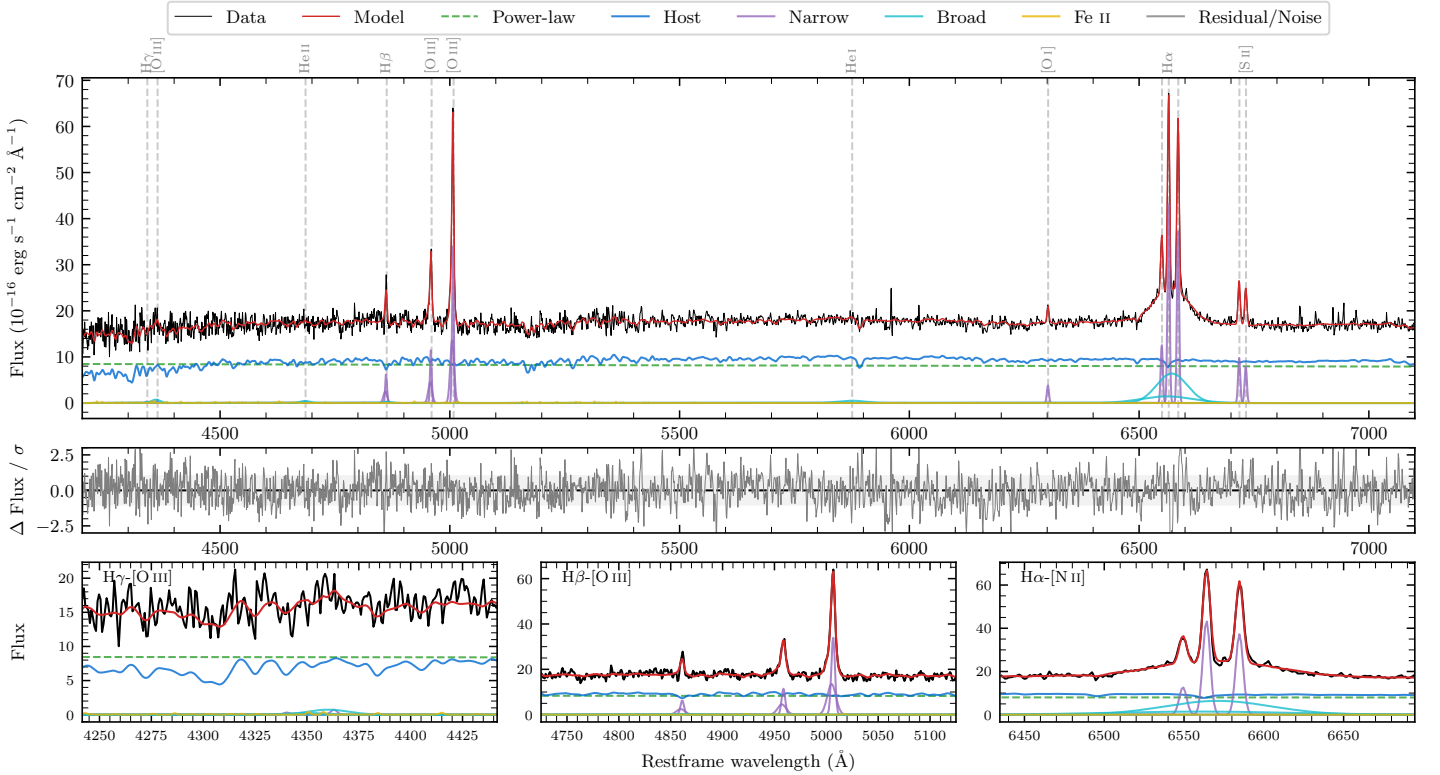
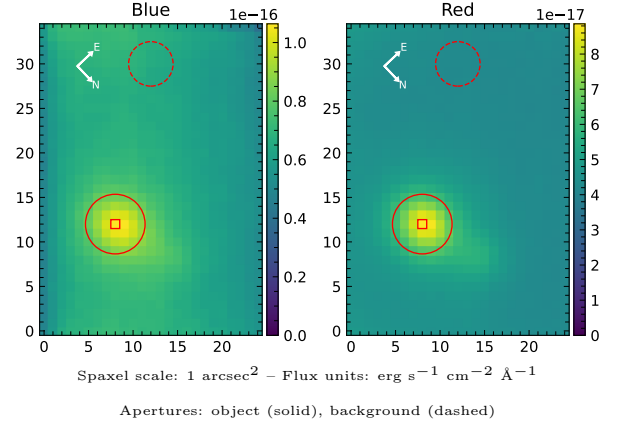


ESO 372–25

Spectrum ID	78249613_sp1	Spectrum type	Sy 1.8+
Alt name	g0926483–362609	Quality flag	good
z	0.0569	AGN reference	6dFGS
RA, Dec	141.7014, –36.4357	MW $E(B - V)$	0.138
MJD	59026.34	Power law α_ν	-1.87 ± 0.07
SNR/ \AA B/R	13.7/23.1	$\log L_{5100, \text{AGN}}$	43.51 ± 0.02
Obs airmass	1.27	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -0.61
SMSS ID	78249613	$\log M_{L5100}/M_\odot$	–
Neighbour	4.8", 2130901452	$\log M_{\text{H}\alpha}/M_\odot$	7.55 ± 0.02
SMSS $\langle r_6^{\text{ap}} \rangle$	15.62 ± 0.05	$\log M_{\text{H}\beta}/M_\odot$	–
2MASS K_{ext}	11.54 ± 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 (\AA)
H γ Narrow	–	–	–	–
Hγ Broad	–	–	–	–
[O III] 4364	39.37 ± 0.46	253 ± 62	107 ± 25	0.36 ± 0.34
He II Narrow	–	–	–	–
He II Broad	40.01 ± 0.34	1632 ± 63	693 ± 25	1.58 ± 0.76
H β Narrow	40.64 ± 0.05	309 ± 63	195 ± 25	6.73 ± 0.46
Hβ Broad	< 40.78	–	–	–
[O III] 5007	41.38 ± 0.01	309 ± 63	195 ± 25	37.63 ± 0.47
He I Narrow	–	–	–	–
He I Broad	40.50 ± 0.12	3590 ± 63	1524 ± 25	5.03 ± 0.77
[O I] 6300	40.25 ± 0.05	253 ± 62	107 ± 25	2.84 ± 0.21
H α Narrow	41.32 ± 0.01	253 ± 62	107 ± 25	33.60 ± 0.26
Hα Broad	41.78 ± 0.01	3865 ± 99	1527 ± 56	97.24 ± 1.16
[N II] 6585	41.25 ± 0.01	253 ± 62	107 ± 25	28.91 ± 0.27
[S II] 6718	40.68 ± 0.02	253 ± 62	107 ± 25	7.76 ± 0.24
[S II] 6732	40.60 ± 0.03	253 ± 62	107 ± 25	6.42 ± 0.25

Emission Summary

H α broad SNR	6.39
H β broad SNR	0.49
H γ broad SNR	0.00
AGN frac	0.49
Host frac	0.51
$\log L_{5100, \text{Host}}$	43.54
Fe II/H β	–
Fe II/[O III]	–

Quality Flags

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