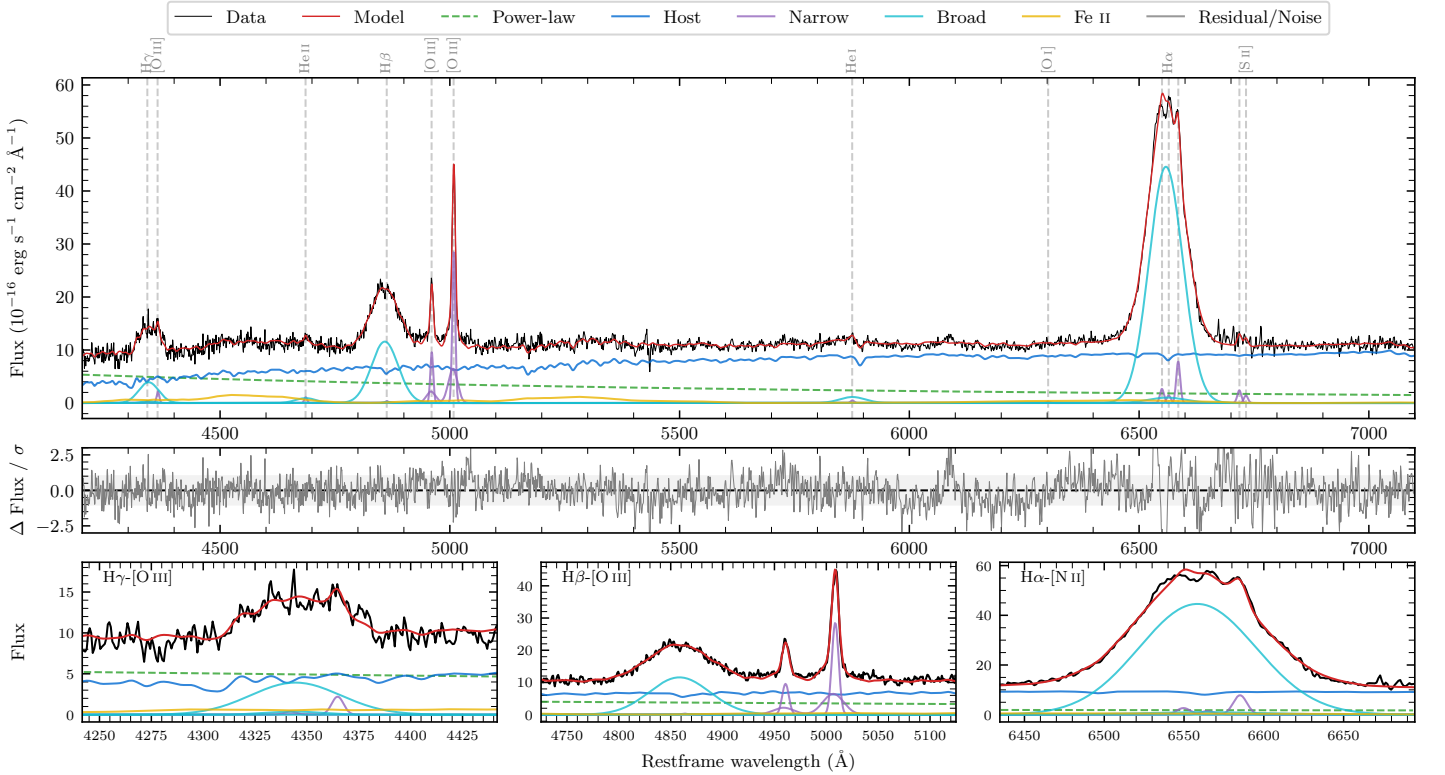
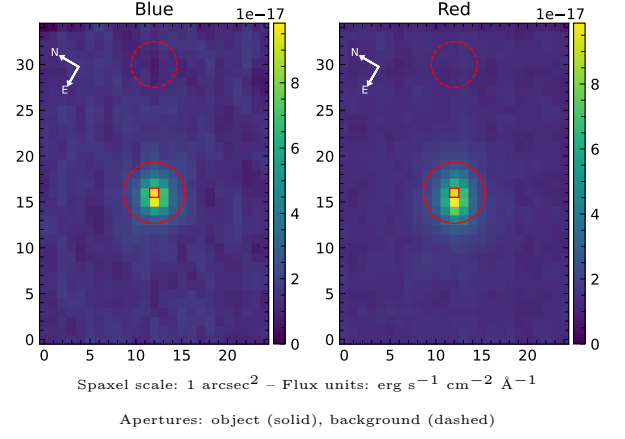


ESO 104-41

Spectrum ID	483434994_sp1	Spectrum type	Sy 1.2
Alt name	g1909389-622856	Quality flag	good
z	0.0853	AGN reference	6dFGS
RA, Dec	287.4120, -62.4821	MW $E(B-V)$	0.044
MJD	60082.68	Power law α_ν	0.42 ± 0.08
SNR/ \AA B/R	11.8/19.4	$\log L_{5100, \text{AGN}}$	43.49 ± 0.03
Obs airmass	1.20	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.34 ± 0.01
SMSS ID	483434994	$\log M_{L5100}/M_\odot$	7.93 ± 0.02
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	8.26 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.48 ± 0.08	$\log M_{\text{H}\beta}/M_\odot$	8.18 ± 0.01
2MASS K_{ext}	11.78 ± 0.06	$\log M_{[\text{O III}]} / M_\odot$	8.20 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.96 ± 0.46	526 ± 63	416 ± 27	1.03 ± 1.01
Hγ Broad	41.65 ± 0.03	3367 ± 157	1266 ± 38	49.76 ± 1.88
[O III] 4364	40.49 ± 0.14	463 ± 63	196 ± 25	3.51 ± 0.62
He II Narrow	40.21 ± 0.24	463 ± 63	196 ± 25	2.21 ± 0.67
He II Broad	41.00 ± 0.11	3351 ± 64	1423 ± 26	13.62 ± 1.80
H β Narrow	39.98 ± 0.43	526 ± 63	416 ± 27	1.40 ± 1.25
Hβ Broad	42.23 ± 0.01	4208 ± 58	1569 ± 25	246.75 ± 2.46
[O III] 5007	41.89 ± 0.01	526 ± 63	417 ± 27	123.22 ± 1.58
He I Narrow	39.98 ± 0.27	463 ± 63	196 ± 25	2.24 ± 0.94
He I Broad	41.19 ± 0.05	3329 ± 66	1414 ± 27	36.17 ± 2.26
[O I] 6300	39.64 ± 0.42	463 ± 63	196 ± 25	1.21 ± 0.96
H α Narrow	40.48 ± 0.15	463 ± 63	196 ± 25	9.24 ± 1.52
Hα Broad	42.91 ± 0.01	3946 ± 63	1462 ± 25	2503.13 ± 4.21
[N II] 6585	41.22 ± 0.03	463 ± 63	196 ± 25	50.94 ± 1.55
[S II] 6718	40.71 ± 0.07	463 ± 63	196 ± 25	16.62 ± 1.67
[S II] 6732	40.49 ± 0.10	463 ± 63	196 ± 25	10.04 ± 1.59

Emission Summary

H α broad SNR	47.37
H β broad SNR	12.30
H γ broad SNR	4.59
AGN frac	0.33
Host frac	0.67
$\log L_{5100, \text{Host}}$	43.79
Fe II/H β	0.40
Fe II/[O III]	0.86

Quality Flags

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