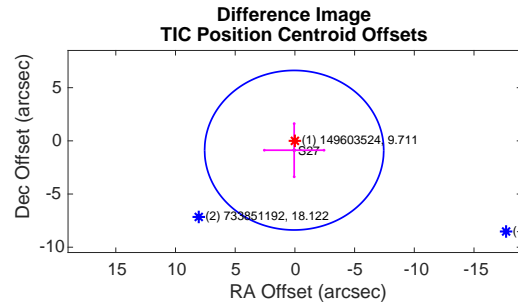
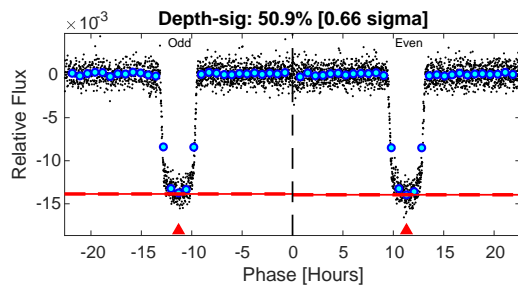
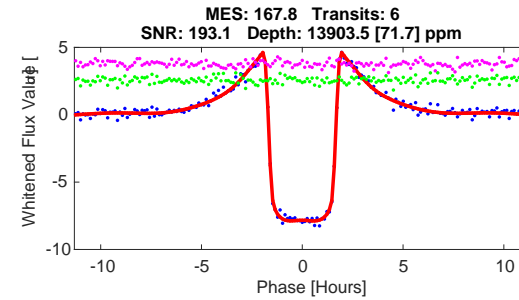
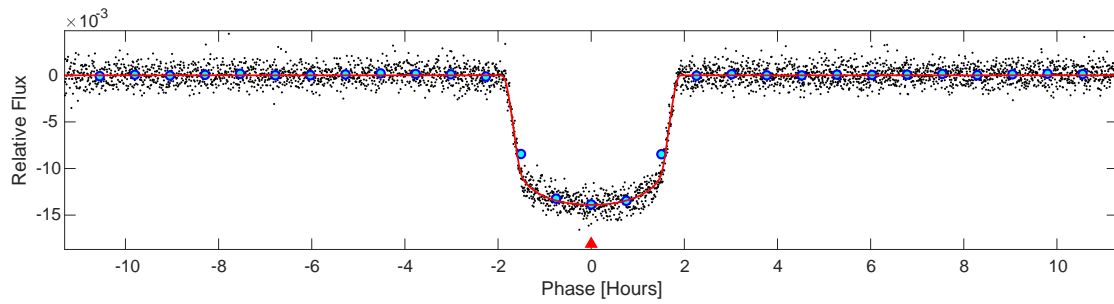
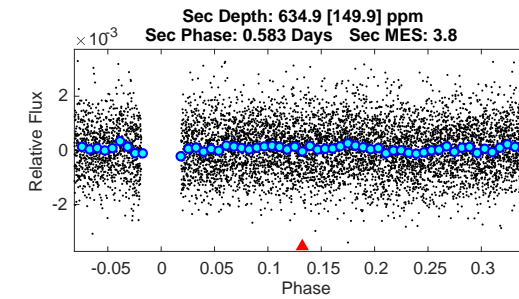
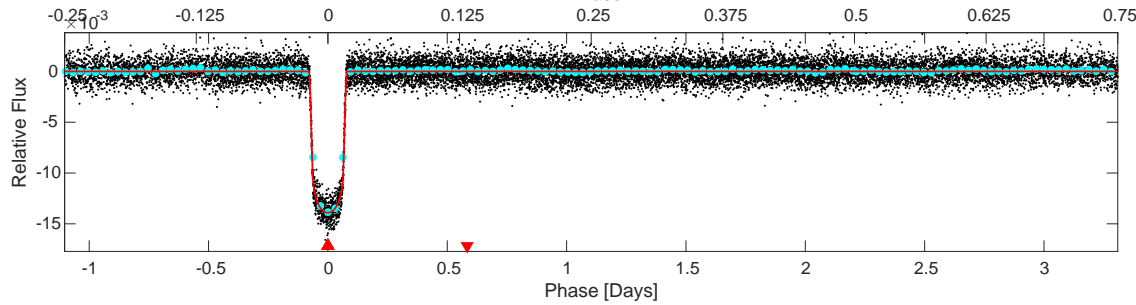
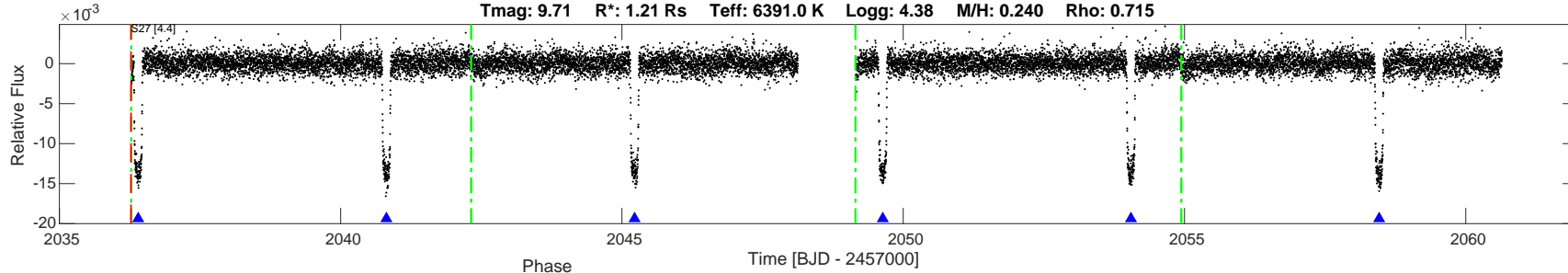


