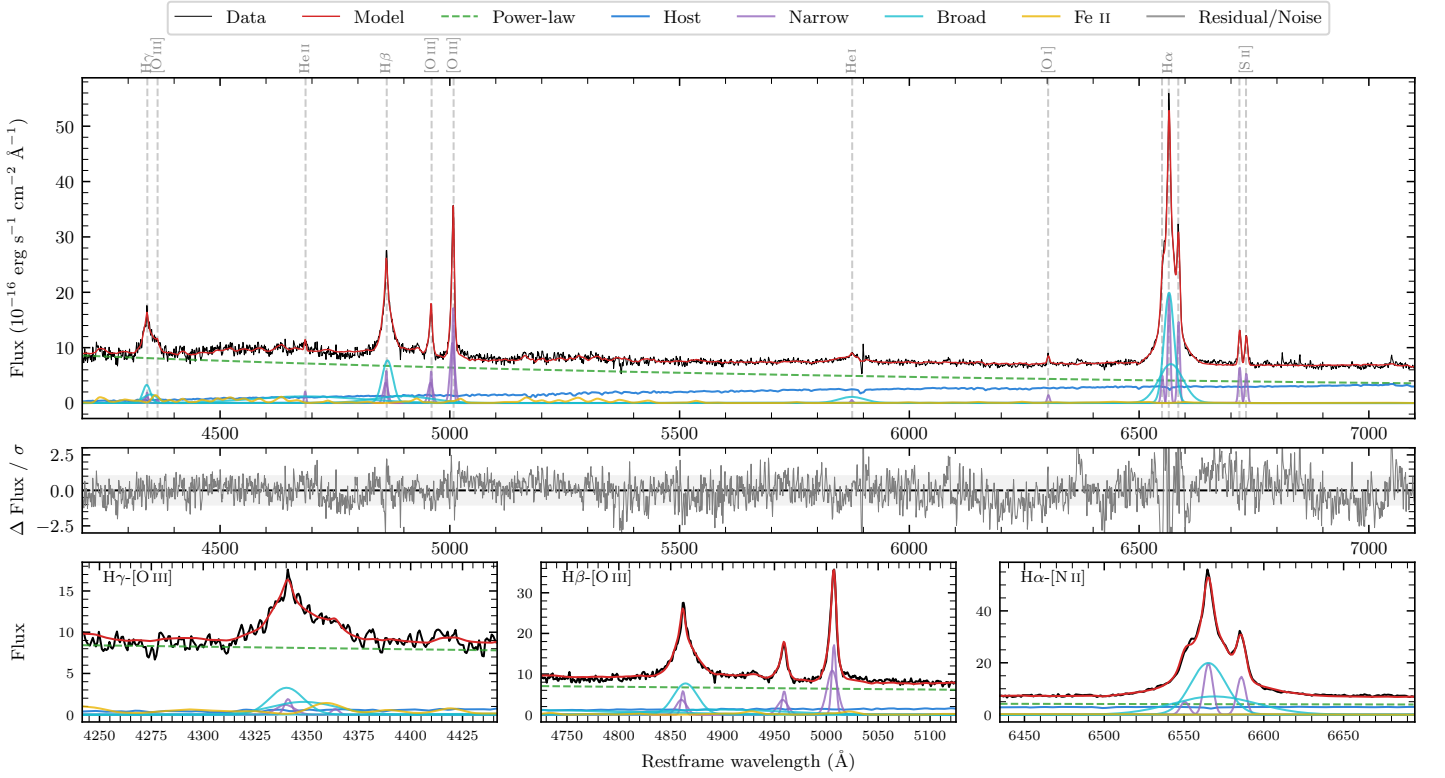
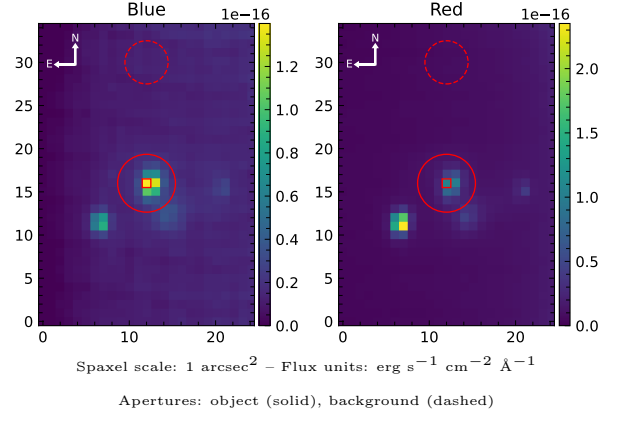


