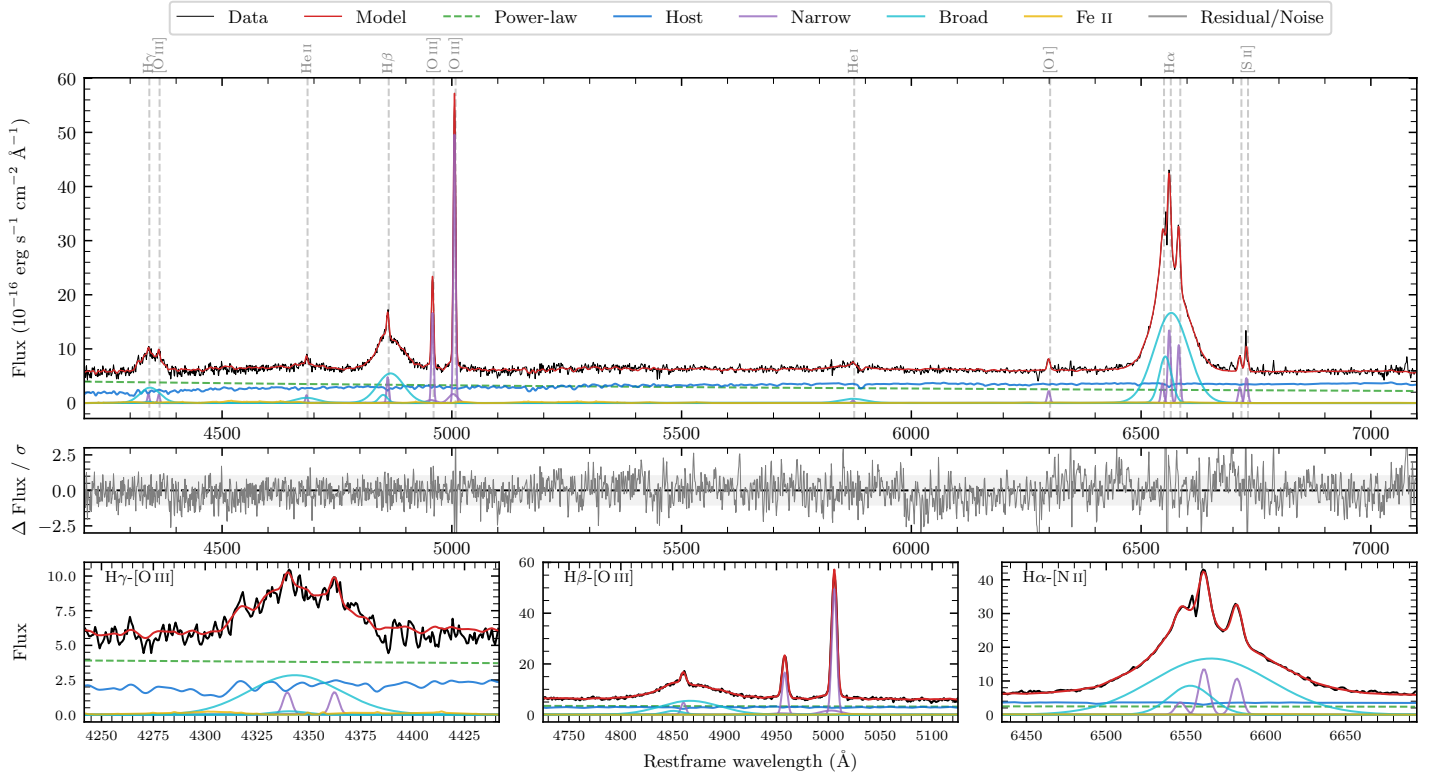
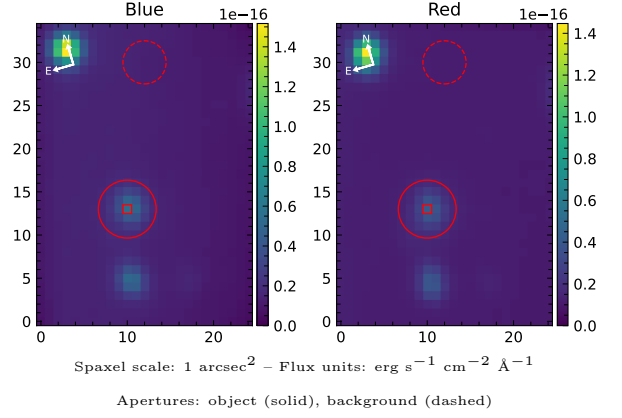


6dFGS gJ194913.7–184716

Spectrum ID	295796207_sp1	Spectrum type	Sy 1.5
Alt name	g1949137–184716	Quality flag	good
z	0.0806	AGN reference	6dFGS
RA, Dec	297.3071, –18.7877	MW $E(B - V)$	0.113
MJD	59016.55	Power law α_ν	-0.90 ± 0.21
SNR/ \AA B/R	11.9/18.3	$\log L_{5100, \text{AGN}}$	43.42 ± 0.03
Obs airmass	1.35	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.10 ± 0.01
SMSS ID	295796207	$\log M_{L5100}/M_\odot$	7.82 ± 0.03
Neighbour	8.2", 295796206	$\log M_{\text{H}\alpha}/M_\odot$	7.77 ± 0.03
SMSS $\langle r_6'' \text{ap} \rangle$	17.34 ± 0.21	$\log M_{\text{H}\beta}/M_\odot$	7.94 ± 0.03
2MASS K_{ext}	13.88 ± 0.22	$\log M_{[\text{O III}]} / M_\odot$	8.06 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.23 ± 0.13	350 ± 63	256 ± 27	2.73 ± 0.75
Hγ Broad	41.46 ± 0.02	3375 ± 210	1275 ± 45	45.62 ± 1.32
[O III] 4364	40.18 ± 0.12	343 ± 63	145 ± 25	2.45 ± 0.40
He II Narrow	40.16 ± 0.11	343 ± 63	145 ± 25	2.54 ± 0.38
He II Broad	41.03 ± 0.05	3764 ± 171	1598 ± 72	18.67 ± 1.29
H β Narrow	40.75 ± 0.04	350 ± 63	256 ± 27	10.29 ± 0.77
Hβ Broad	41.88 ± 0.01	3837 ± 106	1478 ± 31	137.17 ± 1.46
[O III] 5007	41.78 ± 0.01	350 ± 63	256 ± 27	113.39 ± 0.90
He I Narrow	39.80 ± 0.17	343 ± 63	145 ± 25	1.43 ± 0.34
He I Broad	40.99 ± 0.04	3396 ± 179	1442 ± 76	21.91 ± 1.15
[O I] 6300	40.47 ± 0.03	343 ± 63	145 ± 25	7.18 ± 0.35
H α Narrow	41.28 ± 0.01	343 ± 63	145 ± 25	48.16 ± 0.51
Hα Broad	42.51 ± 0.01	2998 ± 68	1335 ± 25	820.04 ± 1.62
[N II] 6585	41.18 ± 0.01	343 ± 63	145 ± 25	38.26 ± 0.47
[S II] 6718	40.62 ± 0.02	343 ± 63	145 ± 25	10.97 ± 0.51
[S II] 6732	40.82 ± 0.03	343 ± 63	145 ± 25	17.21 ± 0.57

Emission Summary

H α broad SNR	44.36
H β broad SNR	11.57
H γ broad SNR	5.68
AGN frac	0.52
Host frac	0.48
$\log L_{5100, \text{Host}}$	43.38
Fe II/H β	0.13
Fe II/[O III]	0.16

Quality Flags

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