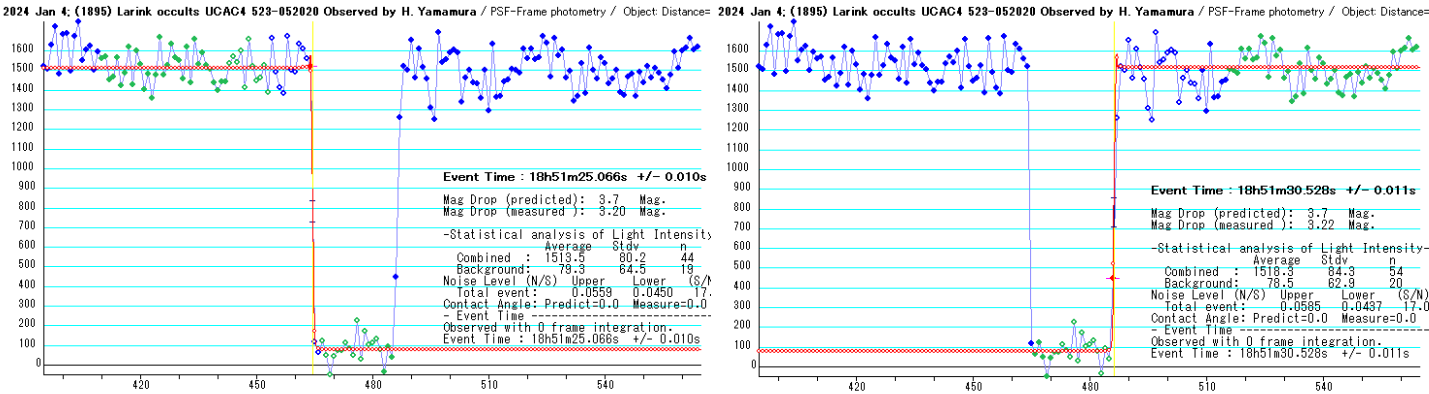
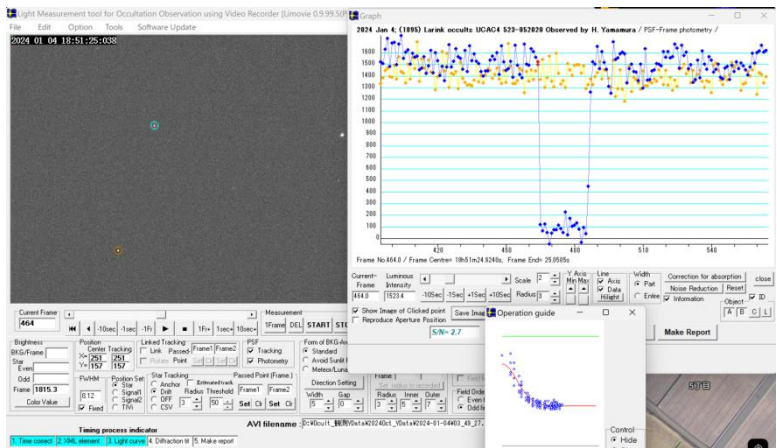


# 20240104Ast\_(1895)Larink Occults UCAC4 523-052020

Hidehito Yamamura



Frame No.464.0 / Frame Centre= 18h51m24.9240s, Frame End= 25.0505s / Event centre=Frame centre +0.142s +/-0.010s / ContactAngle=0.0d Frame No.486.0 / Frame Centre= 18h51m30.4900s, Frame End= 30.6165s / Event centre=Frame centre +0.038s +/-0.011s / ContactAngle=0.0d

## \*\*\*\* Asteroid occultation Report\*\*\*\*\*

[Date ] 2023.12.29 [Approx hour] 14.8  
[Star ] UCAC4 583-025629  
[Asteroid ] (267)Tirza  
[Observer ] 1: H. Yamamura  
[Location ] Koga,Shiga, JPN  
[Longitude ] 136o8'26.7" E  
[Latitude ] 34o58'51.6" N  
[Altitude ] 158m  
[Datum ] WGS84  
[Event time] D: 14h48m37.250s +/- 0.044s (UTC)  
S/N=5.62 Ctt=87.0  
R: 14h48m41.140s +/- 0.039s (UTC)  
S/N=6.13  
[Recorded ] From 14h46m39s  
To 14h50m31s  
[Mag. drop ] D: Measured: 1.16 ; Predicted: 1.0  
R: Measured: 1.16 ; Predicted: 1.0  
[Telescope ] Aperture: 20cm Type: SCT F=3.3  
[Camera ] Digital SLR camera video , Model=ASI290MM  
[Exposure ] Set: 246.0msec, Measure: 246msec  
[Setting ] Area: 1936x1096 ; Binning=2  
Gain: 466 ; Brightness: 2 ; High Speed Mode: Off  
[Time keep ] GPS ; Model: VK172  
[Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded  
[Condition ] Stability: Steady Transparency: Clear  
[Remarks ] D:Contact Angle:87o

```
<<Observations>
<Event>
<Date>2023|12|29|14.8</Date>
<Details>
<Star>UCAC4|583-025629|0|0.000000000|0.00000000|0.00
|0.00|0.00|0|0.00000000|0.00000000|25.00|
25.00|25.00|0</Star>

<Asteroid>267|Tirza|0.00000000|0.00000000
|0.00000000|0.00000000|0.00000000|0.000000
0|1.00000|0.00000|0|0|1.0|20.00
</Asteroid>
</Details>
<Observations>
<Observer>
<ID>1|H.Yamamura||0|Koga,Shiga|JPN|
+136 8 26.7|+34 58 51.6|158|
|20|3|b|a</ID>
<Conditions>1|1|5.88||</Conditions>
<D>14 48 37.250|D|0.044|||</D>
<R>14 48 41.140|R|0.039|||</R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
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</Observations>
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## Text-based Light curve

Date: 2023-12-29 14:48:28.56: 20.66: 85  
Star: 0: 0: 0: 0: 0: 0: 583-025629  
Observer: +136:8:26.7: +34:58:51.6: 158:  
H. Yamamura  
Object: Asteroid: 267: Tirza  
Values:877:892:783:813:1056:959:818:911  
:932:914:836:937:961:1007:898:887:1010:  
866:1035:838:932:938:882:784:977:891:9  
53:913:1040:908:844:864:903:935:887:53  
9:436:340:294:294:141:200:188:441:328:3  
28:273:431:437:  
398:308:517:847:773:932:1000:1056:984:  
914:783:906:864:791:1029:937:988:831:8  
37:909:760:958:972:926:900:989:865:957:  
862:855:1012:940:847:899:973:878Text-  
based Light curve