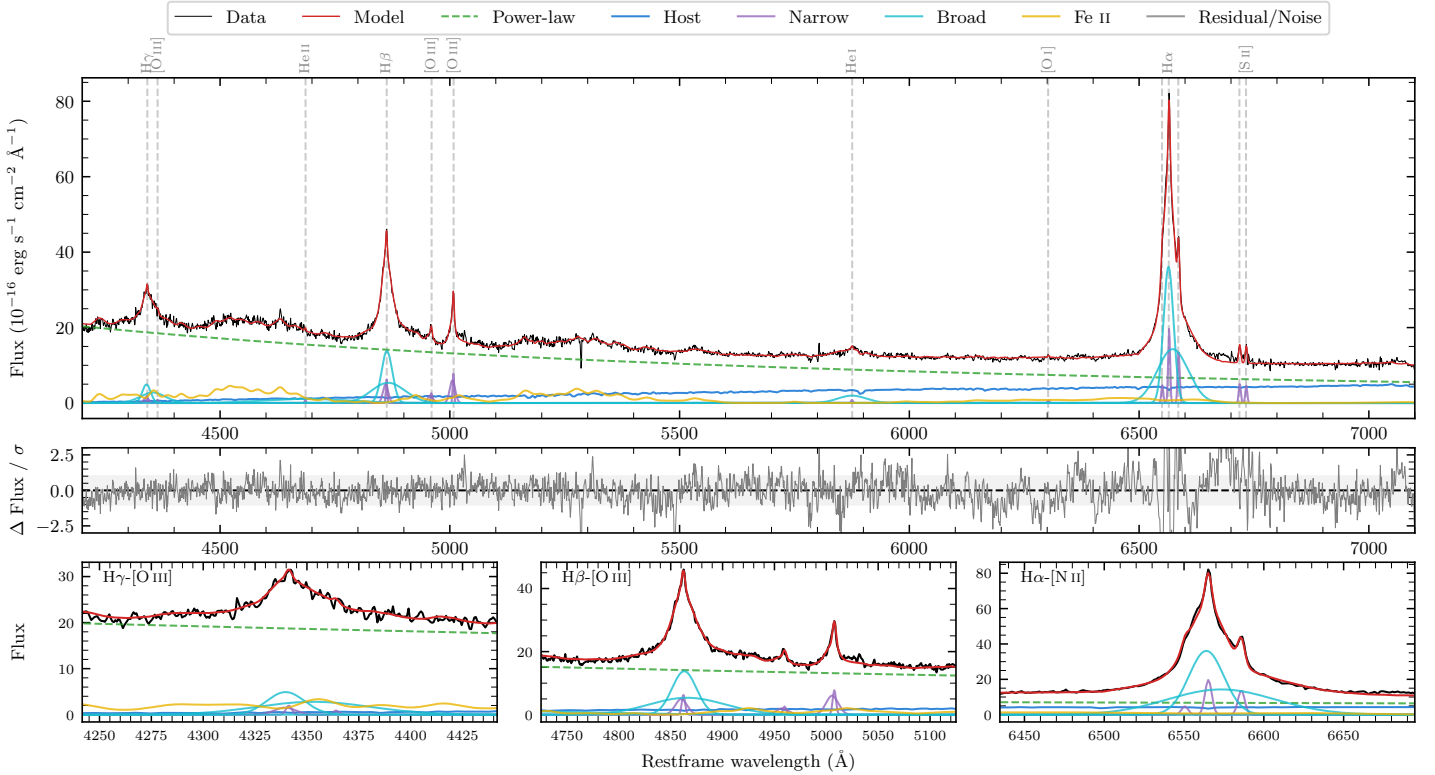
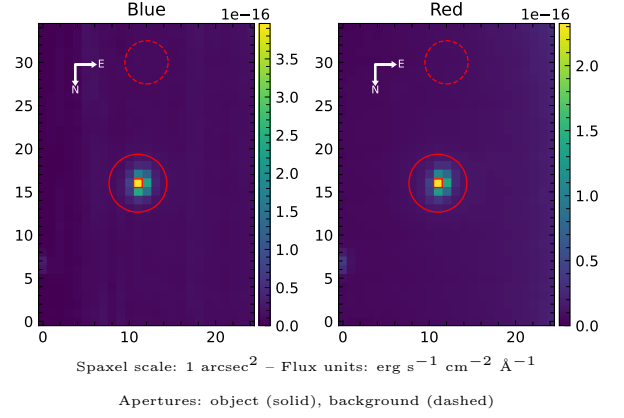


NVSS J080136–063629

Spectrum ID	73559146_sp1	Spectrum type	Sy 1.0
Alt name	g0801368–063610	Quality flag	good
z	0.0860	AGN reference	6dFGS
RA, Dec	120.4035, –6.6026	MW $E(B - V)$	0.066
MJD	60018.44	Power law α_ν	0.48 ± 0.02
SNR/ \AA B/R	18.1/24.1	$\log L_{5100, \text{AGN}}$	44.07 ± 0.01
Obs airmass	1.10	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.87 ± 0.02
SMSS ID	73559146	$\log M_{L5100}/M_\odot$	7.58 ± 0.03
Neighbour	14.9", 73559147	$\log M_{\text{H}\alpha}/M_\odot$	7.23 ± 0.05
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	16.31 ± 0.14	$\log M_{\text{H}\beta}/M_\odot$	7.60 ± 0.03
2MASS K_{ext}	12.68 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	7.35 ± 0.03



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.73 ± 0.20	362 ± 69	315 ± 30	1.55 ± 0.25
Hγ Broad	41.79 ± 0.03	2021 ± 237	1219 ± 58	17.73 ± 0.60
[O III] 4364	39.81 ± 0.37	234 ± 63	97 ± 25	0.19 ± 0.13
He II Narrow	39.80 ± 0.34	234 ± 63	97 ± 25	0.22 ± 0.13
He II Broad	41.71 ± 0.05	14093 ± 85	5985 ± 35	18.07 ± 1.15
H β Narrow	41.29 ± 0.06	362 ± 69	315 ± 30	7.38 ± 0.30
Hβ Broad	42.26 ± 0.01	2111 ± 71	1226 ± 37	69.15 ± 0.76
[O III] 5007	41.39 ± 0.02	362 ± 69	315 ± 30	9.97 ± 0.33
He I Narrow	39.90 ± 0.18	234 ± 63	97 ± 25	0.49 ± 0.12
He I Broad	41.48 ± 0.02	3691 ± 98	1567 ± 41	18.58 ± 0.52
[O I] 6300	39.86 ± 0.19	234 ± 63	97 ± 25	0.52 ± 0.14
H α Narrow	41.32 ± 0.01	234 ± 63	97 ± 25	16.90 ± 0.23
Hα Broad	42.64 ± 0.01	1462 ± 63	847 ± 25	355.60 ± 0.82
[N II] 6585	41.17 ± 0.01	234 ± 63	97 ± 25	11.99 ± 0.20
[S II] 6718	40.75 ± 0.03	234 ± 63	97 ± 25	4.78 ± 0.22
[S II] 6732	40.70 ± 0.03	234 ± 63	97 ± 25	4.27 ± 0.23

Emission Summary

H α broad SNR	51.56
H β broad SNR	19.80
H γ broad SNR	7.66
AGN frac	0.88
Host frac	0.12
$\log L_{5100, \text{Host}}$	43.22
Fe II/H β	1.06
Fe II/[O III]	7.90

Quality Flags

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