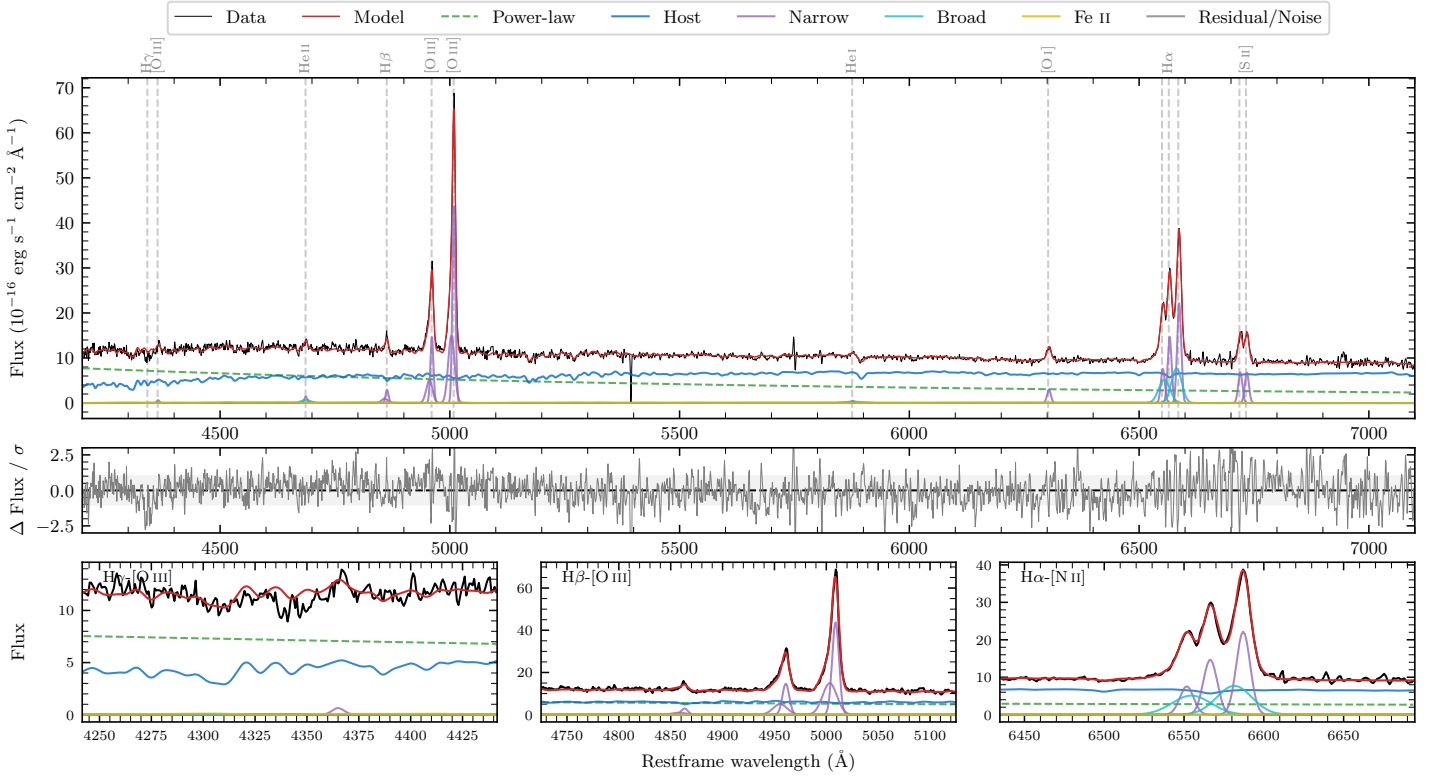
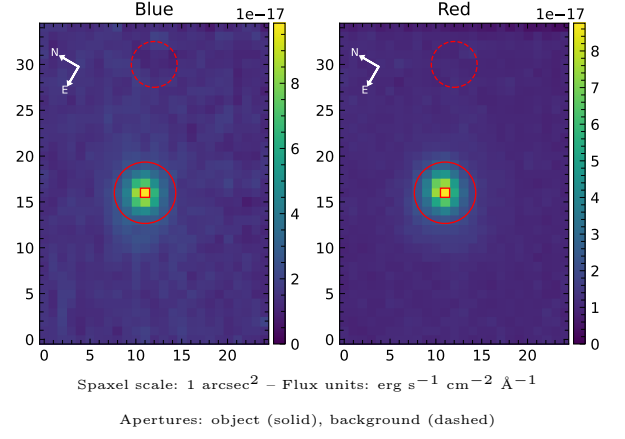


NVSS J020356–165653

Spectrum ID	14358367_sp1	Spectrum type	Sy 1.8+
Alt name	NVSS J02039-1656	Quality flag	good
z	0.0961	AGN reference	M+2007
RA, Dec	30.9861, -16.9497	MW $E(B - V)$	0.029
MJD	60905.76	Power law α_ν	0.28 ± 0.13
SNR/ \AA B/R	16.7/23.2	$\log L_{5100, \text{AGN}}$	43.77 ± 0.02
Obs airmass	1.03	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -1.29
SMSS ID	14358367	$\log M_{L5100}/M_\odot$	—
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.16 ± 0.03
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.06 ± 0.02	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	12.38 ± 0.09	$\log M_{[\text{O III}]} / M_\odot$	—



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	40.07 ± 0.30	466 ± 63	198 ± 25	0.71 ± 0.32
He II Narrow	40.46 ± 0.18	466 ± 63	198 ± 25	2.04 ± 0.37
He II Broad	40.67 ± 0.21	1518 ± 63	644 ± 25	3.31 ± 0.62
H β Narrow	41.01 ± 0.06	551 ± 63	346 ± 25	8.00 ± 0.56
Hβ Broad	< 40.91	—	—	—
[O III] 5007	42.20 ± 0.01	551 ± 63	347 ± 25	131.25 ± 0.69
He I Narrow	40.10 ± 0.22	466 ± 63	198 ± 25	1.50 ± 0.34
He I Broad	40.58 ± 0.16	2242 ± 63	952 ± 25	4.57 ± 0.81
[O I] 6300	40.90 ± 0.03	466 ± 63	198 ± 25	11.20 ± 0.47
H α Narrow	41.61 ± 0.01	466 ± 63	198 ± 25	62.70 ± 0.62
Hα Broad	41.97 ± 0.01	2167 ± 69	755 ± 25	144.65 ± 1.05
[N II] 6585	41.79 ± 0.01	466 ± 63	198 ± 25	95.48 ± 0.64
[S II] 6718	41.29 ± 0.01	466 ± 63	198 ± 25	31.36 ± 0.64
[S II] 6732	41.28 ± 0.01	466 ± 63	198 ± 25	31.42 ± 0.63

Emission Summary

H α broad SNR	12.08
H β broad SNR	0.34
H γ broad SNR	0.00
AGN frac	0.46
Host frac	0.54
$\log L_{5100, \text{Host}}$	43.84
Fe II/H β	—
Fe II/[O III]	0.05

Quality Flags

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