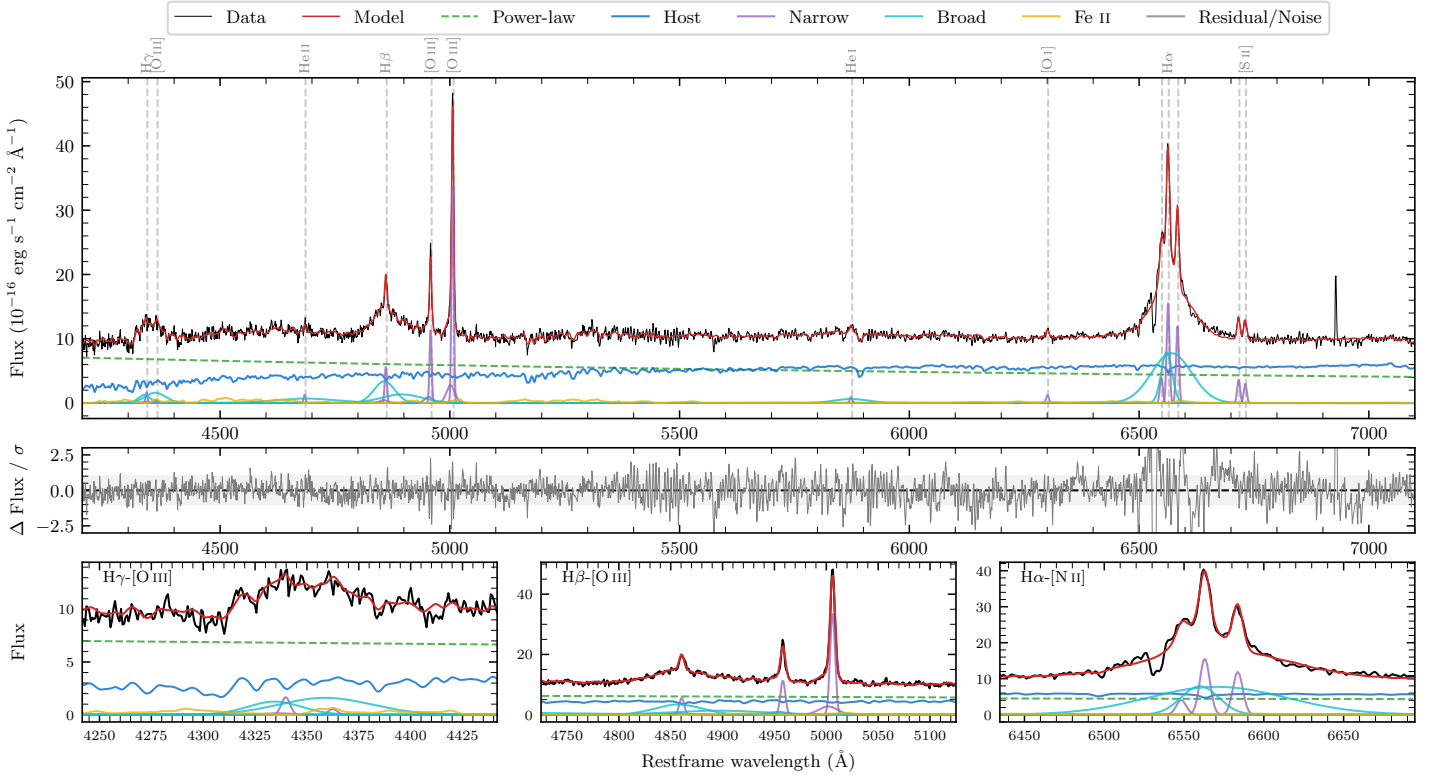
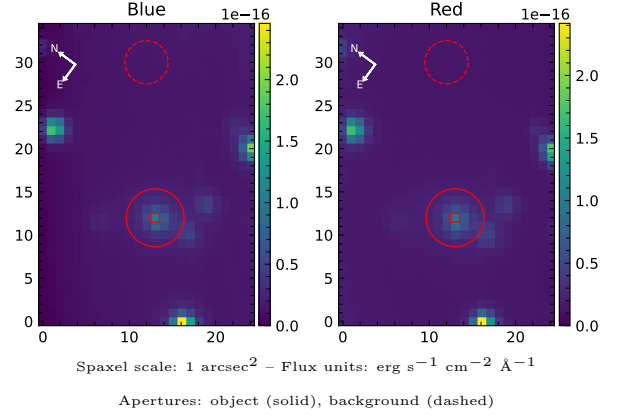


2MASS J15080462–4244448

Spectrum ID	310181797_sp2	Spectrum type	Sy 1.5
Alt name	g1508046–424445	Quality flag	good
z	0.0562	AGN reference	6dFGS
RA, Dec	227.0190, –42.7458	MW $E(B - V)$	0.106
MJD	59671.64	Power law α_ν	-0.94 ± 0.18
SNR/ \AA B/R	11.9/22.3	$\log L_{5100, \text{AGN}}$	43.35 ± 0.03
Obs airmass	1.05	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.12 ± 0.02
SMSS ID	310181797	$\log M_{L5100}/M_\odot$	7.82 ± 0.05
Neighbour	5.0", 2460485054	$\log M_{\text{H}\alpha}/M_\odot$	7.15 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.41 ± 0.08	$\log M_{\text{H}\beta}/M_\odot$	7.78 ± 0.06
2MASS K_{ext}	12.45 ± 0.12	$\log M_{[\text{O III}]} / M_\odot$	7.87 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.96 ± 0.20	355 ± 63	303 ± 38	1.75 ± 0.65
Hγ Broad	41.01 ± 0.05	3823 ± 403	1333 ± 79	20.08 ± 1.19
[O III] 4364	39.35 ± 0.40	337 ± 63	143 ± 25	0.43 ± 0.34
He II Narrow	39.76 ± 0.18	337 ± 63	143 ± 25	1.18 ± 0.34
He II Broad	40.99 ± 0.07	10283 ± 289	4367 ± 122	20.18 ± 1.89
H β Narrow	40.53 ± 0.05	355 ± 63	303 ± 38	7.44 ± 0.64
Hβ Broad	41.45 ± 0.02	3979 ± 219	1838 ± 87	60.22 ± 1.53
[O III] 5007	41.32 ± 0.01	355 ± 63	303 ± 38	47.52 ± 0.72
He I Narrow	39.73 ± 0.12	337 ± 63	143 ± 25	1.40 ± 0.25
He I Broad	40.67 ± 0.06	4416 ± 282	1875 ± 119	12.35 ± 0.93
[O I] 6300	39.88 ± 0.08	337 ± 63	143 ± 25	2.14 ± 0.26
H α Narrow	40.99 ± 0.01	337 ± 63	143 ± 25	29.22 ± 0.37
Hα Broad	41.94 ± 0.01	2189 ± 94	1434 ± 27	258.77 ± 1.23
[N II] 6585	40.88 ± 0.01	337 ± 63	143 ± 25	22.46 ± 0.35
[S II] 6718	40.37 ± 0.03	337 ± 63	143 ± 25	7.12 ± 0.31
[S II] 6732	40.29 ± 0.03	337 ± 63	143 ± 25	5.94 ± 0.30

Emission Summary

H α broad SNR	18.05
H β broad SNR	5.11
H γ broad SNR	2.64
AGN frac	0.58
Host frac	0.42
$\log L_{5100, \text{Host}}$	43.22
Fe II/H β	0.36
Fe II/[O III]	0.47

Quality Flags

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