

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

[Date] 2024. 1. 8 [Approx hour] 19.8
[Star] UCAC4 414-056334
[Asteroid] (1487)Boda

[Observer] 1: Takeshi Nemoto 2:
[Location] Sagamihara,Kanagawa, JPN
[Longitude] 139o20'14.0" E
[Latitude] 35o32'17.6" N
[Altitude] 45m
[Datum] WGS84

[Event time] D: 19h44m52.624s +/- 0.017s (UTC)
S/N=8.67
R: 19h44m54.242s +/- 0.017s (UTC)
S/N=8.62

[Recorded] From 19h43m26s
To 19h46m26s

[Mag. drop] D: Measured: 2.99 ; Predicted: 3.5
R: Measured: 3.01 ; Predicted: 3.5

[Telescope] Aperture: 20cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model=ASI290MM
[Exposure] Set: 165.0msec, Measure: 165msec
[Setting] Area: 1600x548 ; Binning=2
Gain: 455 ; Brightness: 120 ; 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|8|19.8</Date>

<Details>

<Star>UCAC4|414-056334|0|0.000000000|
0.00000000|0.00|0.00|0.00|0|0.00000000|0.0000000|
25.00|25.00|25.00|0</Star>

<Asteroid>1487|Boda|0.00000000|0.00000000|
0.0000000|0.0000000|0.0000000|0.0000000|1.00000|
0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Takeshi Nemoto||0|Sagamihara,Kanagawa|
JPN|+139 20 14.0|+35 32 17.6|45| 20|2|a|a</ID>

<Conditions>2|1|8.64|</Conditions>

<D>19 44 52.624|D|0.017||| </D>

<R>19 44 54.242|R|0.017||| </R>

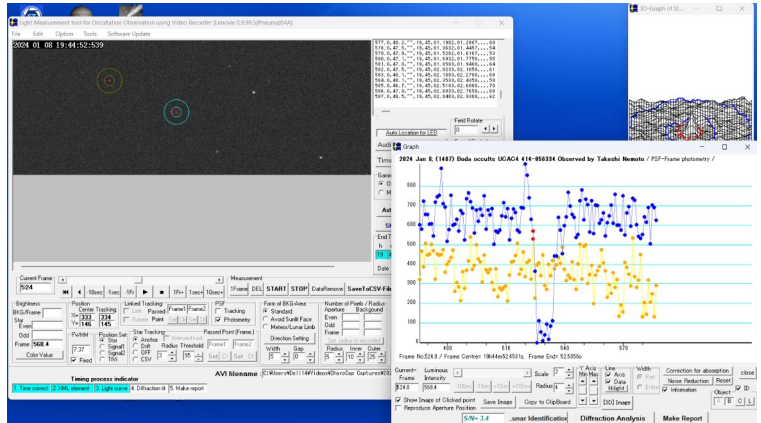
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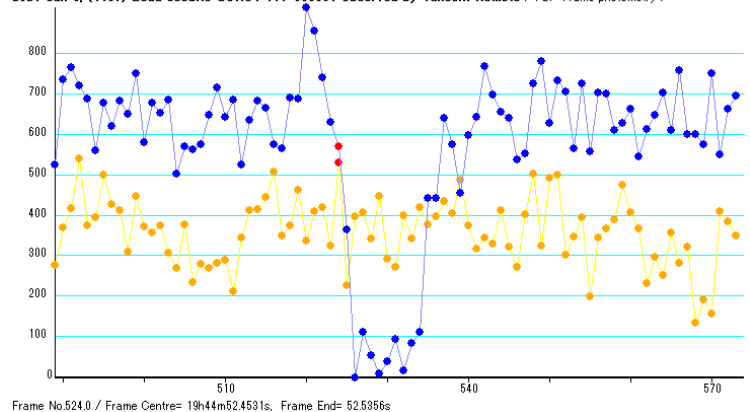
<LastEdited>2023|7|17</LastEdited>

</Event>

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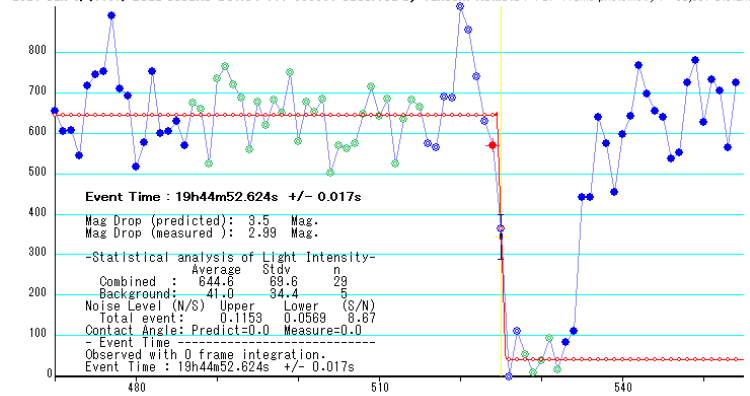


2024 Jan 8: (1487) Boda occults UCAC4 414-056334 Observed by Takeshi Nemoto / PSF-Frame photometry /



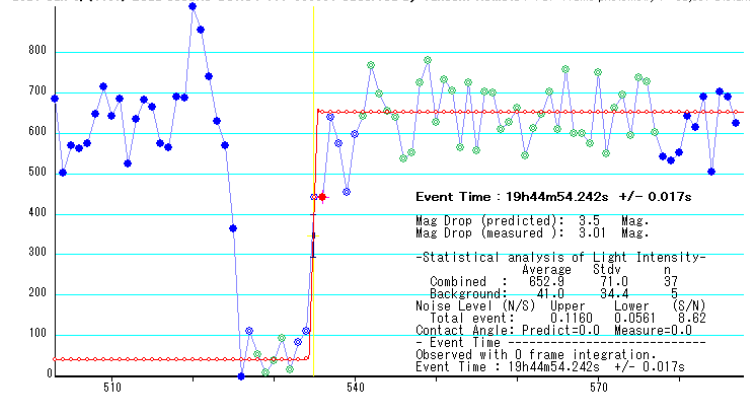
Frame No.524.0 / Frame Centre= 19h44m52.4531s, Frame End= 52.5356s

2024 Jan 8: (1487) Boda occults UCAC4 414-056334 Observed by Takeshi Nemoto / PSF-Frame photometry / Object Distanc



Frame No.524.0 / Frame Centre= 19h44m52.4531s, Frame End= 52.5356s / Event centre=Frame centre +0.171s +/- 0.017s / ContactAngle=0.00

2024 Jan 8: (1487) Boda occults UCAC4 414-056334 Observed by Takeshi Nemoto / PSF-Frame photometry / Object Distanc



Frame No.536.0 / Frame Centre= 19h44m54.4331s, Frame End= 54.5156s / Event centre=Frame centre -0.191s +/- 0.017s / ContactAngle=0.00