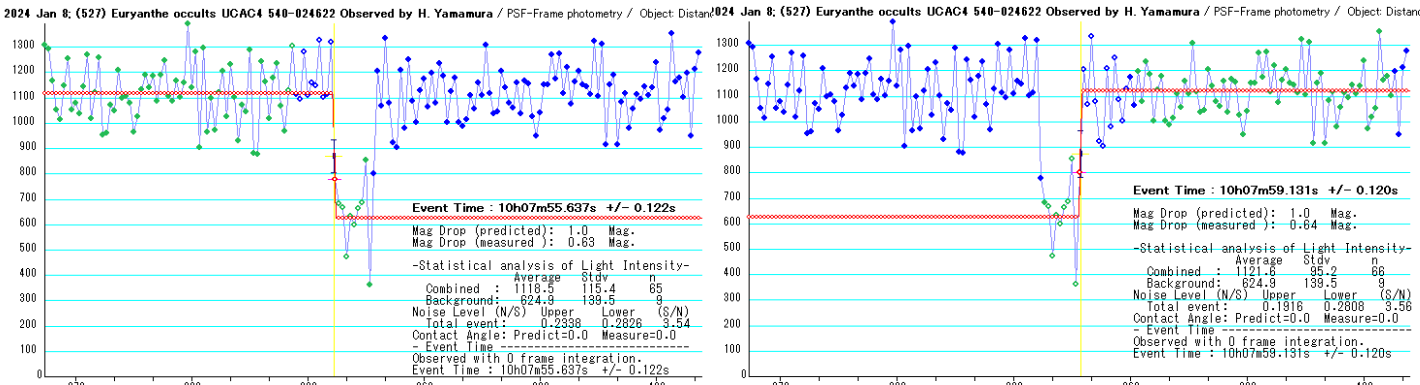
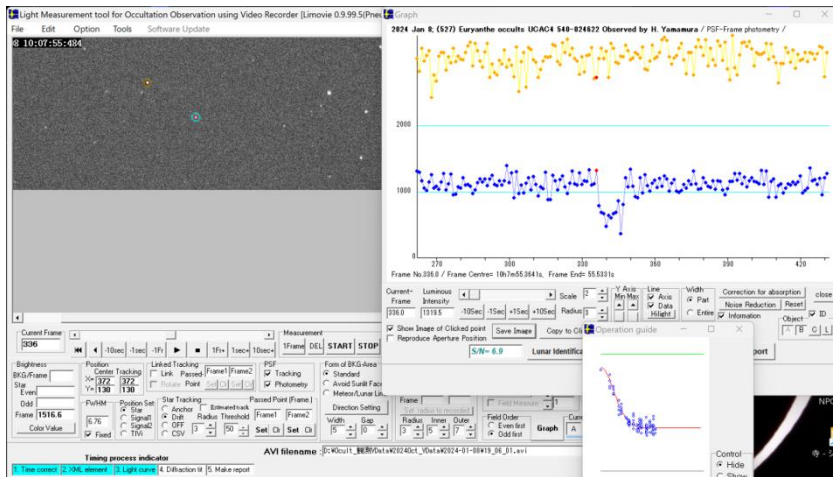


# 20240108Ast\_(527)Euryanthe Occults UCAC4 540-024622

Hidehito Yamamura



Frame No 337.0 / Frame Centre= 10h7m55.7021s, Frame End= 55.8711s / Event centre=Frame centre -0.065s +/-0.122s / ContactAngle=0.0000  
Frame No 347.0 / Frame Centre= 10h7m59.0822s, Frame End= 59.2512s / Event centre=Frame centre +0.049s +/-0.120s / ContactAngle=0.0000

## \*\*\*\*\* Asteroid occultation Report\*\*\*\*\*

[Date ] 2024. 1. 8 [Approx hour] 10.0

[Star ] UCAC4 540-024622

[Asteroid ] (527)Euryanthe

[Observer ] 1: H. Yamamura 2:

[Location ] Toyota,Aichi, JPN

[Longitude ] 137o07'00.6" E

[Latitude ] 35o02'31.5" N

[Altitude ] 27m

[Datum ] WGS84

[Event time] D: 10h07m55.637s +/- 0.122s (UTC)  
S/N=3.54

R: 10h07m59.131s +/- 0.120s (UTC)

S/N=3.56

[Recorded ] From 10h6m2s

To 10h9m52s

[Mag. drop ] D: Measured: 0.63 ; Predicted: 1.0

R: Measured: 0.64 ; Predicted: 1.0

[Telescope ] Aperture: 20cm Type: SCT F=3.3

[Camera ] Digital SLR camera video , Model=ASI290MM

[Exposure ] Set: 338.0msec, Measure: 338msec

[Setting ] Area: 1608x500 ; Binning=2

Gain: 481 ; Brightness: 0 ; High Speed Mode: Off

[Time keep ] GPS ; Model: VK172

[Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition ] Stability: Steady Transparency: Clear

[Remarks ]

[Additional comment]

## <Observations>

### <Event>

<Date>2024|1|8|10.0</Date>

### <Details>

<Star>UCAC4|540-

024622|0|0.000000000|0.00000000|0.00  
|0.00|0.00|0|0.00000000|0.00000000|25.00|  
25.00|25.00|0</Star>  
<Asteroid>527|Euryanthe|0.00000000|0.000  
00000|0.00000000|0.00000000|0.00000000|0.0  
000000|1.00000|0.00000|0.0|1.0|20.00</Ast  
eroid>

### </Details>

### <Observations>

### <Observer>

<ID>1|H.

Yamamura||0|Toyota,Aichi|JPN|+137 07

00.6|+35 02 31.5|27| |20|3|b|a</ID>

<Conditions>1|1|3.55||</Conditions>

<D>10 7 55.637|D|0.122||</D>

<R>10 7 59.131|R|0.120||</R>

### </Observer>

### </Observations>

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

### </Event>

</Observations>

## Text-based Light curve

Date: 2024-1-8 10:7:30.35: 57.12: 170

Star: 0: 0: 0: 0: 0-0: 540-024622

Observer: +137:07:00.6: +35:02:31.5: 27:

H. Yamamura

Object: Asteroid: 527: Euryanthe

Values:1308:1293:1167:1053:1016:1147:1

256:1052:1081:1036:1145:1270:1020:112

0:1261:955:963:1072:1051:1211:1100:110

6:1079:966:1027:1133:1192:1140:1186:10

86:1191:1247:1107:1086:1166:1102:1160:

1393:1139:1281:906:1298:966:1099:973:1

123:1206:1028:1230:

1104:932:1073:1047:1288:880:876:1243:1

165:1021:1177:1236:1067:968:1130:1306:

1113:1096:1283:1110:1160:1150:1327:11

02:1115:1320:780:684:668:472:634:600:6

64:685:854:363:801:1207:1069:1336:1080

:925:903:1210:979:1252:1086:1005:1130:

1176:

1064:1198:1078:1235:1186:1004:1126:11

79:1003:987:1015:1109:1056:1159:1110:1

307:1116:1036:1044:1206:1139:1079:106

1:1161:1036:1167:1154:1026:948:1040:11

53:1152:1271:1174:1275:1117:1221:1074:

1164:1207:1153:1145:1115:1322:1105:13

12:916:1153:1190:915:

1085:1116:980:1056:1113:1097:1144:111

0:1140:1238:974:1018:1053:1355:1162:11

78:1103:1196:951:1212:1277