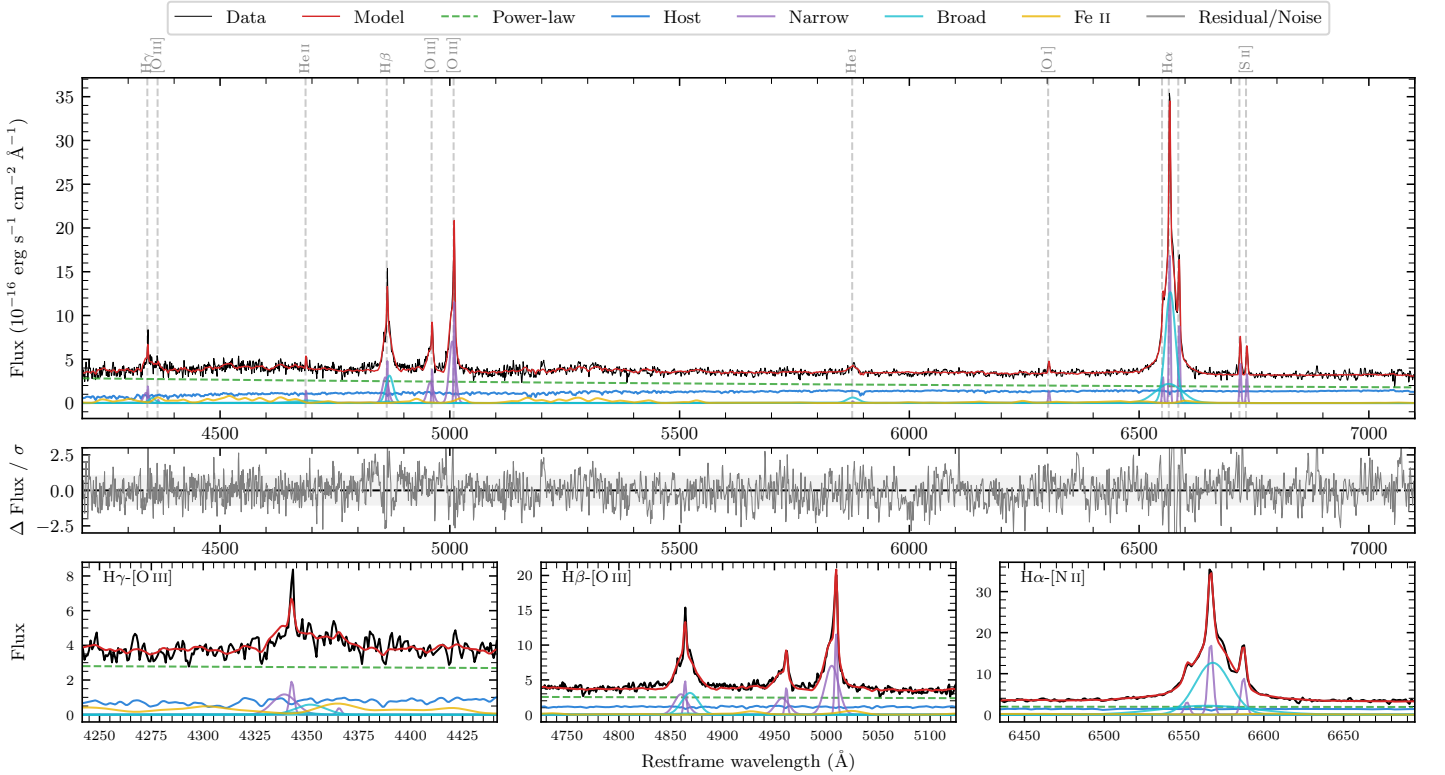
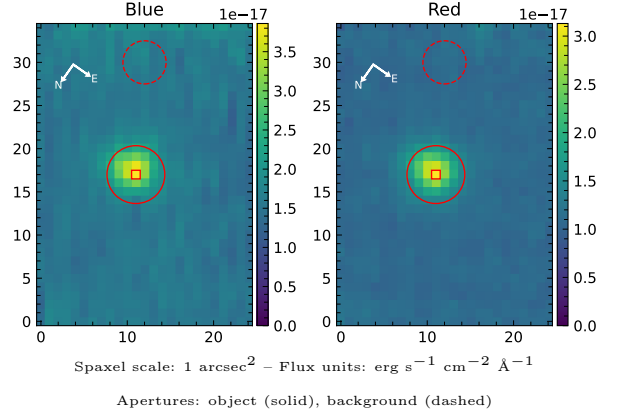


FIRST J000040.2–054101

Spectrum ID	13084102_sp1	Spectrum type	Sy 1.5
Alt name	g0000403–054101	Quality flag	good
z	0.0942	AGN reference	6dFGS
RA, Dec	0.1678, –5.6836	MW $E(B - V)$	0.029
MJD	60206.53	Power law α_ν	-1.13 ± 0.21
SNR/Å B/R	10.0/13.9	$\log L_{5100, \text{AGN}}$	43.43 ± 0.02
Obs airmass	1.21	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.34 ± 0.03
SMSS ID	13084102	$\log M_{L5100}/M_\odot$	6.82 ± 0.03
Neighbour	4.2", 2024364467	$\log M_{H\alpha}/M_\odot$	6.79 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	17.18 ± 0.04	$\log M_{H\beta}/M_\odot$	6.64 ± 0.04
2MASS K_{ext}	13.15 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	6.95 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.73 ± 0.06	260 ± 63	363 ± 25	8.83 ± 0.66
Hγ Broad	40.54 ± 0.12	1274 ± 100	411 ± 29	5.19 ± 0.77
[O III] 4364	39.41 ± 0.37	185 ± 62	76 ± 25	0.42 ± 0.26
He II Narrow	40.01 ± 0.11	185 ± 62	76 ± 25	1.79 ± 0.28
He II Broad	40.71 ± 0.11	4372 ± 67	1857 ± 27	9.04 ± 1.34
H β Narrow	41.18 ± 0.03	260 ± 63	363 ± 25	27.40 ± 0.71
Hβ Broad	41.23 ± 0.03	1199 ± 30	413 ± 25	30.21 ± 0.85
[O III] 5007	41.57 ± 0.01	260 ± 63	363 ± 25	69.31 ± 0.77
He I Narrow	39.22 ± 0.36	185 ± 62	76 ± 25	0.36 ± 0.21
He I Broad	40.70 ± 0.05	1570 ± 65	666 ± 26	10.61 ± 0.73
[O I] 6300	40.12 ± 0.06	185 ± 62	76 ± 25	3.00 ± 0.26
H α Narrow	41.25 ± 0.01	185 ± 62	76 ± 25	41.86 ± 0.45
Hα Broad	42.09 ± 0.01	1296 ± 63	596 ± 25	290.50 ± 1.32
[N II] 6585	40.96 ± 0.01	185 ± 62	76 ± 25	21.56 ± 0.30
[S II] 6718	40.67 ± 0.02	185 ± 62	76 ± 25	11.09 ± 0.36
[S II] 6732	40.54 ± 0.02	185 ± 62	76 ± 25	8.41 ± 0.38

Emission Summary

H α broad SNR	37.88
H β broad SNR	8.53
H γ broad SNR	1.83
AGN frac	0.68
Host frac	0.32
$\log L_{5100, \text{Host}}$	43.10
Fe II/H β	1.92
Fe II/[O III]	0.86

Quality Flags

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