TIC: 149603524 Candidate: 1 of 1 Period: 4.412 d
TOI: 102.01 Corr: 0.996

Tmag: 9.71 R*: 1.21 Rs Teff: 6391.0 K Logg: 4.38 M/H: 0.240 Rho: 0.715



DV Fit Results:

Period = 4.41193 [0.00007] d
Epoch = 2036.4009 [0.0002] BTJD
Rp/R* = 0.1101 [0.0005]
a/R* = 9.95 [0.20]
b = 0.01 [2.02]
Seff = 673.79 [97.93]
Teq = 1299 [47] K
Rp = 14.59 [0.65] Re
a = 0.0572 [0.0039] AU
Rho = 0.680 [0.041]
Ag = 5.37 [1.44] [3.04 sigma]
Tp = 3058 [189] K [9.03 sigma]

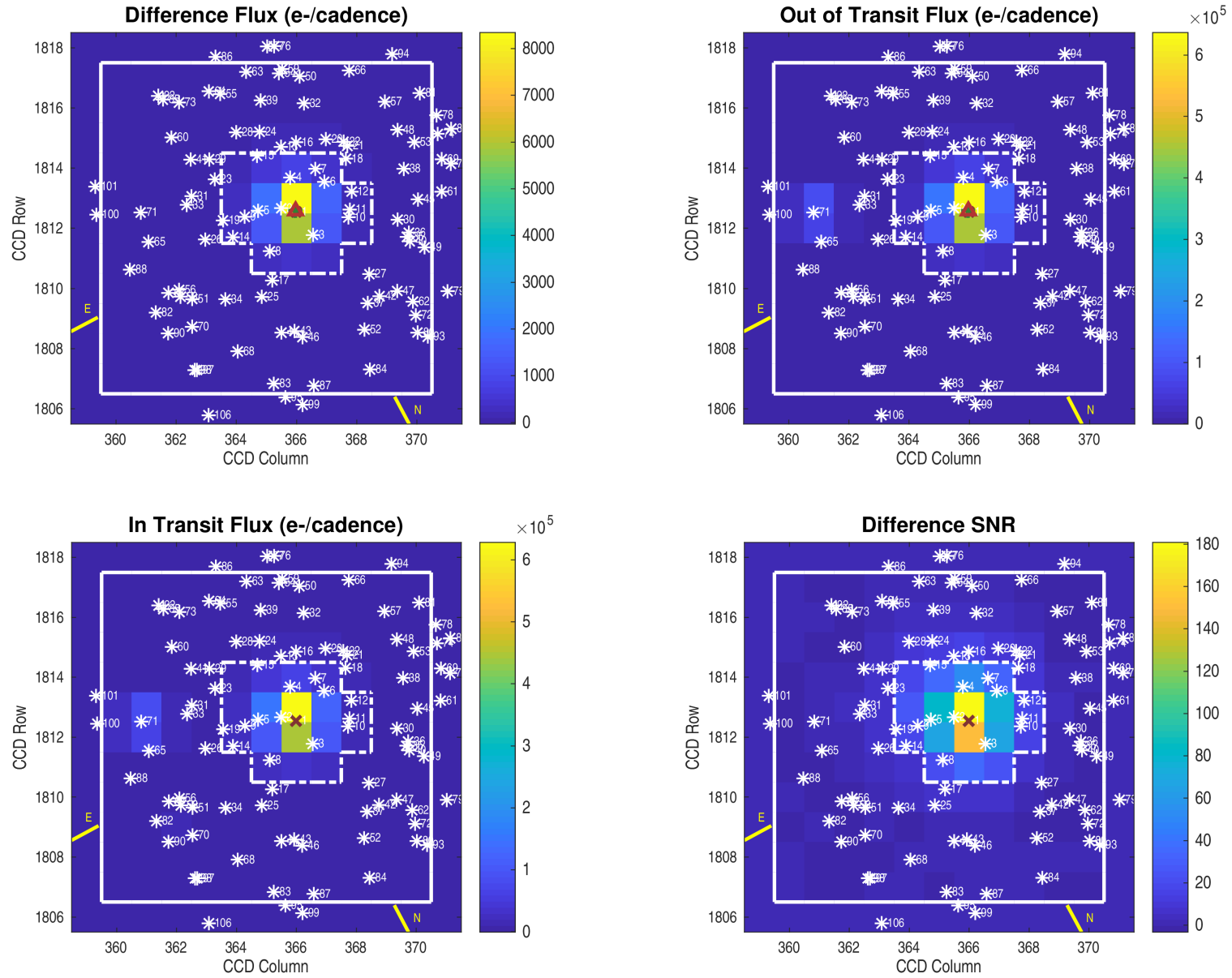
DV Diagnostic Results:

