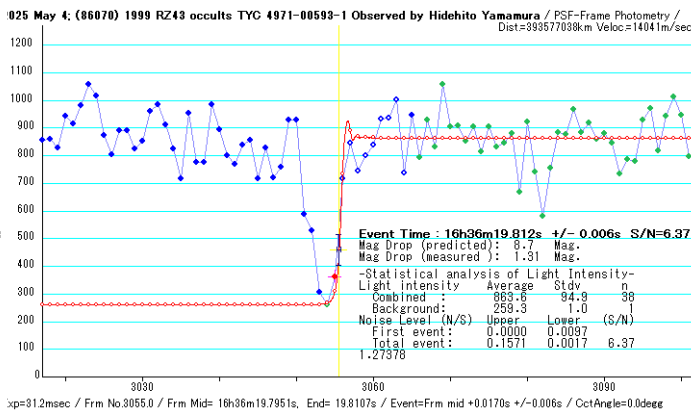
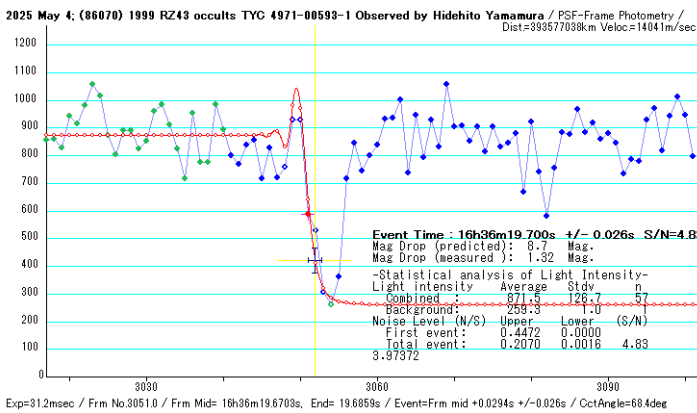
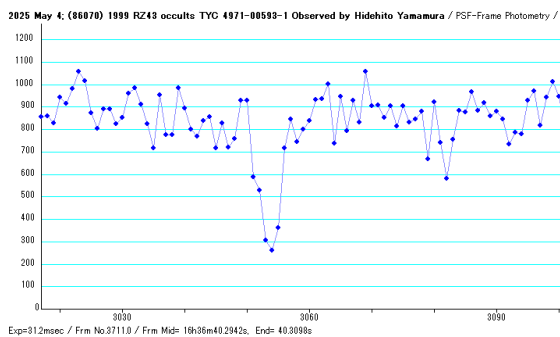
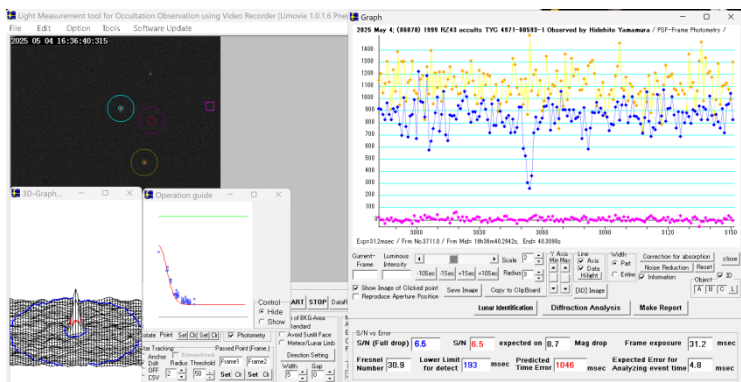


20250430_(86070) 1999 RZ43 Occults TYC 4971-00593-1

Hidehito Yamamura



***** Asteroid occultation Report *****

[Date] 2025. 5. 4 [Approx hour] 16.7
 [Star] Tycho2 4971-00593-1 VMag=10.72 RMag=10.24
 [Asteroid] (86070)1999 RZ43 19.37 mag.
 [Observer] 1: Hidehito Yamamura 2:
 [Location] Hikone, Shiga, JP
 [Longitude] 136o08'48.7" E
 [Latitude] 35o13'12.4" N
 [Altitude] 87m
 [Datum] WGS84
 [Event time] D: 16h36m19.700s +/- 0.026s (UTC) S/N=4.83 Ctt=68.4
 R: 16h36m19.812s +/- 0.006s (UTC) S/N=6.37
 [Predicted Time error] 1.046 sec [RUWE] 1.00
 [Recorded] From 16h34m44s
 To 16h37m56s

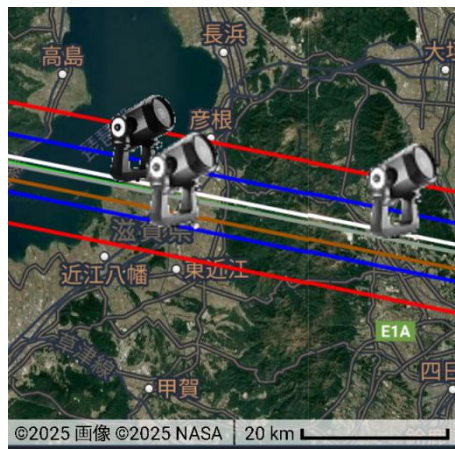
[Mag. drop]

D: Measured: Mag Drop (measured): 1.32 Mag. ; Predicted: Mag Drop (predicted): 8.7 Mag.
 R: Measured: Mag Drop (measured): 1.31 Mag. ; Predicted: Mag Drop (predicted): 8.7 Mag.

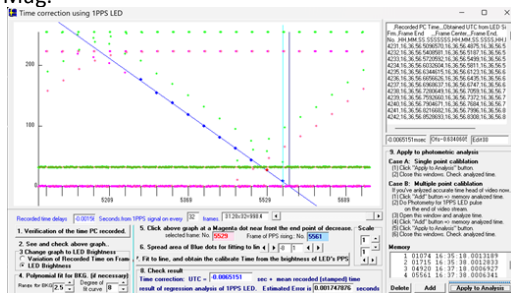
[Telescope] Aperture: 20cm Type: SCT F=3.3
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 31.2msec, Measure: 31.2msec
 [Setting] Area: 800x600 ; Binning=2
 Gain: 462 ; Brightness: 156 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GT902MGG
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded
 [Condition] Stability: Steady Transparency: Clear

[Remarks]

[Additional comment] 減光部に、2frameの中間値があり、For Grazingでfit。
 減光等級は測光1.3等／予報8.7等。



観測地: 滋賀県彦根市田附町 農道



個別の解析図、xmlファイル、Light CurveTextファイル等は以下にあります。
<https://u.pcloud.link/publink/show?code=kZSUub5ZDyK1nlzWGJTDndq1PfQW7EjxO4V>