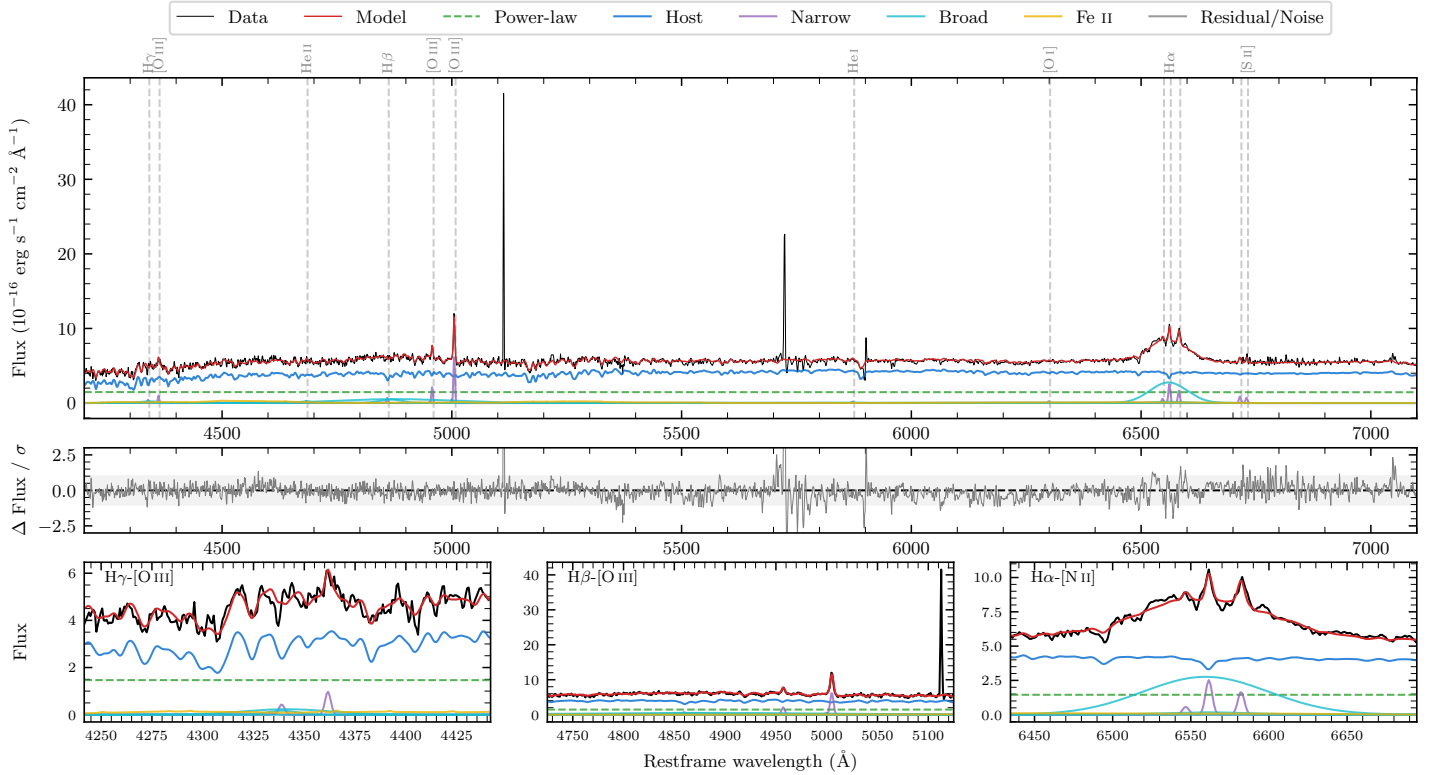
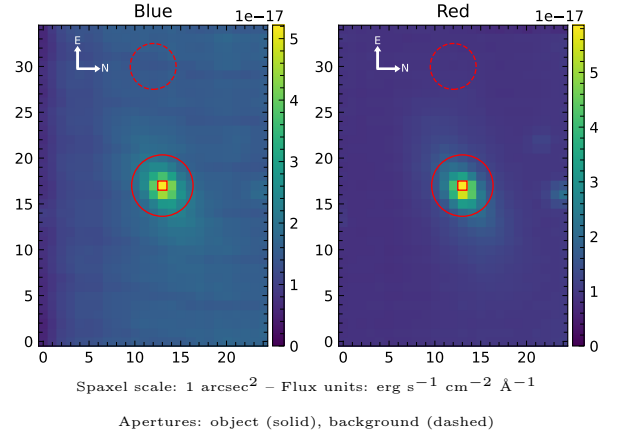


LEDA 938333

Spectrum ID	106220662_sp1	Spectrum type	Sy 1.2+
Alt name	g1230110-132440	Quality flag	good
z	0.0673	AGN reference	6dFGS
RA, Dec	187.5457, -13.4113	MW $E(B - V)$	0.041
MJD	60351.69	Power law α_ν	-1.98 ± 0.02
SNR/ \AA B/R	8.2/13.5	$\log L_{5100, \text{AGN}}$	42.92 ± 0.08
Obs airmass	1.06	$\log H\beta_{\text{Br}}/[\text{O III}]$	< 0.33
SMSS ID	106220662	$\log M_{L5100}/M_\odot$	—
Neighbour	10.3", 1132029781	$\log M_{\text{H}\alpha}/M_\odot$	7.48 ± 0.03
SMSS $\langle r_{6'' \text{ap}} \rangle$	16.94 ± 0.04	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	12.49 ± 0.17	$\log M_{[\text{O III}]} / M_\odot$	—



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.30 ± 0.44	235 ± 62	123 ± 30	1.20 ± 1.08
Hγ Broad	—	—	—	—
[O III] 4364	39.61 ± 0.27	232 ± 62	96 ± 25	2.50 ± 0.96
He II Narrow	—	—	—	—
He II Broad	—	—	—	—
H β Narrow	39.55 ± 0.32	235 ± 62	123 ± 30	2.16 ± 1.12
Hβ Broad	< 40.85	—	—	—
[O III] 5007	40.52 ± 0.04	235 ± 62	124 ± 30	20.20 ± 1.04
He I Narrow	39.02 ± 0.47	232 ± 62	96 ± 25	0.64 ± 0.60
He I Broad	—	—	—	—
[O I] 6300	39.16 ± 0.41	232 ± 62	96 ± 25	0.89 ± 0.59
H α Narrow	40.20 ± 0.06	232 ± 62	96 ± 25	9.83 ± 0.68
Hα Broad	41.54 ± 0.01	4241 ± 94	1582 ± 26	214.20 ± 3.19
[N II] 6585	40.02 ± 0.09	232 ± 62	96 ± 25	6.53 ± 0.72
[S II] 6718	39.76 ± 0.15	232 ± 62	96 ± 25	3.53 ± 0.73
[S II] 6732	39.66 ± 0.23	232 ± 62	96 ± 25	2.81 ± 0.81

Emission Summary

H α broad SNR	4.47
H β broad SNR	0.70
H γ broad SNR	0.00
AGN frac	0.28
Host frac	0.72
$\log L_{5100, \text{Host}}$	43.33
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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