ShortPeriod-sig: N/A
LongPeriod-sig: N/A
ModelChiSquare2-sig: 0.2%
ModelChiSquareGof-sig: 100.0%
Bootstrap-pfa: 0.00e+00
GhostDiagnostic-chr: 11.29
OotOffset-rm: 0.115 arcsec [0.05 sigma]
TicOffset-rm: 0.882 arcsec [0.35 sigma]
OotOffset-tot: 1
TicOffset-tot: 1
DiffImageQuality-fgm: 1.00 [1/1]
DiffImageOverlap-fno: 1.00 [1/1]

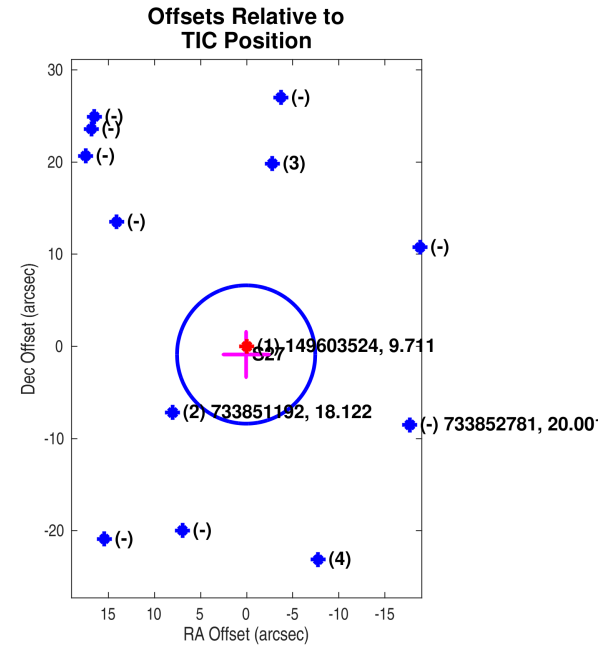
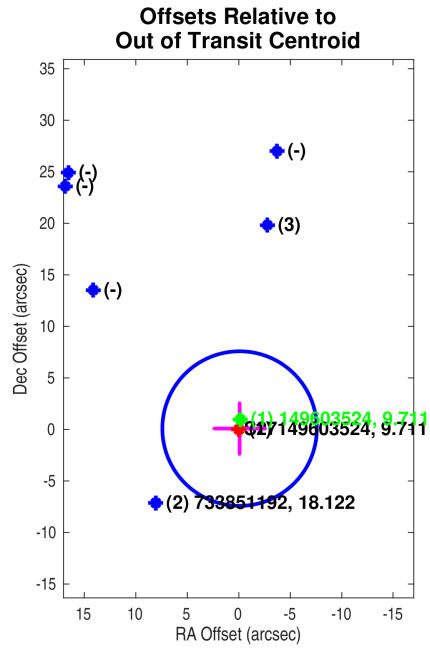
Software Revision: spoc-5.0.9-20200827 -- Date Generated: 29-Aug-2020 00:51:48 Z

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

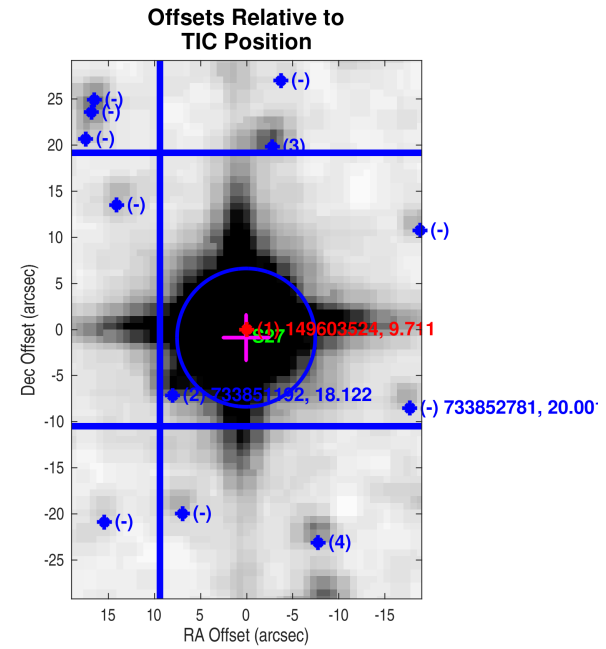
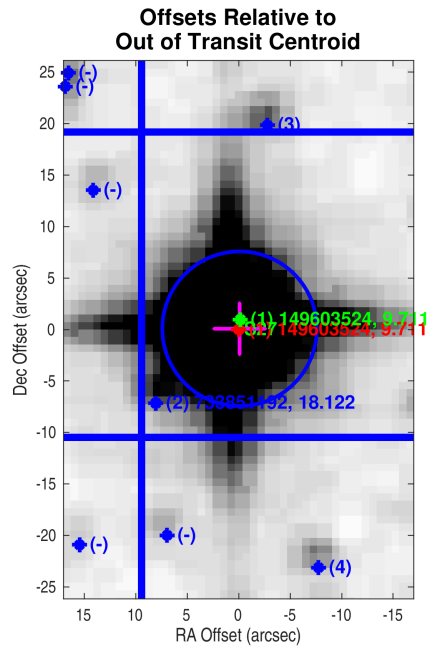
Planet Candidate 1 / Sector 27 / Target Pixel Table 258

