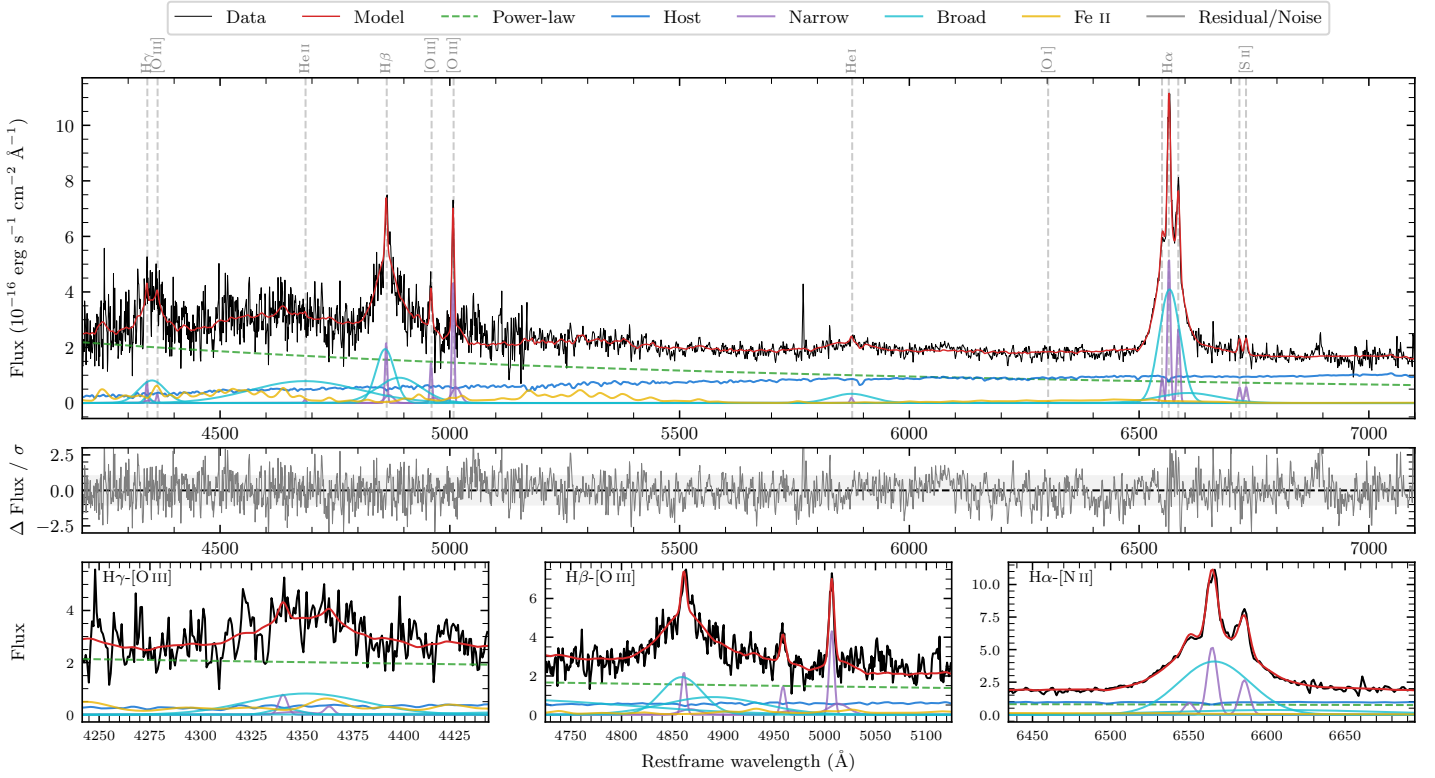
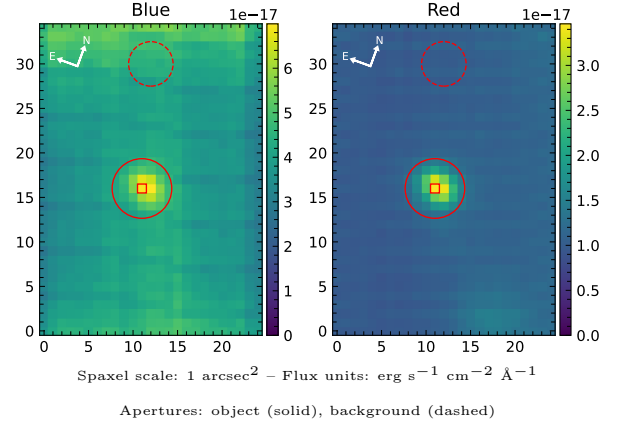


2MASS J08363864–1053421

Spectrum ID	75353334_sp1	Spectrum type	Bad
Alt name	g0836387–105342	Quality flag	bad_blue
z	0.0925	AGN reference	6dFGS
RA, Dec	129.1610, –10.8951	MW $E(B - V)$	0.041
MJD	60403.4	Power law α_ν	0.33 ± 0.14
SNR/ \AA B/R	6.7/10.3	$\log L_{5100, \text{AGN}}$	43.18 ± 0.03
Obs airmass	1.07	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.71 ± 0.05
SMSS ID	75353334	$\log M_{L5100}/M_\odot$	7.69 ± 0.05
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.23 ± 0.02
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.35 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.83 ± 0.05
2MASS K_{ext}	12.83 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	7.64 ± 0.06



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.17 ± 0.24	373 ± 64	415 ± 45	3.40 ± 1.35
Hγ Broad	41.18 ± 0.07	3908 ± 632	1608 ± 49	33.98 ± 2.59
[O III] 4364	39.58 ± 0.41	346 ± 63	146 ± 25	0.88 ± 0.68
He II Narrow	–	–	–	–
He II Broad	41.74 ± 0.03	17660 ± 62	7500 ± 25	149.97 ± 6.01
H β Narrow	40.67 ± 0.09	373 ± 64	416 ± 45	14.00 ± 1.66
Hβ Broad	41.69 ± 0.02	3695 ± 202	1872 ± 57	147.55 ± 4.33
[O III] 5007	40.98 ± 0.04	373 ± 64	416 ± 45	30.59 ± 1.98
He I Narrow	39.51 ± 0.22	346 ± 63	146 ± 25	1.49 ± 0.48
He I Broad	40.93 ± 0.04	5243 ± 66	2226 ± 27	39.68 ± 2.06
[O I] 6300	–	–	–	–
H α Narrow	40.99 ± 0.02	346 ± 63	146 ± 25	58.94 ± 0.84
Hα Broad	41.84 ± 0.01	2568 ± 66	1124 ± 37	415.94 ± 3.34
[N II] 6585	40.70 ± 0.03	346 ± 63	146 ± 25	30.35 ± 0.88
[S II] 6718	40.04 ± 0.09	346 ± 63	146 ± 25	6.94 ± 0.80
[S II] 6732	40.05 ± 0.08	346 ± 63	146 ± 25	7.16 ± 0.86

Emission Summary

H α broad SNR	11.10
H β broad SNR	6.81
H γ broad SNR	2.65
AGN frac	0.71
Host frac	0.29
$\log L_{5100, \text{Host}}$	42.80
Fe II/H β	0.56
Fe II/[O III]	2.90

Quality Flags

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