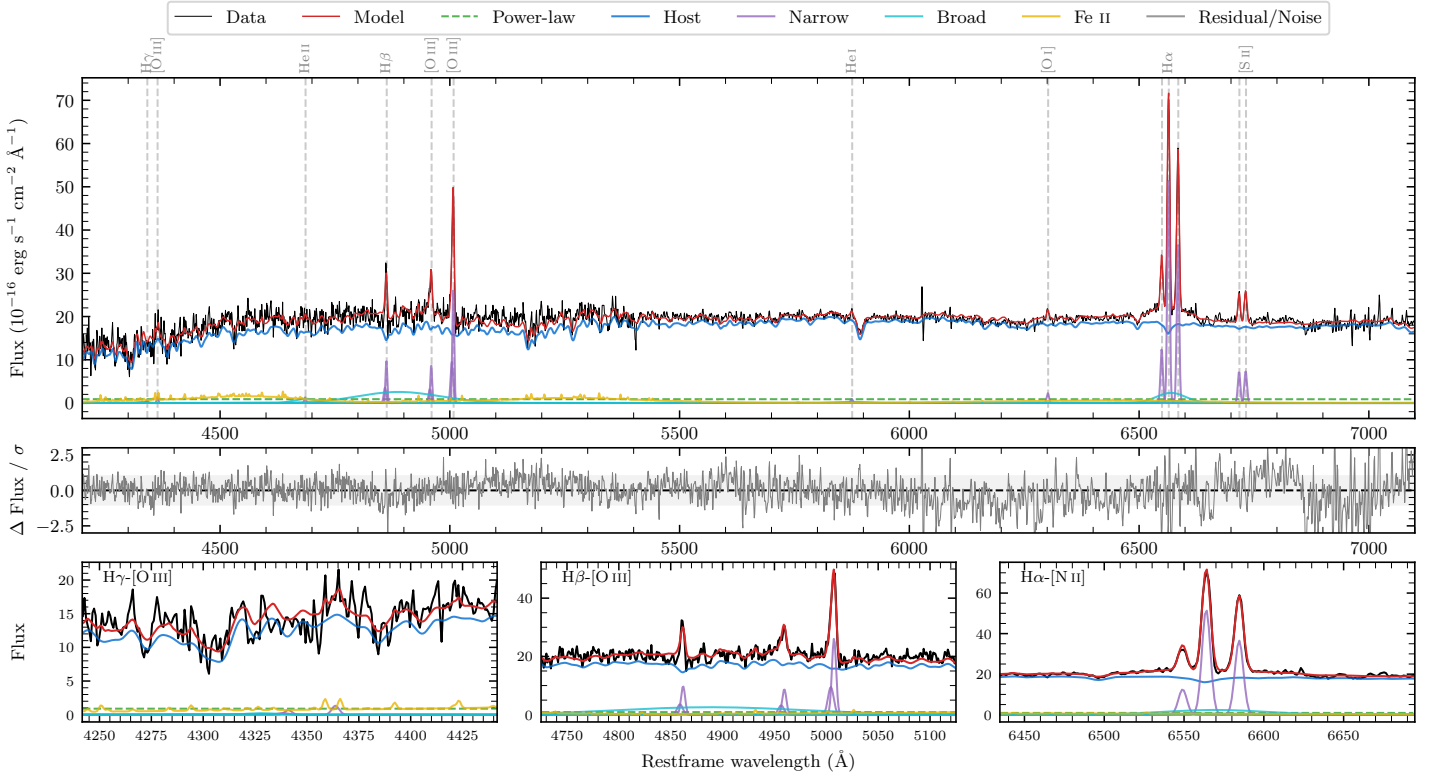
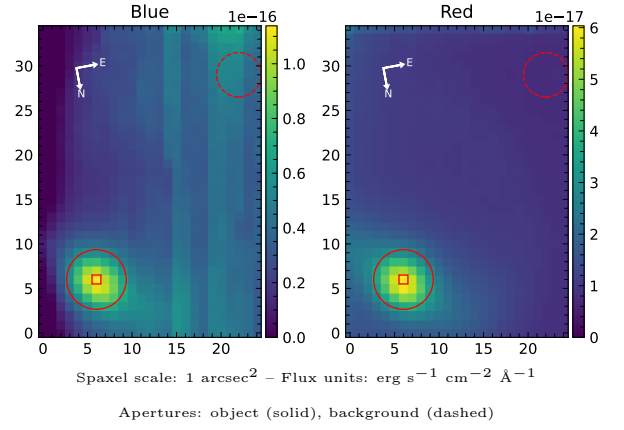


ESO 365-5

Spectrum ID	31786125_sp1	Spectrum type	Sy 1.5+
Alt name	g0618453-351815	Quality flag	good
z	0.0450	AGN reference	6dFGS
RA, Dec	94.6886, -35.3041	MW $E(B-V)$	0.037
MJD	59193.69	Power law α_ν	-1.96 ± 0.05
SNR/ \AA B/R	8.5/28.2	$\log L_{5100, \text{AGN}}$	42.34 ± 0.16
Obs airmass	1.05	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -0.20
SMSS ID	31786125	$\log M_{L5100}/M_\odot$	—
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.97 ± 0.05
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.30 ± 0.04	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	10.78 ± 0.06	$\log M_{[\text{O III}]} / M_\odot$	—



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	39.47 ± 0.45	287 ± 62	121 ± 25	6.89 ± 6.57
He II Narrow	39.49 ± 0.42	287 ± 62	121 ± 25	7.28 ± 5.54
He II Broad	—	—	—	—
H β Narrow	40.56 ± 0.06	339 ± 64	162 ± 25	84.55 ± 6.46
Hβ Broad	< 40.80	—	—	—
[O III] 5007	41.00 ± 0.02	339 ± 64	162 ± 25	232.88 ± 6.26
He I Narrow	39.45 ± 0.22	287 ± 62	121 ± 25	6.63 ± 1.85
He I Broad	40.01 ± 0.24	3484 ± 63	1480 ± 25	24.31 ± 6.43
[O I] 6300	39.86 ± 0.08	287 ± 62	121 ± 25	17.17 ± 1.92
H α Narrow	41.24 ± 0.01	287 ± 62	121 ± 25	409.55 ± 2.52
Hα Broad	41.05 ± 0.03	3332 ± 91	1232 ± 30	266.39 ± 7.35
[N II] 6585	41.09 ± 0.01	287 ± 62	121 ± 25	289.55 ± 2.62
[S II] 6718	40.39 ± 0.03	287 ± 62	121 ± 25	58.54 ± 2.07
[S II] 6732	40.40 ± 0.02	287 ± 62	121 ± 25	59.30 ± 1.99

Emission Summary

H α broad SNR	1.52
H β broad SNR	0.00
H γ broad SNR	0.00
AGN frac	0.05
Host frac	0.95
$\log L_{5100, \text{Host}}$	43.60
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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