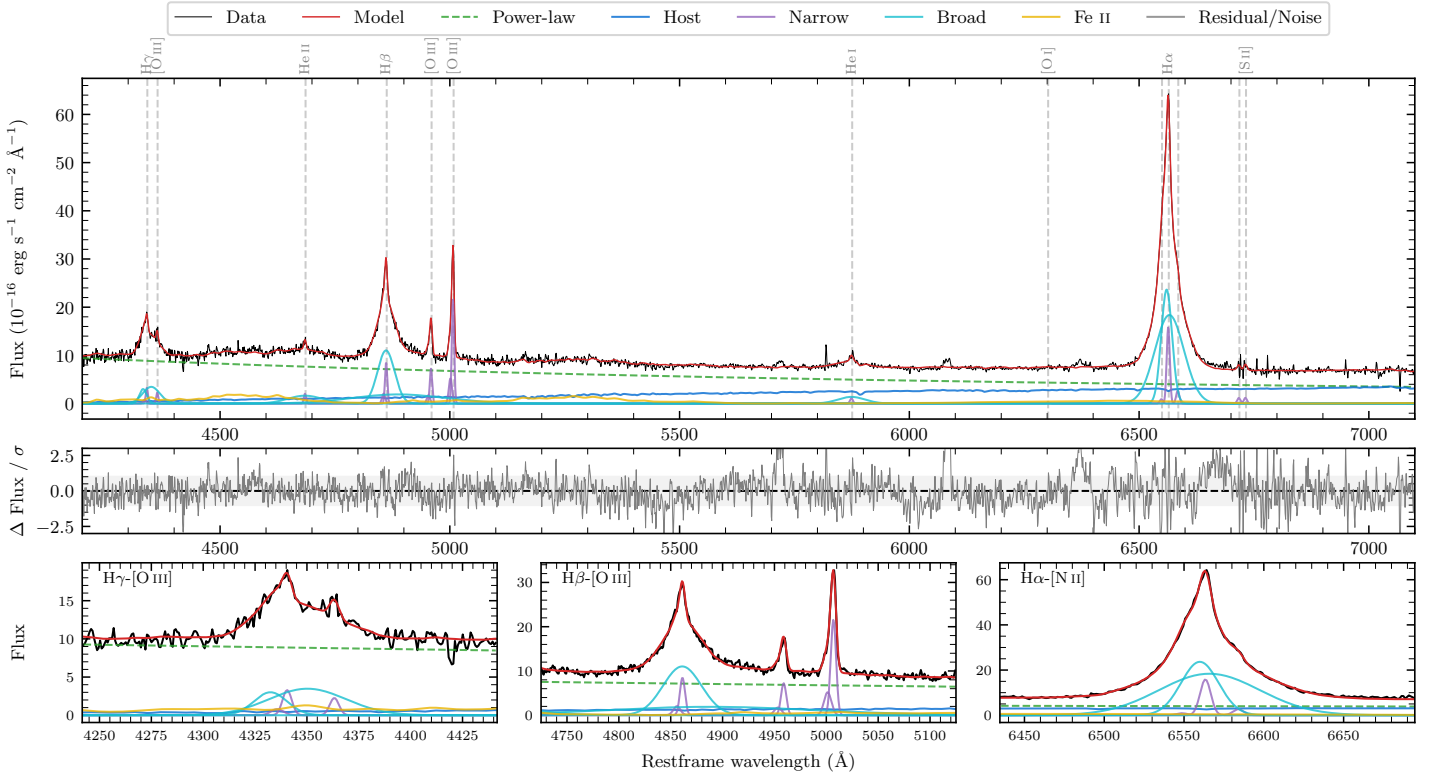
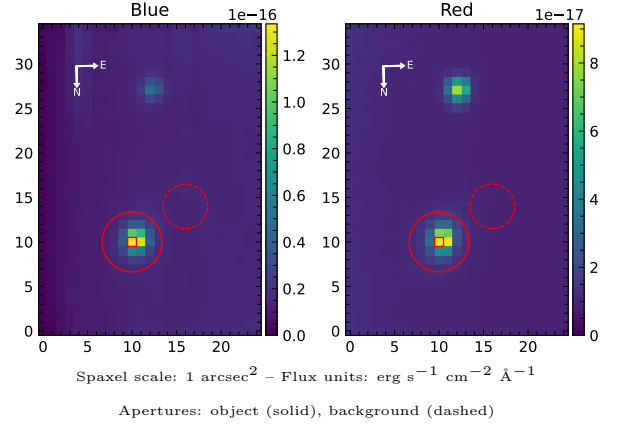


2MASS J05053990-7912013

Spectrum ID	490877201.sp1	Spectrum Type	Sy 1.0
Alt name	4624111912867529344	Quality Flag	good
z	0.0827	AGN reference	AIBRICQS2
RA, Dec	76.4164, -79.2003	MW $E(B-V)$	0.124
MJD	59969.55	Power law α_ν	-0.09 ± 0.11
SNR/Å B/R	14.0/20.8	$\log L_{5100, \text{AGN}}$	43.75 ± 0.01
Obs Airmass	1.57	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.73 ± 0.01
SMSS ID	490877201	$\log M_{L5100}/M_\odot$	7.76 ± 0.02
Closest SMSS	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.39 ± 0.04
SMSS Mean r_{psf}	16.4 ± 0.0	$\log M_{\text{H}\beta}/M_\odot$	7.91 ± 0.02
2MASS K_{ext}	nan \pm nan	$\log M_{[\text{O III}]} / M_\odot$	7.73 ± 0.02



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Å)
H γ Narrow	40.66 ± 0.09	408 ± 63	223 ± 26	2.99 ± 0.29
Hγ Broad	41.61 ± 0.02	2850 ± 239	1070 ± 46	27.16 ± 0.74
[O III] 4364	40.37 ± 0.12	364 ± 63	154 ± 25	1.56 ± 0.25
He II Narrow	40.35 ± 0.10	364 ± 63	154 ± 25	1.73 ± 0.24
He II Broad	41.46 ± 0.04	5683 ± 380	2413 ± 161	21.94 ± 1.00
H β Narrow	41.12 ± 0.03	408 ± 63	223 ± 26	10.71 ± 0.32
Hβ Broad	42.27 ± 0.01	3010 ± 70	2648 ± 88	152.01 ± 1.80
[O III] 5007	41.53 ± 0.01	408 ± 63	223 ± 26	29.66 ± 0.37
He I Narrow	40.20 ± 0.09	364 ± 63	154 ± 25	1.86 ± 0.23
He I Broad	41.27 ± 0.02	3529 ± 173	1498 ± 73	22.31 ± 0.68
[O I] 6300	39.51 ± 0.27	364 ± 63	154 ± 25	0.43 ± 0.24
H α Narrow	41.39 ± 0.02	364 ± 63	154 ± 25	36.06 ± 0.37
Hα Broad	42.60 ± 0.01	1808 ± 65	969 ± 25	580.18 ± 1.01
[N II] 6585	40.62 ± 0.04	364 ± 63	154 ± 25	6.18 ± 0.32
[S II] 6718	40.27 ± 0.08	364 ± 63	154 ± 25	2.84 ± 0.40
[S II] 6732	40.28 ± 0.07	364 ± 63	154 ± 25	2.92 ± 0.41

Emission Summary

H α Broad SNR	60.08
H β Broad SNR	18.53
H γ Broad SNR	7.61
AGN frac	0.82
Host frac	0.18
$\log L_{5100, \text{Host}}$	43.09
Fe II/H β	0.43
Fe II/[O III]	2.32

Quality Flags

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