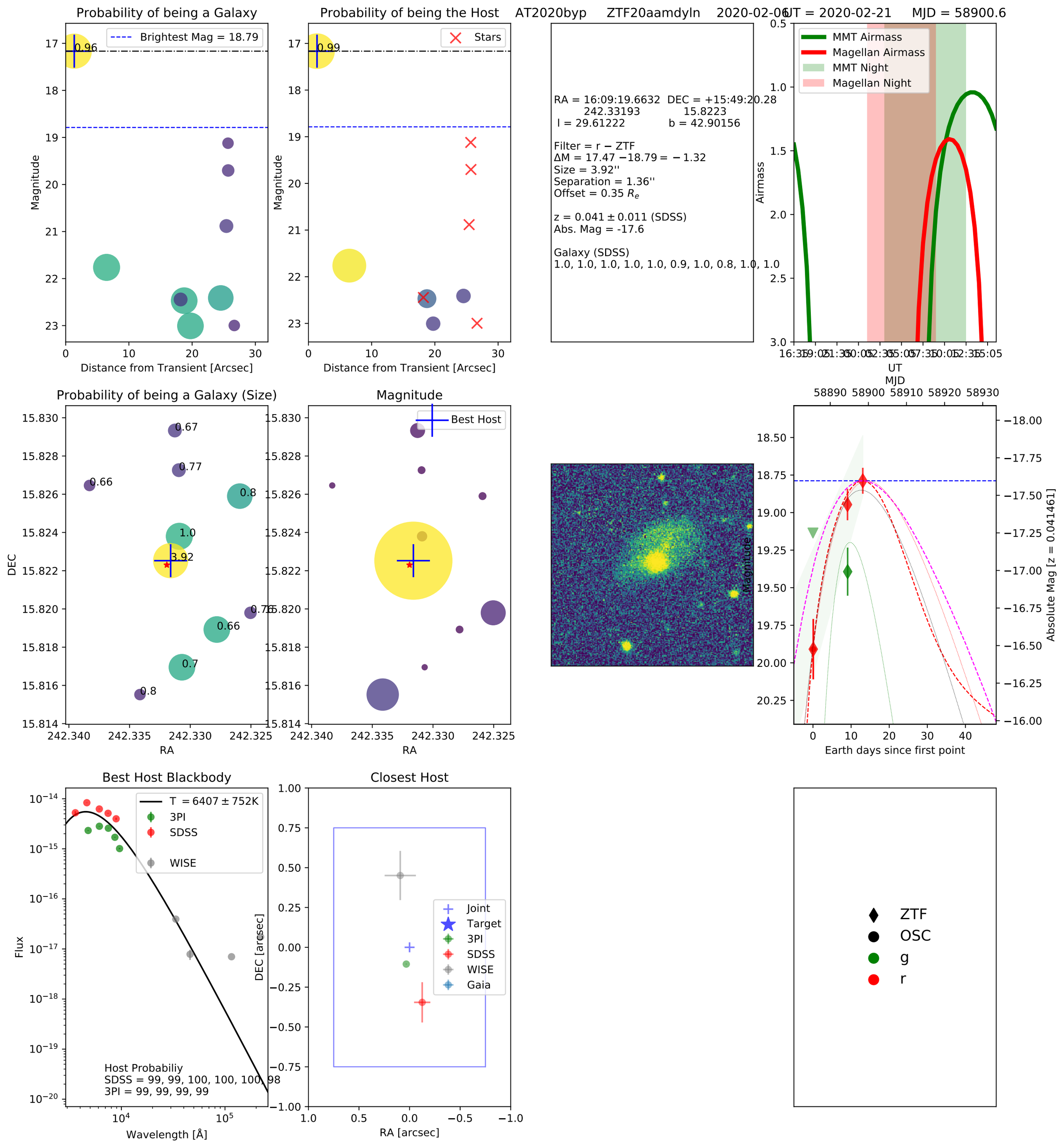
Probability of being a Galaxy
Brightest Mag = 18.79
0.96
Magnitude
Distance from Transient [Arcsec]
Probability of being the Host
Stars
0.99
AT2020byp ZTF20aamdyln 2020-02-06
UT = 2020-02-21 MJD = 58900.6
RA = 16:09:19.6632 DEC = +15:49:20.28
242.33193 15.8223
l = 29.61222 b = 42.90156
Filter = r − ZTF
ΔM = 17.47 −18.79 = −1.32
Size = 3.92''
Separation = 1.36''
Offset = 0.35 R_e
z = 0.041 ± 0.011 (SDSS)
Abs. Mag = -17.6
Galaxy (SDSS)
1.0, 1.0, 1.0, 1.0, 1.0, 0.9, 1.0, 0.8, 1.0, 1.0
MMT Airmass
Magellan Airmass
MMT Night
Magellan Night
Airmass
UT
MJD
Probability of being a Galaxy (Size)
0.67
0.77
0.66
0.8
1.0
3.92
0.76
0.66
0.7
0.8
DEC
RA
Magnitude
Best Host
Earth days since first point
Absolute Mag [z = 0.041461]
Best Host Blackbody
T = 6407 ± 752K
3PI
SDSS
WISE
Flux
Wavelength [Å]
Host Probabiliy
SDSS = 99, 99, 100, 100, 100, 98
3PI = 99, 99, 99, 99
Closest Host
Joint
Target
3PI
SDSS
WISE
Gaia
DEC [arcsec]
RA [arcsec]
ZTF
OSC
g
r