.9	10.1	1.00	5792	3.98	0.78
007703955-02	SCR	No	471.125705	539.947932	646.6	8.614	8.4	8.1	1.00	5792	2.79	0.79
007703955-03	SCR	No	201.330227	244.471518	337.7	13.019	7.9	6.7	1.00	5792	1.95	2.46
007703955-04	SCR	No	486.074608	560.146332	735.1	8.344	7.7	8.9	1.00	5792	2.94	0.76

Robovetter Results

TCE	Run Type	Disp	Score	N	S	C	E	Comments
007703955-01	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-02	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_RUBBLE—INCONSISTENT_TRANS
007703955-03	SCR	FP	0.08	1	0	0	0	INDIV_TRANS_MARSHALL
007703955-04	SCR	FP	0.00	1	0	0	0	INDIV_TRANS_CHASES_MARSHALL

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.

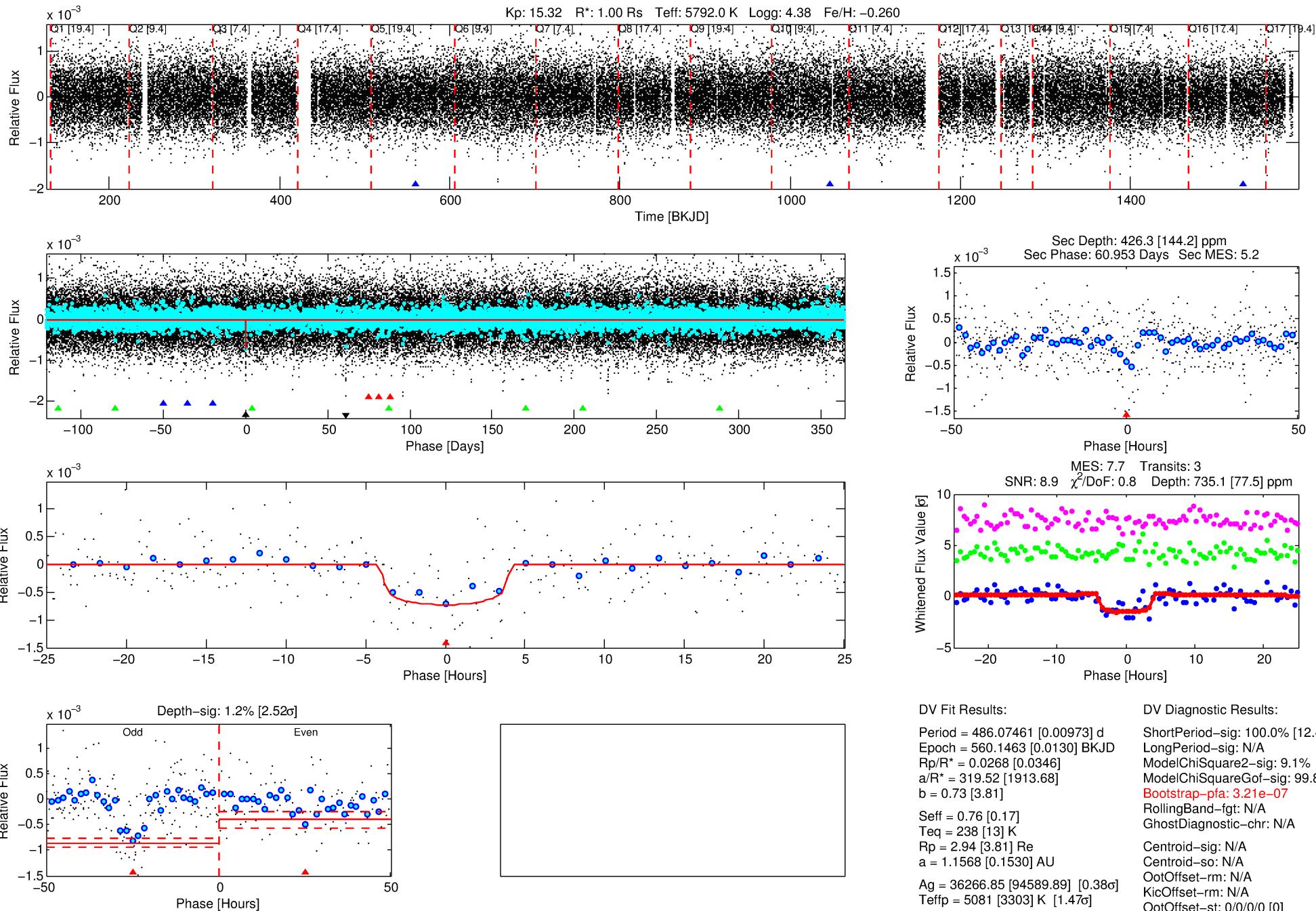
Ephemeris Match Information For 007703955-04

