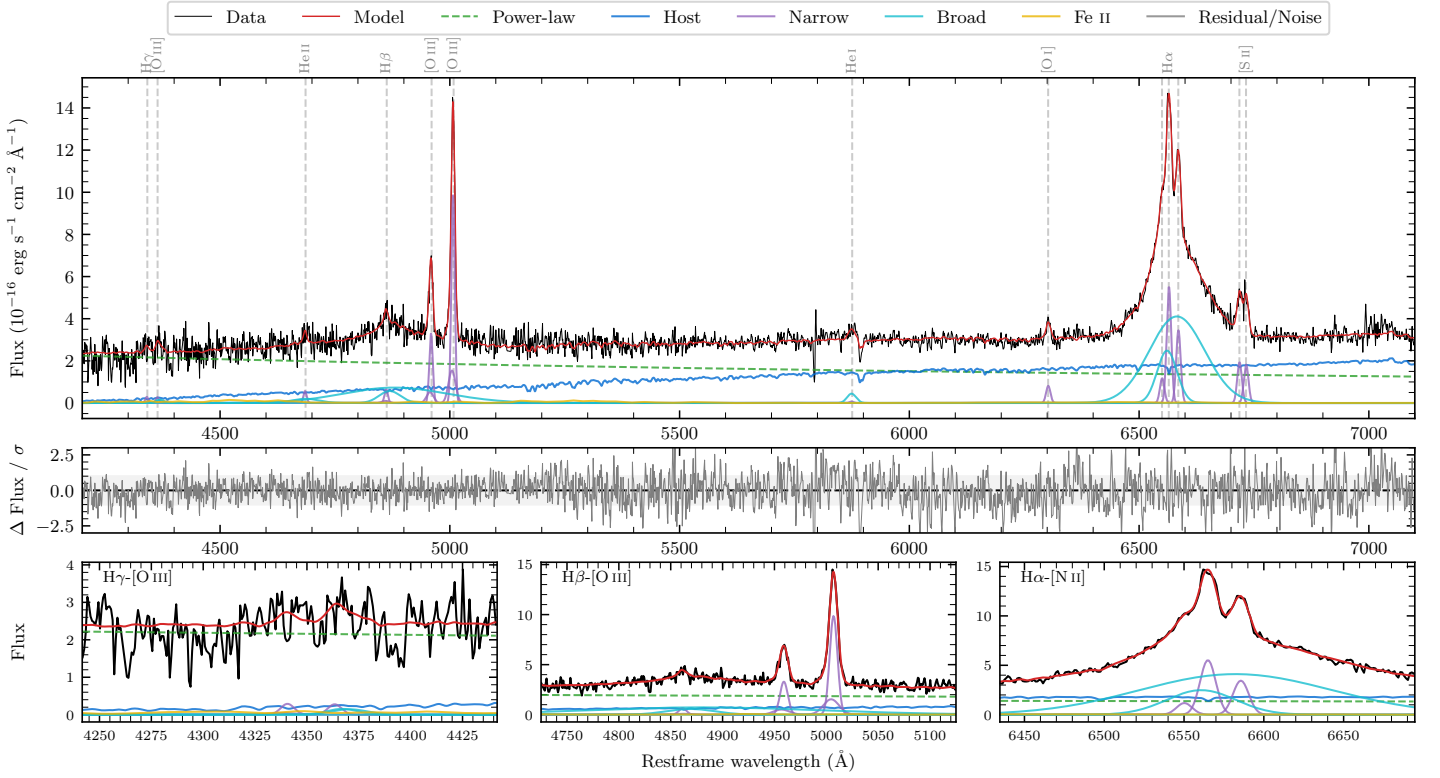
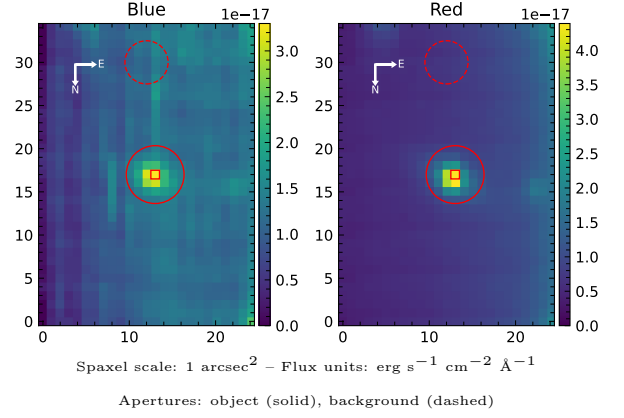


NVSS J093511–145002

Spectrum ID	88786809_sp1	Spectrum type	Sy 1.5
Alt name	g0935112–145003	Quality flag	good
z	0.0872	AGN reference	6dFGS
RA, Dec	143.7965, –14.8341	MW $E(B - V)$	0.058
MJD	60018.49	Power law α_ν	-0.89 ± 0.18
SNR/Å B/R	5.9/16.5	$\log L_{5100, \text{AGN}}$	43.25 ± 0.02
Obs airmass	1.04	$\log H\beta_{\text{Br}} / [\text{O III}]$	0.30 ± 0.03
SMSS ID	88786809	$\log M_{L5100} / M_\odot$	8.35 ± 0.25
Neighbour	9.4", 88786811	$\log M_{\text{H}\alpha} / M_\odot$	7.95 ± 0.02
SMSS $\langle r_{6'' \text{ap}} \rangle$	17.36 ± 0.23	$\log M_{\text{H}\beta} / M_\odot$	8.46 ± 0.25
2MASS K_{ext}	12.77 ± 0.11	$\log M_{[\text{O III}]} / M_\odot$	8.48 ± 0.25



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.81 ± 0.36	570 ± 64	303 ± 30	1.57 ± 1.16
Hγ Broad	—	—	—	—
[O III] 4364	39.68 ± 0.41	530 ± 63	225 ± 25	1.16 ± 0.86
He II Narrow	40.01 ± 0.23	530 ± 63	225 ± 25	2.71 ± 0.82
He II Broad	40.50 ± 0.23	4484 ± 70	1904 ± 28	8.34 ± 2.37
H β Narrow	40.21 ± 0.18	570 ± 64	304 ± 30	4.50 ± 1.18
Hβ Broad	41.70 ± 0.03	7636 ± 1988	5343 ± 131	138.55 ± 4.89
[O III] 5007	41.40 ± 0.01	570 ± 64	304 ± 30	72.13 ± 1.35
He I Narrow	39.20 ± 0.49	530 ± 63	225 ± 25	0.53 ± 0.42
He I Broad	40.36 ± 0.08	1178 ± 62	500 ± 25	7.69 ± 0.69
[O I] 6300	40.30 ± 0.04	530 ± 63	225 ± 25	7.33 ± 0.53
H α Narrow	41.15 ± 0.01	530 ± 63	225 ± 25	54.29 ± 0.58
Hα Broad	42.19 ± 0.01	4618 ± 114	2089 ± 25	601.46 ± 2.15
[N II] 6585	40.95 ± 0.02	530 ± 63	225 ± 25	34.10 ± 0.63
[S II] 6718	40.70 ± 0.02	530 ± 63	225 ± 25	19.96 ± 0.67
[S II] 6732	40.68 ± 0.02	530 ± 63	225 ± 25	18.93 ± 0.67

Emission Summary

H α broad SNR	14.33
H β broad SNR	2.92
H γ broad SNR	0.83
AGN frac	0.71
Host frac	0.29
$\log L_{5100, \text{Host}}$	42.85
Fe II/H β	0.12
Fe II/[O III]	0.24

Quality Flags

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