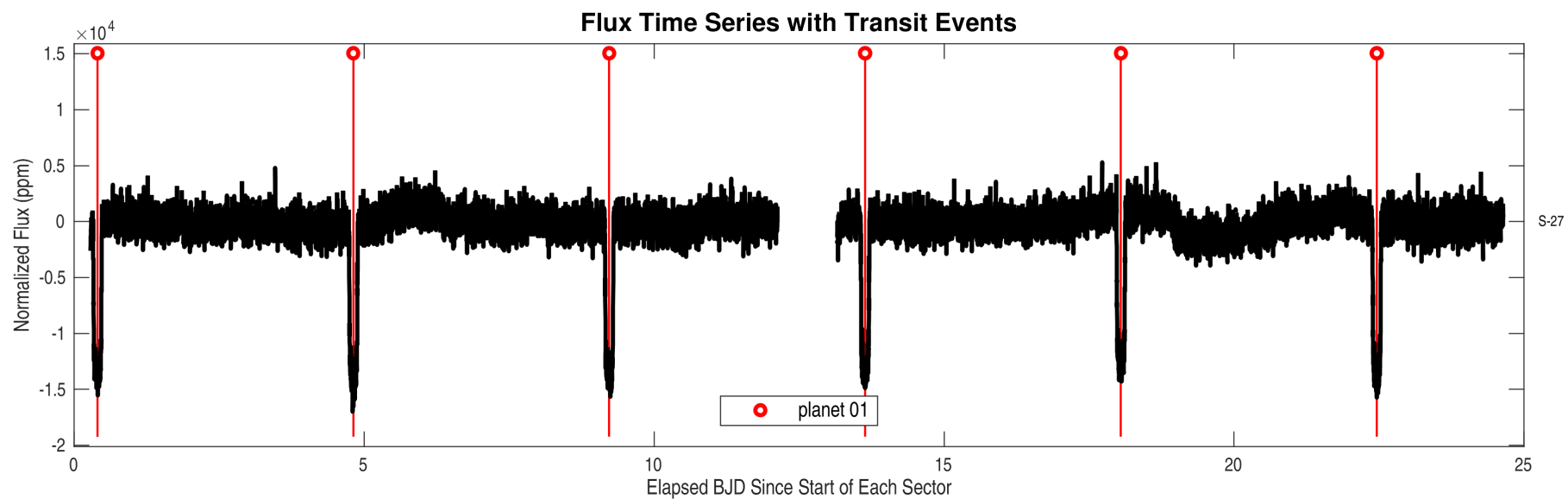
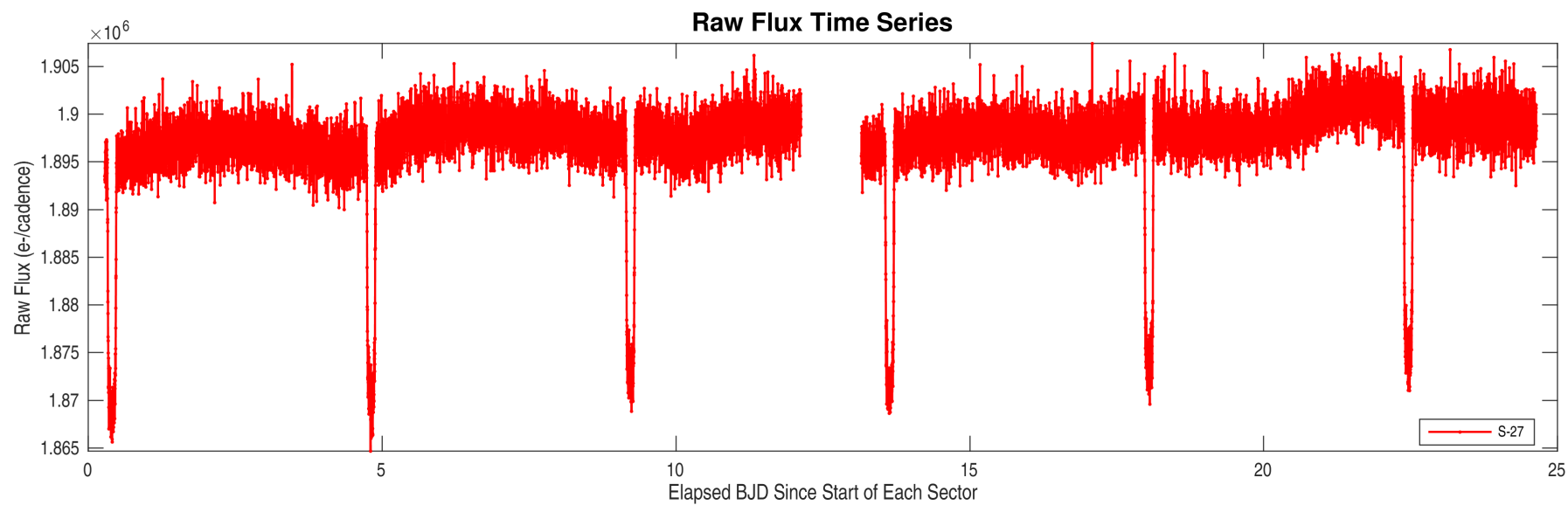


