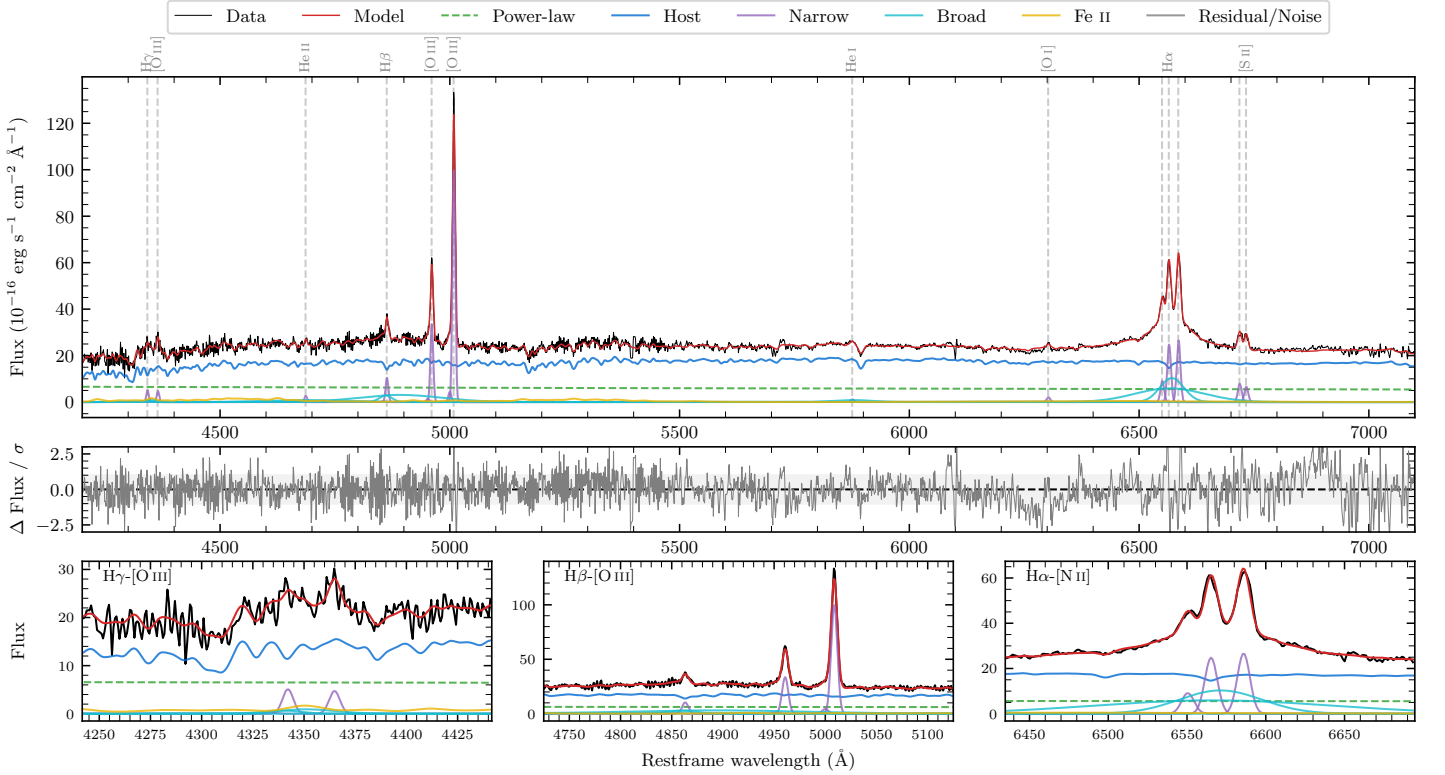
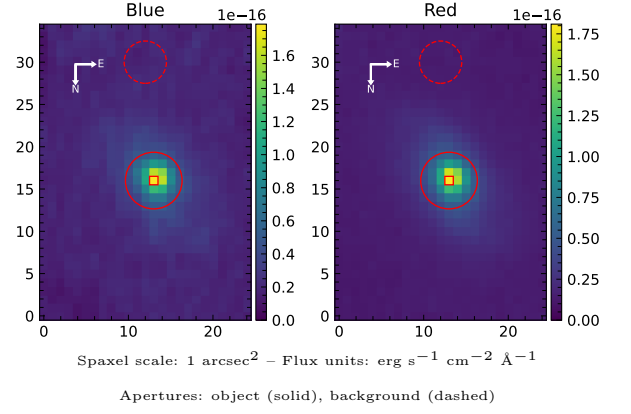


MCG-04-53-021

Spectrum ID	5761975_sp1	Spectrum type	Sy 1.8
Alt name	g2236560-221315	Quality flag	good
z	0.0332	AGN reference	6dFGS
RA, Dec	339.2331, -22.2208	MW $E(B-V)$	0.026
MJD	60260.43	Power law α_ν	-1.63 ± 0.07
SNR/ \AA B/R	16.1/32.3	$\log L_{5100, \text{AGN}}$	42.90 ± 0.03
Obs airmass	1.04	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.90 ± 0.49
SMSS ID	5761975	$\log M_{L5100}/M_\odot$	7.01 ± 0.05
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.45 ± 0.03
SMSS $\langle r_6'' \text{ap} \rangle$	15.22 ± 0.06	$\log M_{\text{H}\beta}/M_\odot$	6.70 ± 0.24
2MASS K_{ext}	10.80 ± 0.04	$\log M_{[\text{O III}]} / M_\odot$	7.25 ± 0.04



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.96 ± 0.13	434 ± 63	212 ± 25	5.59 ± 0.88
Hγ Broad	40.15 ± 0.19	2120 ± 389	792 ± 79	7.59 ± 1.78
[O III] 4364	39.91 ± 0.12	431 ± 63	182 ± 25	5.01 ± 0.77
He II Narrow	39.69 ± 0.15	431 ± 63	182 ± 25	3.11 ± 0.64
He II Broad	—	—	—	—
H β Narrow	40.32 ± 0.04	434 ± 63	212 ± 25	13.38 ± 0.60
Hβ Broad	$40.41^{+0.90}_{-0.07}$	1958 ± 86	723 ± 38	16.20 ± 1.26
[O III] 5007	41.32 ± 0.01	434 ± 63	212 ± 25	133.58 ± 0.88
He I Narrow	39.44 ± 0.15	431 ± 63	182 ± 25	1.86 ± 0.38
He I Broad	40.39 ± 0.07	5018 ± 121	2131 ± 50	16.41 ± 1.49
[O I] 6300	39.72 ± 0.07	431 ± 63	182 ± 25	3.67 ± 0.40
H α Narrow	40.81 ± 0.01	431 ± 63	182 ± 25	45.84 ± 0.50
Hα Broad	41.67 ± 0.01	3760 ± 92	2104 ± 32	332.69 ± 1.86
[N II] 6585	40.84 ± 0.01	431 ± 63	182 ± 25	49.56 ± 0.49
[S II] 6718	40.32 ± 0.02	431 ± 63	182 ± 25	15.02 ± 0.47
[S II] 6732	40.25 ± 0.02	431 ± 63	182 ± 25	12.74 ± 0.45

Emission Summary

H α broad SNR	10.75
H β broad SNR	1.92
H γ broad SNR	1.12
AGN frac	0.27
Host frac	0.73
$\log L_{5100, \text{Host}}$	43.32
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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