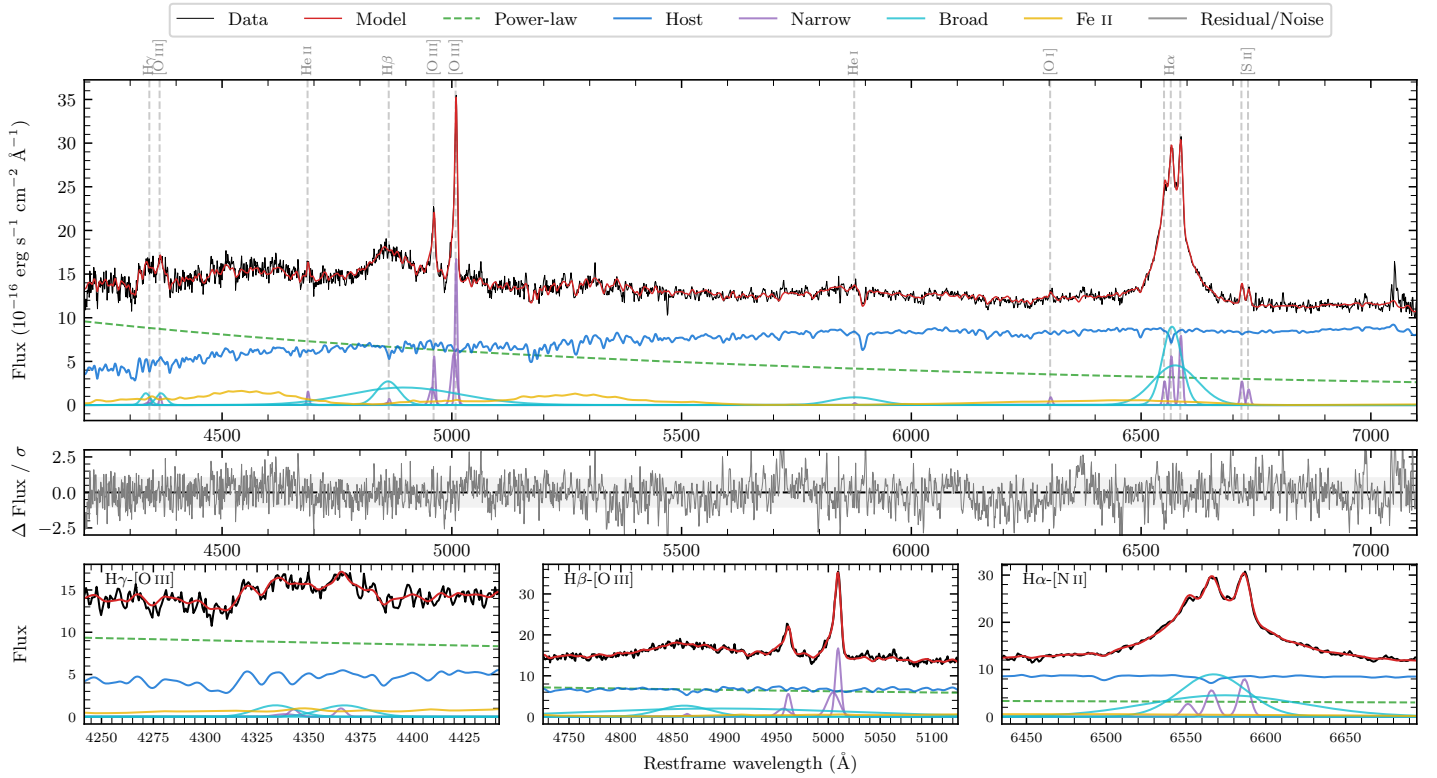
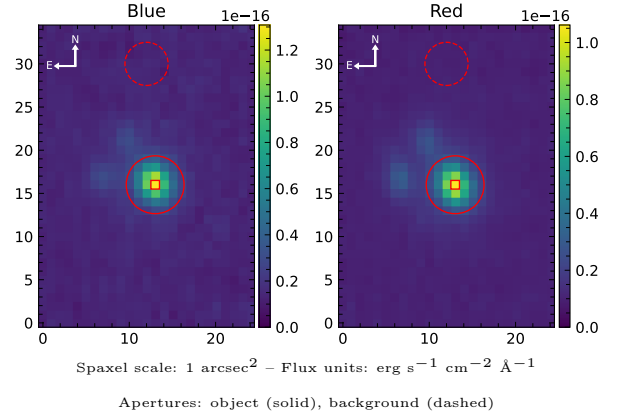


LEDA 767650

Spectrum ID	17699606_sp1	Spectrum type	Sy 1.5
Alt name	g0319486-262713	Quality flag	good
z	0.0785	AGN reference	6dFGS
RA, Dec	49.9524, -26.4535	MW $E(B - V)$	0.015
MJD	60223.65	Power law α_ν	0.47 ± 0.02
SNR/ \AA B/R	23.9/34.9	$\log L_{5100, \text{AGN}}$	43.66 ± 0.01
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.07 ± 0.35
SMSS ID	17699606	$\log M_{L5100}/M_\odot$	7.86 ± 0.02
Neighbour	5.8", 17699607	$\log M_{\text{H}\alpha}/M_\odot$	7.54 ± 0.02
SMSS $\langle r_{6'' \text{ap}} \rangle$	15.83 ± 0.06	$\log M_{\text{H}\beta}/M_\odot$	7.68 ± 0.17
2MASS K_{ext}	12.22 ± 0.06	$\log M_{[\text{O III}]} / M_\odot$	7.86 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.16 ± 0.21	446 ± 63	295 ± 26	1.08 ± 0.28
Hγ Broad	41.07 ± 0.06	3822 ± 525	1273 ± 36	8.86 ± 0.50
[O III] 4364	39.97 ± 0.23	373 ± 63	157 ± 25	0.70 ± 0.19
He II Narrow	40.20 ± 0.12	373 ± 63	157 ± 25	1.43 ± 0.23
He II Broad	—	—	—	—
H β Narrow	40.11 ± 0.19	446 ± 63	295 ± 26	1.29 ± 0.33
Hβ Broad	$41.43^{+0.67}_{-0.03}$	3546 ± 86	1313 ± 37	26.87 ± 0.75
[O III] 5007	41.50 ± 0.01	446 ± 63	295 ± 26	34.20 ± 0.42
He I Narrow	39.47 ± 0.30	373 ± 63	157 ± 25	0.47 ± 0.23
He I Broad	41.27 ± 0.03	6048 ± 117	2568 ± 49	29.10 ± 1.01
[O I] 6300	40.09 ± 0.08	373 ± 63	157 ± 25	2.30 ± 0.27
H α Narrow	40.90 ± 0.03	373 ± 63	157 ± 25	16.46 ± 0.40
Hα Broad	42.22 ± 0.01	2824 ± 71	1327 ± 25	348.49 ± 1.41
[N II] 6585	41.05 ± 0.02	373 ± 63	157 ± 25	23.67 ± 0.39
[S II] 6718	40.59 ± 0.04	373 ± 63	157 ± 25	8.59 ± 0.44
[S II] 6732	40.42 ± 0.04	373 ± 63	157 ± 25	5.80 ± 0.43

Emission Summary

H α broad SNR	22.97
H β broad SNR	4.63
H γ broad SNR	2.58
AGN frac	0.48
Host frac	0.52
$\log L_{5100, \text{Host}}$	43.70
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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