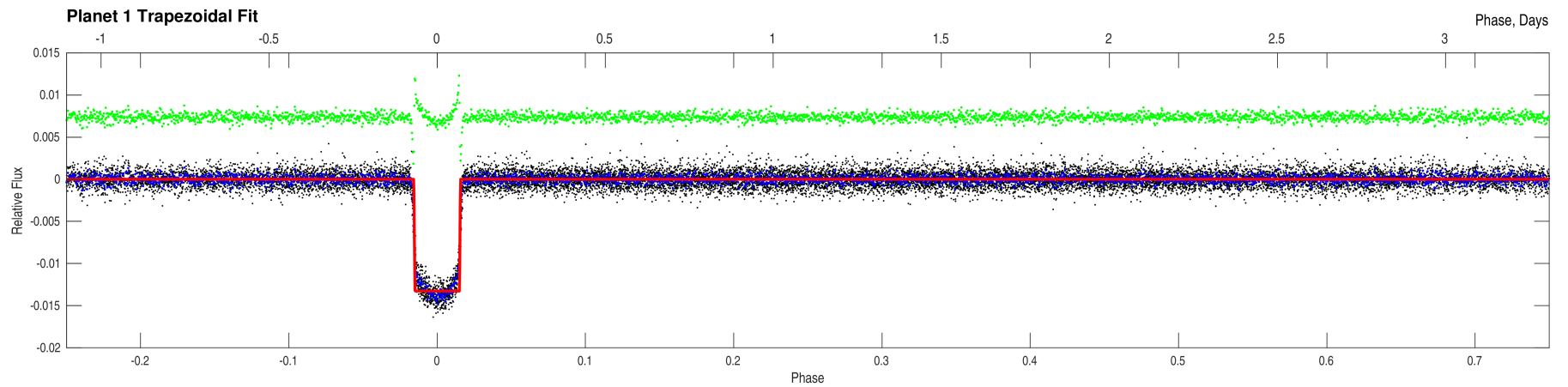
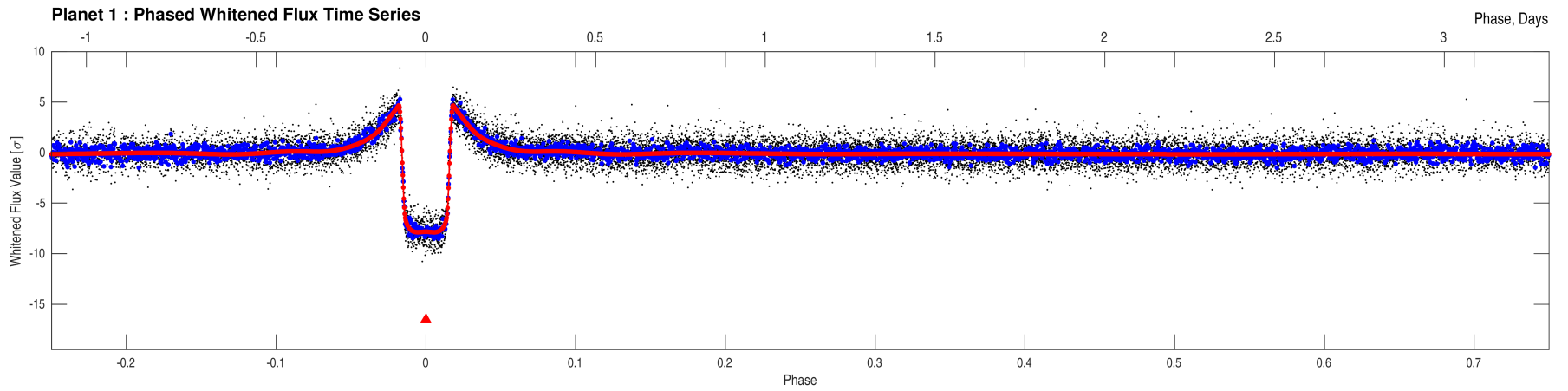
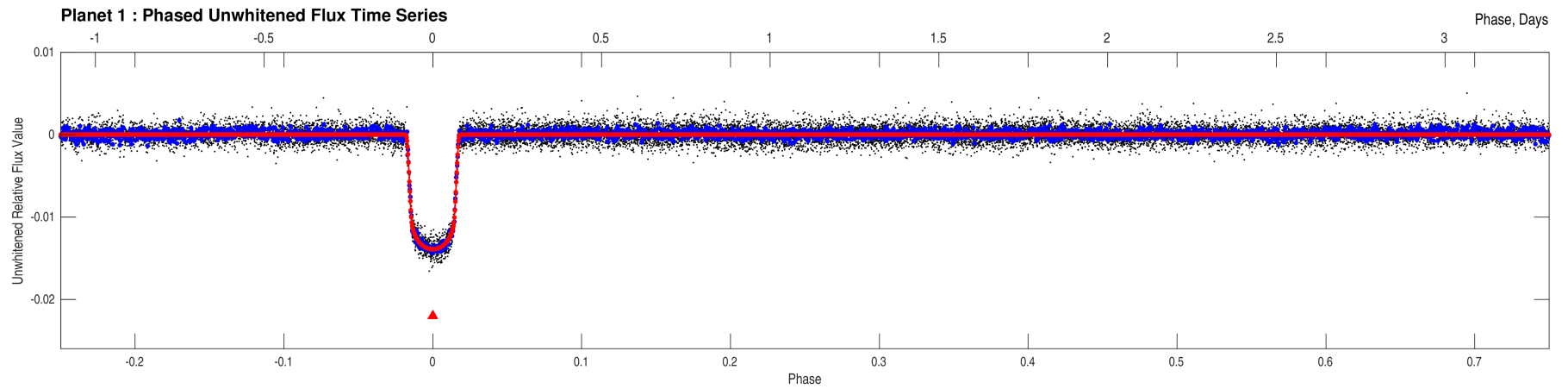
Planet Candidate 1



