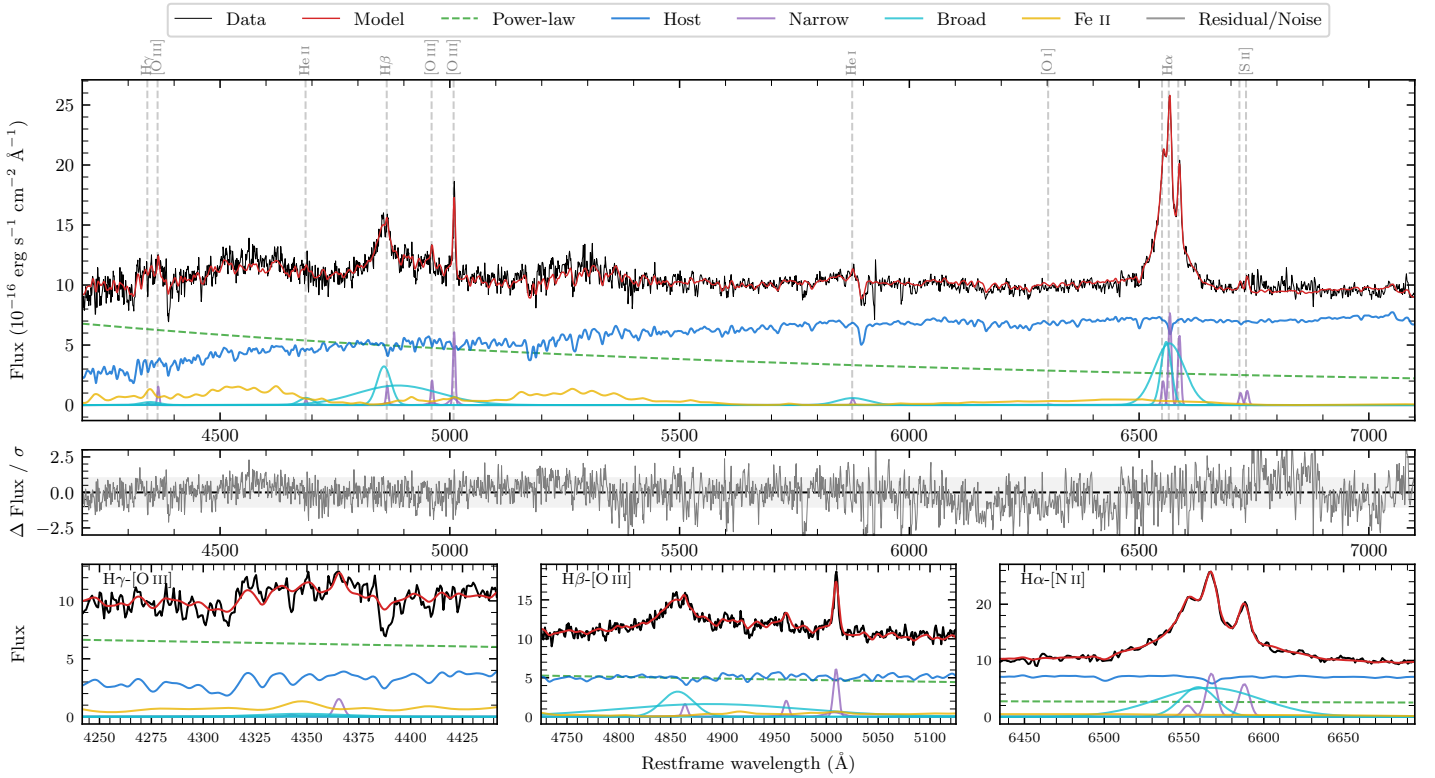
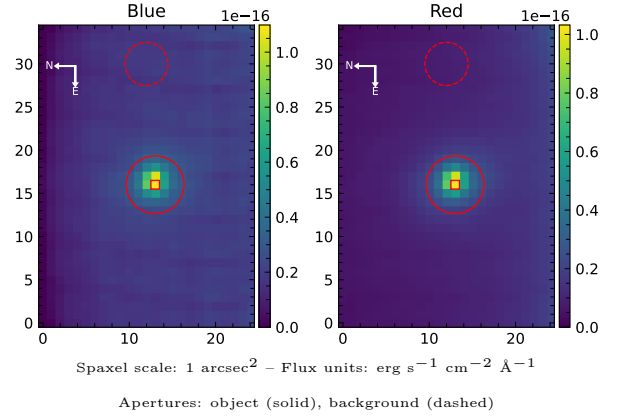


LEDA 182460

Spectrum ID	92497895_sp1	Spectrum type	Sy 1.2
Alt name	g1054208-092157	Quality flag	good
z	0.0634	AGN reference	6dFGS
RA, Dec	163.5869, -9.3657	MW $E(B - V)$	0.026
MJD	60018.57	Power law α_ν	0.12 ± 0.13
SNR/ \AA B/R	13.8/31.7	$\log L_{5100, \text{AGN}}$	43.35 ± 0.02
Obs airmass	1.08	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.38 ± 0.33
SMSS ID	92497895	$\log M_{L5100}/M_\odot$	7.31 ± 0.02
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.93 ± 0.03
SMSS $\langle r_6'' \text{ap} \rangle$	16.21 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.11 ± 0.16
2MASS K_{ext}	11.96 ± 0.11	$\log M_{[\text{O III}]} / M_\odot$	7.06 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	–	–	–	–
Hγ Broad	–	–	–	–
[O III] 4364	39.94 ± 0.19	352 ± 63	148 ± 25	1.42 ± 0.36
He II Narrow	39.43 ± 0.40	352 ± 63	148 ± 25	0.51 ± 0.35
He II Broad	–	–	–	–
H β Narrow	40.13 ± 0.15	372 ± 64	281 ± 56	2.76 ± 0.68
Hβ Broad	$41.10^{+0.60}_{-0.04}$	2202 ± 35	795 ± 25	26.14 ± 1.01
[O III] 5007	40.72 ± 0.05	372 ± 64	281 ± 56	11.41 ± 0.74
He I Narrow	39.61 ± 0.15	352 ± 63	148 ± 25	1.25 ± 0.26
He I Broad	40.71 ± 0.05	4036 ± 65	1714 ± 26	15.79 ± 0.94
[O I] 6300	–	–	–	–
H α Narrow	40.81 ± 0.02	352 ± 63	148 ± 25	25.33 ± 0.38
Hα Broad	41.77 ± 0.01	1911 ± 72	1044 ± 25	228.67 ± 1.17
[N II] 6585	40.69 ± 0.02	352 ± 63	148 ± 25	19.38 ± 0.36
[S II] 6718	39.94 ± 0.07	352 ± 63	148 ± 25	3.58 ± 0.36
[S II] 6732	40.01 ± 0.06	352 ± 63	148 ± 25	4.26 ± 0.39

Emission Summary

H α broad SNR	14.15
H β broad SNR	4.43
H γ broad SNR	0.63
AGN frac	0.47
Host frac	0.53
$\log L_{5100, \text{Host}}$	43.41
Fe II/H β	–
Fe II/[O III]	–

Quality Flags

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