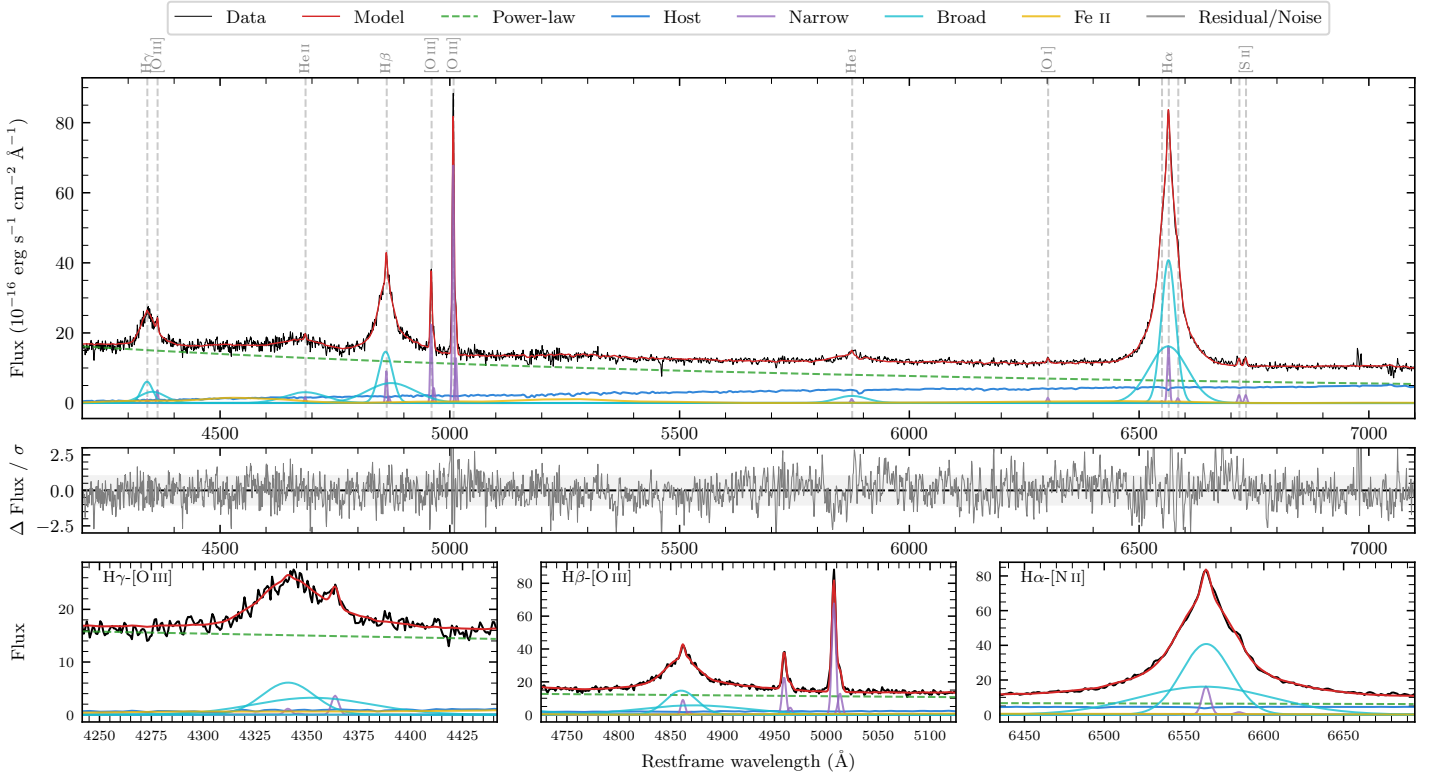
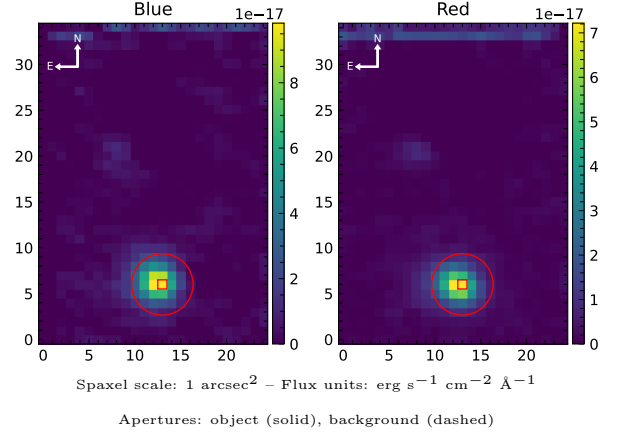


6106685626462934016

Spectrum ID		Spectrum type	
Spectrum ID	100749462_sp1	Spectrum type	Sy 1.2
Alt name	6106685626462934016	Quality flag	good
z	0.0788	AGN reference	AllBRICS2
RA, Dec	218.5163, -37.1103	MW $E(B - V)$	0.081
MJD	60931.39	Power law α_ν	0.08 ± 0.09
SNR/ \AA B/R	15.2/21.7	$\log L_{5100, \text{AGN}}$	43.93 ± 0.01
Obs airmass	1.60	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.51 ± 0.01
SMSS ID	100749462	$\log M_{L5100}/M_\odot$	7.74 ± 0.02
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.58 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.16 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.85 ± 0.02
2MASS K_{ext}	12.55 ± 0.09	$\log M_{[\text{O III}]} / M_\odot$	7.79 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.98 ± 0.34	290 ± 63	175 ± 25	0.42 ± 0.21
Hγ Broad	41.84 ± 0.02	2624 ± 175	1210 ± 58	30.12 ± 0.73
[O III] 4364	40.41 ± 0.11	285 ± 63	118 ± 25	1.13 ± 0.17
He II Narrow	40.11 ± 0.19	285 ± 63	118 ± 25	0.65 ± 0.18
He II Broad	41.76 ± 0.02	6767 ± 194	2873 ± 82	29.17 ± 0.94
H β Narrow	40.94 ± 0.04	290 ± 63	175 ± 25	4.71 ± 0.24
Hβ Broad	42.33 ± 0.01	2724 ± 66	1783 ± 41	118.01 ± 1.12
[O III] 5007	41.82 ± 0.01	290 ± 63	175 ± 25	38.69 ± 0.41
He I Narrow	40.05 ± 0.13	285 ± 63	118 ± 25	0.91 ± 0.17
He I Broad	41.45 ± 0.03	4038 ± 192	1715 ± 81	23.00 ± 0.70
[O I] 6300	40.20 ± 0.08	285 ± 63	118 ± 25	1.48 ± 0.18
H α Narrow	41.24 ± 0.02	285 ± 63	118 ± 25	17.88 ± 0.34
Hα Broad	42.74 ± 0.01	2048 ± 64	1061 ± 25	557.51 ± 1.08
[N II] 6585	40.20 ± 0.18	285 ± 63	118 ± 25	1.61 ± 0.33
[S II] 6718	40.40 ± 0.10	285 ± 63	118 ± 25	2.69 ± 0.33
[S II] 6732	40.40 ± 0.05	285 ± 63	118 ± 25	2.69 ± 0.24

Emission Summary

H α broad SNR	56.30
H β broad SNR	19.99
H γ broad SNR	8.95
AGN frac	0.84
Host frac	0.16
$\log L_{5100, \text{Host}}$	43.22
Fe II/H β	0.27
Fe II/[O III]	0.87

Quality Flags

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