Planet Candidate 1

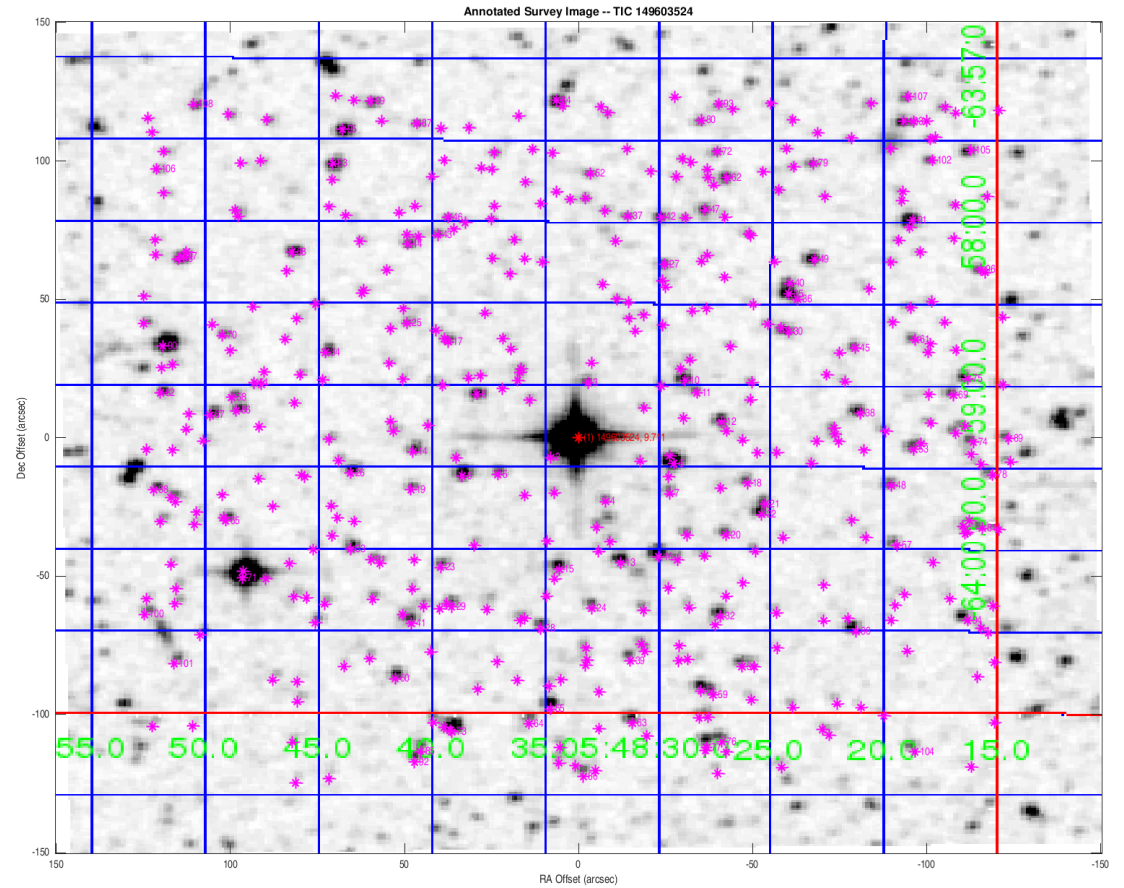






Stellar Distance Table

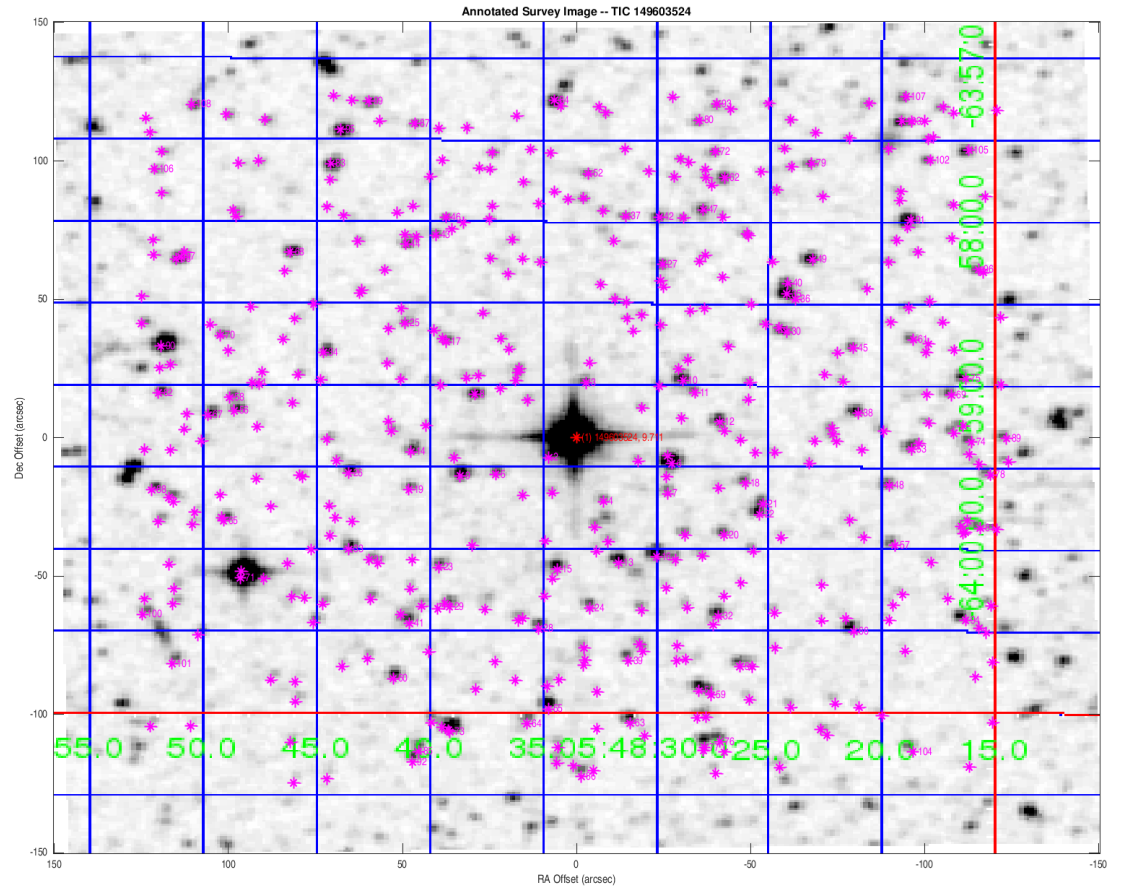
Index	TIC ID	TESS Mag	Distance (arcsec)
1	0000000149603524	9.71	0.00
2	0000000733851192	18.12	10.77
3	0000000733851191	18.16	20.02
4	0000000733851143	18.53	24.39
5	0000000733851193	18.28	26.77
6	0000000149603525	15.04	28.93
7	0000000733852774	18.41	33.07
8	0000000149603518	15.96	33.22
9	0000000149603528	16.00	36.19
10	0000000149603517	16.66	36.93
11	0000000733852828	18.46	37.66
12	0000000149603521	17.03	41.52
13	0000000149603533	16.71	46.83
14	0000000733851190	17.92	47.81
15	0000000149603534	16.93	47.89
16	0000000149603531	15.50	48.81
17	0000000733851201	18.24	51.00
18	0000000733852775	18.29	51.24
19	0000000733851158	18.24	51.69
20	0000000733852756	18.11	55.13
21	0000000733852760	18.32	58.69
22	0000000149603530	17.07	59.52
23	0000000733851154	18.23	61.38
24	0000000733851125	18.29	61.77
25	0000000733851202	18.51	64.34
26	0000000149603527	17.13	66.78
27	0000000149603509	17.59	67.35
28	0000000733851124	17.81	69.94
29	0000000733851141	18.23	71.20
30	0000000733852827	17.57	71.41
31	0000000149603532	18.00	74.14
32	0000000733852771	17.35	76.37
33	0000000733851157	17.36	76.86
34	0000000149603515	17.25	78.97
35	0000000149603510	16.51	79.72
36	0000000733852830	18.07	80.38
37	0000000733852855	18.67	81.22
38	0000000149603519	17.00	81.42
39	0000000733851131	18.05	82.03
40	0000000733852829	18.13	82.38



Distances are corrected for proper motion. This table may not contain all of the objects shown.