No Significant Match Found

**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**

DV One-Page Summary

KIC: 7703955 Candidate: 4 of 4 Period: 486.075 d



**WARNING: THIS DATA IS
SIMULATED, NOT OBSERVED**

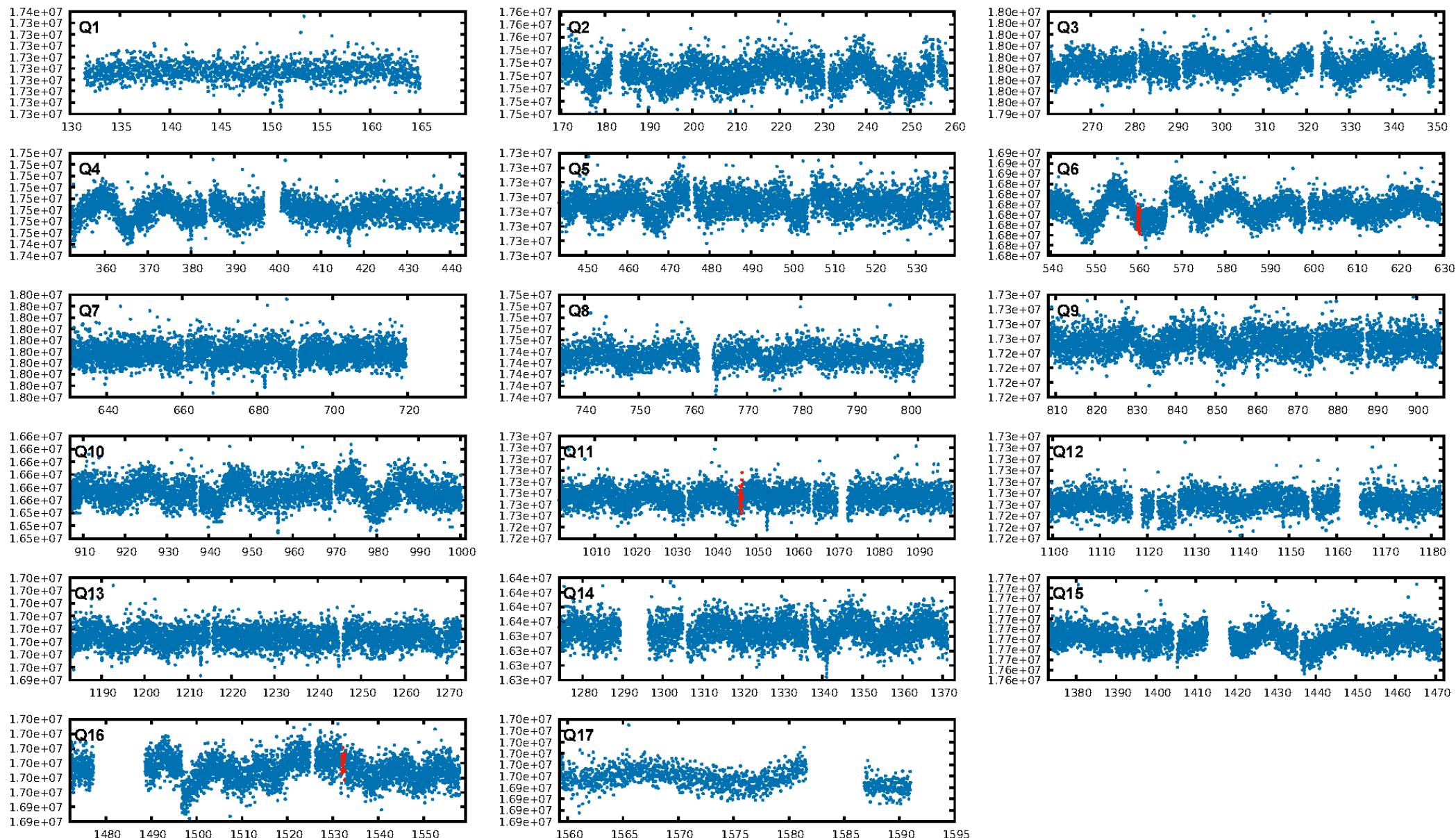
DV Fit Results:

Period = 486.07461 [0.00973] d
