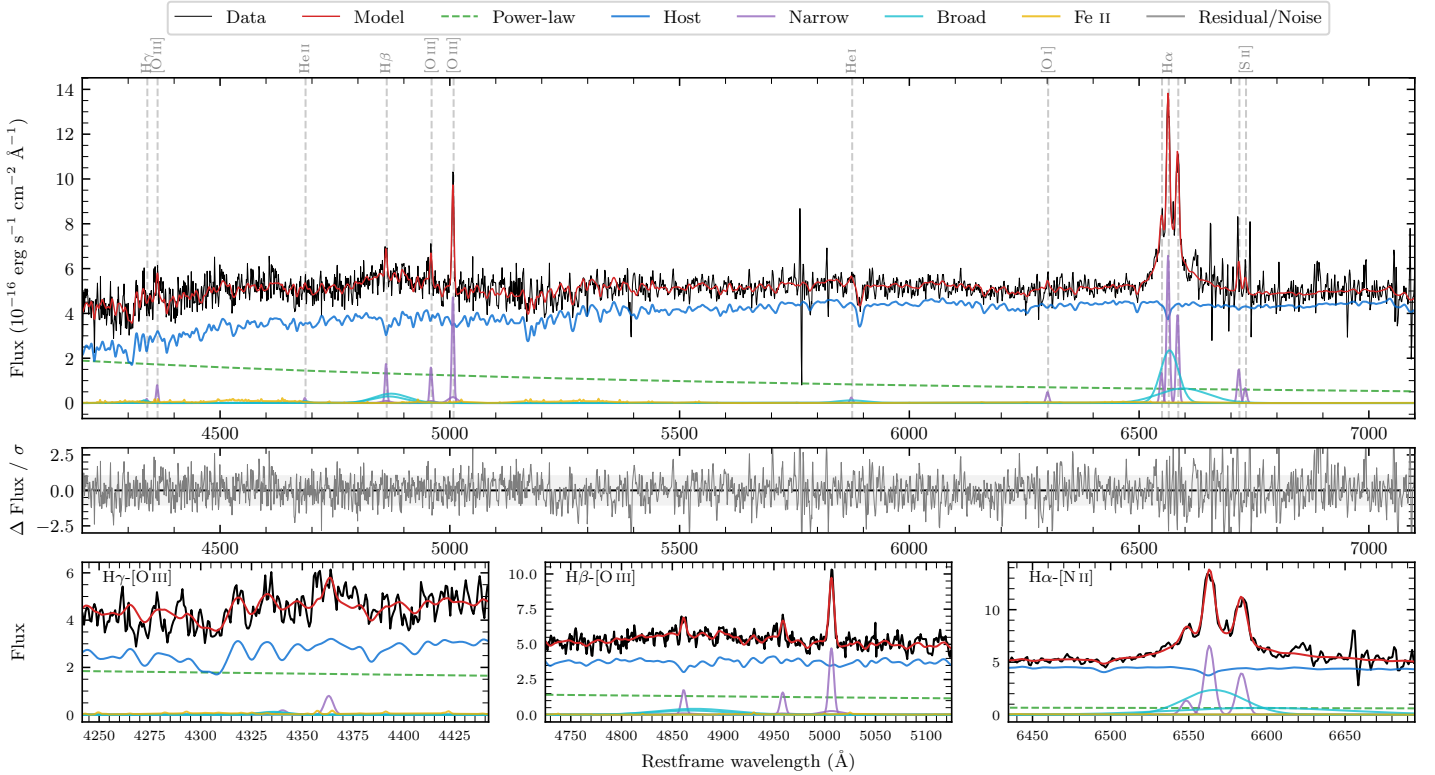
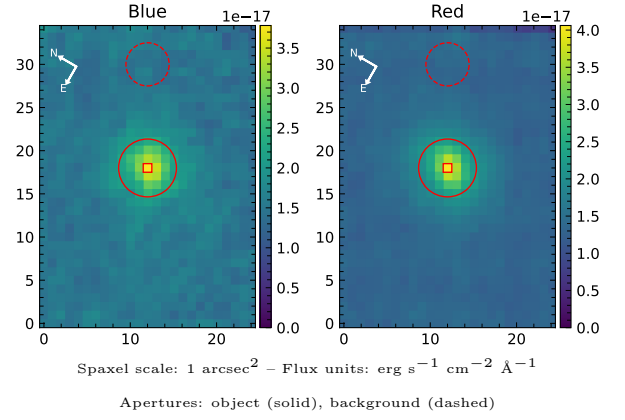


LEDA 1052194

Spectrum ID	7624194_sp1	Spectrum type	Sy 1.5
Alt name	g2251234-045304	Quality flag	good
z	0.0930	AGN reference	6dFGS
RA, Dec	342.8475, -4.8844	MW $E(B - V)$	0.028
MJD	60113.79	Power law α_ν	0.45 ± 0.06
SNR/ \AA B/R	11.5/16.5	$\log L_{5100, \text{AGN}}$	43.12 ± 0.04
Obs airmass	1.12	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.27 ± 0.07
SMSS ID	7624194	$\log M_{L5100}/M_\odot$	7.97 ± 0.03
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.09 ± 0.03
SMSS $\langle r_6''_{\text{ap}} \rangle$	17.12 ± 0.08	$\log M_{\text{H}\beta}/M_\odot$	7.92 ± 0.04
2MASS K_{ext}	12.79 ± 0.13	$\log M_{[\text{O III}]} / M_\odot$	7.92 ± 0.04



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Angstroms)
H γ Narrow	—	—	—	—
Hγ Broad	—	—	—	—
[O III] 4364	40.01 ± 0.18	348 ± 63	146 ± 25	2.71 ± 0.69
He II Narrow	39.49 ± 0.43	348 ± 63	146 ± 25	0.98 ± 0.73
He II Broad	—	—	—	—
H β Narrow	40.49 ± 0.08	359 ± 63	290 ± 67	10.64 ± 1.63
Hβ Broad	41.20 ± 0.05	5289 ± 56	1954 ± 28	54.17 ± 3.48
[O III] 5007	40.93 ± 0.04	359 ± 63	290 ± 67	31.55 ± 1.96
He I Narrow	39.63 ± 0.29	348 ± 63	146 ± 25	2.35 ± 0.94
He I Broad	40.36 ± 0.22	3814 ± 63	1620 ± 25	12.44 ± 3.71
[O I] 6300	39.95 ± 0.16	348 ± 63	146 ± 25	5.87 ± 1.36
H α Narrow	41.10 ± 0.02	348 ± 63	146 ± 25	91.09 ± 1.57
Hα Broad	41.69 ± 0.02	2435 ± 84	1253 ± 43	353.44 ± 7.03
[N II] 6585	40.88 ± 0.02	348 ± 63	146 ± 25	55.38 ± 1.54
[S II] 6718	40.47 ± 0.07	348 ± 63	146 ± 25	22.48 ± 2.25
[S II] 6732	40.12 ± 0.14	348 ± 63	146 ± 25	10.12 ± 2.45

Emission Summary

H α broad SNR	6.40
H β broad SNR	1.61
H γ broad SNR	0.66
AGN frac	0.24
Host frac	0.76
$\log L_{5100, \text{Host}}$	43.61
Fe II/H β	0.41
Fe II/[O III]	0.75

Quality Flags

spurious_hab/hbb	0/0
15100	2
balmer	1
balmer_snr	2
hb_width	0
balmer_width	1