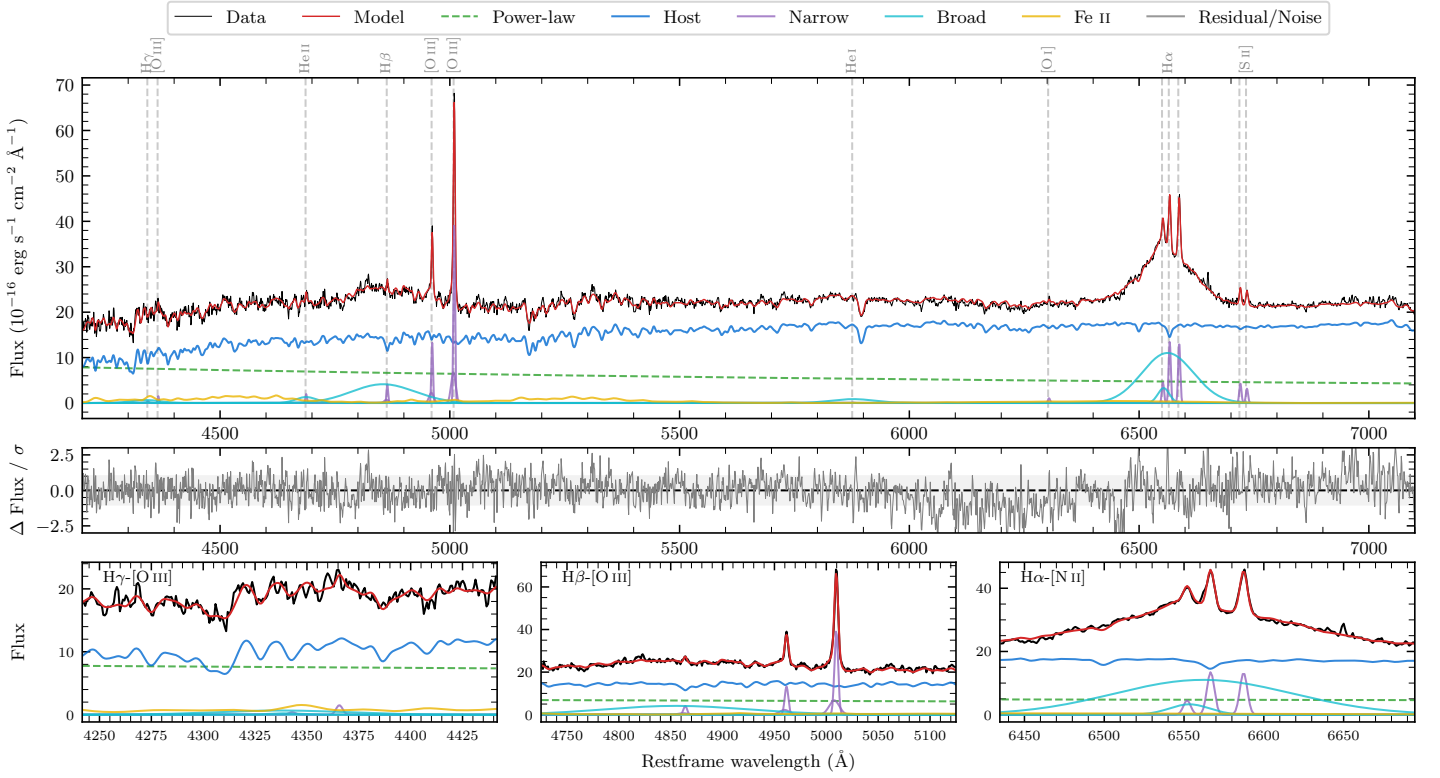
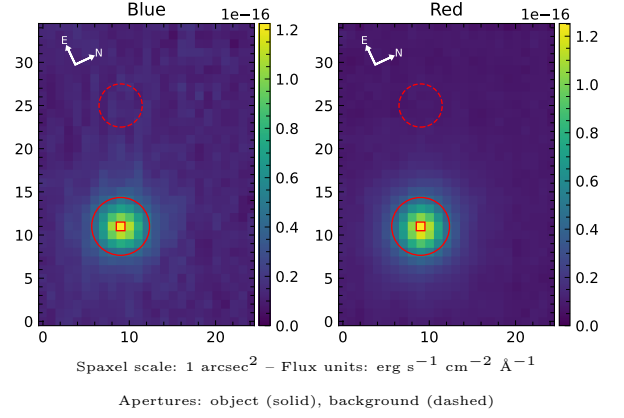


MCG-06-05-011

Spectrum ID	10533987_sp1	Spectrum type	Sy 1.2
Alt name	g0151419-361116	Quality flag	good
z	0.0330	AGN reference	6dFGS
RA, Dec	27.9244, -36.1879	MW $E(B-V)$	0.013
MJD	60166.78	Power law α_ν	-0.86 ± 0.12
SNR/ \AA B/R	25.1/46.9	$\log L_{5100, \text{AGN}}$	42.91 ± 0.02
Obs airmass	1.00	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.45 ± 0.02
SMSS ID	10533987	$\log M_{L5100}/M_\odot$	8.42 ± 0.04
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.64 ± 0.02
SMSS $\langle r_6''_{\text{ap}} \rangle$	14.94 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	8.49 ± 0.04
2MASS K_{ext}	10.59 ± 0.08	$\log M_{[\text{O III}]} / M_\odot$	8.41 ± 0.04



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Angstrom)
H γ Narrow	—	—	—	—
Hγ Broad	40.18 ± 0.13	3884 ± 1115	1755 ± 85	7.61 ± 1.18
[O III] 4364	39.19 ± 0.22	256 ± 63	106 ± 25	0.81 ± 0.25
He II Narrow	39.33 ± 0.15	256 ± 63	106 ± 25	1.23 ± 0.25
He II Broad	40.29 ± 0.07	3386 ± 75	1438 ± 30	11.08 ± 0.93
H β Narrow	39.84 ± 0.05	278 ± 63	193 ± 26	4.10 ± 0.39
Hβ Broad	41.28 ± 0.01	9821 ± 277	3712 ± 43	111.89 ± 1.68
[O III] 5007	40.83 ± 0.01	278 ± 63	193 ± 26	41.55 ± 0.47
He I Narrow	—	—	—	—
He I Broad	40.42 ± 0.04	5650 ± 73	2399 ± 30	19.67 ± 2.36
[O I] 6300	39.19 ± 0.13	256 ± 63	106 ± 25	1.24 ± 0.22
H α Narrow	40.31 ± 0.02	256 ± 63	106 ± 25	17.23 ± 0.30
Hα Broad	41.63 ± 0.01	4788 ± 102	2119 ± 25	359.95 ± 1.30
[N II] 6585	40.31 ± 0.01	256 ± 63	106 ± 25	17.08 ± 0.28
[S II] 6718	39.83 ± 0.03	256 ± 63	106 ± 25	5.83 ± 0.26
[S II] 6732	39.70 ± 0.04	256 ± 63	106 ± 25	4.28 ± 0.25

Emission Summary

H α broad SNR	16.37
H β broad SNR	4.97
H γ broad SNR	1.10
AGN frac	0.31
Host frac	0.69
$\log L_{5100, \text{Host}}$	43.26
Fe II/H β	0.52
Fe II/[O III]	1.44

Quality Flags

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