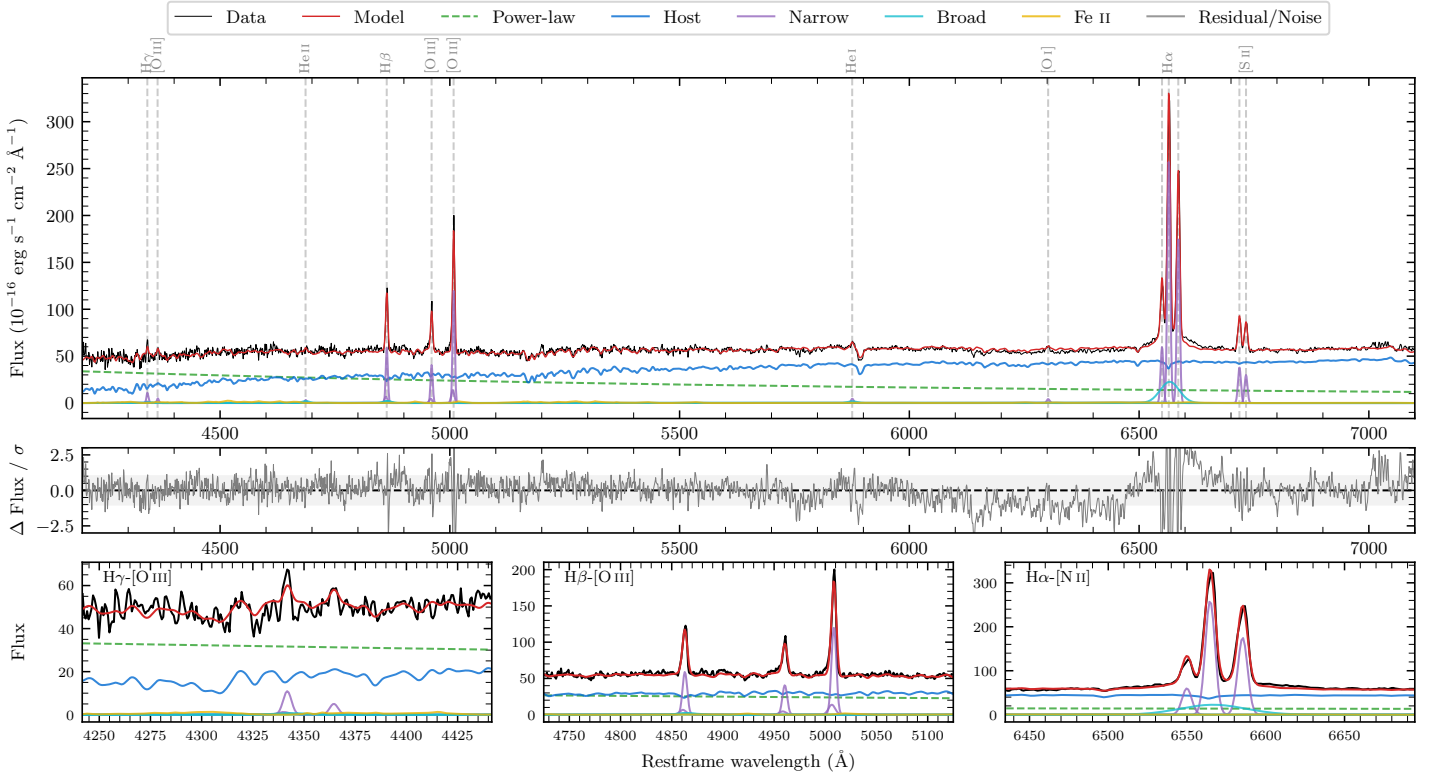
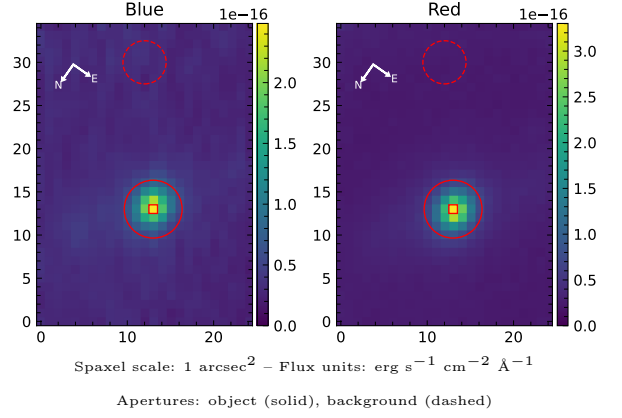


Spectrum ID	170151522_sp1	Spectrum type	Sy 2
Alt name	g1538448–032248	Quality flag	good
z	0.0238	AGN reference	6dFGS
RA, Dec	234.6864, –3.3800	MW $E(B - V)$	0.203
MJD	61113.71	Power law α_ν	0.00 ± 0.22
SNR/Å B/R	13.6/26.1	$\log L_{5100, \text{AGN}}$	43.18 ± 0.03
Obs airmass	1.18	$\log H\beta_{\text{Br}}/[\text{O III}]$	–
SMSS ID	170151522	$\log M_{L5100}/M_\odot$	–
Neighbour	None < 15"	$\log M_{\text{H}\alpha}/M_\odot$	–
SMSS $\langle r_6^{\text{ap}} \rangle$	14.70 ± 0.03	$\log M_{\text{H}\beta}/M_\odot$	–
2MASS K_{ext}	10.17 ± 0.03	$\log M_{[\text{O III}]} / M_\odot$	–



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (Angstroms)
H γ Narrow	39.94 ± 0.16	348 ± 63	160 ± 27	2.09 ± 0.43
Hγ Broad	–	–	–	–
[O III] 4364	39.53 ± 0.30	333 ± 62	141 ± 25	0.85 ± 0.37
He II Narrow	39.38 ± 0.36	333 ± 62	141 ± 25	0.69 ± 0.33
He II Broad	39.78 ± 0.31	1190 ± 64	505 ± 26	1.67 ± 0.64
H β Narrow	40.72 ± 0.03	348 ± 63	160 ± 27	15.87 ± 0.42
Hβ Broad	–	–	–	–
[O III] 5007	41.04 ± 0.01	348 ± 63	160 ± 27	35.69 ± 0.45
He I Narrow	39.63 ± 0.17	333 ± 62	141 ± 25	1.91 ± 0.32
He I Broad	39.85 ± 0.21	1192 ± 75	506 ± 31	2.80 ± 0.60
[O I] 6300	39.62 ± 0.13	333 ± 62	141 ± 25	2.14 ± 0.39
H α Narrow	41.54 ± 0.01	333 ± 62	141 ± 25	148.35 ± 0.60
Hα Broad	–	–	–	–
[N II] 6585	41.37 ± 0.01	333 ± 62	141 ± 25	101.23 ± 0.55
[S II] 6718	40.60 ± 0.02	333 ± 62	141 ± 25	23.47 ± 0.55
[S II] 6732	40.49 ± 0.02	333 ± 62	141 ± 25	18.41 ± 0.53

Emission Summary

H α broad SNR	0.00
H β broad SNR	0.00
H γ broad SNR	0.00
AGN frac	0.44
Host frac	0.56
$\log L_{5100, \text{Host}}$	43.28
Fe II/H β	–
Fe II/[O III]	0.40

Quality Flags

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