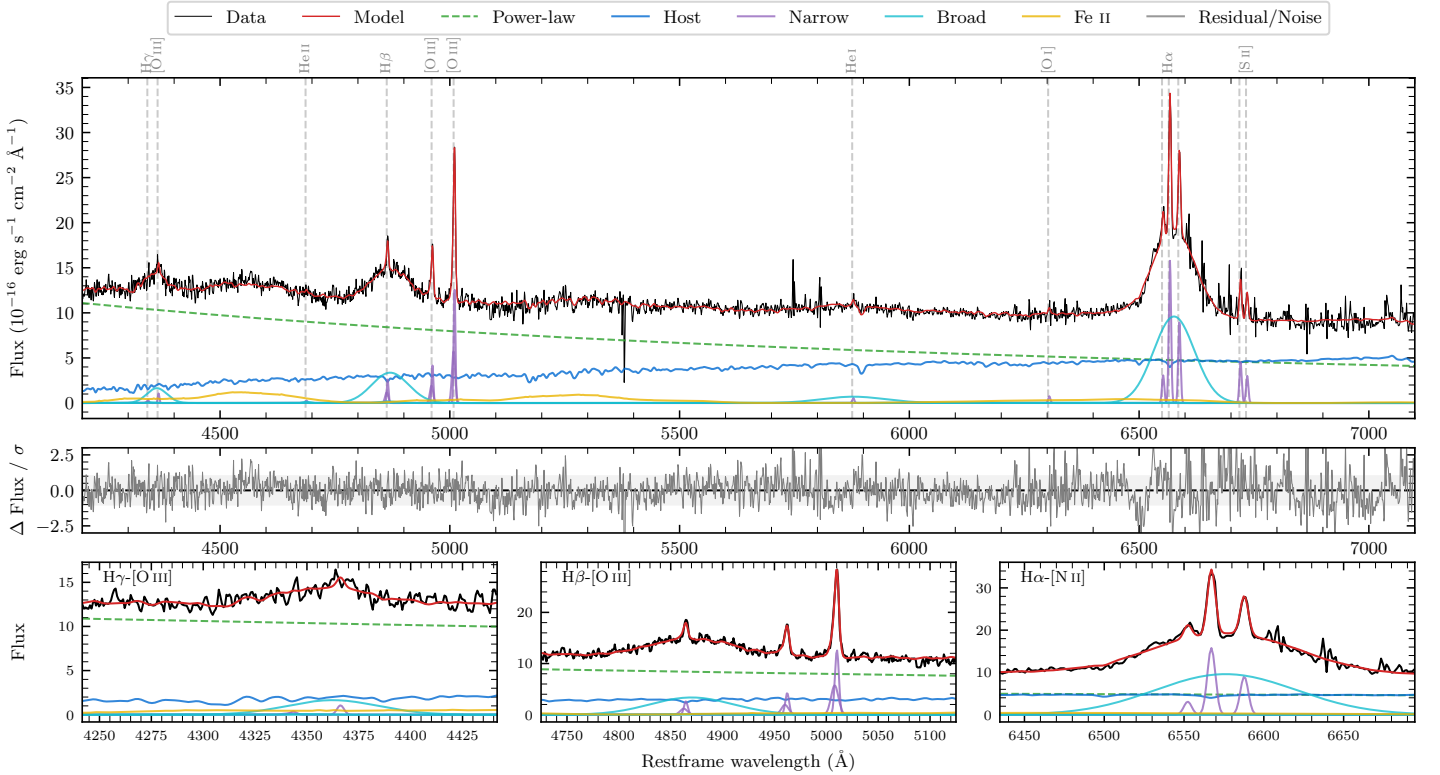
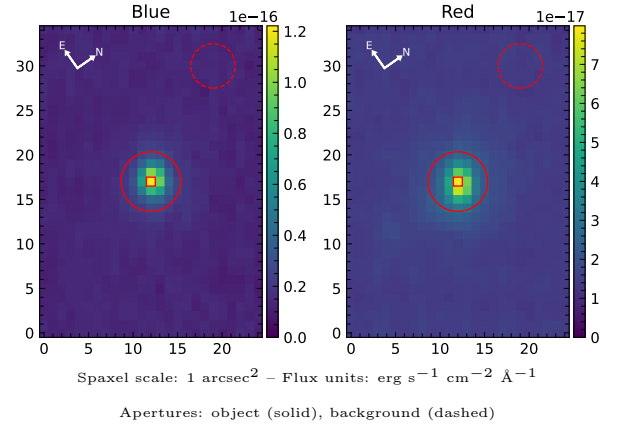


LEDA 3096174

Spectrum ID	104098093_sp1	Spectrum type	Sy 1.2
Alt name	g1240283-230927	Quality flag	good
z	0.0963	AGN reference	6dFGS
RA, Dec	190.1180, -23.1574	MW $E(B - V)$	0.057
MJD	60081.47	Power law α_ν	-0.11 ± 0.11
SNR/ \AA B/R	18.1/20.6	$\log L_{5100, \text{AGN}}$	43.96 ± 0.02
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.49 ± 0.02
SMSS ID	104098093	$\log M_{L5100}/M_\odot$	8.38 ± 0.03
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	8.12 ± 0.02
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.68 ± 0.08	$\log M_{\text{H}\beta}/M_\odot$	8.30 ± 0.03
2MASS K_{ext}	12.55 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	8.23 ± 0.03



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.84 ± 0.37	330 ± 63	178 ± 26	0.28 ± 0.20
Hγ Broad	41.38 ± 0.05	3565 ± 71	1171 ± 25	9.78 ± 0.57
[O III] 4364	40.06 ± 0.24	272 ± 63	114 ± 25	0.47 ± 0.15
He II Narrow	39.52 ± 0.46	272 ± 63	114 ± 25	0.16 ± 0.15
He II Broad	39.86 ± 0.44	1180 ± 62	501 ± 25	0.34 ± 0.31
H β Narrow	40.76 ± 0.06	330 ± 63	179 ± 26	2.91 ± 0.26
Hβ Broad	41.95 ± 0.02	5591 ± 169	2104 ± 33	45.08 ± 0.89
[O III] 5007	41.46 ± 0.01	330 ± 63	179 ± 26	15.36 ± 0.29
He I Narrow	39.91 ± 0.22	272 ± 63	114 ± 25	0.59 ± 0.19
He I Broad	41.50 ± 0.04	8336 ± 69	3540 ± 28	22.88 ± 1.16
[O I] 6300	40.06 ± 0.16	272 ± 63	114 ± 25	0.97 ± 0.24
H α Narrow	41.40 ± 0.01	272 ± 63	114 ± 25	22.73 ± 0.32
Hα Broad	42.44 ± 0.01	4736 ± 71	1748 ± 25	246.48 ± 1.35
[N II] 6585	41.16 ± 0.02	272 ± 63	114 ± 25	13.12 ± 0.29
[S II] 6718	40.88 ± 0.03	272 ± 63	114 ± 25	7.12 ± 0.36
[S II] 6732	40.69 ± 0.04	272 ± 63	114 ± 25	4.67 ± 0.33

Emission Summary

H α broad SNR	13.85
H β broad SNR	5.12
H γ broad SNR	2.42
AGN frac	0.72
Host frac	0.28
$\log L_{5100, \text{Host}}$	43.56
Fe II/H β	0.79
Fe II/[O III]	2.46

Quality Flags

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