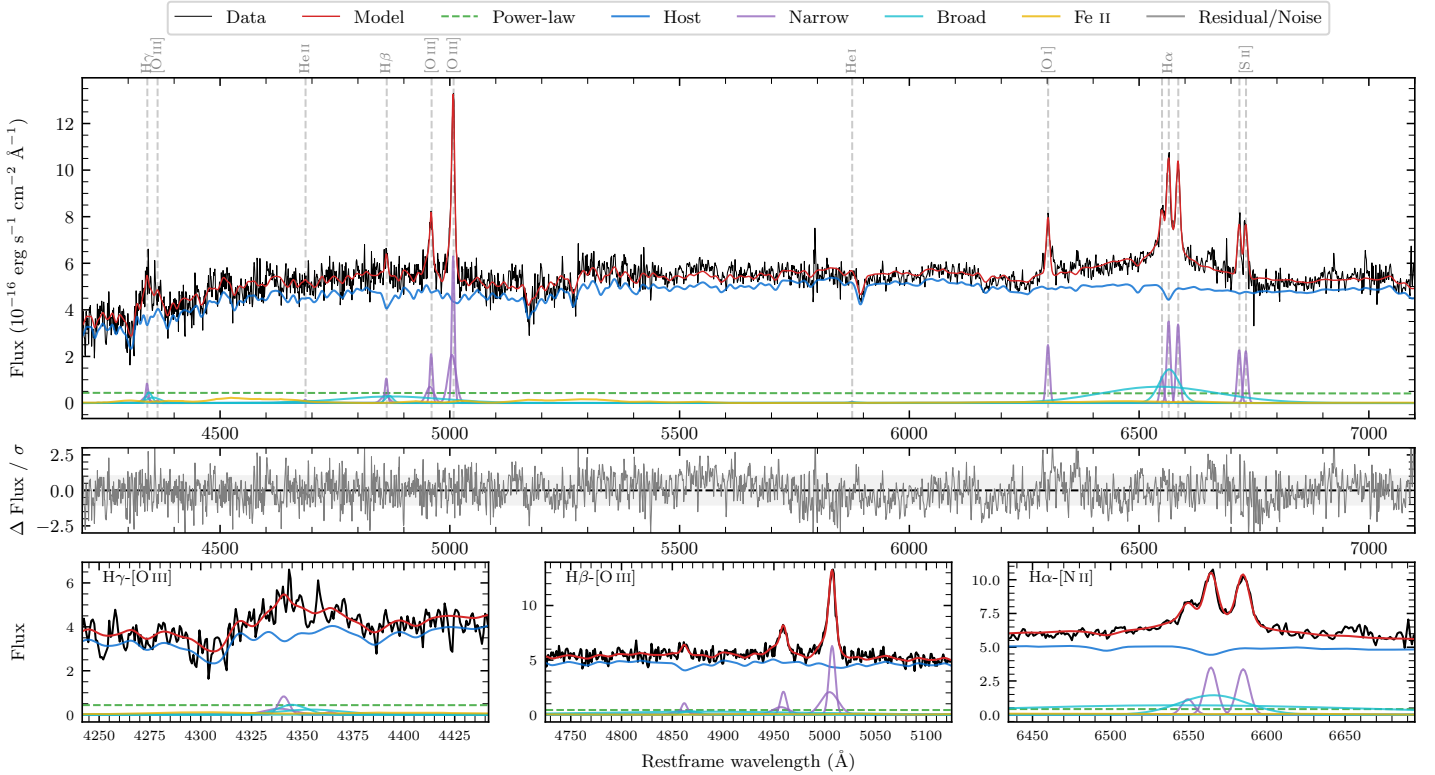
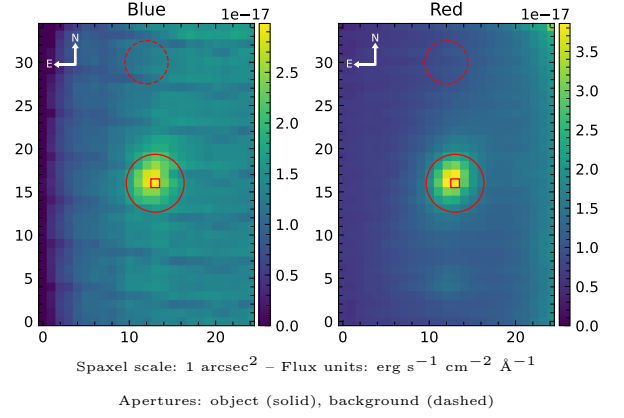


NVSS J135036–163449

Spectrum ID	108584636_sp1	Spectrum type	Sy 1.5
Alt name	g1350362–163450	Quality flag	good
z	0.0876	AGN reference	6dFGS
RA, Dec	207.6506, –16.5804	MW $E(B - V)$	0.087
MJD	60382.73	Power law α_ν	-1.89 ± 0.12
SNR/Å B/R	12.8/19.1	$\log L_{5100, \text{AGN}}$	42.63 ± 0.40
Obs airmass	1.07	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.04 ± 0.08
SMSS ID	108584636	$\log M_{L5100}/M_\odot$	7.04 ± 0.75
Neighbour	11.8", 108584634	$\log M_{\text{H}\alpha}/M_\odot$	7.37 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.94 ± 0.04	$\log M_{\text{H}\beta}/M_\odot$	7.22 ± 0.72
2MASS K_{ext}	12.38 ± 0.13	$\log M_{[\text{O III}]} / M_\odot$	7.38 ± 0.72



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.35 ± 0.15	516 ± 64	385 ± 28	26.66 ± 4.69
Hγ Broad	40.58 ± 0.13	1509 ± 340	652 ± 92	43.68 ± 6.78
[O III] 4364	–	–	–	–
He II Narrow	39.35 ± 0.46	433 ± 63	183 ± 25	2.70 ± 2.40
He II Broad	40.20 ± 0.33	4875 ± 63	2070 ± 25	19.31 ± 8.55
H β Narrow	40.50 ± 0.10	516 ± 64	385 ± 28	38.26 ± 4.26
Hβ Broad	41.25 ± 0.08	2321 ± 2771	5432 ± 149	211.69 ± 17.37
[O III] 5007	41.29 ± 0.02	516 ± 64	385 ± 28	235.03 ± 4.96
He I Narrow	–	–	–	–
He I Broad	–	–	–	–
[O I] 6300	40.70 ± 0.03	433 ± 63	183 ± 25	62.77 ± 2.52
H α Narrow	40.87 ± 0.03	433 ± 63	183 ± 25	92.30 ± 2.63
Hα Broad	41.80 ± 0.02	3139 ± 144	3776 ± 64	782.89 ± 14.66
[N II] 6585	40.85 ± 0.03	433 ± 63	183 ± 25	89.26 ± 2.45
[S II] 6718	40.69 ± 0.03	433 ± 63	183 ± 25	61.65 ± 2.86
[S II] 6732	40.68 ± 0.03	433 ± 63	183 ± 25	60.30 ± 3.04

Emission Summary

H α broad SNR	5.17
H β broad SNR	1.46
H γ broad SNR	1.63
AGN frac	0.09
Host frac	0.92
$\log L_{5100, \text{Host}}$	43.65
Fe II/H β	0.53
Fe II/[O III]	0.48

Quality Flags

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