

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

[Date] 2025.11. 6 [Approx hour] 15.5
 [Star] UCAC4 540-046162 VMag=9.43
 RMag=8.80
 [Asteroid] (164682)1997 LQ1 19.80 mag.
 Dia=2.50±2.5km Fresnel number=9.41

[Observer] 1: Takeshi Nemoto 2:
 [Location] Tama, Tokyo, JP
 [Longitude] 139o27'34.7" E
 [Latitude] 35o38'58.5" N
 [Altitude] 50m
 [Datum] WGS84

[Event time] D: 15h25m58.295s +/- 0.021s (UTC)
 S/N=4.03
 R: 15h25m58.497s +/- 0.020s (UTC)
 S/N=4.23
 [Predicted Time error] 1.649 sec [RUWE] 1.05

[Recorded] From 15h24m31s
 To 15h27m32s

[Mag. drop] D: Measured: Mag Drop (measured):
 3.50 Mag. ; Predicted: Mag Drop (predicted): 10.4
 Mag.
 R: Measured: Mag Drop (measured):
 3.49 Mag. ; Predicted: Mag Drop (predicted): 10.4
 Mag.

[Telescope] Aperture: 25cm Type: Newtonian
 F=2.5
 [Camera] Analog or Digital video , Model=
 ASI290MM
 [Exposure] Set: 25.6msec, Measure: 25.6msec
 [Setting] Area: 1600x548 ; Binning=2
 Gain: 390 ; Brightness: 75 ; High
 Speed Mode: Off
 [Time keep] GPS ; Model: GT902MGG
 [Evidence] GPS Time Log : Recorded ; Screen
 shot: Recorded

[Condition] Stability: Slight flickering
 Transparency: Clear
 [Remarks]

[Additional comment]

