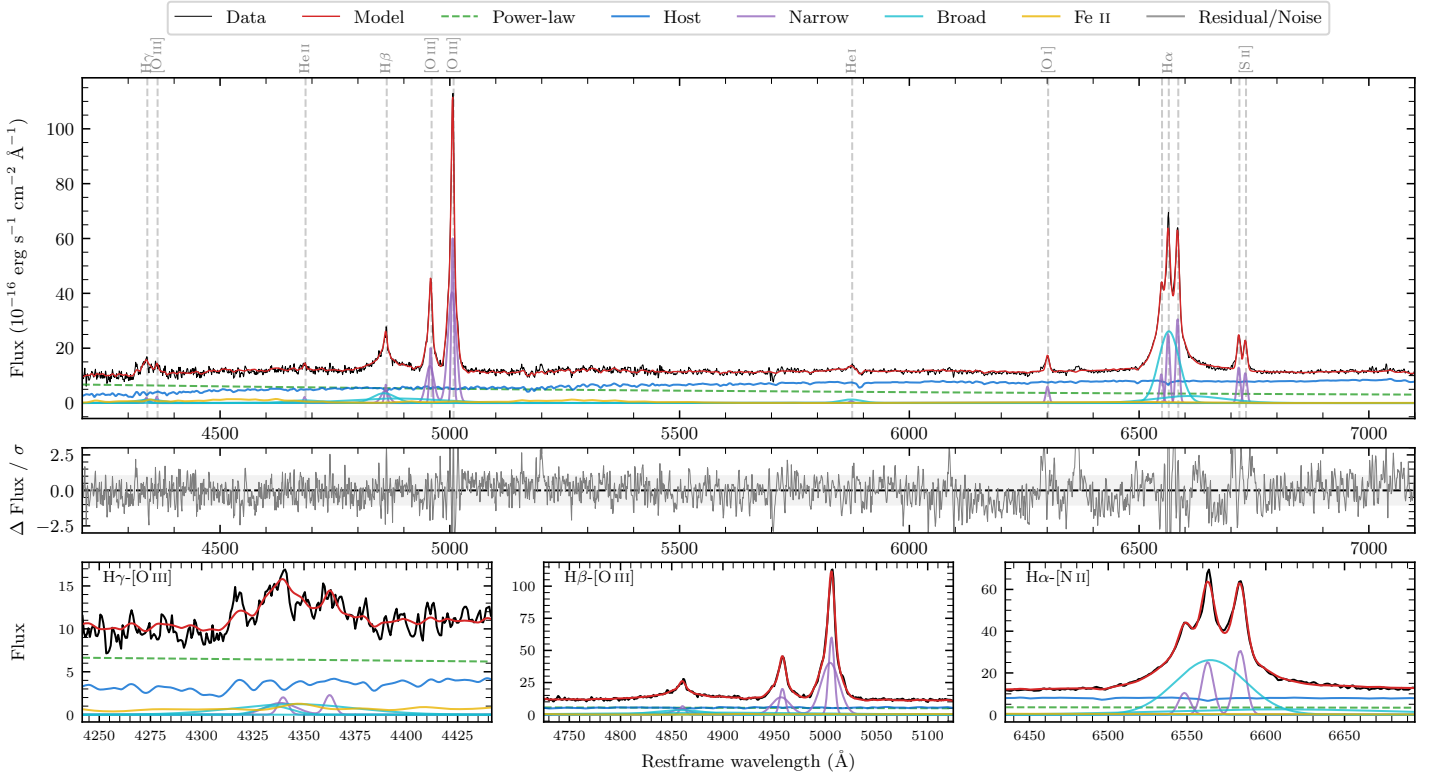
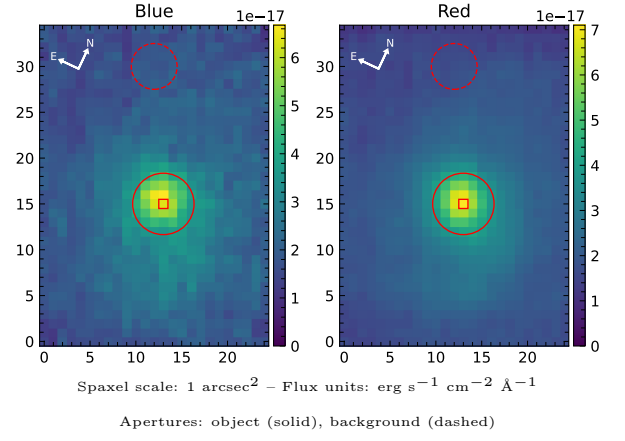


MCG-03-07-011

Spectrum ID	14296989_sp1	Spectrum type	Sy 1.5
Alt name	g0224406-190830	Quality flag	good
z	0.0335	AGN reference	6dFGS
RA, Dec	36.1688, -19.1417	MW $E(B-V)$	0.026
MJD	60179.76	Power law α_ν	-0.50 ± 0.23
SNR/ \AA B/R	12.5/23.9	$\log L_{5100, \text{AGN}}$	42.84 ± 0.03
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.30 ± 0.03
SMSS ID	14296989	$\log M_{L5100}/M_\odot$	7.78 ± 0.06
Neighbour	10.4", 2026116952	$\log M_{\text{H}\alpha}/M_\odot$	7.15 ± 0.02
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.28 ± 0.14	$\log M_{\text{H}\beta}/M_\odot$	7.87 ± 0.06
2MASS K_{ext}	10.36 ± 0.06	$\log M_{[\text{O III}]} / M_\odot$	8.16 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.03 ± 0.13	565 ± 63	451 ± 25	6.27 ± 0.76
Hγ Broad	40.48 ± 0.08	2891 ± 1004	1537 ± 165	17.94 ± 1.52
[O III] 4364	39.59 ± 0.15	401 ± 63	169 ± 25	2.29 ± 0.42
He II Narrow	39.60 ± 0.13	401 ± 63	169 ± 25	2.62 ± 0.45
He II Broad	40.39 ± 0.08	5377 ± 218	2283 ± 92	15.79 ± 1.52
H β Narrow	40.60 ± 0.02	565 ± 63	451 ± 25	27.28 ± 0.75
Hβ Broad	41.27 ± 0.03	4854 ± 276	3768 ± 282	123.44 ± 2.69
[O III] 5007	41.56 ± 0.01	565 ± 63	452 ± 25	264.73 ± 0.93
He I Narrow	39.23 ± 0.18	401 ± 63	169 ± 25	1.57 ± 0.34
He I Broad	40.33 ± 0.04	2901 ± 226	1232 ± 95	19.78 ± 0.96
[O I] 6300	40.17 ± 0.02	401 ± 63	169 ± 25	15.05 ± 0.42
H α Narrow	40.81 ± 0.01	401 ± 63	169 ± 25	70.13 ± 0.63
Hα Broad	41.73 ± 0.01	2527 ± 65	1204 ± 25	583.64 ± 2.13
[N II] 6585	40.90 ± 0.01	401 ± 63	169 ± 25	85.87 ± 0.61
[S II] 6718	40.53 ± 0.01	401 ± 63	169 ± 25	38.18 ± 0.54
[S II] 6732	40.46 ± 0.01	401 ± 63	169 ± 25	32.23 ± 0.53

Emission Summary

H α broad SNR	29.83
H β broad SNR	5.45
H γ broad SNR	2.24
AGN frac	0.48
Host frac	0.52
$\log L_{5100, \text{Host}}$	42.87
Fe II/H β	0.53
Fe II/[O III]	0.26

Quality Flags

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