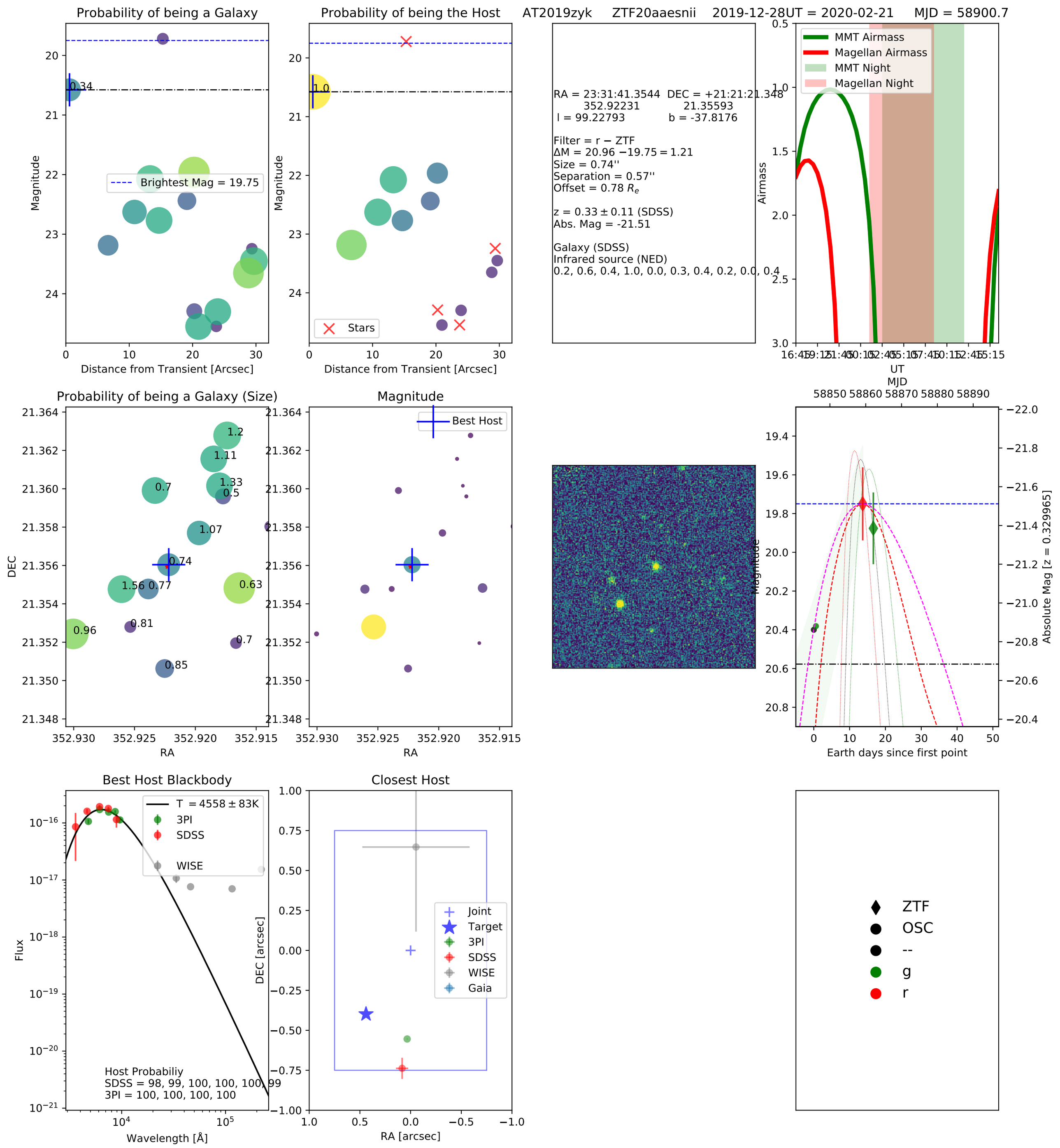
Probability of being a Galaxy
Probability of being the Host
AT2019zyk ZTF20aaesnii 2019-12-28UT = 2020-02-21 MJD = 58900.7
Brightest Mag = 19.75
Stars
Magnitude
Distance from Transient [Arcsec]
RA = 23:31:41.3544 DEC = +21:21:21.348
352.92231 21.35593
l = 99.22793 b = -37.8176
Filter = r − ZTF
ΔM = 20.96 −19.75 = 1.21
Size = 0.74''
Separation = 0.57''
Offset = 0.78 R_e
z = 0.33 ± 0.11 (SDSS)
Abs. Mag = -21.51
Galaxy (SDSS)
Infrared source (NED)
0.2, 0.6, 0.4, 1.0, 0.0, 0.3, 0.4, 0.2, 0.0, 0.4
MMT Airmass
Magellan Airmass
MMT Night
Magellan Night
Airmass
UT
MJD
Probability of being a Galaxy (Size)
Magnitude
Best Host
DEC
RA
Earth days since first point
Absolute Mag [z = 0.329965]
Best Host Blackbody
Closest Host
T = 4558 ± 83K
3PI
SDSS
WISE
Flux
Wavelength [Å]
Host Probabiliy
SDSS = 98, 99, 100, 100, 100, 99
3PI = 100, 100, 100, 100
Joint
Target
Gaia
DEC [arcsec]
RA [arcsec]
ZTF
OSC
--
g
r