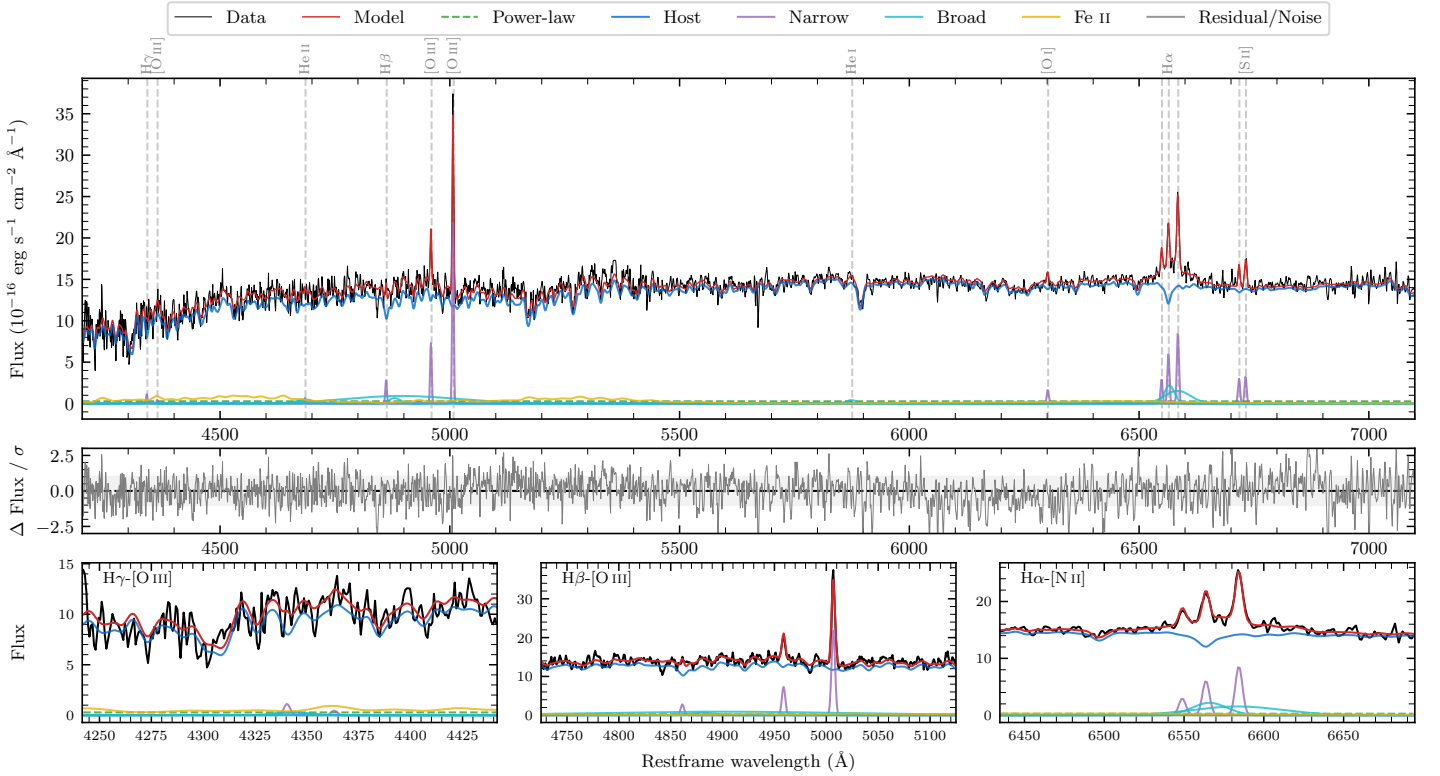
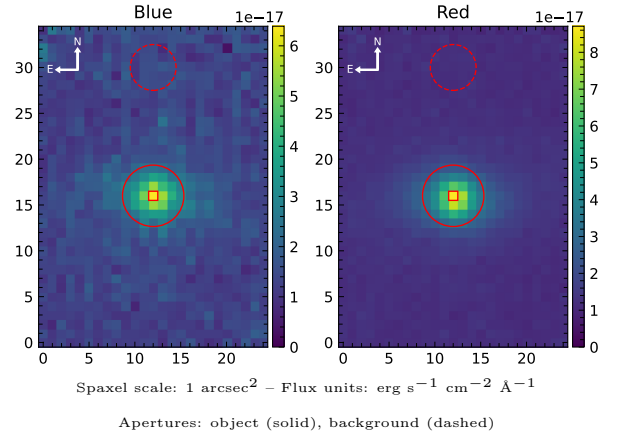


LEDA 3080580

Spectrum ID	22352669_sp1	Spectrum Type	Sy 1.5+
Alt name	g0413071-005017	Quality Flag	good
z	0.0398	AGN reference	6dFGS
RA, Dec	63.2796, -0.8380	MW $E(B - V)$	0.120
MJD	60939.76	Power law α_ν	-1.96 ± 0.05
SNR/Å B/R	13.8/29.0	$\log L_{5100, \text{AGN}}$	41.73 ± 0.42
Obs Airmass	1.16	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -0.43
SMSS ID	22352669	$\log M_{L5100}/M_\odot$	—
Closest SMSS	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.26 ± 0.10
SMSS Mean r_{psf}	15.5 ± 0.1	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	11.7 ± 0.1	$\log M_{[\text{O III}]} / M_\odot$	—



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	—	—	—	—
He II Narrow	39.03 ± 0.41	244 ± 62	101 ± 25	10.36 ± 6.60
He II Broad	—	—	—	—
H β Narrow	39.67 ± 0.11	242 ± 62	138 ± 39	44.46 ± 13.85
Hβ Broad	< 40.12	—	—	—
[O III] 5007	40.57 ± 0.02	242 ± 62	138 ± 39	356.67 ± 14.48
He I Narrow	—	—	—	—
He I Broad	39.68 ± 0.17	1406 ± 62	597 ± 25	46.29 ± 9.70
[O I] 6300	39.54 ± 0.13	244 ± 62	101 ± 25	33.75 ± 4.83
H α Narrow	40.12 ± 0.04	244 ± 62	101 ± 25	128.51 ± 4.96
Hα Broad	40.82 ± 0.02	1721 ± 163	835 ± 26	640.42 ± 16.11
[N II] 6585	40.28 ± 0.02	244 ± 62	101 ± 25	183.31 ± 4.78
[S II] 6718	39.83 ± 0.04	244 ± 62	101 ± 25	65.28 ± 4.46
[S II] 6732	39.86 ± 0.04	244 ± 62	101 ± 25	71.10 ± 4.09

Emission Summary

H α Broad SNR	3.62
H β Broad SNR	0.69
H γ Broad SNR	0.00
AGN frac	0.02
Host frac	0.98
$\log L_{5100, \text{Host}}$	43.37
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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