Epoch = 560.1463 [0.0130] BKJD
Rp/R* = 0.0268 [0.0346]
a/R* = 319.52 [1913.68]
b = 0.73 [3.81]
Seff = 0.76 [0.17]
Teq = 238 [13] K
Rp = 2.94 [3.81] Re
a = 1.1568 [0.1530] AU
Ag = 36266.85 [94589.89] [0.38 σ]
Teffp = 5081 [3303] K [1.47 σ]

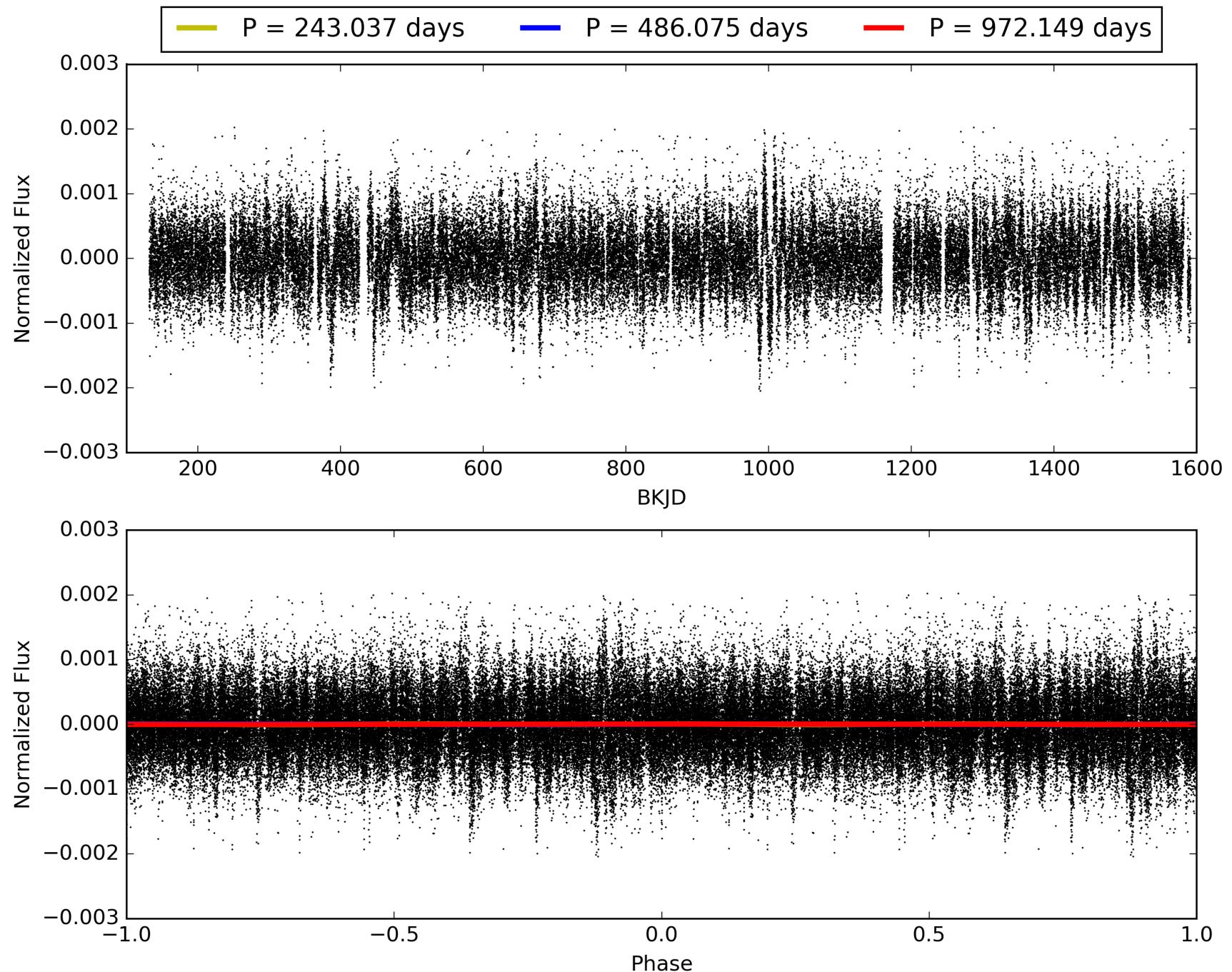
DV Diagnostic Results:

