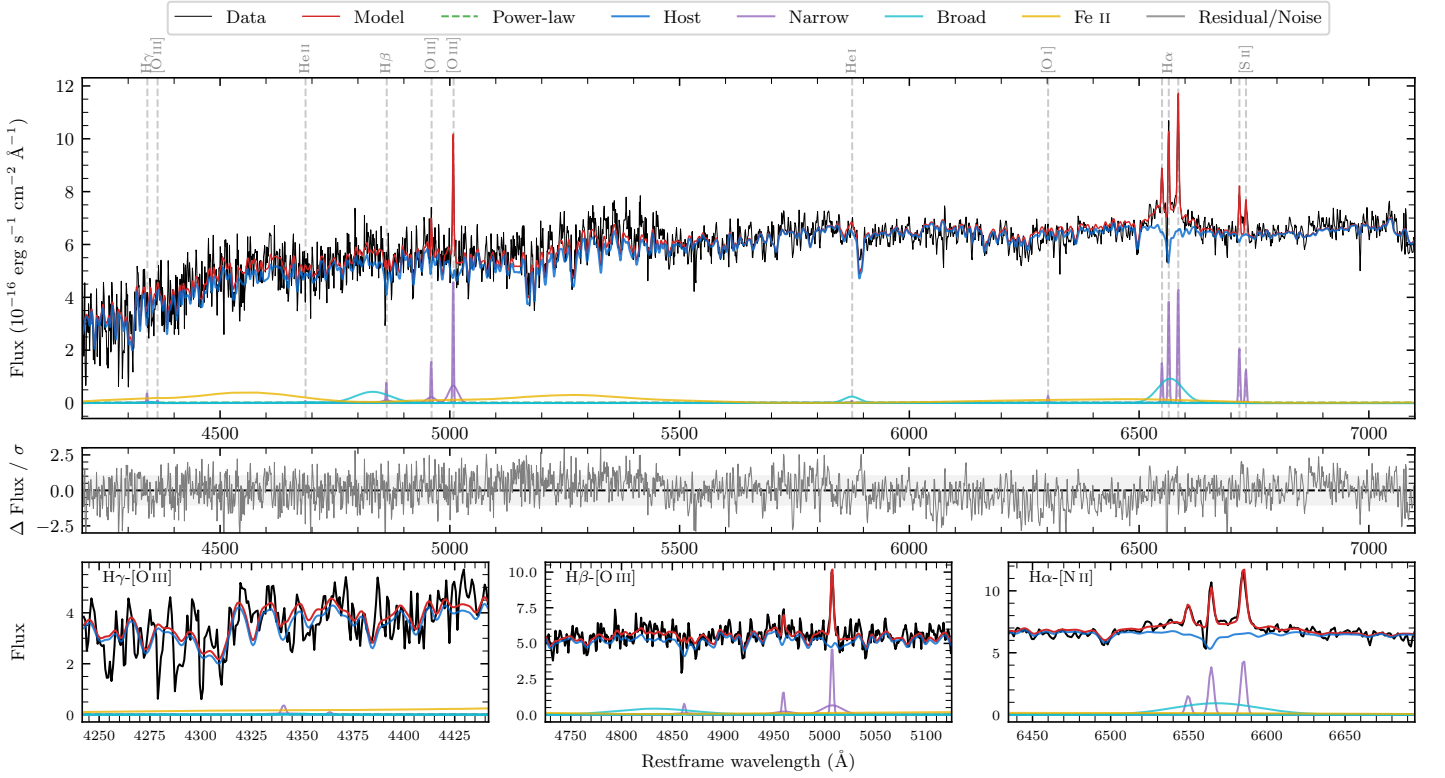
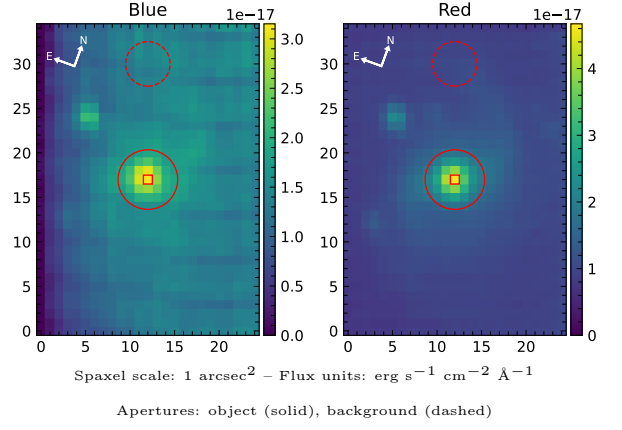


ESO 433-14

Spectrum ID	78936632_sp2	Spectrum type	Sy 1.5+
Alt name	g0919278-312202	Quality flag	good
z	0.0370	AGN reference	6dFGS
RA, Dec	139.8659, -31.3673	MW $E(B-V)$	0.161
MJD	60351.55	Power law α_ν	-1.98 ± 0.02
SNR/ \AA B/R	9.8/18.8	$\log L_{5100, \text{AGN}}$	40.48 ± 0.71
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	< 0.03
SMSS ID	78936632	$\log M_{L5100}/M_\odot$	—
Neighbour	8.6", 78936641	$\log M_{\text{H}\alpha}/M_\odot$	6.42 ± 0.07
SMSS $\langle r_{6'' \text{ap}} \rangle$	16.86 ± 0.09	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	11.53 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	—



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Angstroms)
H γ Narrow	—	—	—	—
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	—	—	—	—
He II Broad	—	—	—	—
H β Narrow	39.21 ± 0.18	207 ± 63	435 ± 39	271.60 ± 131.56
Hβ Broad	< 40.05	—	—	—
[O III] 5007	40.02 ± 0.06	207 ± 63	435 ± 39	1768.73 ± 140.01
He I Narrow	—	—	—	—
He I Broad	39.55 ± 0.16	2108 ± 62	895 ± 25	596.67 ± 122.08
[O I] 6300	38.55 ± 0.33	187 ± 62	75 ± 25	59.76 ± 35.65
H α Narrow	39.72 ± 0.03	187 ± 62	75 ± 25	882.77 ± 39.07
Hα Broad	40.33 ± 0.04	2923 ± 63	1071 ± 25	3587.08 ± 157.63
[N II] 6585	39.79 ± 0.03	187 ± 62	75 ± 25	1043.00 ± 42.32
[S II] 6718	39.47 ± 0.05	187 ± 62	75 ± 25	494.35 ± 38.59
[S II] 6732	39.25 ± 0.08	187 ± 62	75 ± 25	303.94 ± 40.75

Emission Summary

H α broad SNR	1.70
H β broad SNR	0.80
H γ broad SNR	0.00
AGN frac	0.00
Host frac	1.00
$\log L_{5100, \text{Host}}$	42.90
Fe II/H β	—
Fe II/[O III]	3.20

Quality Flags

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