

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

[Date] 2025. 8.20 [Approx hour] 13.8
 [Star] UCAC4 593-080955 VMag=12.87
 RMag=12.18
 [Asteroid] (2100)Ra-Shalom 14.64 mag.
 Dia=2.50 ±0.2 km Aten

[Observer] 1: Takeshi Nemoto 2:
 [Location] Fujisawa, Kanagawa, JPN
 [Longitude] 139o27'22.3" E
 [Latitude] 35o21'40.9" N
 [Altitude] 9m
 [Datum] WGS84

[Predicted Time error] 0.065 sec [RUWE] 0.95

[Recorded] From 13h45m31s
 To 13h48m31s

[Mag. drop] D: Measured: Mag Drop (measured):
 4.37 Mag. ; Predicted: Mag Drop (predicted): 5.9
 Mag.

R: Measured: Mag Drop (measured):
 4.41 Mag. ; Predicted: Mag Drop (predicted): 5.9
 Mag.

[Telescope] Aperture: 25cm Type: Newtonian
 F=3.1

[Camera] Analog or Digital video , Model=
 ASI290MM

[Exposure] Set: 58.6msec, Measure: 58.6msec

[Setting] Area: 968x548 ; Binning=2
 Gain: 480 ; Brightness: 130 ; 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]


