

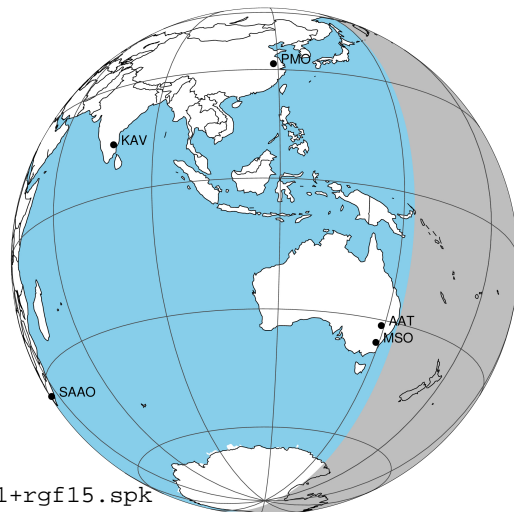
target : Jupiter
 target radius (km) : 71492.00
 C/A epoch : 2042-09-26T07:39:04.890
 Event type : Pg
 : Jupiter occs: geocentric, not topocentric
 : Not a ringed target
 Gaia source ID : 6260075504351731200
 2Mass ID (if available) : 15433436-1904064

Jupiter 2042-09-26T07:39:04 K8.97 G11.23 Pg

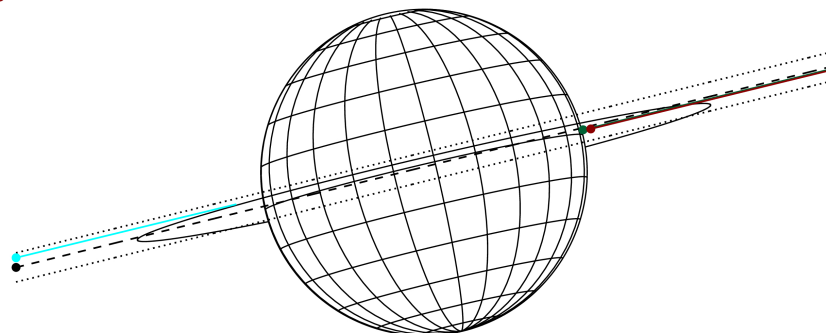
ICRS Star Coord at Epoch: 15h 43m 34.38237s -19:04:06.38373s

RUWE (>1.4 is poor) : 1.08
 K magnitude : 8.969
 G magnitude : 11.232
 RP magnitude : 10.524
 BP magnitude : 11.793
 DUPflag : 1
 Distance (au) : 5.859
 f0 (km) : 0.00
 g0 (km) : 0.00
 skyplane vel. (km/s) : 29.81
 Sun-Target sep (deg) : 55.22
 Sun-Moon sep (deg) : 81.66
 B (ring opening deg) : -2.84
 PA of pole (deg) : 13.27
 Pole direction: RA (deg): 268.05653
 Dec (deg): 64.49731
 C/A sky separation (") : 0.559
 C/A sky separation (km) : 2375.4
 NAIF SPICE kernels : RAJobs_U111+rgf15.spk

Jupiter 2042-09-26T07:39:04 K8.97 G11.23
Pg



Earth
 IRTF
 AAT
 MSO



2042-09-26T07:39:04.8900 cc: 15 43 34.3824 s: -19 04 06.384 C/A 0.5497 PA 193.85 deg v_sky +29.81 km/s D 05.86 AU
 Credit: Styled after SORA/Lucky Star

Observable events with sun below -5 deg and altitude above 5 deg

Obs	Location	lat	Elon	Target	Observed Events	Interval	OEncode
PIC	Pic du Midi	42.9	0.1				Pnn
PAL	Palomar Mt (200")	33.4	243.1				Pnn
PMO	Purple Mtn Obs. Nanking	32.1	118.8				Pnn
KPNO	Kitt Peak Natl Obs	32.0	248.4				Pnn
MCD	McDonald Obs. 2.7m	30.7	256.0				Pnn
TEN	Teide Obs./Tenerife	28.3	343.5				Pnn
IRTF	Mauna Kea/IRTF	19.8	204.5				Pnn
KAV	Kavalur Observatory	12.6	78.8				Pnn
RIO	Rio de Janeiro	-22.9	316.8				Pnn
ESO	European Southern Obs. (3.6m)	-29.3	289.3				Pnn
AAT	Siding Spring (AAT)	-31.3	149.1				Pnn
SAAO	So. Afr. Astro. Obs. (Sutherland)	-32.4	20.8				Pnn
MSO	Mt. Stromlo Observatory	-35.3	149.0				Pnn

