

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

[Date] 2024. 1.16 [Approx hour] 15.8
[Star] UCAC4 593-013224
[Asteroid] (210)Isabella

[Observer] 1: Takeshi Nemoto 2:
[Location] Kawagoe,Saitama, JPN
[Longitude] 139°32'10.6" E
[Latitude] 35°56'22.9" N
[Altitude] 10m
[Datum] WGS84

[Event time] D: 15h19m19.978s +/- 0.028s (UTC)
S/N=6.70
R: 15h19m44.479s +/- 0.026s (UTC)
S/N=7.11

[Recorded] From 15h18m0s
To 15h21m0s

[Mag. drop] D: Measured: 0.88 ; Predicted: 1.2
R: Measured: 0.97 ; Predicted: 1.2

[Telescope] Aperture: 20cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model=ASI290MM
[Exposure] Set: 197.0msec, Measure: 197msec
[Setting] Area: 1600x548 ; Binning=2
Gain: 420 ; Brightness: 105 ; 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|16|15.8</Date>

<Details>

<Star>UCAC4|593-013224|0|0.000000000|
0.00000000|0.00|0.00|0.00|0.00000000|0.00000000|
25.00|25.00|25.00|0</Star>

<Asteroid>210|Isabella|0.00000000|0.00000000|
0.00000000|0.00000000|0.00000000|0.00000000|1.00000|
0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Takeshi Nemoto||0|Kawagoe,Saitama|JPN|
+139 32 10.6|+35 56 22.9|10| 20|2|a|a</ID>

<Conditions>2|1|6.91||</Conditions>

<D>15 19 19.978|D|0.028||| </D>

<R>15 19 44.479|R|0.026||| </R>

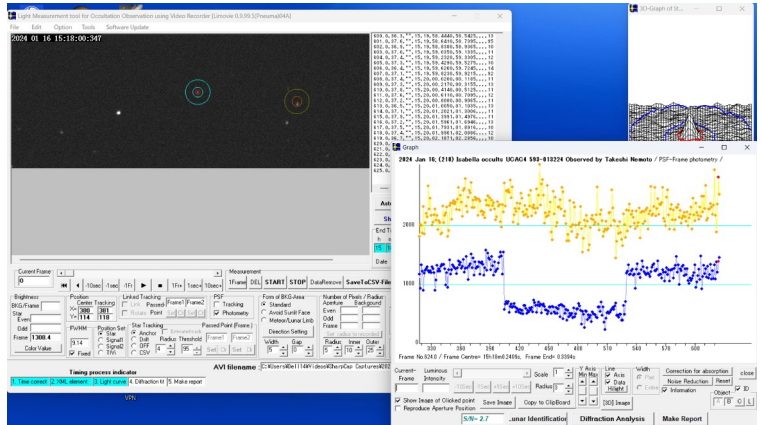
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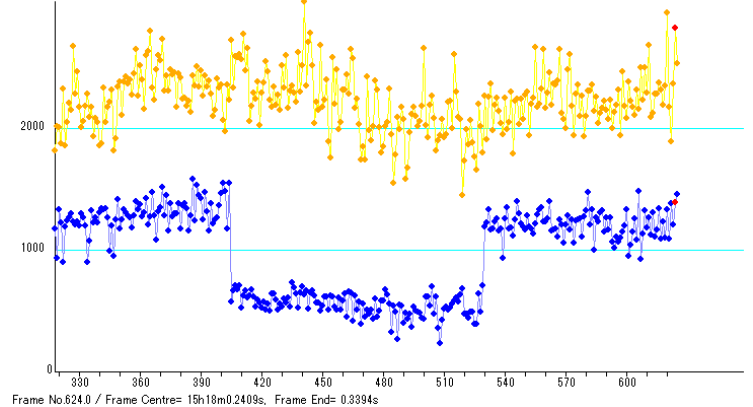
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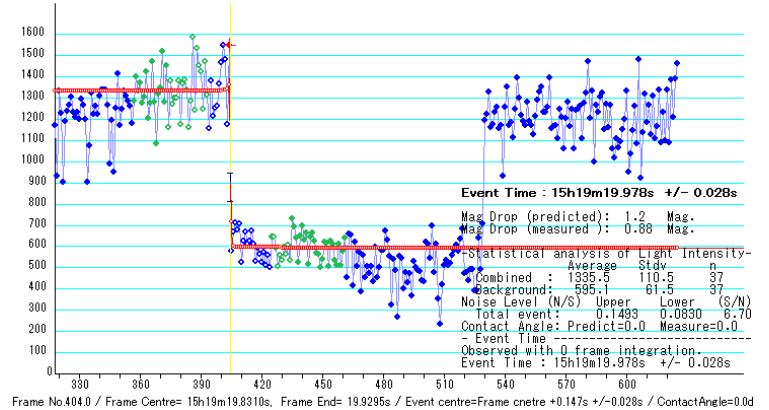
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2024 Jan 16; (210) Isabella occults UCAC4 593-013224 Observed by Takeshi Nemoto / PSF-Frame photometry /



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