

Asteroid Occultation Report Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date] 2024. 1.21 [Approx hour] 13.0
[Star] UCAC4 562-026851
[Asteroid] (13323)1998 SQ

[Observer] 1: Takeshi Nemoto 2:
[Location] Sagamihara,Kanagawa, JPN
[Longitude] 139o20'14.7" E
[Latitude] 35o32'17.7" N
[Altitude] 45m
[Datum] WGS84

[Event time] D: 12h59m26.712s +/- 0.021s (UTC)
S/N=8.49

R: 12h59m29.418s +/- 0.030s (UTC)
S/N=6.36

[Recorded] From 12h57m58s
To 13h0m58s

[Mag. drop] D: Measured: 2.75 ; Predicted: 4.7
R: Measured: 2.79 ; Predicted: 4.7

[Telescope] Aperture: 20cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model=ASI290MM

[Exposure] Set: 197.0msec, Measure: 197msec
[Setting] Area: 1488x548 ; Binning=2
Gain: 460 ; Brightness: 100 ; High Speed
Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen shot:
None

[Condition] Stability: Slight flickering Transparency:
Clear

[Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2024|1|21|13.0</Date>

<Details>

<Star>UCAC4|562-026851|0||0.000000000|
0.00000000|0.00|0.00|0.00|0.00000000|0.000000|
25.00|25.00|25.00|0</Star>

<Asteroid>13323|1998 SQ|0.00000000|0.00000000|
0.0000000|0.0000000|0.0000000|0.000000|1.00000|
0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Takeshi Nemoto||0|Sagamihara,Kanagawa|
JPN|+139 20 14.7|+35 32 17.7|45| 20|2|a|a</ID>

<Conditions>2|1|7.43||</Conditions>

<D>12 59 26.712|D|0.021||| </D>

<R>12 59 29.418|R|0.030||| </R>

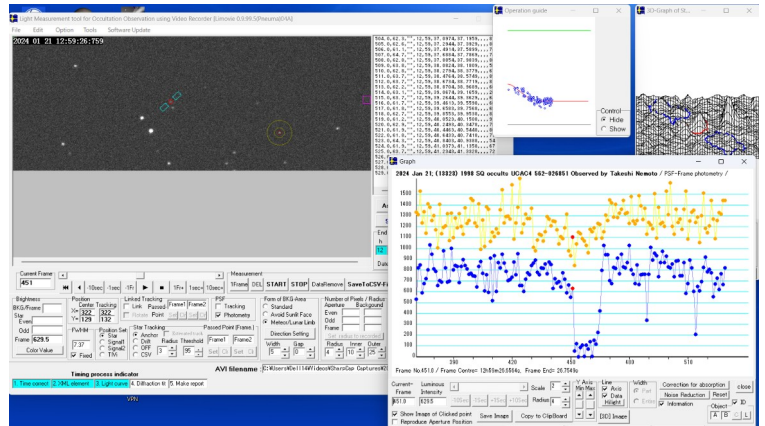
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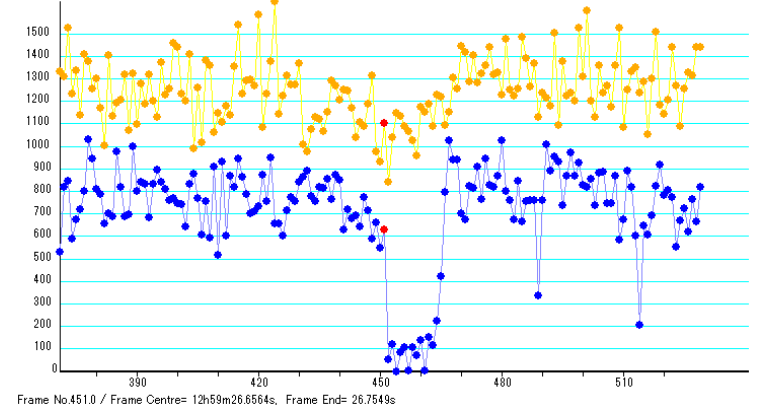
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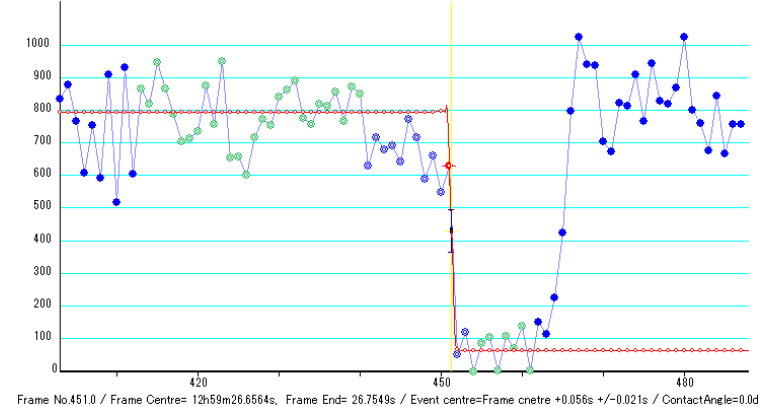
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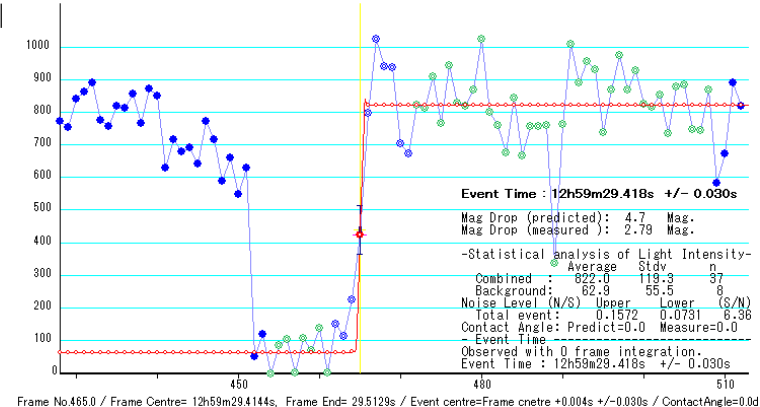
2024 Jan 21: (13323) 1998 SQ occults UCAC4 562-026851 Observed by Takeshi Nemoto / PSF-Frame photometry /



2024 Jan 21: (13323) 1998 SQ occults UCAC4 562-026851 Observed by Takeshi Nemoto / PSF-Frame photometry / Object: C



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Frame No.465.0 / Frame Centre= 12h59m29.4144s, Frame End= 29.5129s / Event centre=Frame centre +0.004s +/- 0.030s / ContactAngle=0.0d