NVSS J082749–142715

Spectrum ID	72381622_sp1	Spectrum type	Sy 1.5
Alt name	g0827501–142713	Quality flag	good
z	0.0682	AGN reference	6dFGS
RA, Dec	126.9589, –14.4535	MW $E(B - V)$	0.043
MJD	60018.45	Power law α_ν	-0.33 ± 0.12
SNR/ \AA B/R	11.8/22.3	$\log L_{5100, \text{AGN}}$	43.55 ± 0.02
Obs airmass	1.05	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.26 ± 0.02
SMSS ID	72381622	$\log M_{L5100}/M_\odot$	7.25 ± 0.03
Neighbour	5.0", 72381621	$\log M_{\text{H}\alpha}/M_\odot$	6.86 ± 0.04
SMSS $\langle r_6^{\text{ap}} \rangle$	16.48 ± 0.14	$\log M_{\text{H}\beta}/M_\odot$	7.24 ± 0.04
2MASS K_{ext}	12.76 ± 0.17	$\log M_{[\text{O III}]} / M_\odot$	7.27 ± 0.03



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.43 ± 0.14	401 ± 63	257 ± 26	2.90 ± 0.40
Hγ Broad	41.20 ± 0.04	1675 ± 200	709 ± 62	16.97 ± 0.75
[O III] 4364	39.58 ± 0.35	296 ± 63	126 ± 25	0.42 ± 0.24
He II Narrow	40.09 ± 0.10	296 ± 63	126 ± 25	1.52 ± 0.24
He II Broad	41.63 ± 0.03	17659 ± 63	7499 ± 25	53.11 ± 2.06
H β Narrow	40.96 ± 0.03	401 ± 63	257 ± 26	12.02 ± 0.41
Hβ Broad	41.71 ± 0.02	1859 ± 68	1629 ± 65	67.67 ± 1.47
[O III] 5007	41.45 ± 0.01	401 ± 63	257 ± 26	38.52 ± 0.44
He I Narrow	39.62 ± 0.15	296 ± 63	126 ± 25	0.74 ± 0.16
He I Broad	40.98 ± 0.03	3380 ± 118	1435 ± 49	17.08 ± 0.59
[O I] 6300	40.06 ± 0.05	296 ± 63	126 ± 25	2.33 ± 0.18
H α Narrow	41.22 ± 0.01	296 ± 63	126 ± 25	36.01 ± 0.27
Hα Broad	42.09 ± 0.01	1404 ± 63	656 ± 25	268.19 ± 0.71
[N II] 6585	41.09 ± 0.01	296 ± 63	126 ± 25	26.80 ± 0.25
[S II] 6718	40.74 ± 0.01	296 ± 63	126 ± 25	12.35 ± 0.26
[S II] 6732	40.66 ± 0.02	296 ± 63	126 ± 25	10.35 ± 0.28

Emission Summary

H α broad SNR	38.40
H β broad SNR	12.62
H γ broad SNR	6.58
AGN frac	0.81
Host frac	0.19
$\log L_{5100, \text{Host}}$	42.92
Fe II/H β	0.44
Fe II/[O III]	0.82

Quality Flags

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