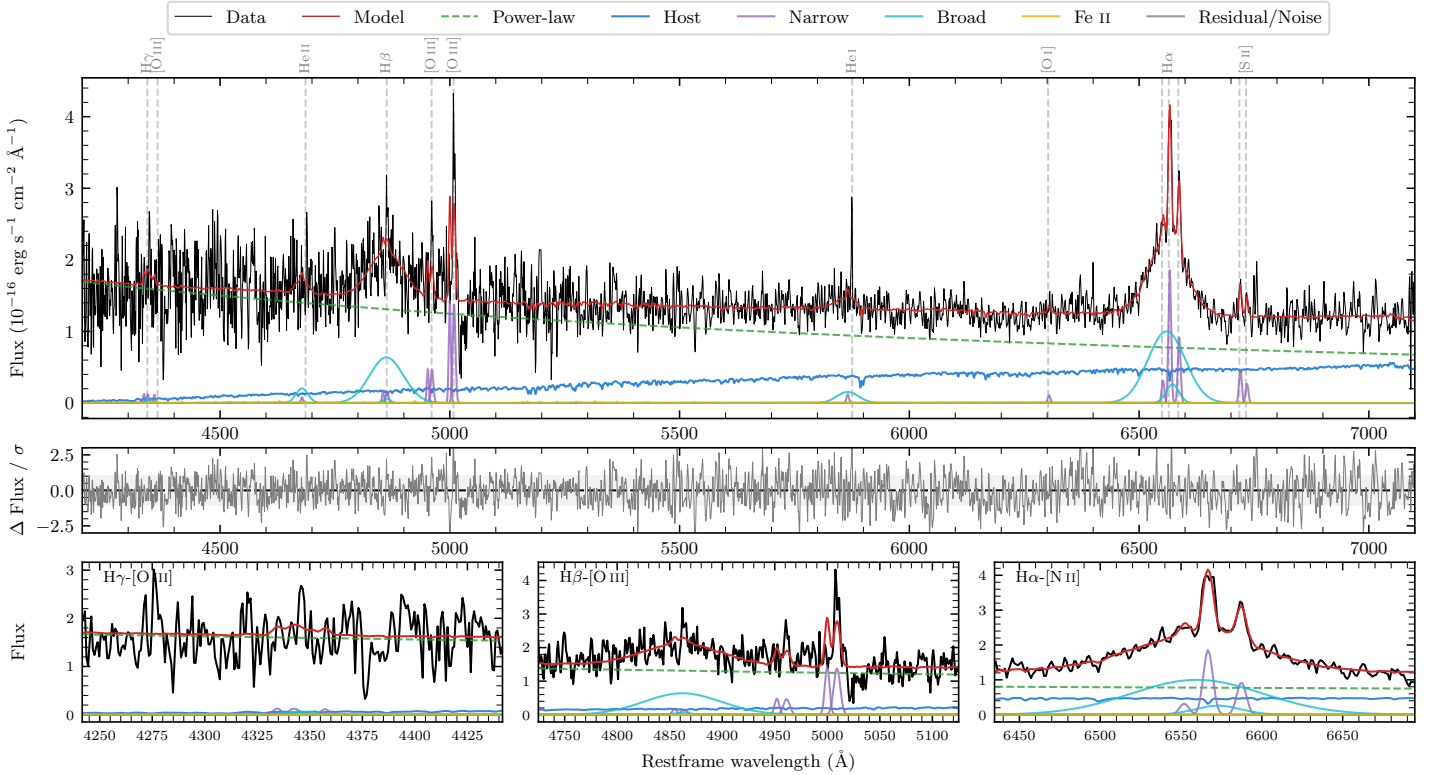
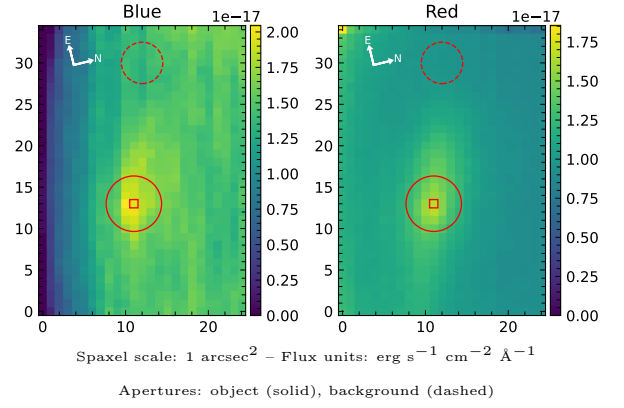


LEDA 931842

Spectrum ID	14500904_sp1	Spectrum type	Bad
Alt name	g0209537-135321	Quality flag	bad_all
z	0.0728	AGN reference	6dFGS
RA, Dec	32.4739, -13.8892	MW $E(B - V)$	0.022
MJD	59905.51	Power law α_ν	-0.25 ± 0.17
SNR/ \AA B/R	4.2/8.9	$\log L_{5100, \text{AGN}}$	42.90 ± 0.01
Obs airmass	1.05	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.51 ± 0.07
SMSS ID	14500904	$\log M_{L5100}/M_\odot$	7.82 ± 0.06
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.16 ± 0.06
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.41 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.74 ± 0.07
2MASS K_{ext}	12.90 ± 0.11	$\log M_{[\text{O III}]} / M_\odot$	7.61 ± 0.08



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.30 ± 0.47	—	320 ± 25	0.97 ± 0.91
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	—	—	—	—
He II Broad	39.97 ± 0.24	1974 ± 62	838 ± 25	5.11 ± 1.68
H β Narrow	39.45 ± 0.43	—	320 ± 25	1.69 ± 0.88
Hβ Broad	40.92 ± 0.05	4968 ± 306	1942 ± 28	49.07 ± 3.45
[O III] 5007	40.41 ± 0.05	—	320 ± 25	16.03 ± 1.98
He I Narrow	39.05 ± 0.34	317 ± 62	133 ± 25	0.91 ± 0.50
He I Broad	40.10 ± 0.11	2809 ± 62	1193 ± 25	10.31 ± 1.29
[O I] 6300	39.03 ± 0.30	317 ± 62	133 ± 25	0.99 ± 0.42
H α Narrow	40.27 ± 0.03	317 ± 62	133 ± 25	18.78 ± 0.53
Hα Broad	41.19 ± 0.01	3777 ± 196	1536 ± 26	153.76 ± 2.09
[N II] 6585	39.97 ± 0.04	317 ± 62	133 ± 25	9.45 ± 0.51
[S II] 6718	39.69 ± 0.08	317 ± 62	133 ± 25	5.12 ± 0.54
[S II] 6732	39.45 ± 0.14	317 ± 62	133 ± 25	2.94 ± 0.54

Emission Summary

H α broad SNR	3.62
H β broad SNR	2.13
H γ broad SNR	0.48
AGN frac	0.86
Host frac	0.14
$\log L_{5100, \text{Host}}$	42.12
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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