ShortPeriod-sig: 100.0% [12.40 σ]
LongPeriod-sig: N/A
ModelChiSquare2-sig: 9.1%
ModelChiSquareGof-sig: 99.8%
Bootstrap-pfa: 3.21e-07
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 007703955-04, PDC Light Curves

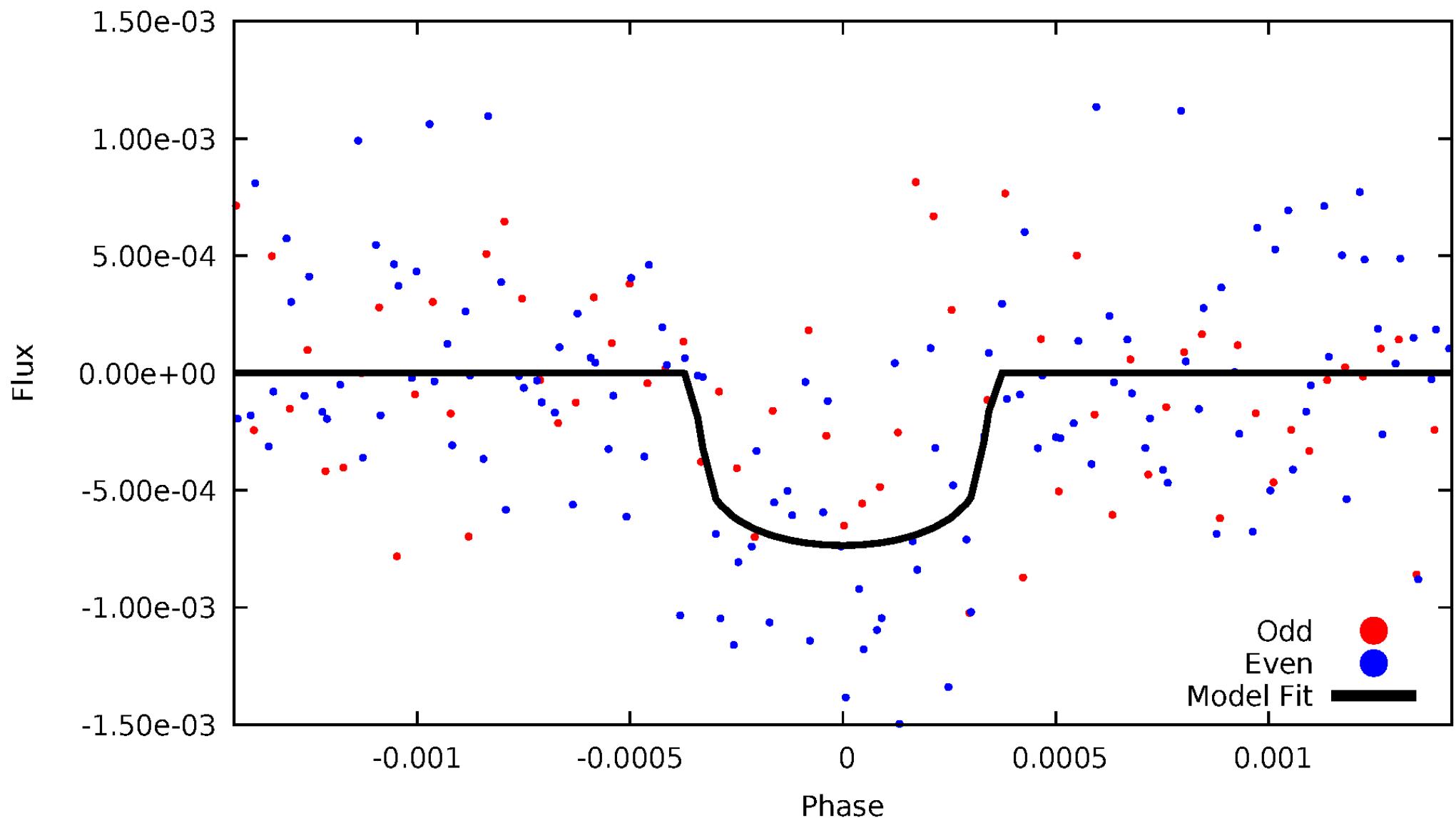


TCE 007703955-04



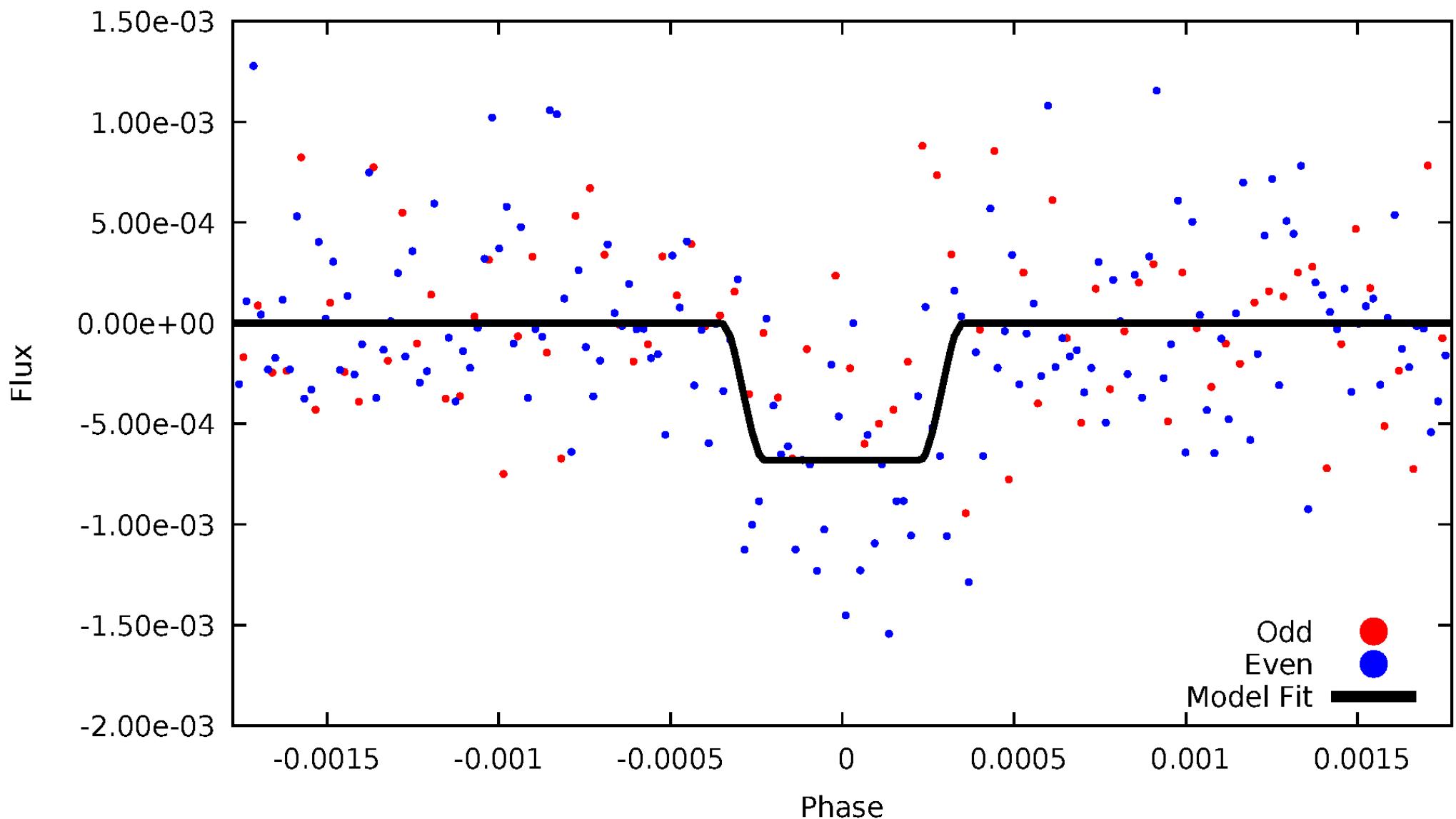
DV Odd/Even

TCE 007703955-04

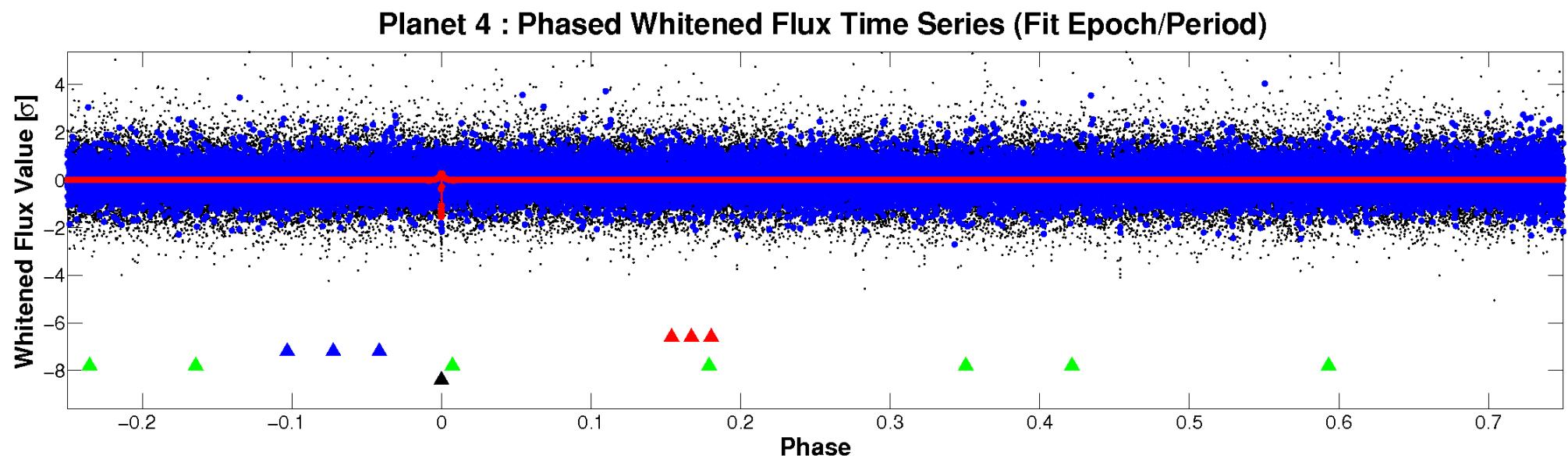
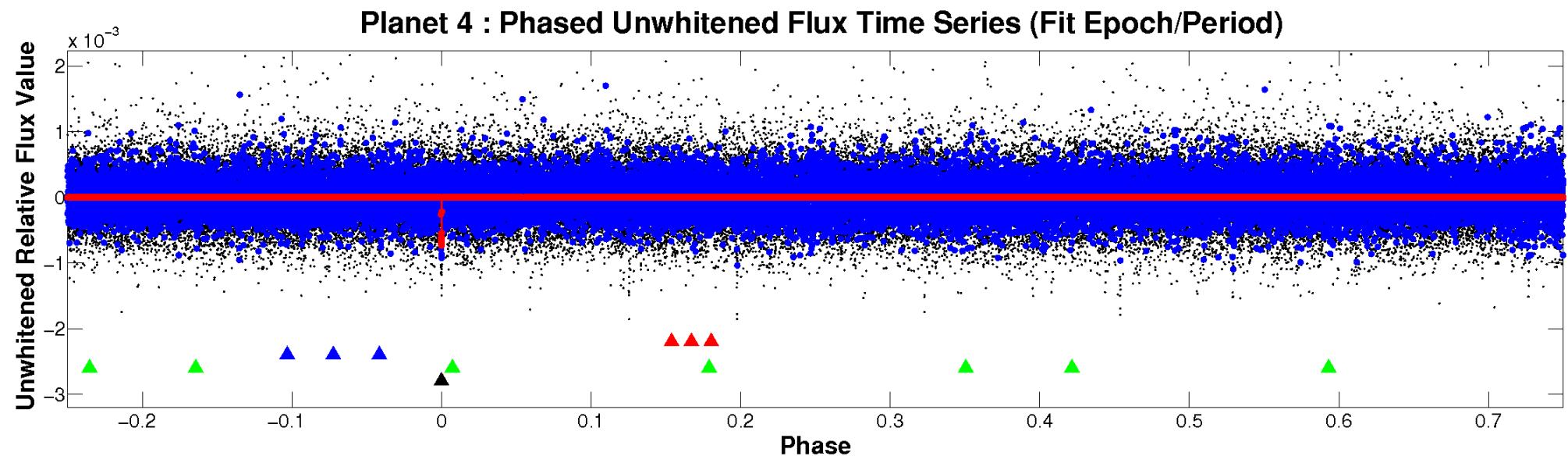


