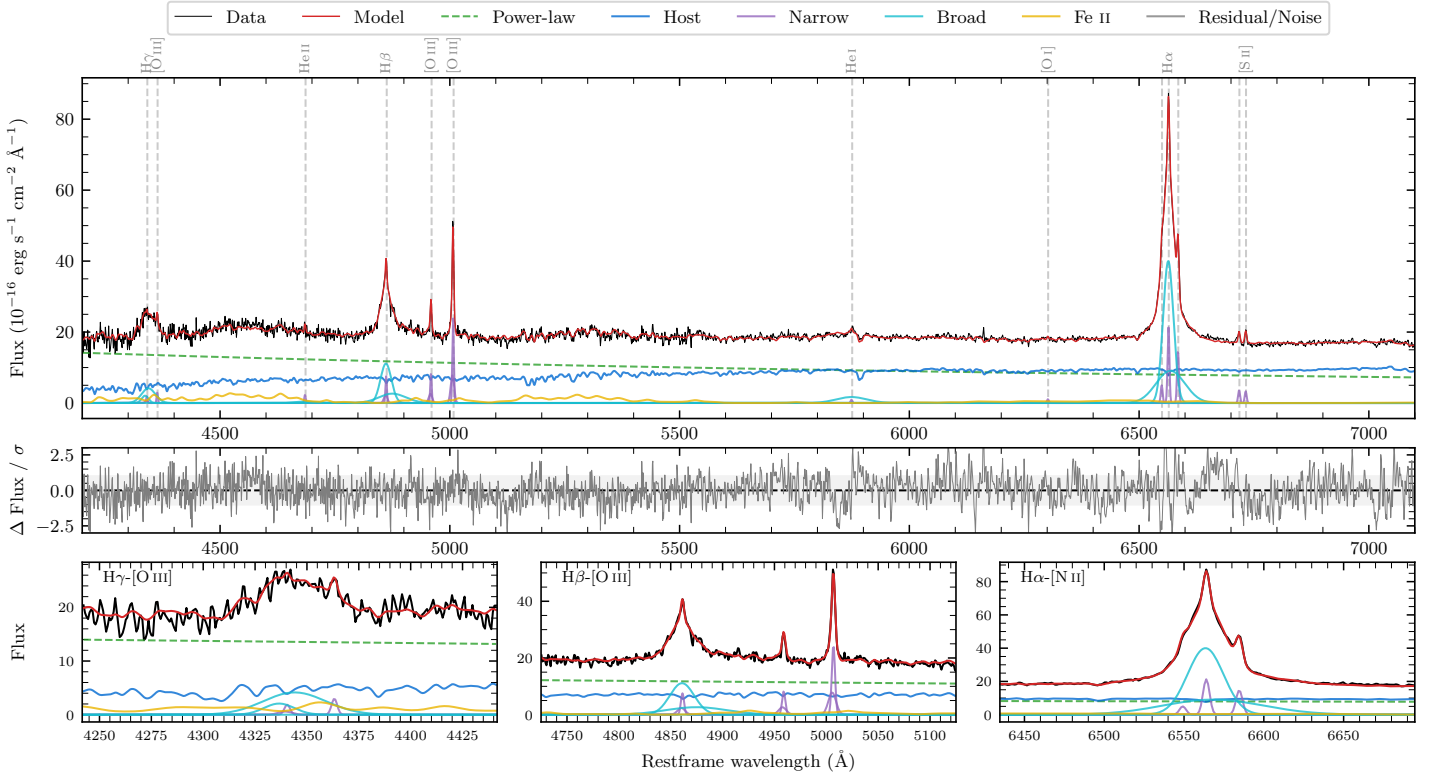
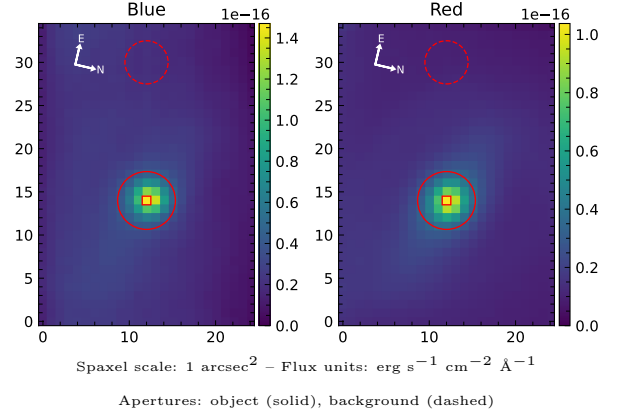


MCG-02-35-001

Spectrum ID	107402694_sp1	Spectrum type	Sy 1.2
Alt name	g1332391-102853	Quality flag	good
z	0.0223	AGN reference	6dFGS
RA, Dec	203.1630, -10.4813	MW $E(B-V)$	0.045
MJD	59015.52	Power law α_ν	-0.72 ± 0.08
SNR/ \AA B/R	19.3/37.9	$\log L_{5100, \text{AGN}}$	42.81 ± 0.01
Obs airmass	1.31	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.49 ± 0.02
SMSS ID	107402694	$\log M_{L5100}/M_\odot$	6.97 ± 0.04
Neighbour	3.6", 2174311836	$\log M_{\text{H}\alpha}/M_\odot$	6.38 ± 0.05
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	15.63 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	6.86 ± 0.05
2MASS K_{ext}	11.32 ± 0.07	$\log M_{[\text{O III}]} / M_\odot$	6.75 ± 0.06



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.12 ± 0.22	265 ± 63	167 ± 27	0.84 ± 0.27
Hγ Broad	40.36 ± 0.03	2102 ± 236	836 ± 56	14.65 ± 0.62
[O III] 4364	39.08 ± 0.16	226 ± 63	94 ± 25	0.77 ± 0.17
He II Narrow	39.00 ± 0.14	226 ± 63	94 ± 25	0.70 ± 0.15
He II Broad	39.42 ± 0.21	3161 ± 261	1342 ± 110	1.91 ± 0.57
H β Narrow	39.78 ± 0.04	265 ± 63	167 ± 27	4.39 ± 0.25
Hβ Broad	40.79 ± 0.01	1941 ± 65	920 ± 41	45.62 ± 0.70
[O III] 5007	40.30 ± 0.01	265 ± 63	167 ± 27	15.30 ± 0.25
He I Narrow	38.71 ± 0.16	226 ± 63	94 ± 25	0.48 ± 0.11
He I Broad	40.22 ± 0.03	3983 ± 195	1691 ± 82	15.59 ± 0.50
[O I] 6300	38.80 ± 0.11	226 ± 63	94 ± 25	0.65 ± 0.12
H α Narrow	40.11 ± 0.01	226 ± 63	94 ± 25	14.02 ± 0.18
Hα Broad	41.34 ± 0.01	1373 ± 63	662 ± 25	236.19 ± 0.55
[N II] 6585	39.95 ± 0.01	226 ± 63	94 ± 25	9.73 ± 0.15
[S II] 6718	39.35 ± 0.05	226 ± 63	94 ± 25	2.50 ± 0.17
[S II] 6732	39.31 ± 0.04	226 ± 63	94 ± 25	2.28 ± 0.15

Emission Summary

H α broad SNR	48.79
H β broad SNR	13.40
H γ broad SNR	5.82
AGN frac	0.62
Host frac	0.38
$\log L_{5100, \text{Host}}$	42.60
Fe II/H β	1.06
Fe II/[O III]	3.27

Quality Flags

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