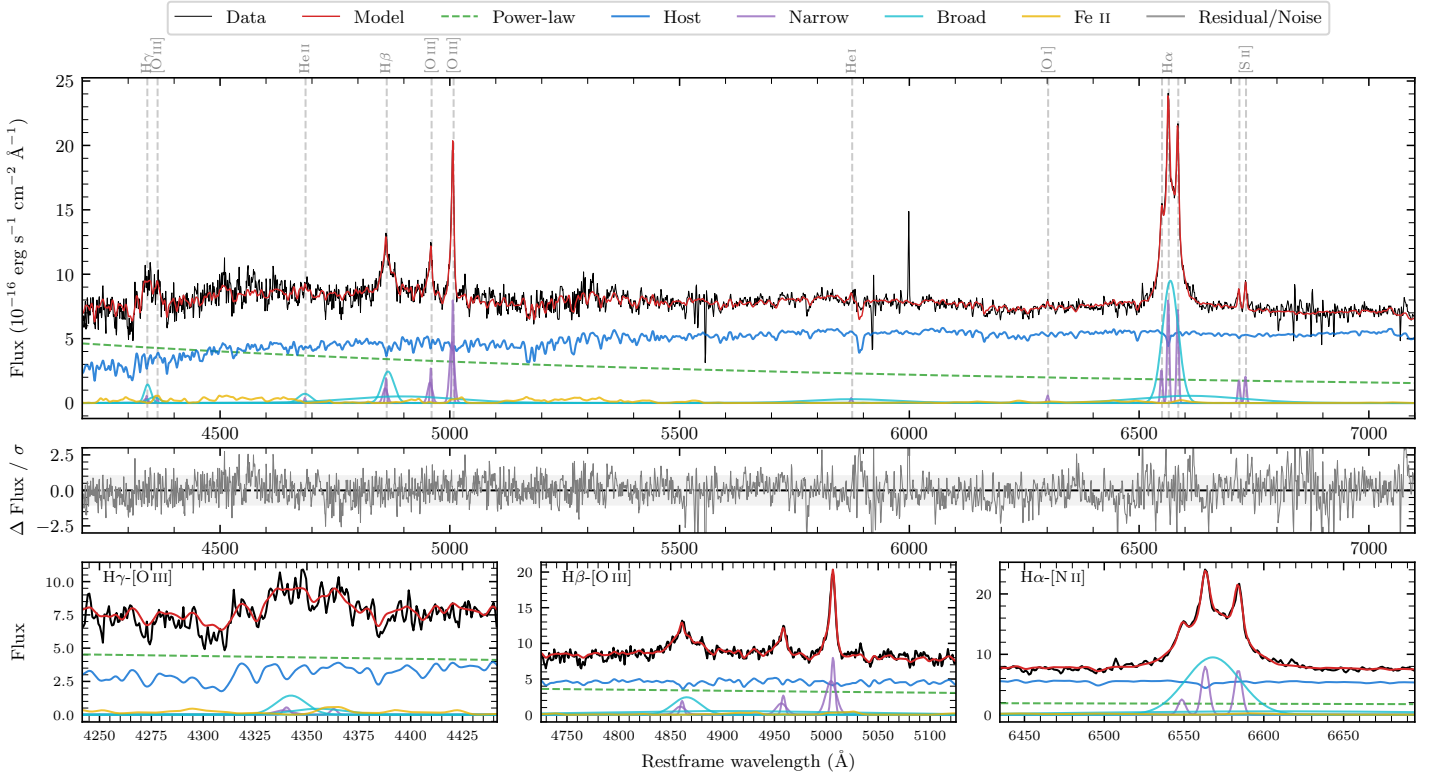
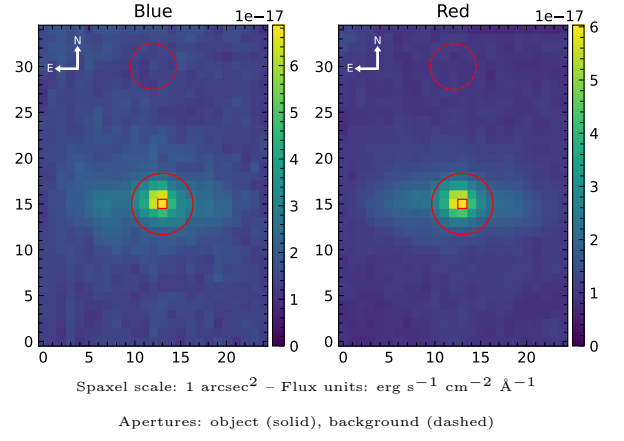


LEDA 132951

Spectrum ID	11026402_sp1	Spectrum type	Sy 1.2
Alt name	g0225363-273048	Quality flag	good
z	0.0641	AGN reference	6dFGS
RA, Dec	36.4015, -27.5133	MW $E(B - V)$	0.014
MJD	60258.51	Power law α_ν	0.09 ± 0.21
SNR/ \AA B/R	13.3/23.7	$\log L_{5100, \text{AGN}}$	43.20 ± 0.03
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.38 ± 0.04
SMSS ID	11026402	$\log M_{L5100}/M_\odot$	7.23 ± 0.04
Neighbour	9.1", 2019701720	$\log M_{\text{H}\alpha}/M_\odot$	6.93 ± 0.03
SMSS $\langle r_{6'' \text{ap}} \rangle$	16.68 ± 0.05	$\log M_{\text{H}\beta}/M_\odot$	7.23 ± 0.05
2MASS K_{ext}	11.65 ± 0.11	$\log M_{[\text{O III}]} / M_\odot$	7.19 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.80 ± 0.33	348 ± 65	259 ± 28	1.44 ± 0.58
Hγ Broad	40.65 ± 0.09	1373 ± 175	590 ± 72	10.10 ± 1.02
[O III] 4364	39.27 ± 0.42	259 ± 63	108 ± 25	0.43 ± 0.35
He II Narrow	39.26 ± 0.39	259 ± 63	108 ± 25	0.50 ± 0.41
He II Broad	40.44 ± 0.11	2161 ± 87	918 ± 36	7.45 ± 1.04
H β Narrow	40.39 ± 0.07	348 ± 65	259 ± 28	7.08 ± 0.63
Hβ Broad	41.40 ± 0.04	2172 ± 98	4085 ± 145	73.49 ± 3.38
[O III] 5007	41.02 ± 0.02	348 ± 65	259 ± 28	32.08 ± 0.69
He I Narrow	39.36 ± 0.23	259 ± 63	108 ± 25	0.99 ± 0.35
He I Broad	40.88 ± 0.06	11347 ± 79	4818 ± 33	32.94 ± 2.55
[O I] 6300	39.55 ± 0.13	259 ± 63	108 ± 25	1.78 ± 0.35
H α Narrow	40.70 ± 0.02	259 ± 63	108 ± 25	27.59 ± 0.53
Hα Broad	41.78 ± 0.01	1910 ± 64	1194 ± 39	332.48 ± 3.30
[N II] 6585	40.67 ± 0.02	259 ± 63	108 ± 25	25.88 ± 0.53
[S II] 6718	40.05 ± 0.05	259 ± 63	108 ± 25	6.44 ± 0.44
[S II] 6732	40.13 ± 0.04	259 ± 63	108 ± 25	7.69 ± 0.46

Emission Summary

H α broad SNR	16.46
H β broad SNR	4.83
H γ broad SNR	2.84
AGN frac	0.42
Host frac	0.58
$\log L_{5100, \text{Host}}$	43.34
Fe II/H β	0.42
Fe II/[O III]	1.01

Quality Flags

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