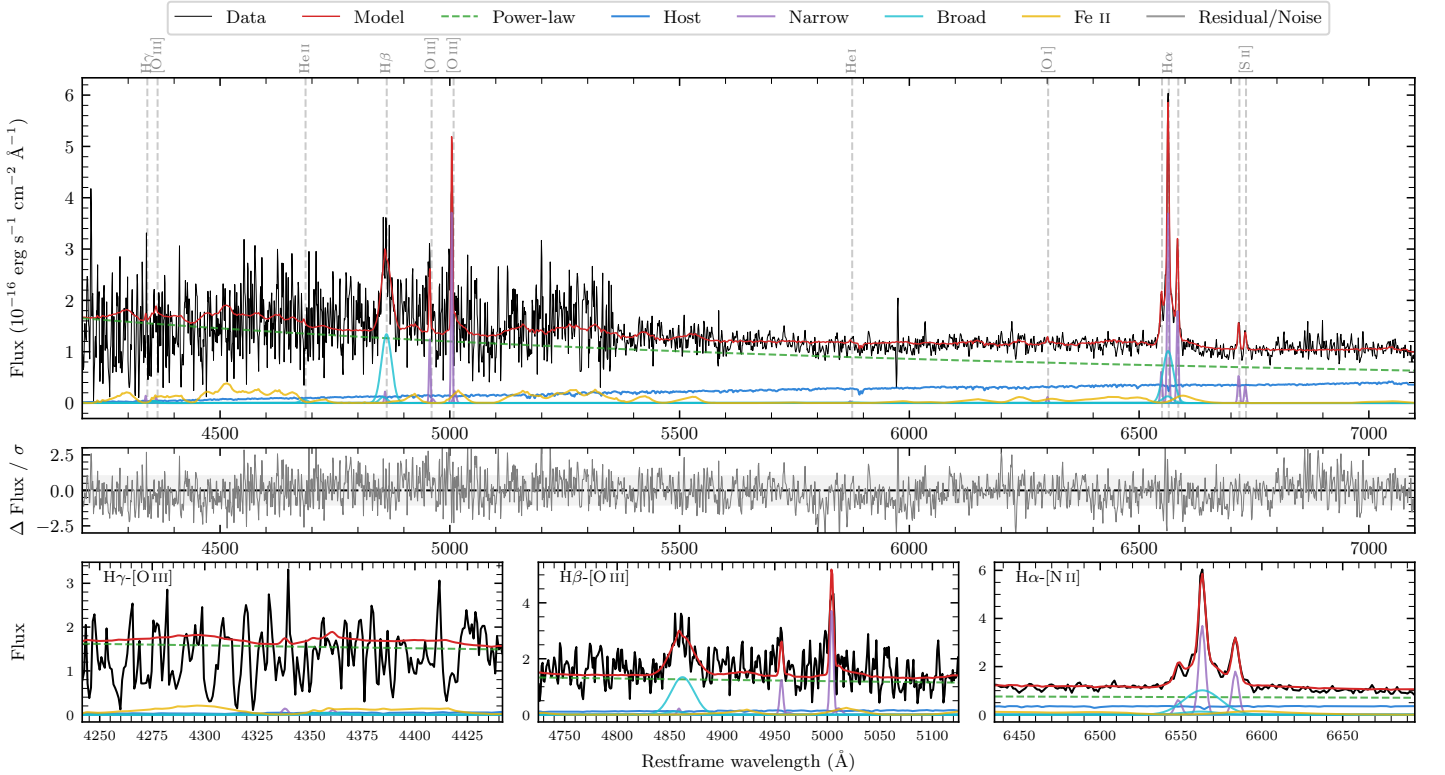
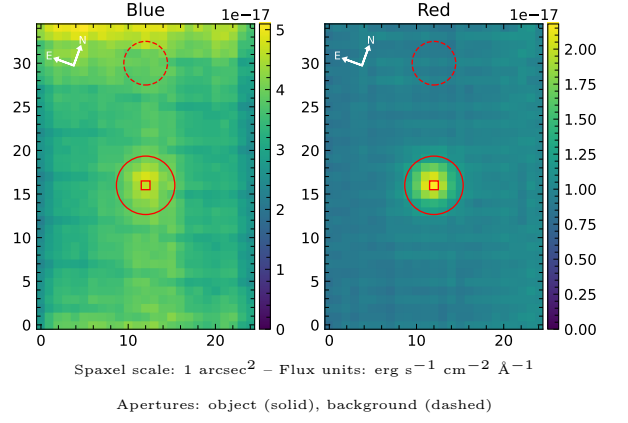


LEDA 139165

Spectrum ID	87797365_sp1	Spectrum type	Bad
Alt name	g0906479-151744	Quality flag	bad_blue
z	0.0549	AGN reference	6dFGS
RA, Dec	136.6997, -15.2955	MW $E(B - V)$	0.058
MJD	60403.43	Power law α_ν	-0.17 ± 0.12
SNR/ \AA B/R	3.4/8.5	$\log L_{5100, \text{AGN}}$	42.63 ± 0.01
Obs airmass	1.04	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.37 ± 0.07
SMSS ID	87797365	$\log M_{L5100}/M_\odot$	6.72 ± 0.03
Neighbour	12.6", 87797367	$\log M_{\text{H}\alpha}/M_\odot$	5.70 ± 0.08
SMSS $\langle r_6^{\text{ap}} \rangle$	16.65 ± 0.05	$\log M_{\text{H}\beta}/M_\odot$	6.55 ± 0.06
2MASS K_{ext}	12.66 ± 0.13	$\log M_{[\text{O III}]} / M_\odot$	6.48 ± 0.07



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	—	—	—	—
He II Narrow	—	—	—	—
He II Broad	—	—	—	—
H β Narrow	—	—	—	—
Hβ Broad	40.47 ± 0.04	1600 ± 25	591 ± 25	32.89 ± 1.95
[O III] 5007	40.10 ± 0.05	231 ± 63	161 ± 53	14.75 ± 1.01
He I Narrow	—	—	—	—
He I Broad	—	—	—	—
[O I] 6300	38.64 ± 0.37	222 ± 62	94 ± 25	0.77 ± 0.35
H α Narrow	40.16 ± 0.02	222 ± 62	94 ± 25	27.60 ± 0.49
Hα Broad	40.39 ± 0.02	1221 ± 63	459 ± 25	47.06 ± 1.15
[N II] 6585	39.85 ± 0.02	222 ± 62	94 ± 25	13.52 ± 0.48
[S II] 6718	39.34 ± 0.07	222 ± 62	94 ± 25	4.36 ± 0.45
[S II] 6732	39.13 ± 0.14	222 ± 62	94 ± 25	2.73 ± 0.45

Emission Summary

H α broad SNR	2.99
H β broad SNR	3.73
H γ broad SNR	0.00
AGN frac	0.90
Host frac	0.11
$\log L_{5100, \text{Host}}$	41.70
Fe II/H β	1.50
Fe II/[O III]	3.52

Quality Flags

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