ALT Odd/Even

TCE 007703955-04

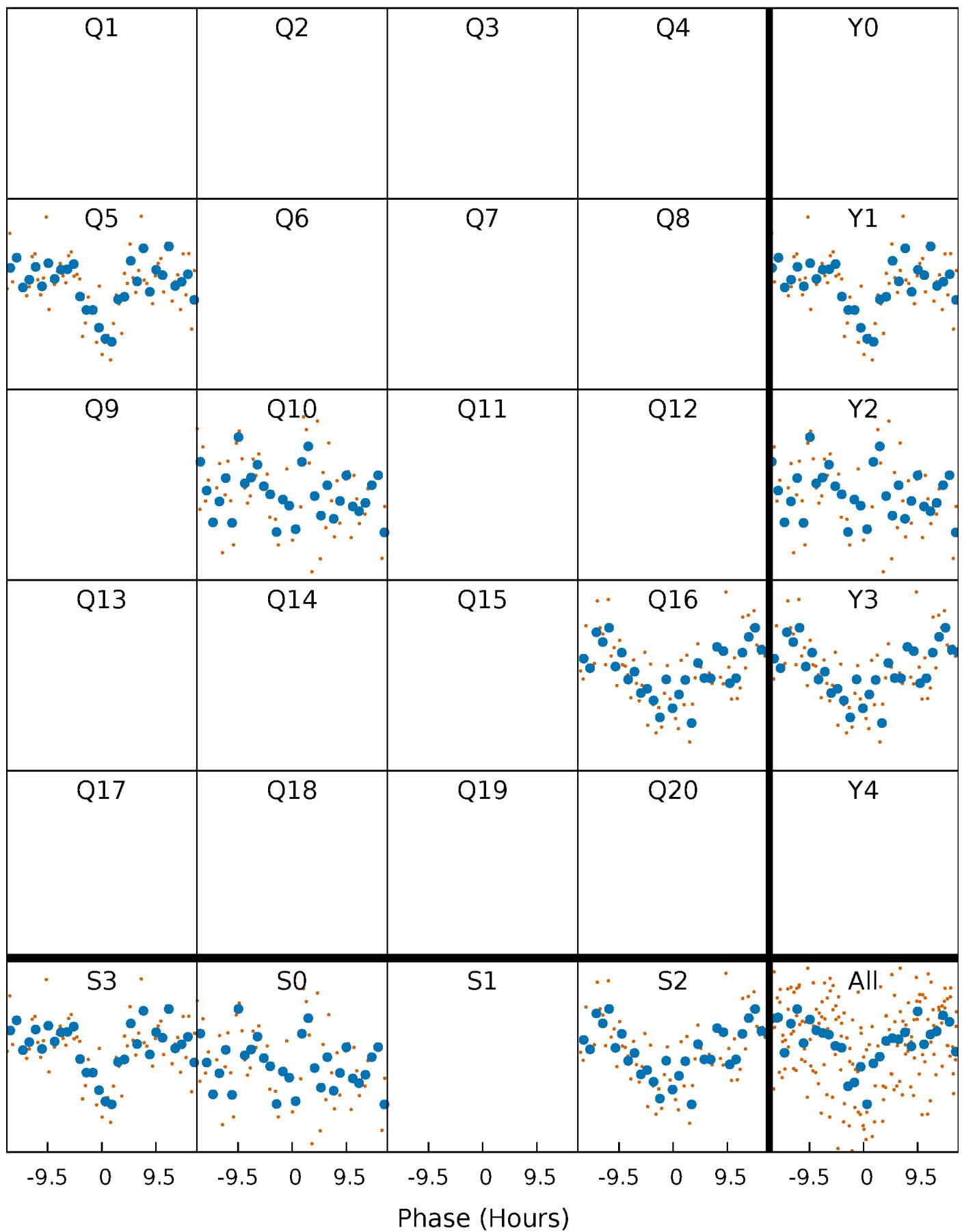


Non-Whitened Vs. Whitened Light Curve



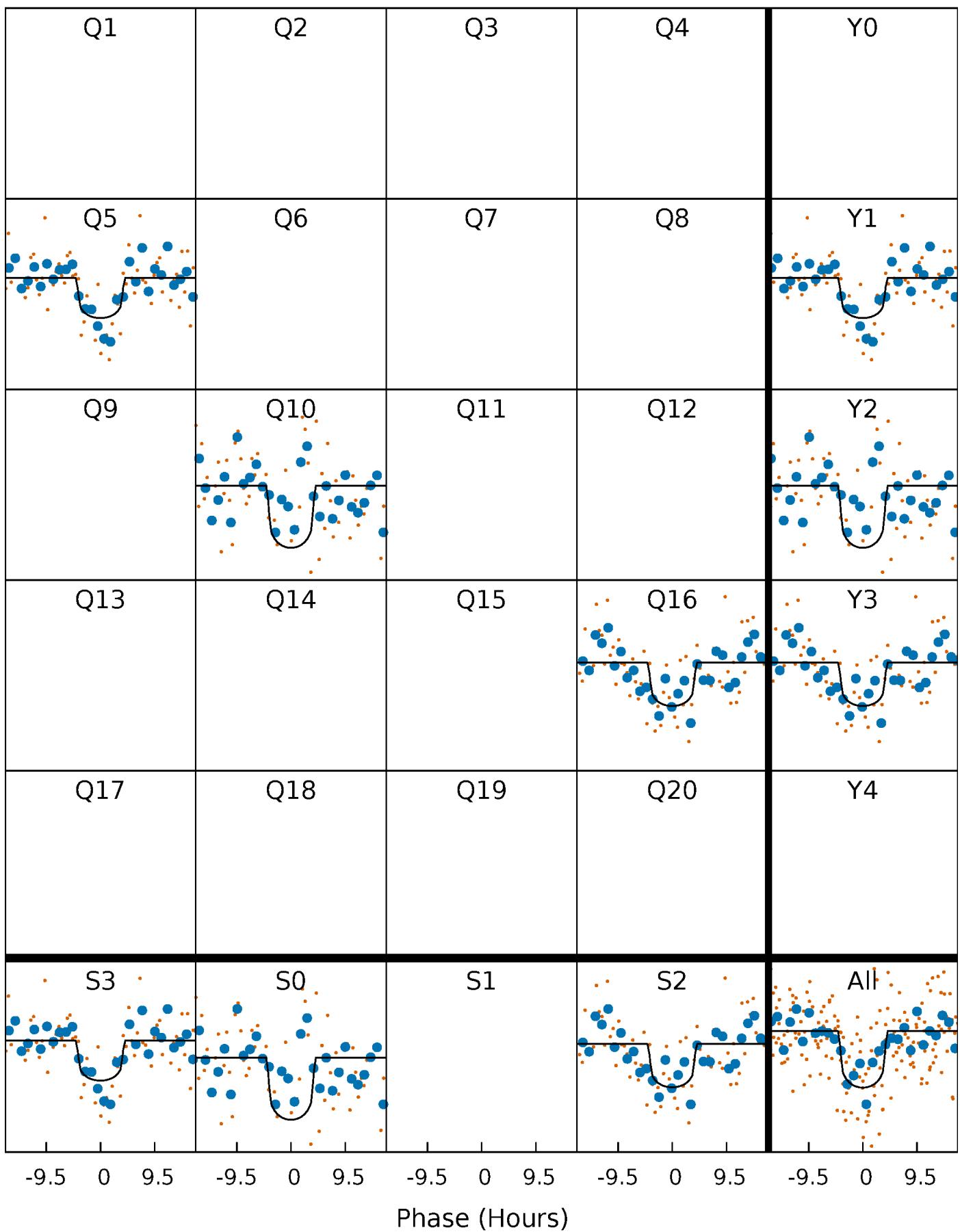
PDC Quarter-Phased Transit Curves

TCE 007703955-04 $P=486.074608$ Days $T_0=560.146332$ (BKJD)



