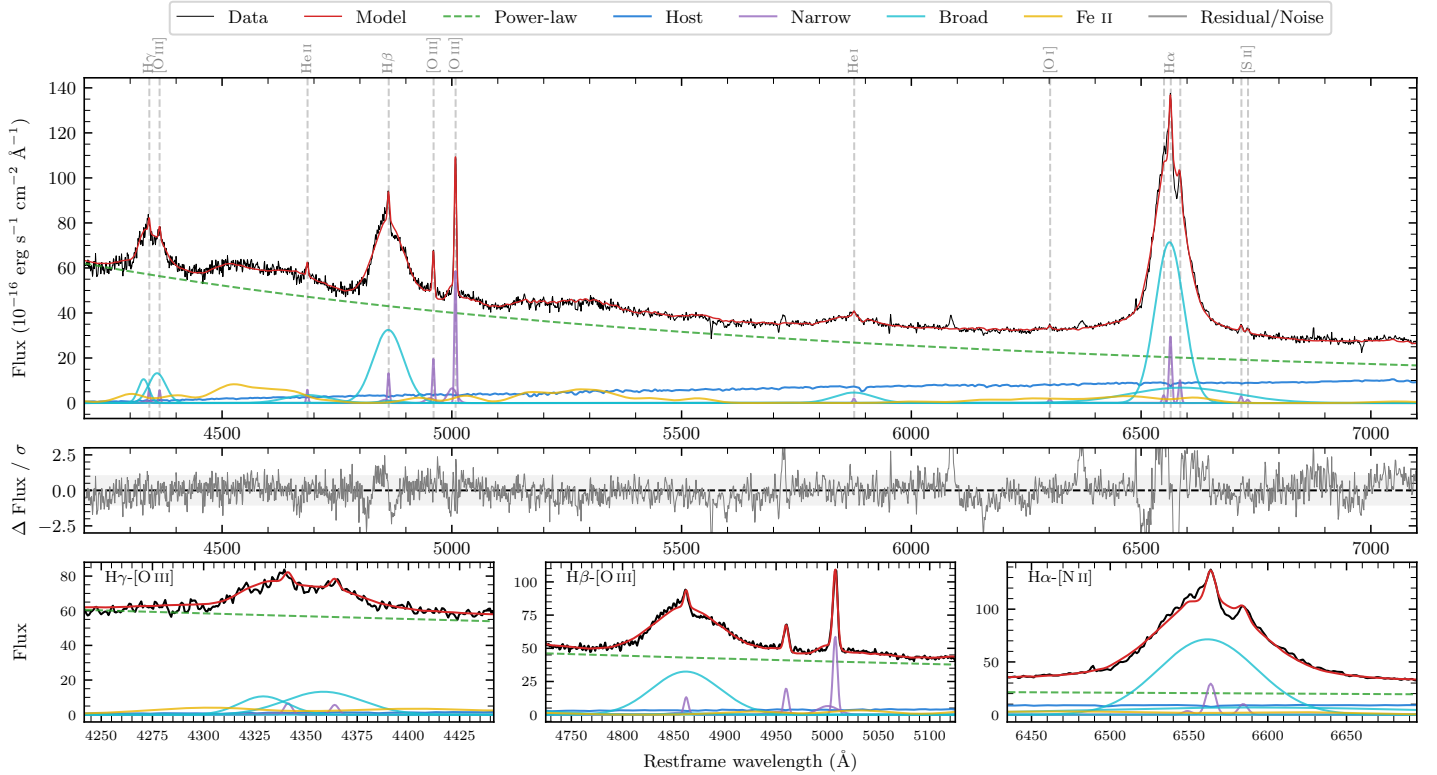
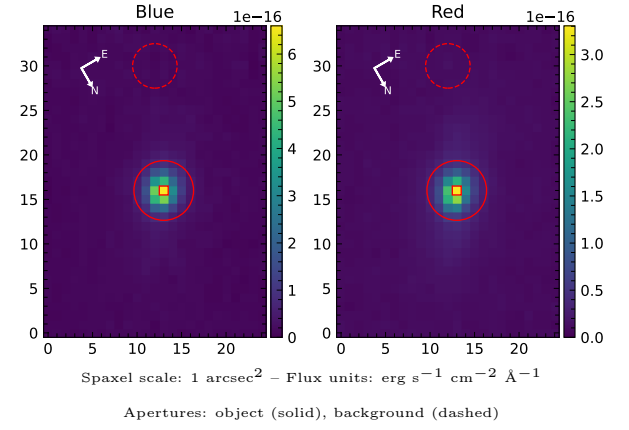


FRL 1116

Spectrum ID	504666794_sp1	Spectrum type	Sy 1.0
Alt name	g0351417-402759	Quality flag	good
z	0.0585	AGN reference	6dFGS
RA, Dec	57.9237, -40.4665	MW $E(B - V)$	0.011
MJD	60258.58	Power law α_ν	0.50 ± 0.01
SNR/ \AA B/R	23.7/30.5	$\log L_{5100, \text{AGN}}$	44.20 ± 0.01
Obs airmass	1.03	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.75 ± 0.01
SMSS ID	504666794	$\log M_{L5100}/M_\odot$	8.34 ± 0.02
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	8.10 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	14.79 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	8.36 ± 0.02
2MASS K_{ext}	11.27 ± 0.04	$\log M_{[\text{O III}]} / M_\odot$	8.17 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.62 ± 0.14	335 ± 63	412 ± 30	0.88 ± 0.22
Hγ Broad	41.91 ± 0.02	4175 ± 131	1341 ± 32	17.44 ± 0.35
[O III] 4364	40.38 ± 0.16	317 ± 63	133 ± 25	0.52 ± 0.11
He II Narrow	40.43 ± 0.12	317 ± 63	133 ± 25	0.70 ± 0.12
He II Broad	41.58 ± 0.04	7271 ± 98	3088 ± 41	9.70 ± 0.54
H β Narrow	40.97 ± 0.06	335 ± 63	412 ± 30	2.63 ± 0.25
Hβ Broad	42.38 ± 0.01	4742 ± 89	1770 ± 29	67.74 ± 0.47
[O III] 5007	41.63 ± 0.01	335 ± 63	412 ± 30	13.01 ± 0.25
He I Narrow	40.06 ± 0.16	317 ± 63	133 ± 25	0.53 ± 0.11
He I Broad	41.63 ± 0.02	5148 ± 122	2186 ± 51	19.74 ± 0.47
[O I] 6300	40.06 ± 0.13	317 ± 63	133 ± 25	0.62 ± 0.12
H α Narrow	41.27 ± 0.02	317 ± 63	133 ± 25	11.19 ± 0.24
Hα Broad	42.82 ± 0.01	3549 ± 64	1707 ± 26	392.34 ± 1.05
[N II] 6585	40.81 ± 0.04	317 ± 63	133 ± 25	3.90 ± 0.21
[S II] 6718	40.28 ± 0.08	317 ± 63	133 ± 25	1.21 ± 0.15
[S II] 6732	40.00 ± 0.15	317 ± 63	133 ± 25	0.63 ± 0.14

Emission Summary

H α broad SNR	36.69
H β broad SNR	15.87
H γ broad SNR	7.24
AGN frac	0.91
Host frac	0.09
$\log L_{5100, \text{Host}}$	43.20
Fe II/H β	0.62
Fe II/[O III]	3.49

Quality Flags

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