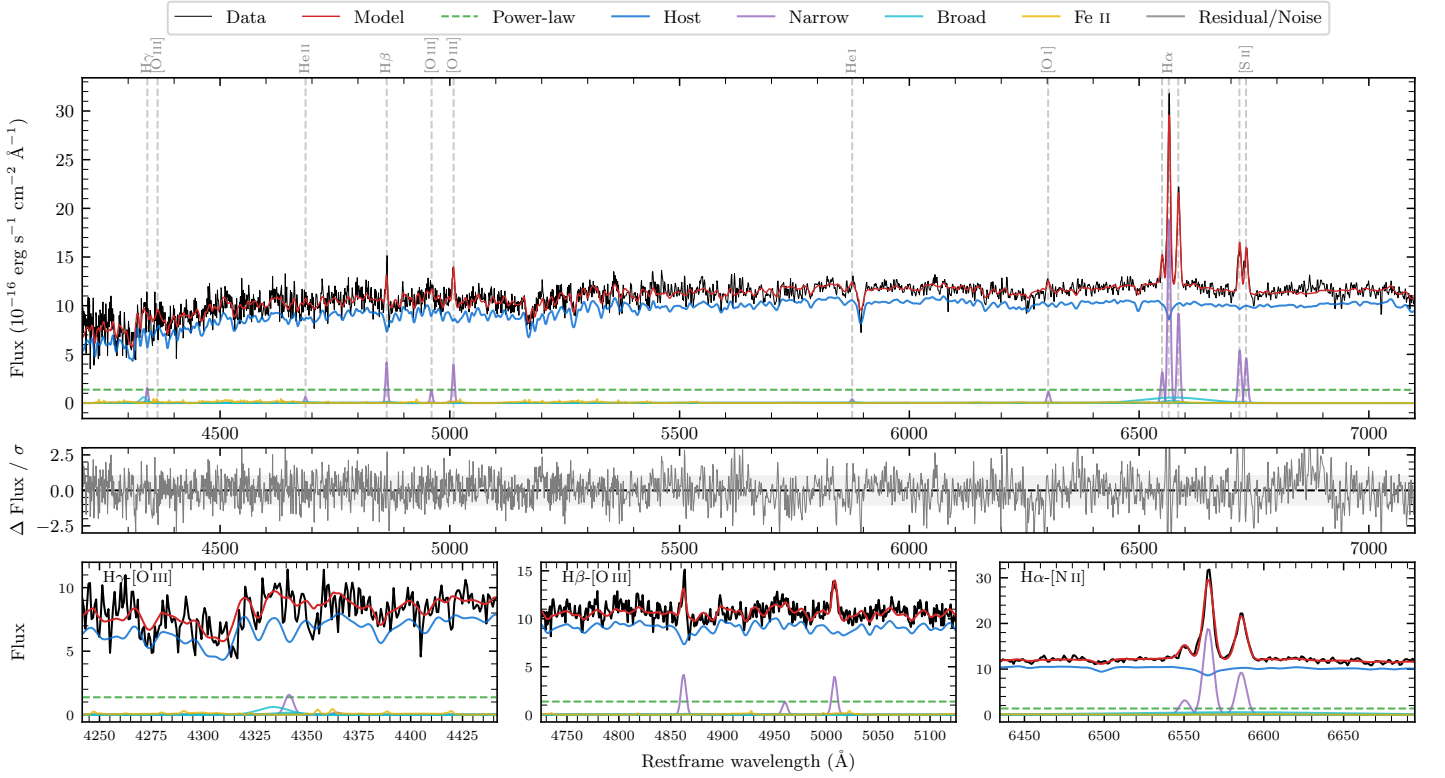
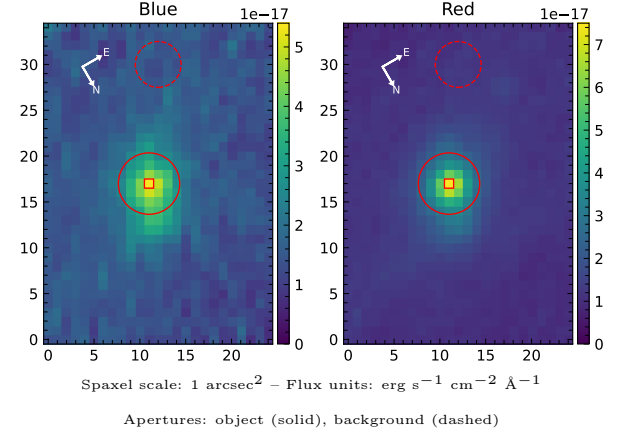


MCG-04-33-027

Spectrum ID	108152512_sp1	Spectrum type	Sy 2
Alt name	g1401258-223420	Quality flag	good
z	0.0357	AGN reference	6dFGS
RA, Dec	210.3575, -22.5720	MW $E(B-V)$	0.059
MJD	61093.73	Power law α_ν	-1.98 ± 0.02
SNR/ \AA B/R	12.4/25.7	$\log L_{5100, \text{AGN}}$	42.32 ± 0.06
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	—
SMSS ID	108152512	$\log M_{L5100}/M_\odot$	—
Neighbour	2.3", 2175347892	$\log M_{\text{H}\alpha}/M_\odot$	—
SMSS $\langle r_{6'' \text{ap}} \rangle$	15.92 ± 0.05	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS K_{ext}	11.72 ± 0.05	$\log M_{[\text{O III}]} / M_\odot$	—



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.45 ± 0.22	352 ± 63	181 ± 38	6.76 ± 3.03
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	39.04 ± 0.34	346 ± 62	146 ± 25	2.69 ± 1.46
He II Broad	—	—	—	—
H β Narrow	39.93 ± 0.06	352 ± 63	181 ± 38	20.15 ± 2.24
Hβ Broad	—	—	—	—
[O III] 5007	39.91 ± 0.06	352 ± 63	181 ± 38	19.76 ± 2.20
He I Narrow	38.96 ± 0.30	346 ± 62	146 ± 25	2.27 ± 0.87
He I Broad	—	—	—	—
[O I] 6300	39.44 ± 0.10	346 ± 62	146 ± 25	6.78 ± 0.91
H α Narrow	40.67 ± 0.01	346 ± 62	146 ± 25	115.86 ± 1.08
Hα Broad	—	—	—	—
[N II] 6585	40.36 ± 0.01	346 ± 62	146 ± 25	56.80 ± 1.09
[S II] 6718	40.13 ± 0.02	346 ± 62	146 ± 25	33.80 ± 1.02
[S II] 6732	40.07 ± 0.03	346 ± 62	146 ± 25	28.88 ± 0.98

Emission Summary

H α broad SNR	0.97
H β broad SNR	0.00
H γ broad SNR	0.00
AGN frac	0.13
Host frac	0.87
$\log L_{5100, \text{Host}}$	43.13
Fe II/H β	—
Fe II/[O III]	1.52

Quality Flags

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