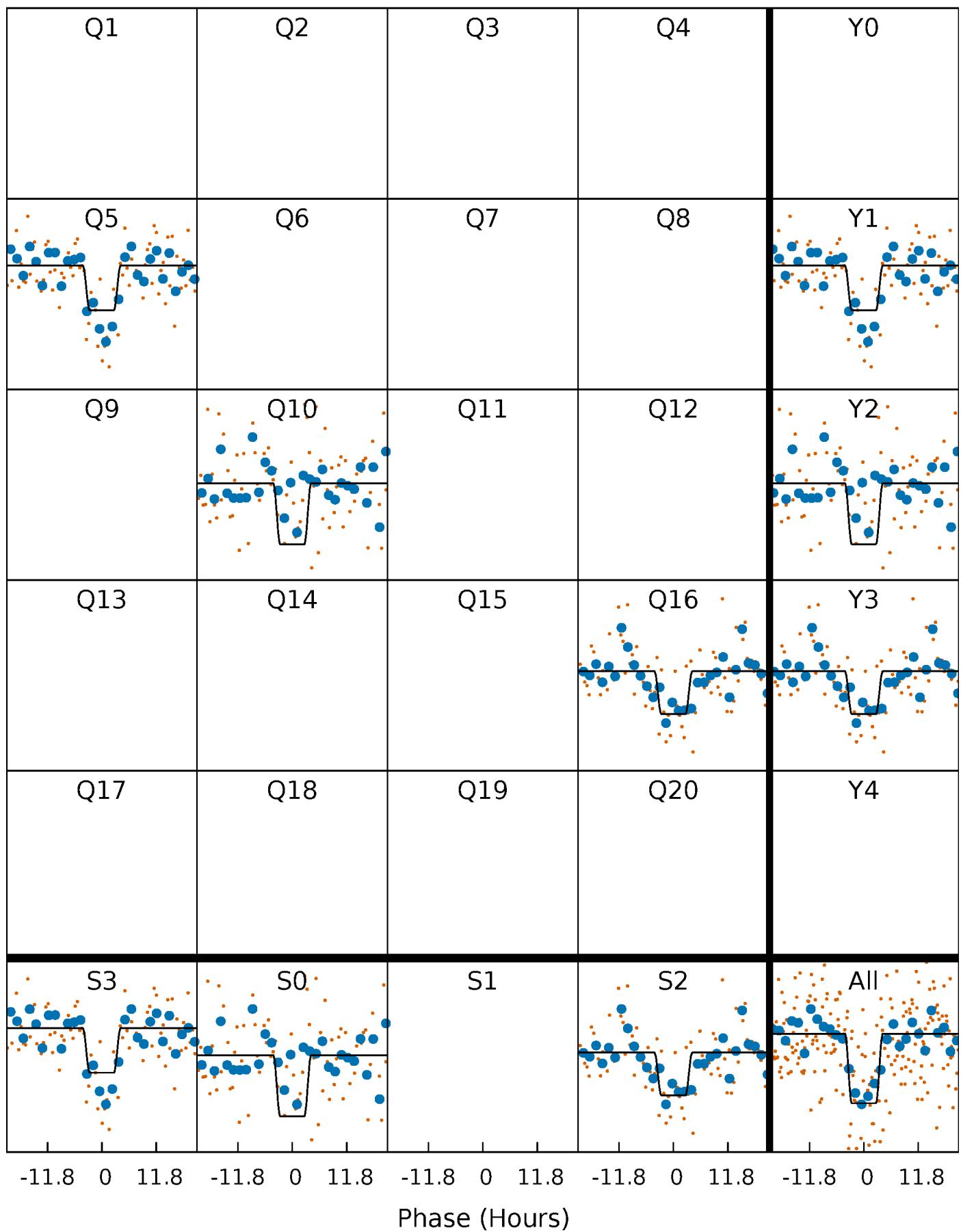
DV Quarter-Phased Transit Curves

TCE 007703955-04 P=486.074608 Days $T_0=560.146332$ (BKJD)



Alt. Detrend Quarter-Phased Transit Curves

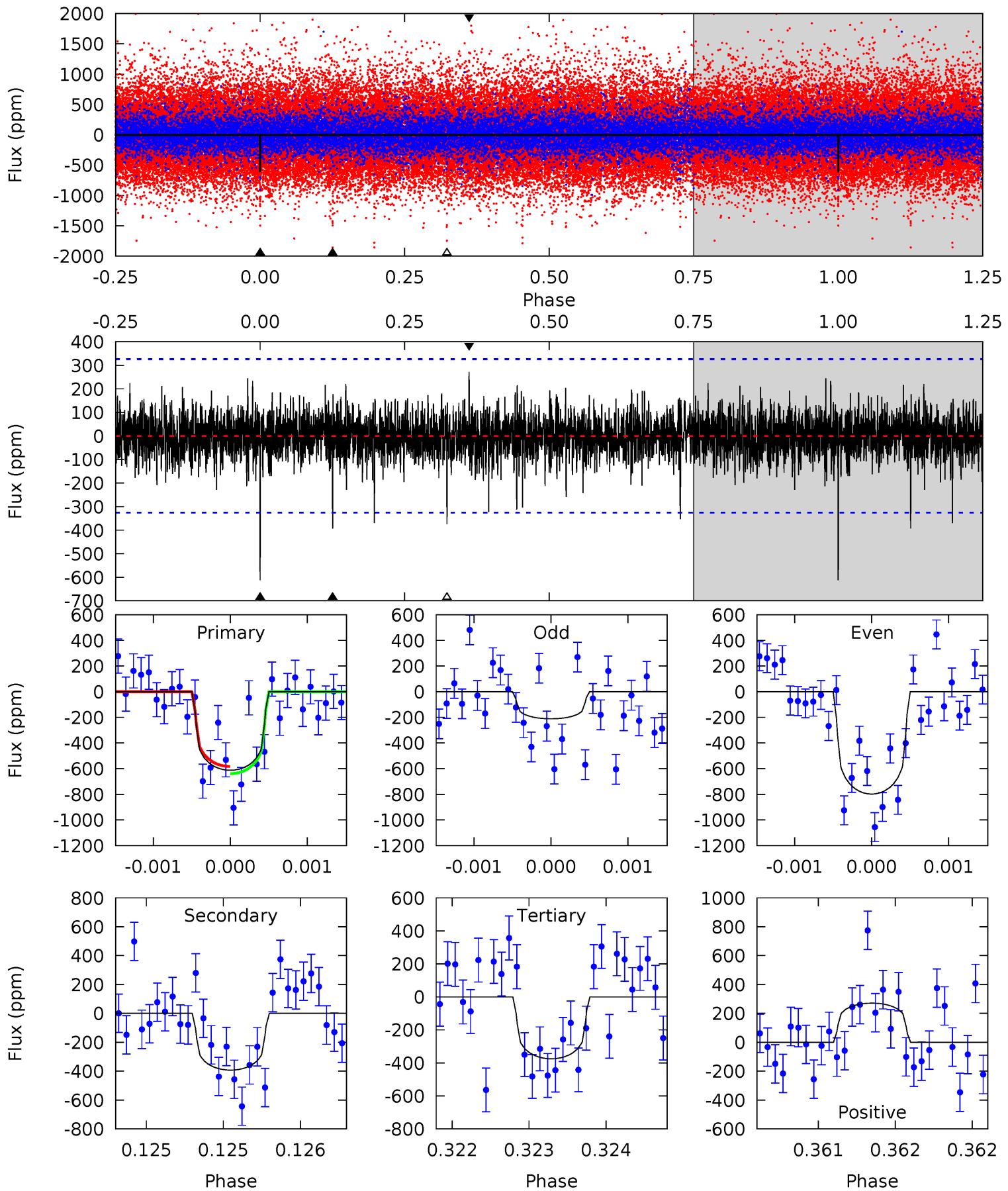
TCE 007703955-04 P=486.046281 Days $T_0=560.144680$ (BKJD)



