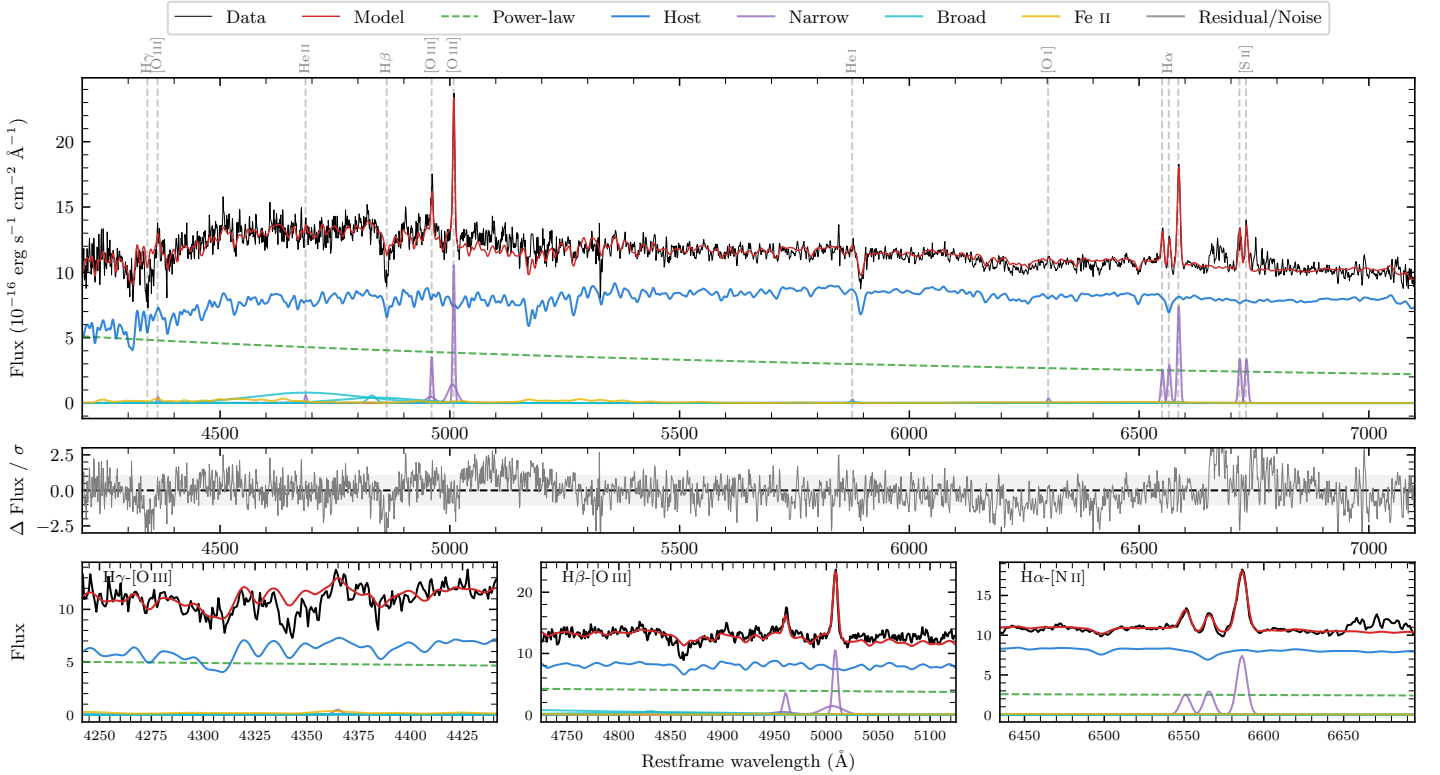
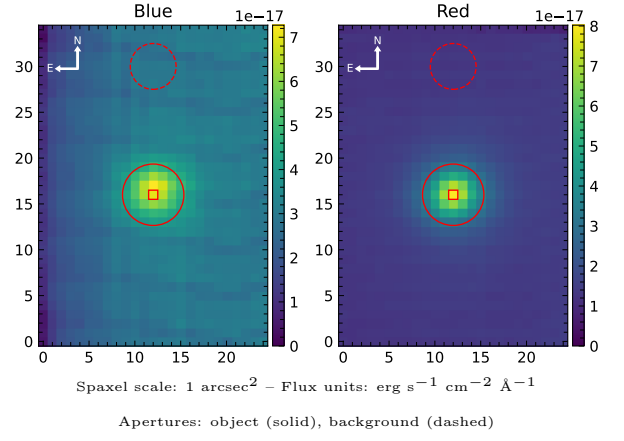


LEDA 790793

Spectrum ID	99454792_sp1	Spectrum type	SF
Alt name	g1345279-242136	Quality flag	good
z	0.0776	AGN reference	6dFGS
RA, Dec	206.3662, -24.3600	MW $E(B - V)$	0.062
MJD	60402.64	Power law α_ν	-0.40 ± 0.11
SNR/ \AA B/R	17.4/25.6	$\log L_{5100, \text{AGN}}$	43.45 ± 0.02
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	—
SMSS ID	99454792	$\log M_{L5100}/M_\odot$	—
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	—
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.88 ± 0.03	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	12.07 ± 0.08	$\log M_{[\text{O III}]} / M_\odot$	—



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	39.59 ± 0.41	335 ± 62	141 ± 25	0.56 ± 0.42
He II Narrow	39.72 ± 0.31	335 ± 62	141 ± 25	0.84 ± 0.40
He II Broad	41.57 ± 0.06	17660 ± 62	7500 ± 25	59.04 ± 3.33
H β Narrow	—	—	—	—
Hβ Broad	—	—	—	—
[O III] 5007	41.19 ± 0.03	365 ± 63	385 ± 35	27.48 ± 0.97
He I Narrow	39.50 ± 0.38	335 ± 62	141 ± 25	0.72 ± 0.37
He I Broad	—	—	—	—
[O I] 6300	39.64 ± 0.25	335 ± 62	141 ± 25	1.11 ± 0.39
H α Narrow	40.56 ± 0.04	335 ± 62	141 ± 25	9.91 ± 0.46
Hα Broad	—	—	—	—
[N II] 6585	40.96 ± 0.01	335 ± 62	141 ± 25	25.04 ± 0.47
[S II] 6718	40.63 ± 0.04	335 ± 62	141 ± 25	12.06 ± 0.61
[S II] 6732	40.63 ± 0.03	335 ± 62	141 ± 25	12.12 ± 0.61

Emission Summary

H α broad SNR	0.23
H β broad SNR	0.00
H γ broad SNR	0.00
AGN frac	0.33
Host frac	0.67
$\log L_{5100, \text{Host}}$	43.77
Fe II/H β	—
Fe II/[O III]	0.75

Quality Flags

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