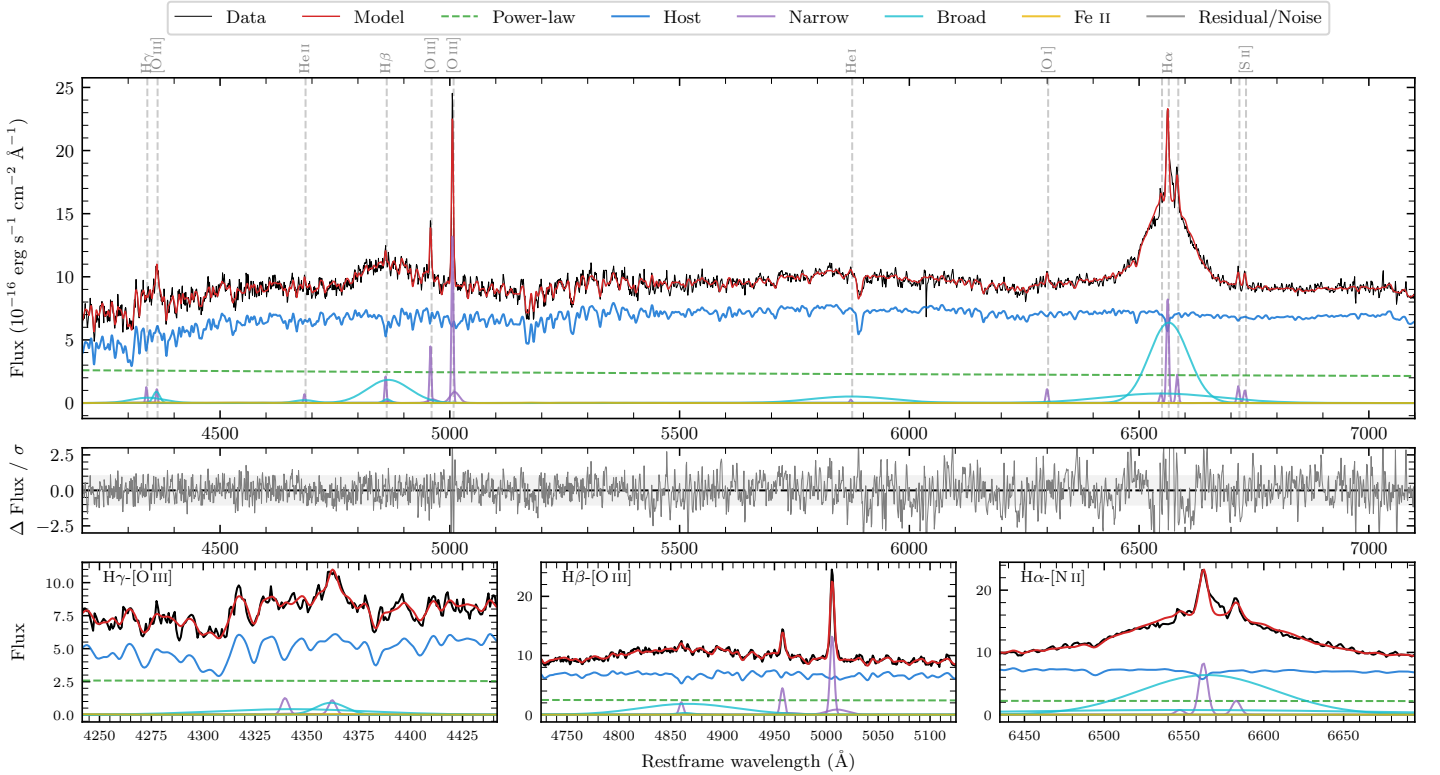
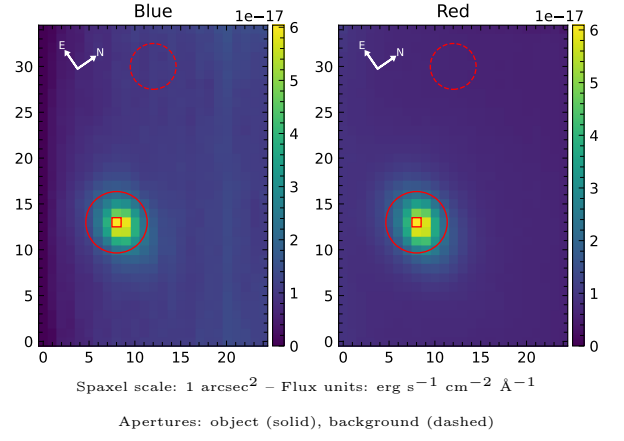


LEDA 845189

Spectrum ID	14658186_sp1	Spectrum type	Sy 1.2
Alt name	g0247346-201100	Quality flag	good
z	0.0445	AGN reference	6dFGS
RA, Dec	41.8940, -20.1834	MW $E(B - V)$	0.031
MJD	59079.78	Power law α_ν	-1.63 ± 0.12
SNR/ \AA B/R	19.0/39.9	$\log L_{5100, \text{AGN}}$	42.75 ± 0.04
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.39 ± 0.02
SMSS ID	14658186	$\log M_{L5100}/M_\odot$	7.92 ± 0.08
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.66 ± 0.02
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.29 ± 0.06	$\log M_{\text{H}\beta}/M_\odot$	7.94 ± 0.09
2MASS K_{ext}	12.40 ± 0.07	$\log M_{[\text{O III}]} / M_\odot$	7.88 ± 0.09



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.55 ± 0.15	304 ± 63	339 ± 34	3.00 ± 1.00
Hγ Broad	40.41 ± 0.09	1564 ± 268	1755 ± 136	22.40 ± 2.22
[O III] 4364	39.37 ± 0.21	287 ± 63	122 ± 25	1.98 ± 0.47
He II Narrow	39.20 ± 0.22	287 ± 63	122 ± 25	1.40 ± 0.42
He II Broad	39.79 ± 0.20	3357 ± 109	1425 ± 45	5.37 ± 1.43
H β Narrow	39.82 ± 0.08	304 ± 63	339 ± 34	5.88 ± 0.87
Hβ Broad	41.02 ± 0.02	5959 ± 541	2416 ± 41	92.60 ± 2.07
[O III] 5007	40.63 ± 0.02	304 ± 63	339 ± 34	38.62 ± 0.94
He I Narrow	38.90 ± 0.24	287 ± 63	122 ± 25	0.75 ± 0.25
He I Broad	40.73 ± 0.03	10515 ± 97	4465 ± 40	51.56 ± 1.76
[O I] 6300	39.53 ± 0.06	287 ± 63	122 ± 25	3.33 ± 0.27
H α Narrow	40.42 ± 0.01	287 ± 63	122 ± 25	26.29 ± 0.34
Hα Broad	41.64 ± 0.01	4883 ± 71	2188 ± 46	430.49 ± 2.00
[N II] 6585	39.85 ± 0.04	287 ± 63	122 ± 25	7.11 ± 0.37
[S II] 6718	39.64 ± 0.04	287 ± 63	122 ± 25	4.35 ± 0.29
[S II] 6732	39.51 ± 0.06	287 ± 63	122 ± 25	3.28 ± 0.27

Emission Summary

H α broad SNR	15.38
H β broad SNR	4.61
H γ broad SNR	2.73
AGN frac	0.27
Host frac	0.73
$\log L_{5100, \text{Host}}$	43.18
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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