DV Model-Shift Uniqueness Test

007703955-04, $P = 486.074608$ Days, $E = 74.071724$ Days

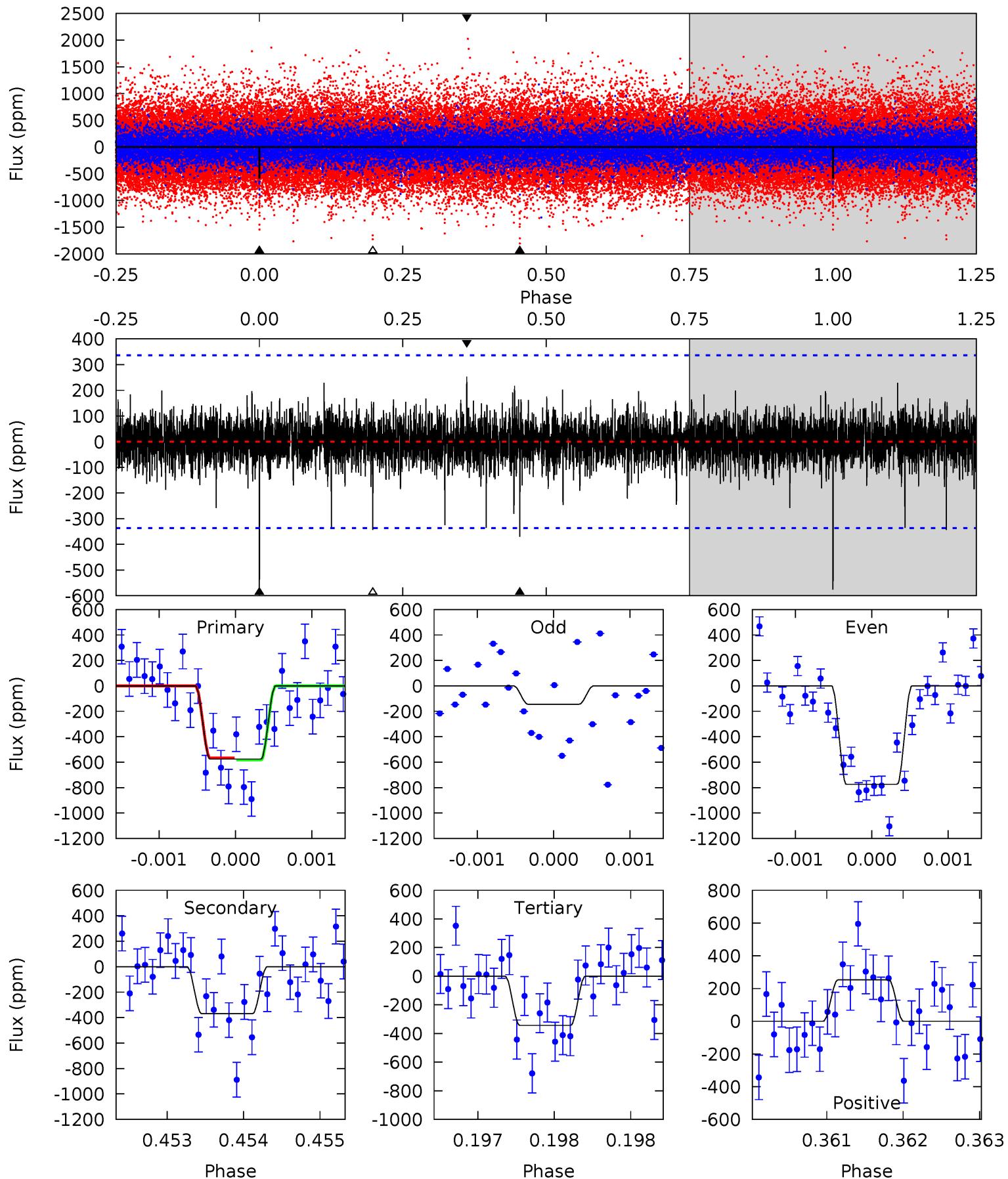
Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
10.3	6.64	6.33	4.58	5.50	3.37	1.16	4.01	5.77	0.30	2.06	4.62	0.84	0.31	0.48



Alt Model-Shift Uniqueness Test

007703955-04, P = 486.046281 Days, E = 74.098399 Days

Pri	Sec	Ter	Pos	FA ₁	FA ₂	F _{Red}	Pri-Ter	Pri-Pos	Sec-Ter	Sec-Pos	Odd-Evn	DMM	Shape	TAT
9.44	6.07	5.63	4.14	5.52	3.40	0.98	3.81	5.30	0.43	1.92	4.87	0.90	0.31	0.13



Stellar Parameters For KIC 007703955

	T _{eff} (K)	log(g)	[Fe/H]	R (R _⊕)	M(M _⊕)	p _{star} (g·cm ⁻³)
	5792 ⁺¹⁰⁴ ₋₁₀₄	4.375 ^{+0.126} _{-0.103}	-0.260 ^{+0.150} _{-0.150}	1.005 ^{+0.136} _{-0.136}	0.875 ^{+0.070} _{-0.051}	1.214 ^{+0.652} _{-0.393}
	+2%/-2%	+3%/-2%	+58%/-58%	+14%/-14%	+8%/-6%	+54%/-32%
Source	SPE58	SPE58	SPE58		DSEP	

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

Secondary Eclipse Parameters for KIC 007703955-04 / KOI

Detrend	Depth (ppm)	R _p (R _⊕)	T _{max} (K)	T _{obs} (K)	A _{obs}
DV	-393±59	4.02 ^{+3.48} _{-2.78}	332 ⁺¹⁵ ₋₁₅	4446 ⁺³¹⁸⁵ ₋₈₉₀	18509 ⁺¹⁵⁶⁹⁰¹ ₋₁₃₆₁₁
Alt.	-370±61	3.80 ^{+3.50} _{-2.47}	333 ⁺¹³ ₋₁₄	4519 ⁺²⁷⁶¹ ₋₉₇₆	19514 ⁺¹³⁴⁵⁹⁹ ₋₁₄₄₉₆

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} ≫ T_{max} AND A_{obs} ≫ 1.0

UKIRT Image

Declination

