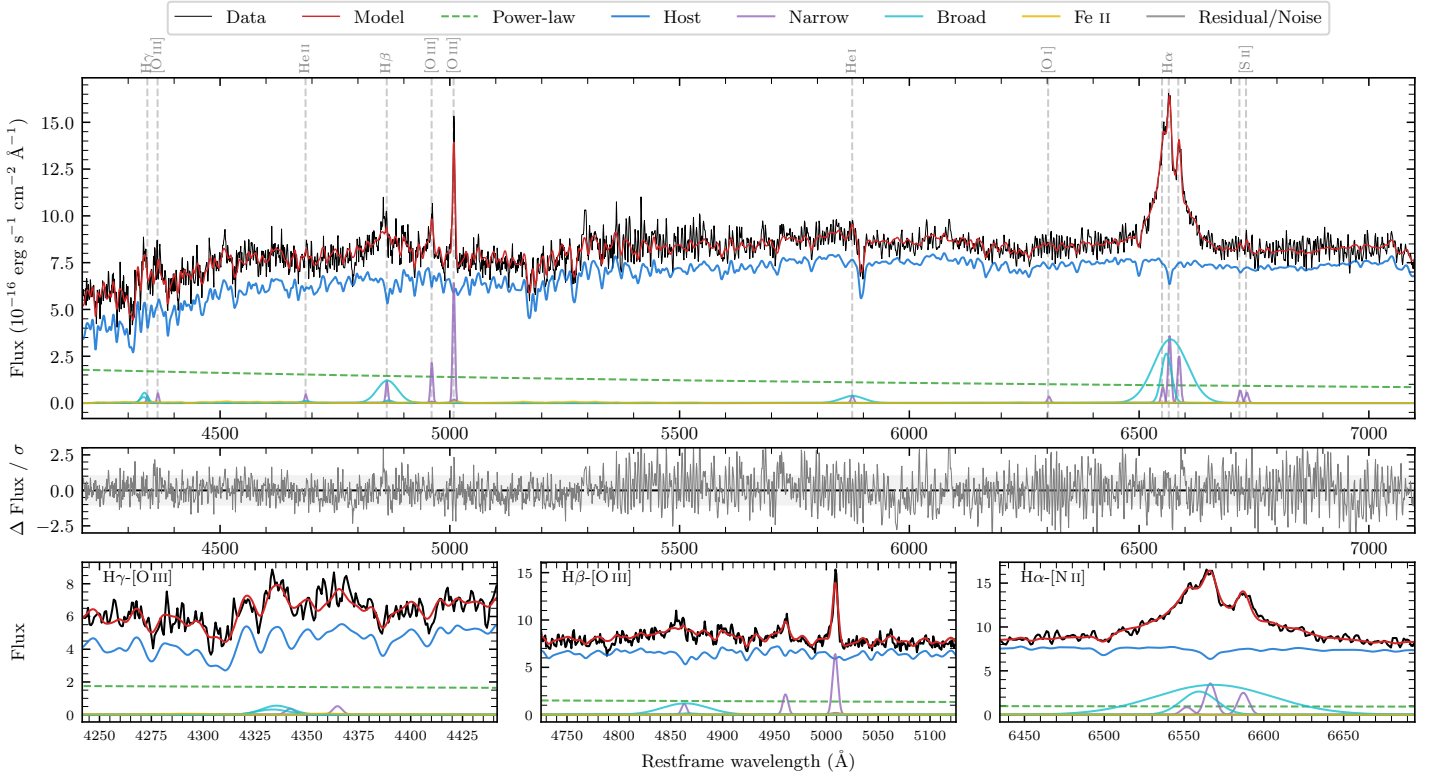
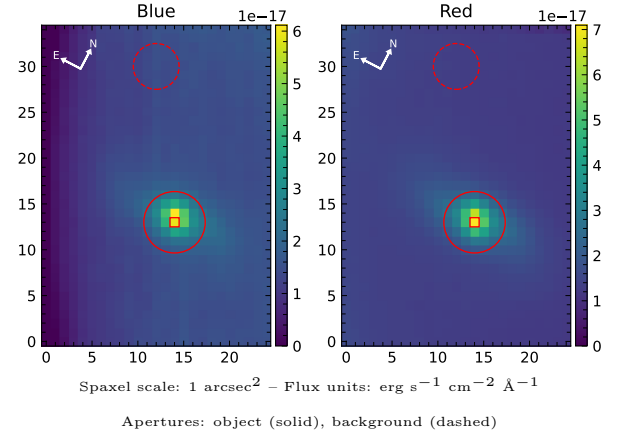


LEDA 126151

Spectrum ID	110289360_sp2	Spectrum type	Sy 1.5
Alt name	g1405149-025901	Quality flag	good
z	0.0540	AGN reference	6dFGS
RA, Dec	211.3119, -2.9837	MW $E(B - V)$	0.067
MJD	59671.59	Power law α_ν	-0.59 ± 0.33
SNR/ \AA B/R	12.7/26.5	$\log L_{5100, \text{AGN}}$	42.68 ± 0.06
Obs airmass	1.19	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.20 ± 0.06
SMSS ID	110289360	$\log M_{L5100}/M_\odot$	7.28 ± 0.07
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.88 ± 0.05
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.51 ± 0.02	$\log M_{\text{H}\beta}/M_\odot$	7.19 ± 0.08
2MASS K_{ext}	12.52 ± 0.11	$\log M_{[\text{O III}]} / M_\odot$	7.22 ± 0.08



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.22 ± 0.41	371 ± 63	164 ± 27	1.38 ± 1.20
Hγ Broad	40.12 ± 0.13	1211 ± 68	388 ± 25	10.03 ± 1.89
[O III] 4364	39.33 ± 0.33	368 ± 63	155 ± 25	1.85 ± 0.96
He II Narrow	39.30 ± 0.36	368 ± 63	155 ± 25	1.93 ± 0.97
He II Broad	39.30 ± 0.49	1489 ± 63	632 ± 25	1.92 ± 1.91
H β Narrow	39.76 ± 0.15	371 ± 63	164 ± 27	5.58 ± 1.20
Hβ Broad	40.71 ± 0.05	2964 ± 218	1143 ± 29	50.81 ± 2.99
[O III] 5007	40.51 ± 0.03	371 ± 63	164 ± 27	33.45 ± 1.33
He I Narrow	39.34 ± 0.23	368 ± 63	155 ± 25	2.88 ± 0.79
He I Broad	40.24 ± 0.09	3021 ± 63	1283 ± 25	22.90 ± 2.33
[O I] 6300	39.31 ± 0.21	368 ± 63	155 ± 25	2.97 ± 0.85
H α Narrow	40.34 ± 0.03	368 ± 63	155 ± 25	33.86 ± 1.11
Hα Broad	41.45 ± 0.01	2268 ± 120	1250 ± 25	428.67 ± 3.47
[N II] 6585	40.19 ± 0.04	368 ± 63	155 ± 25	23.98 ± 1.09
[S II] 6718	39.62 ± 0.11	368 ± 63	155 ± 25	6.66 ± 1.00
[S II] 6732	39.55 ± 0.13	368 ± 63	155 ± 25	5.61 ± 0.99

Emission Summary

H α broad SNR	10.35
H β broad SNR	2.41
H γ broad SNR	1.69
AGN frac	0.18
Host frac	0.82
$\log L_{5100, \text{Host}}$	43.35
Fe II/H β	0.21
Fe II/[O III]	0.33

Quality Flags

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