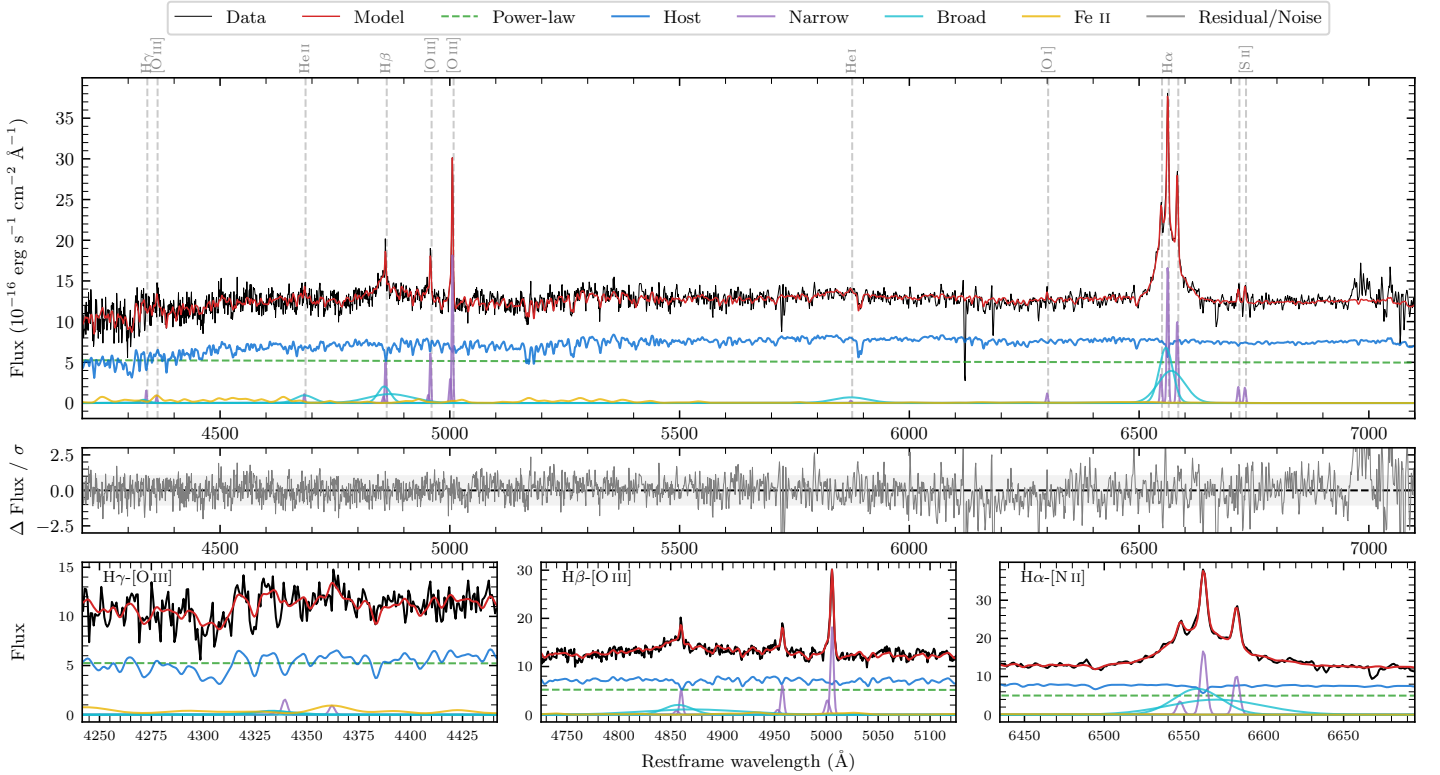
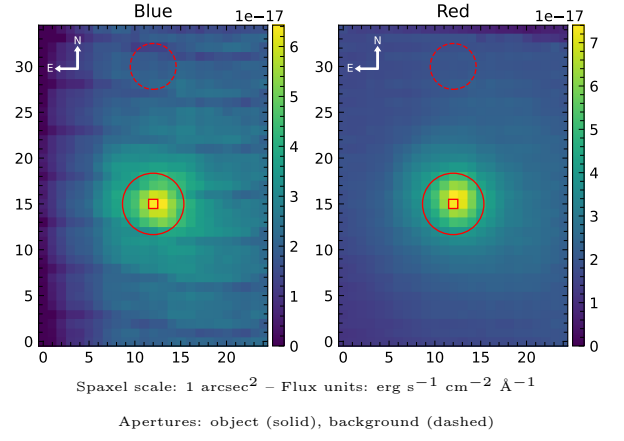


MCG-01-01-043

Spectrum ID	13120033_sp2	Spectrum type	Sy 1.2
Alt name	g0010100-044238	Quality flag	good
z	0.0289	AGN reference	6dFGS
RA, Dec	2.5416, -4.7105	MW $E(B-V)$	0.029
MJD	60477.81	Power law α_ν	-1.89 ± 0.10
SNR/ \AA B/R	11.1/23.3	$\log L_{5100, \text{AGN}}$	42.72 ± 0.02
Obs airmass	1.18	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.38 ± 0.05
SMSS ID	13120033	$\log M_{L5100}/M_\odot$	7.21 ± 0.10
Neighbour	12.3", 2024411840	$\log M_{\text{H}\alpha}/M_\odot$	6.54 ± 0.05
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	15.66 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.06 ± 0.11
2MASS K_{ext}	11.19 ± 0.05	$\log M_{[\text{O III}]} / M_\odot$	6.99 ± 0.12



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.11 ± 0.31	224 ± 63	144 ± 27	1.22 ± 0.61
Hγ Broad	—	—	—	—
[O III] 4364	38.79 ± 0.41	218 ± 63	90 ± 25	0.59 ± 0.47
He II Narrow	38.91 ± 0.32	218 ± 63	90 ± 25	0.79 ± 0.40
He II Broad	40.00 ± 0.12	3072 ± 77	1304 ± 31	9.60 ± 1.55
H β Narrow	39.67 ± 0.08	224 ± 63	144 ± 27	4.56 ± 0.48
Hβ Broad	40.62 ± 0.04	2676 ± 301	1860 ± 119	40.32 ± 2.23
[O III] 5007	40.24 ± 0.02	224 ± 63	144 ± 27	16.69 ± 0.47
He I Narrow	38.43 ± 0.41	218 ± 63	90 ± 25	0.27 ± 0.22
He I Broad	40.14 ± 0.06	4599 ± 82	1953 ± 34	13.58 ± 1.14
[O I] 6300	39.06 ± 0.13	218 ± 63	90 ± 25	1.15 ± 0.22
H α Narrow	40.23 ± 0.02	218 ± 63	90 ± 25	17.09 ± 0.26
Hα Broad	41.05 ± 0.01	2023 ± 76	892 ± 26	111.82 ± 0.96
[N II] 6585	40.02 ± 0.02	218 ± 63	90 ± 25	10.43 ± 0.25
[S II] 6718	39.31 ± 0.08	218 ± 63	90 ± 25	2.07 ± 0.24
[S II] 6732	39.29 ± 0.09	218 ± 63	90 ± 25	1.98 ± 0.24

Emission Summary

H α broad SNR	9.39
H β broad SNR	2.77
H γ broad SNR	0.84
AGN frac	0.43
Host frac	0.57
$\log L_{5100, \text{Host}}$	42.85
Fe II/H β	0.65
Fe II/[O III]	1.57

Quality Flags

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