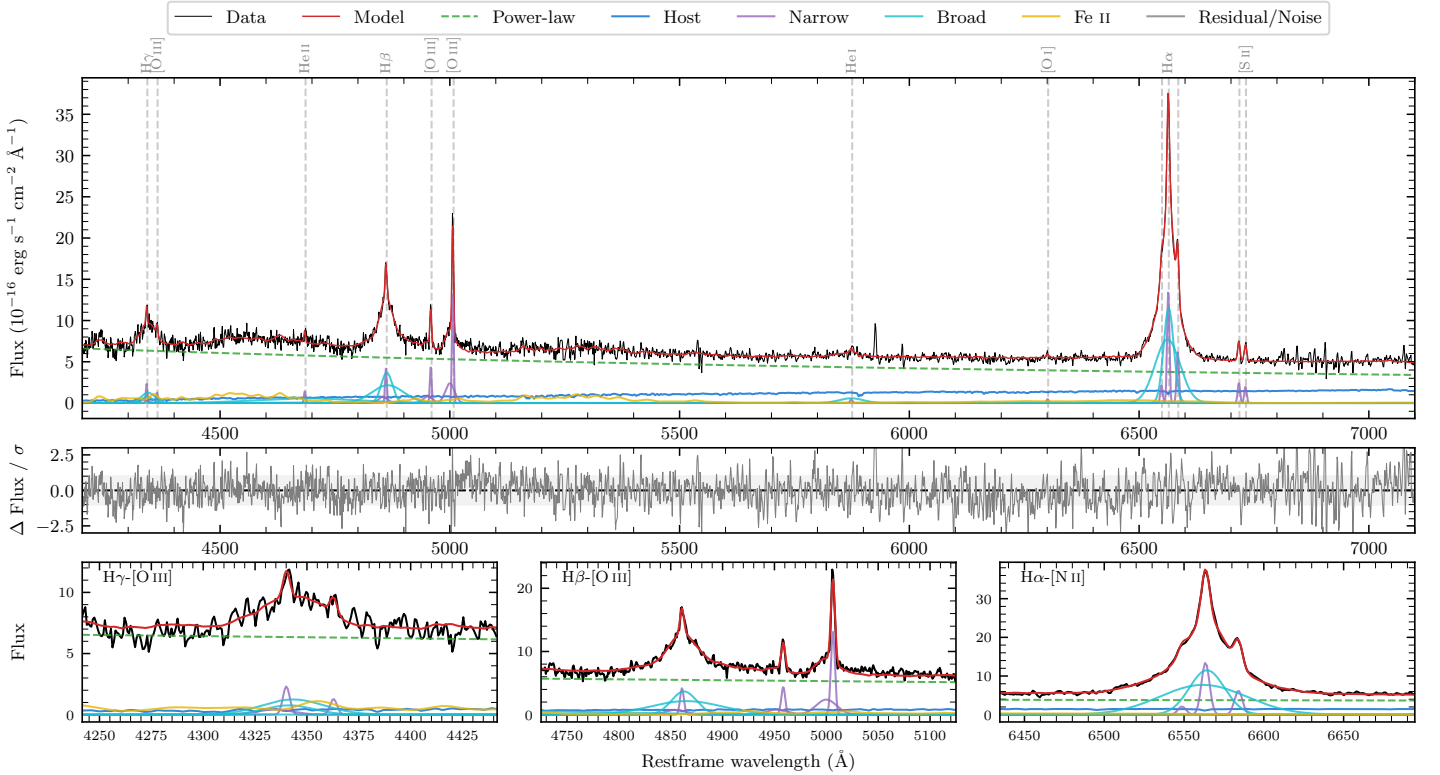
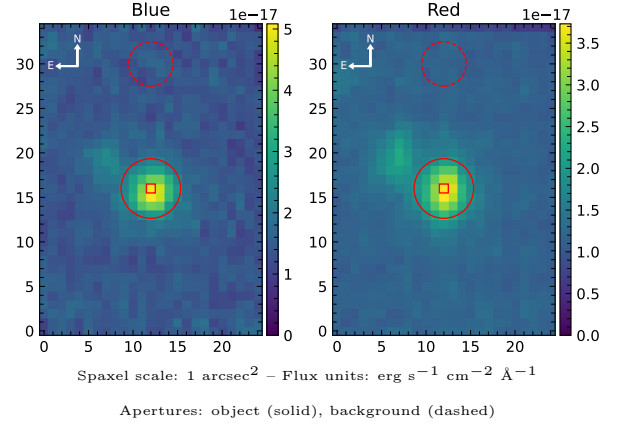


2MASS J21490739–1751595

Spectrum ID	3783718_sp1	Spectrum type	Sy 1.2
Alt name	g2149074–175159	Quality flag	good
z	0.0627	AGN reference	6dFGS
RA, Dec	327.2808, –17.8665	MW $E(B - V)$	0.037
MJD	60090.8	Power law α_ν	-0.73 ± 0.12
SNR/ \AA B/R	12.1/16.3	$\log L_{5100, \text{AGN}}$	43.40 ± 0.02
Obs airmass	1.03	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.38 ± 0.02
SMSS ID	3783718	$\log M_{L5100}/M_\odot$	7.39 ± 0.04
Neighbour	6.4", 3783719	$\log M_{\text{H}\alpha}/M_\odot$	6.87 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.61 ± 0.04	$\log M_{\text{H}\beta}/M_\odot$	7.34 ± 0.05
2MASS K_{ext}	13.41 ± 0.12	$\log M_{[\text{O III}]} / M_\odot$	7.30 ± 0.05



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.28 ± 0.12	306 ± 63	462 ± 27	3.15 ± 0.52
Hγ Broad	40.87 ± 0.05	2281 ± 221	833 ± 77	11.67 ± 0.70
[O III] 4364	39.74 ± 0.18	277 ± 63	116 ± 25	0.91 ± 0.22
He II Narrow	39.82 ± 0.12	277 ± 63	116 ± 25	1.19 ± 0.23
He II Broad	41.20 ± 0.05	16506 ± 177	7009 ± 75	28.66 ± 1.79
H β Narrow	40.59 ± 0.05	306 ± 63	462 ± 27	7.38 ± 0.51
Hβ Broad	41.48 ± 0.01	2343 ± 110	1304 ± 48	57.80 ± 0.99
[O III] 5007	41.10 ± 0.01	306 ± 63	462 ± 27	24.79 ± 0.54
He I Narrow	39.44 ± 0.20	277 ± 63	116 ± 25	0.66 ± 0.20
He I Broad	40.58 ± 0.06	3118 ± 181	1324 ± 76	9.22 ± 0.70
[O I] 6300	39.48 ± 0.16	277 ± 63	116 ± 25	0.80 ± 0.19
H α Narrow	40.94 ± 0.01	277 ± 63	116 ± 25	24.21 ± 0.32
Hα Broad	41.93 ± 0.01	1592 ± 65	787 ± 25	237.91 ± 0.84
[N II] 6585	40.61 ± 0.02	277 ± 63	116 ± 25	11.26 ± 0.27
[S II] 6718	40.21 ± 0.03	277 ± 63	116 ± 25	4.59 ± 0.23
[S II] 6732	40.11 ± 0.04	277 ± 63	116 ± 25	3.70 ± 0.23

Emission Summary

H α broad SNR	33.36
H β broad SNR	10.15
H γ broad SNR	3.56
AGN frac	0.87
Host frac	0.13
$\log L_{5100, \text{Host}}$	42.57
Fe II/H β	0.89
Fe II/[O III]	2.14

Quality Flags

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