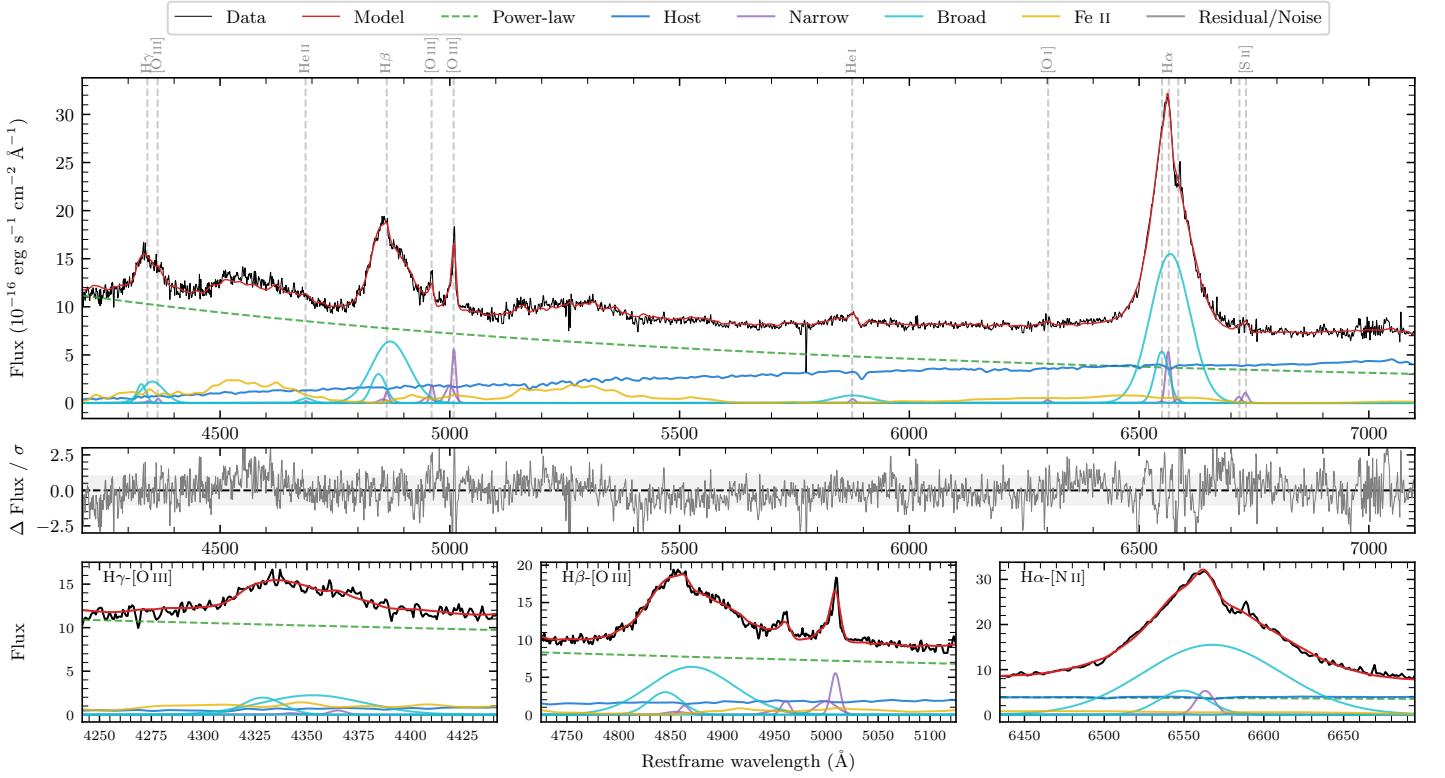
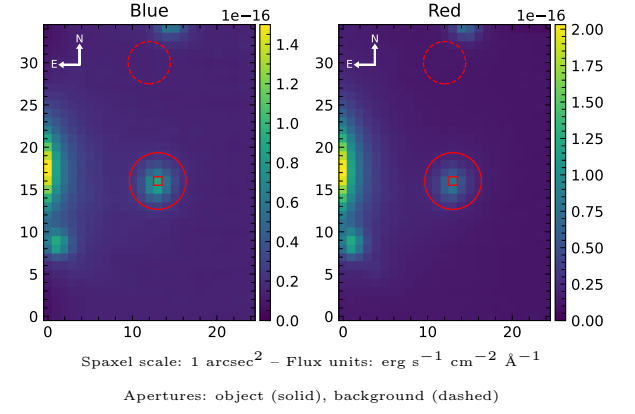


2MASS J08545518–2423373

Spectrum ID	47283434_sp1	Spectrum type	Sy 1.0
Alt name	g0854552–242338	Quality flag	good
z	0.0911	AGN reference	6dFGS
RA, Dec	133.7300, –24.3937	MW $E(B - V)$	0.137
MJD	60057.37	Power law α_ν	0.49 ± 0.01
SNR/Å B/R	23.5/24.7	$\log L_{5100, \text{AGN}}$	43.86 ± 0.01
Obs airmass	1.01	$\log H\beta_{\text{Br}} / [\text{O III}]$	0.86 ± 0.02
SMSS ID	47283434	$\log M_{L5100} / M_\odot$	8.28 ± 0.01
Neighbour	14.1", 1056835739	$\log M_{\text{H}\alpha} / M_\odot$	8.08 ± 0.03
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	nan \pm nan	$\log M_{\text{H}\beta} / M_\odot$	8.38 ± 0.01
2MASS K_{ext}	12.28 ± 0.09	$\log M_{[\text{O III}]} / M_\odot$	8.13 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.84 ± 0.42	724 ± 66	509 ± 28	0.32 ± 0.24
Hγ Broad	41.63 ± 0.02	3721 ± 231	1451 ± 27	19.99 ± 0.46
[O III] 4364	40.03 ± 0.28	621 ± 63	263 ± 25	0.51 ± 0.18
He II Narrow	39.64 ± 0.44	621 ± 63	263 ± 25	0.25 ± 0.18
He II Broad	40.61 ± 0.12	2185 ± 65	928 ± 26	2.32 ± 0.34
H β Narrow	40.71 ± 0.08	724 ± 66	510 ± 28	3.18 ± 0.32
Hβ Broad	42.24 ± 0.01	5215 ± 82	2057 ± 25	108.68 ± 0.67
[O III] 5007	41.38 ± 0.02	724 ± 66	510 ± 28	16.03 ± 0.35
He I Narrow	40.09 ± 0.16	621 ± 63	263 ± 25	1.24 ± 0.24
He I Broad	41.26 ± 0.03	4857 ± 65	2063 ± 26	18.08 ± 0.79
[O I] 6300	40.02 ± 0.19	621 ± 63	263 ± 25	1.23 ± 0.34
H α Narrow	41.24 ± 0.02	621 ± 63	263 ± 25	22.65 ± 0.45
Hα Broad	42.63 ± 0.01	3931 ± 69	1609 ± 25	555.63 ± 1.19
[N II] 6585	40.16 ± 0.23	621 ± 63	263 ± 25	1.92 ± 0.42
[S II] 6718	40.32 ± 0.11	621 ± 63	263 ± 25	2.95 ± 0.47
[S II] 6732	40.55 ± 0.06	621 ± 63	263 ± 25	4.94 ± 0.50

Emission Summary

H α broad SNR	41.44
H β broad SNR	17.82
H γ broad SNR	7.19
AGN frac	0.78
Host frac	0.22
$\log L_{5100, \text{Host}}$	43.30
Fe II/H β	0.69
Fe II/[O III]	4.99

Quality Flags

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