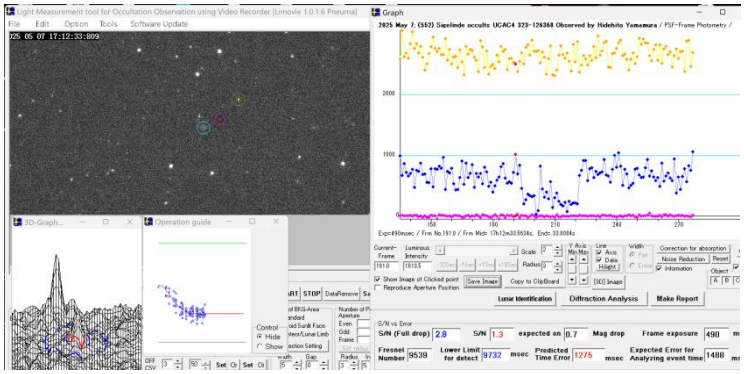
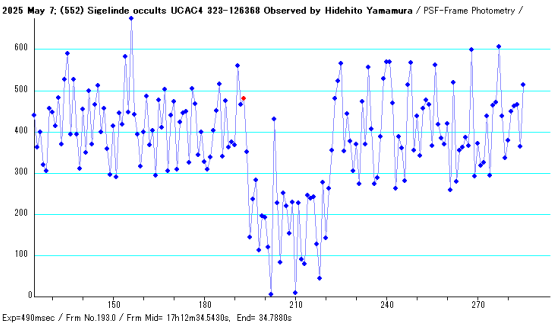
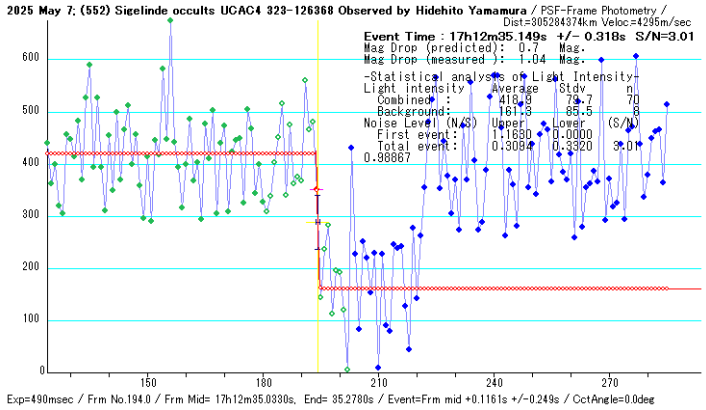
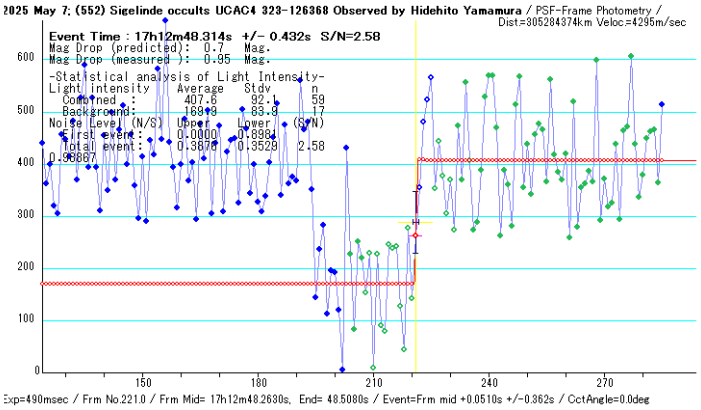
20250507_ (552)Sigelinde Occults UCAC4 323-126368

Hidehito Yamamura









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

[Date] 2025. 5. 7 [Approx hour] 17.0

[Star] UCAC4 323-126368 VMag=14.32 RMag=13.59

[Asteroid] (552)Sigelinde 14.26 mag.

[Observer] 1: Hidehito Yamamura 2:

[Location] Kahoku, Ishikawa, JP

[Longitude] 136o40'55.9" E

[Latitude] 36o42'20.3" N

[Altitude] 42m

[Datum] WGS84

[Event time]

D: 17h12m35.149s +/- 0.318s (UTC) S/N=3.01

R: 17h12m48.314s +/- 0.432s (UTC) S/N=2.58

[Predicted Time error] 1.275 sec [RUWE] 0.90

[Recorded] From 17h11m0s

To 17h14m13s

[Mag. drop]

D: Measured: Mag Drop (measured): 0.94 Mag. ; Predicted: Mag Drop (predicted): 0.7 Mag.

R: Measured: Mag Drop (measured): 0.95 Mag. ; Predicted: Mag Drop (predicted): 0.7 Ma

[Telescope] Aperture: 20cm Type: SCT F=3.3

[Camera] Analog or Digital video , Model= ASI290MM

[Exposure] Set: 490.0msec, Measure: 490msec

[Setting] Area: 1520x708 ; Binning=2

Gain: 512 ; Brightness: 72 ; High Speed Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Clear

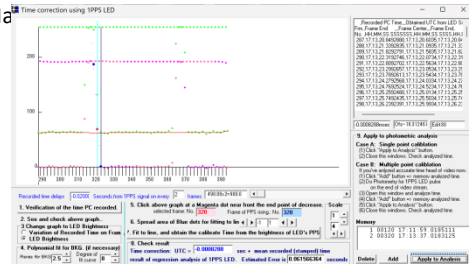
[Remarks]

[Additional comment]

減光部、中央付近の増光（1frameのみ星像も見られる）が気になる。

****

観測地：石川県かほく市田附町 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=kZ0jdb5Z59iOSoiLDgkBhy5LX0s4hmodm907