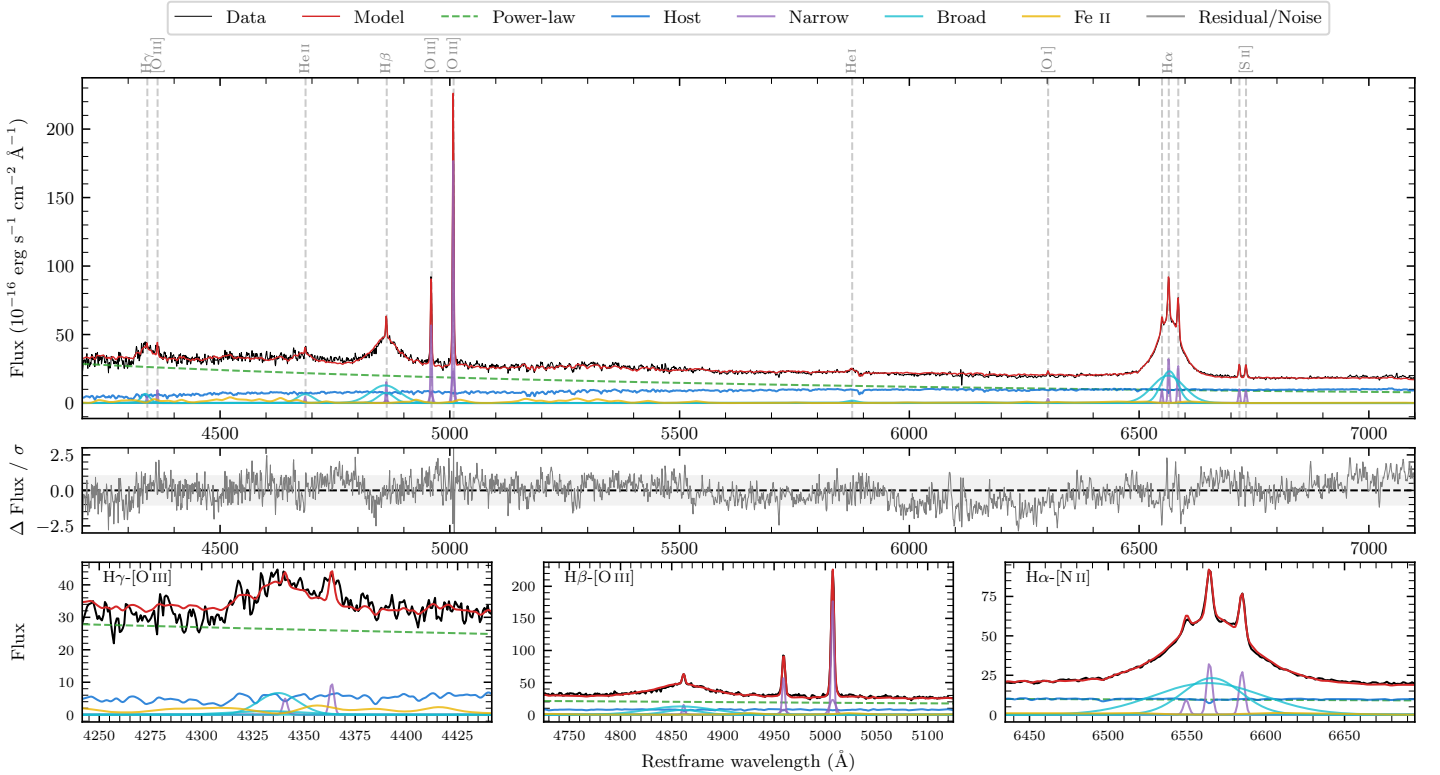
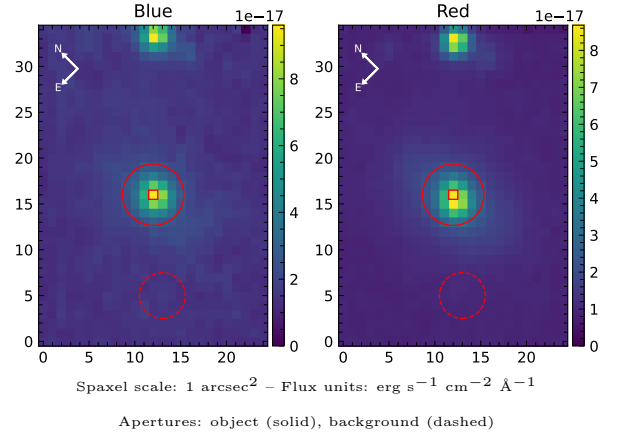


5590460656614152576

Spectrum ID	30817595_sp1	Spectrum type	Sy 1.5
Alt name	5590460656614152576	Quality flag	good
z	0.0305	AGN reference	AllBRICS2
RA, Dec	107.3835, -35.6296	MW $E(B - V)$	0.345
MJD	60672.65	Power law α_ν	0.46 ± 0.03
SNR/ \AA B/R	13.3/20.1	$\log L_{5100, \text{AGN}}$	43.29 ± 0.01
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.24 ± 0.05
SMSS ID	30817595	$\log M_{L5100}/M_\odot$	7.72 ± 0.05
Neighbour	8.0", 2057597554	$\log M_{\text{H}\alpha}/M_\odot$	7.18 ± 0.03
SMSS $\langle r_6'' \text{ap} \rangle$	16.24 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.72 ± 0.06
2MASS K_{ext}	11.87 ± 0.09	$\log M_{[\text{O III}]} / M_\odot$	7.75 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.64 ± 0.22	203 ± 63	113 ± 40	0.73 ± 0.27
Hγ Broad	40.72 ± 0.13	1813 ± 527	671 ± 231	8.34 ± 0.72
[O III] 4364	39.79 ± 0.13	192 ± 63	80 ± 25	1.11 ± 0.18
He II Narrow	39.49 ± 0.22	192 ± 63	80 ± 25	0.66 ± 0.18
He II Broad	40.81 ± 0.18	2631 ± 1021	1117 ± 434	13.44 ± 0.70
H β Narrow	40.18 ± 0.05	203 ± 63	113 ± 40	3.34 ± 0.28
Hβ Broad	41.48 ± 0.04	3642 ± 206	1513 ± 225	70.70 ± 1.00
[O III] 5007	41.23 ± 0.02	203 ± 63	113 ± 40	42.93 ± 0.38
He I Narrow	39.04 ± 0.25	192 ± 63	80 ± 25	0.41 ± 0.15
He I Broad	40.09 ± 0.15	1560 ± 288	663 ± 122	4.77 ± 0.45
[O I] 6300	39.47 ± 0.11	192 ± 63	80 ± 25	1.29 ± 0.19
H α Narrow	40.51 ± 0.02	192 ± 63	80 ± 25	15.60 ± 0.31
Hα Broad	41.79 ± 0.01	2536 ± 95	1100 ± 75	304.57 ± 1.10
[N II] 6585	40.43 ± 0.02	192 ± 63	80 ± 25	13.12 ± 0.29
[S II] 6718	40.01 ± 0.04	192 ± 63	80 ± 25	5.21 ± 0.24
[S II] 6732	39.97 ± 0.04	192 ± 63	80 ± 25	4.86 ± 0.24

Emission Summary

H α broad SNR	19.25
H β broad SNR	9.01
H γ broad SNR	3.67
AGN frac	0.71
Host frac	0.29
$\log L_{5100, \text{Host}}$	42.90
Fe II/H β	0.50
Fe II/[O III]	0.89

Quality Flags

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