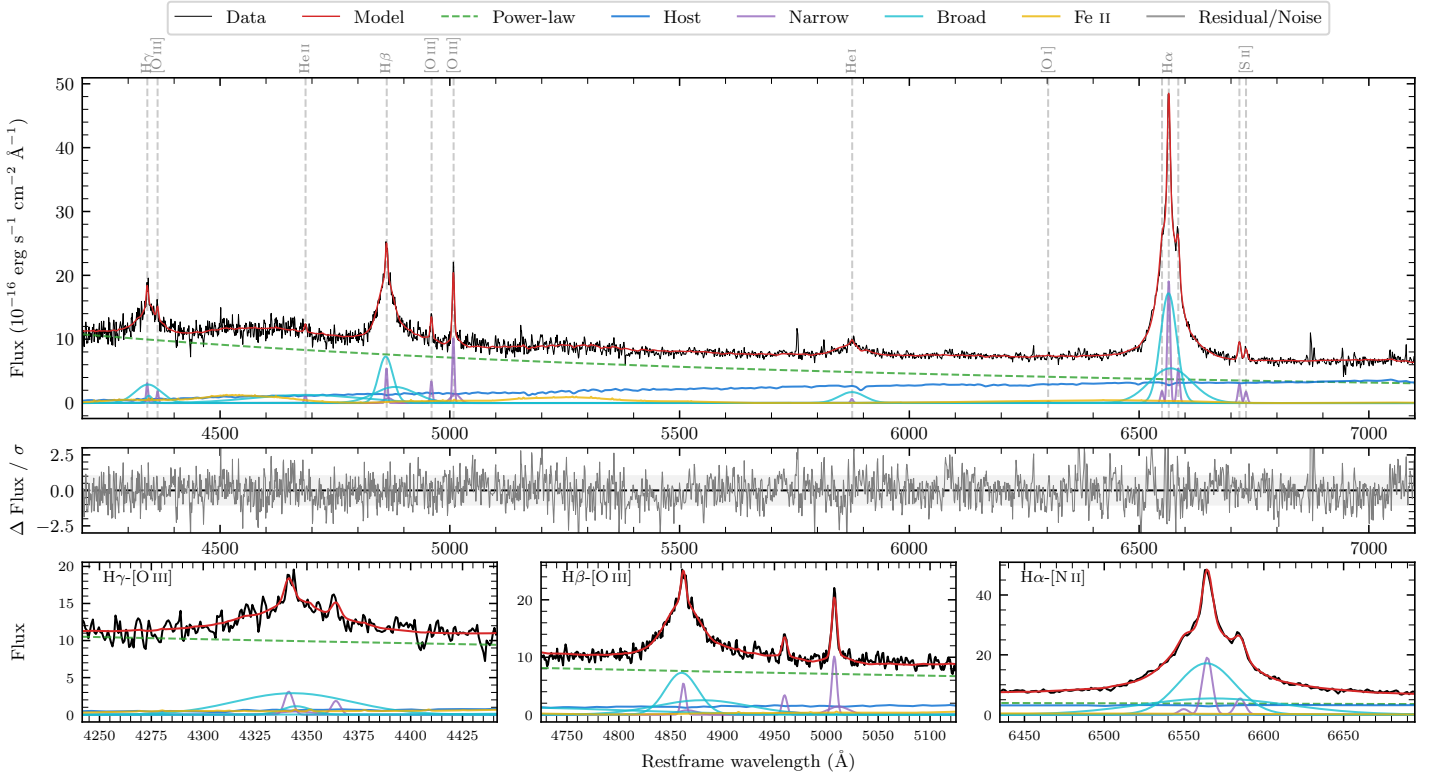
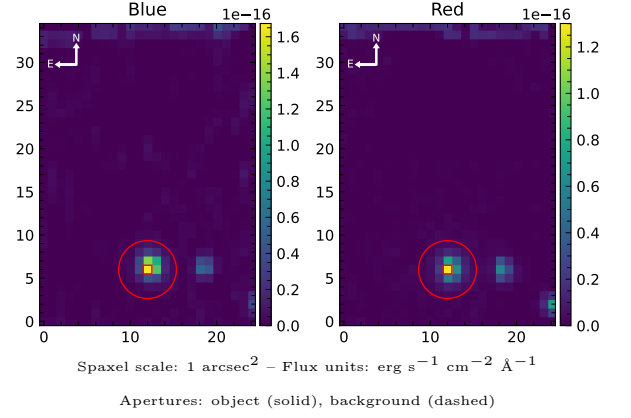


2MASS J11494680–4627515

Spectrum ID	409469820_sp1	Spectrum type	Sy 1.0
Alt name	5377665986541771776	Quality flag	good
z	0.0949	AGN reference	AllBRICS2
RA, Dec	177.4450, -46.4643	MW $E(B - V)$	0.082
MJD	60800.39	Power law α_ν	0.38 ± 0.09
SNR/ \AA B/R	13.5/17.5	$\log L_{5100, \text{AGN}}$	43.90 ± 0.01
Obs airmass	1.09	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.77 ± 0.03
SMSS ID	409469820	$\log M_{L5100}/M_\odot$	7.73 ± 0.03
Neighbour	5.8", 409469821	$\log M_{\text{H}\alpha}/M_\odot$	7.54 ± 0.03
SMSS $\langle r_6^{\text{ap}} \rangle$	16.74 ± 0.14	$\log M_{\text{H}\beta}/M_\odot$	7.77 ± 0.03
2MASS K_{ext}	12.97 ± 0.14	$\log M_{[\text{O III}]} / M_\odot$	7.57 ± 0.03



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.80 ± 0.12	366 ± 63	397 ± 37	2.83 ± 0.47
Hγ Broad	41.75 ± 0.03	3305 ± 751	1563 ± 57	24.74 ± 0.88
[O III] 4364	40.37 ± 0.17	337 ± 63	142 ± 25	1.06 ± 0.24
He II Narrow	40.23 ± 0.17	337 ± 63	142 ± 25	0.91 ± 0.25
He II Broad	41.97 ± 0.03	17660 ± 62	7499 ± 25	49.69 ± 1.95
H β Narrow	41.10 ± 0.06	366 ± 63	397 ± 37	7.26 ± 0.56
Hβ Broad	42.15 ± 0.01	2717 ± 83	1514 ± 41	82.53 ± 1.25
[O III] 5007	41.38 ± 0.03	366 ± 63	397 ± 37	14.87 ± 0.62
He I Narrow	40.05 ± 0.17	337 ± 63	142 ± 25	1.02 ± 0.22
He I Broad	41.48 ± 0.02	3360 ± 82	1427 ± 34	27.12 ± 0.82
[O I] 6300	39.58 ± 0.36	337 ± 63	142 ± 25	0.41 ± 0.27
H α Narrow	41.57 ± 0.01	337 ± 63	142 ± 25	43.99 ± 0.48
Hα Broad	42.54 ± 0.01	2240 ± 65	1091 ± 25	410.35 ± 1.48
[N II] 6585	41.03 ± 0.03	337 ± 63	142 ± 25	12.67 ± 0.41
[S II] 6718	40.76 ± 0.03	337 ± 63	142 ± 25	7.25 ± 0.40
[S II] 6732	40.55 ± 0.07	337 ± 63	142 ± 25	4.41 ± 0.39

Emission Summary

H α broad SNR	30.00
H β broad SNR	12.73
H γ broad SNR	5.35
AGN frac	0.81
Host frac	0.19
$\log L_{5100, \text{Host}}$	43.26
Fe II/H β	0.50
Fe II/[O III]	2.96

Quality Flags

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