Stellar Distance Table – Continued

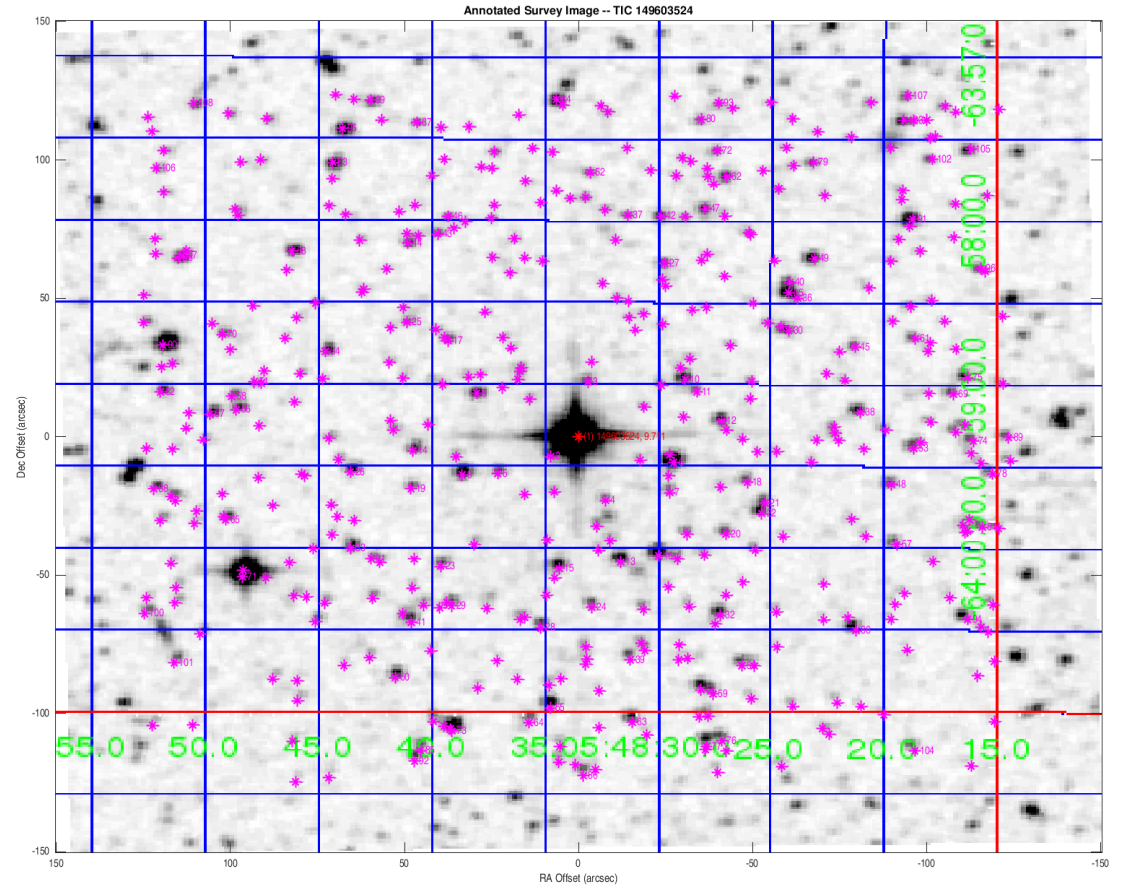
Index	TIC ID	TESS Mag	Distance (arcsec)
41	0000000733851110	18.17	82.53
42	0000000733852847	17.64	83.16
43	0000000733851413	18.27	83.64
44	0000000733851412	17.94	85.41
45	0000000733852812	18.48	85.84
46	0000000733851414	18.66	88.03
47	0000000733852848	17.56	90.02
48	0000000733852798	18.12	91.56
49	0000000149603507	16.43	93.49
50	0000000733851928	18.11	95.12
51	0000000733851390	18.55	95.27
52	0000000733851415	18.40	95.45
53	0000000733852805	18.27	96.41
54	0000000733851913	17.52	98.04
55	0000000149603543	16.18	98.37
56	0000000733851187	17.91	98.83
57	0000000733851942	18.30	99.43
58	0000000733851387	18.50	100.73
59	0000000733851917	18.33	100.73
60	0000000733851123	17.17	101.77
61	0000000733852813	18.33	103.03
62	0000000733852849	17.53	103.16
63	0000000149603546	17.21	104.32
64	0000000733851132	18.21	104.35
65	0000000733851170	18.11	105.79
66	0000000149603539	16.97	106.15
67	0000000149603520	17.06	106.20
68	0000000149603504	16.66	106.25
69	0000000733852795	18.18	108.76
70	0000000733851386	18.28	108.85
71	0000000149603535	11.86	109.06
72	0000000733852851	18.60	110.85
73	0000000149603547	15.82	112.39
74	0000000733852809	18.09	113.46
75	0000000149603516	17.53	113.81
76	0000000733851919	18.29	117.32
77	0000000733851912	17.43	117.88
78	0000000733851948	18.13	119.74
79	0000000733852850	18.11	119.90
80	0000000733853093	18.39	119.97



Distances are corrected for proper motion. This table may not contain all of the objects shown.

Stellar Distance Table – Continued

Index	TIC ID	TESS Mag	Distance (arcsec)
81	0000000733851943	18.48	120.51
82	0000000733851263	17.58	121.23
83	0000000149603500	16.39	121.64
84	0000000149603494	16.76	122.12
85	0000000733851109	18.43	122.20
86	0000000733850366	18.44	122.50
87	0000000733851438	18.22	122.68
88	0000000733851083	17.89	123.52
89	0000000733852794	18.45	123.54
90	0000000149603514	14.16	123.96
91	0000000149603502	16.09	124.11
92	0000000733851100	17.82	126.41
93	0000000733853078	18.63	127.14
94	0000000149603538	16.89	129.78
95	0000000149603498	15.69	130.39
96	0000000733852817	18.43	130.55
97	0000000149603506	17.01	131.13
98	0000000733851293	17.08	131.98
99	0000000733851410	17.67	135.51
100	0000000733851062	18.45	140.13
101	0000000733851080	18.07	142.03
102	0000000733852876	18.28	142.75
103	0000000149603496	17.53	147.69
104	0000000733851932	18.00	149.10
105	0000000733852887	17.34	153.35
106	0000000149603501	17.98	155.42
107	0000000733852898	18.20	155.44
108	0000000733851464	17.68	163.51



Distances are corrected for proper motion. This table may not contain all of the objects shown.