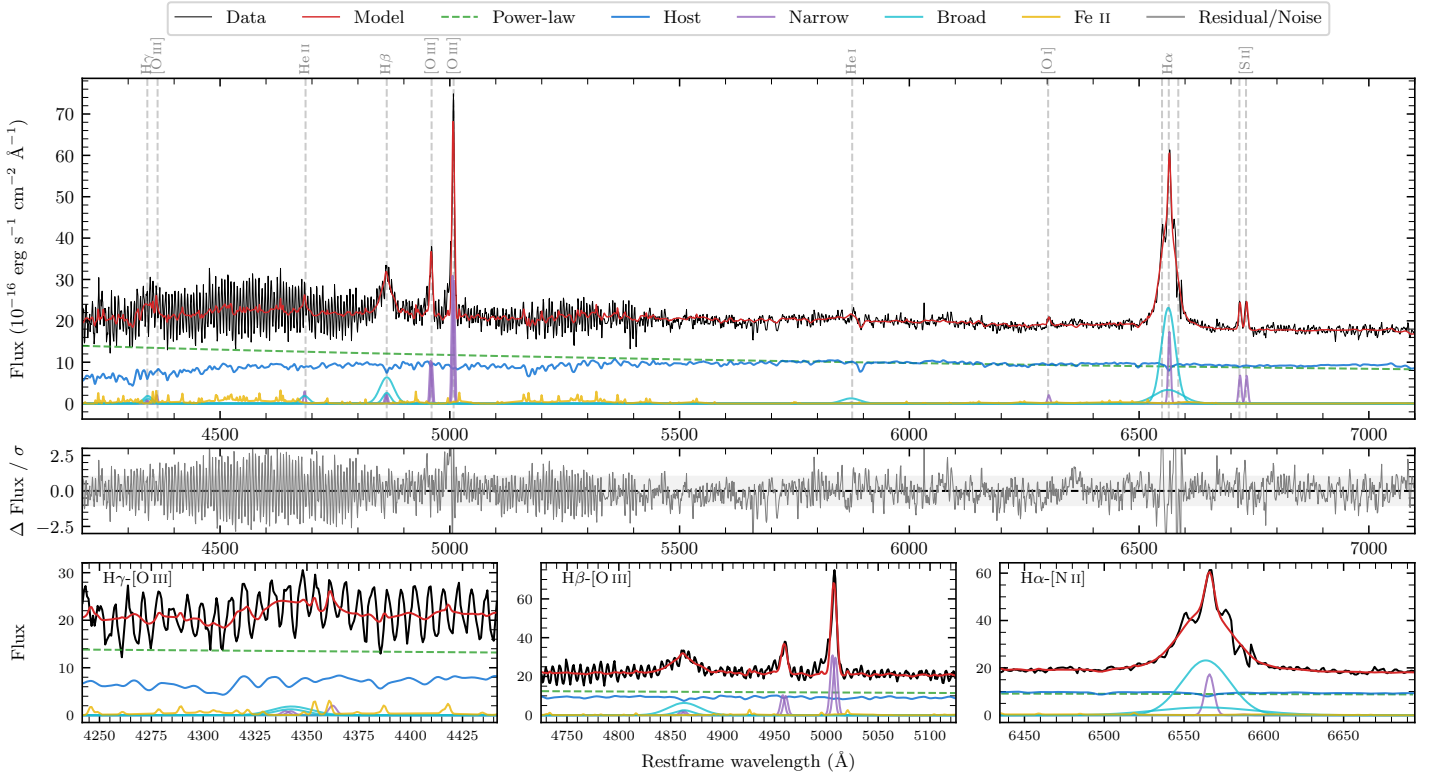
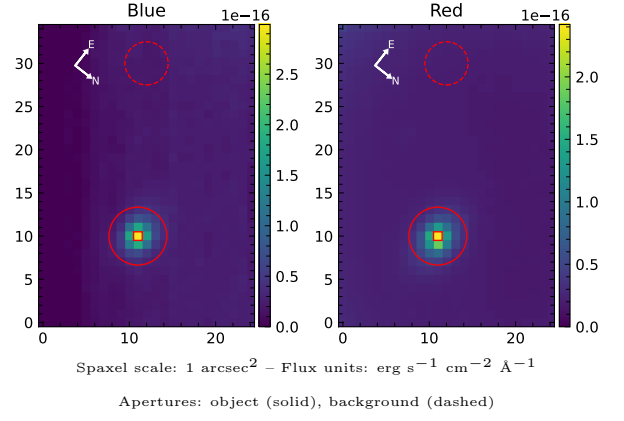


IRAS 05472-2426

Spectrum ID	23413704_sp1	Spectrum Type	Bad
Alt name	g0549149-242552	Quality Flag	bad_all
z	0.0451	AGN reference	6dFGS
RA, Dec	87.3120, -24.4310	MW $E(B - V)$	0.026
MJD	59995.51	Power law α_ν	-1.01 ± 0.10
SNR/ \AA B/R	9.5/17.7	$\log L_{5100, \text{AGN}}$	43.45 ± 0.03
Obs Airmass	1.17	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.04 ± 0.04
SMSS ID	23413704	$\log M_{L5100}/M_\odot$	7.20 ± 0.11
Closest SMSS	5.04", 2046480898	$\log M_{\text{H}\alpha}/M_\odot$	6.84 ± 0.04
SMSS Mean r_{psf}	15.7 ± 0.0	$\log M_{\text{H}\beta}/M_\odot$	6.99 ± 0.12
2MASS K_{ext}	12.5 ± 0.1	$\log M_{[\text{O III}]} / M_\odot$	7.15 ± 0.11



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (\AA)
H γ Narrow	39.60 ± 0.45	395 ± 63	156 ± 25	0.63 ± 0.49
Hγ Broad	40.59 ± 0.15	1410 ± 126	530 ± 40	5.26 ± 1.08
[O III] 4364	39.68 ± 0.35	303 ± 63	128 ± 25	0.74 ± 0.47
He II Narrow	39.87 ± 0.29	303 ± 63	128 ± 25	1.23 ± 0.42
He II Broad	40.35 ± 0.21	1464 ± 64	621 ± 26	3.77 ± 0.92
H β Narrow	40.05 ± 0.24	395 ± 63	156 ± 25	1.96 ± 0.44
Hβ Broad	41.17 ± 0.04	1840 ± 233	715 ± 45	25.69 ± 1.14
[O III] 5007	41.21 ± 0.01	395 ± 63	156 ± 25	29.12 ± 0.47
He I Narrow	—	—	—	—
He I Broad	40.49 ± 0.10	2381 ± 69	1011 ± 28	6.56 ± 0.77
[O I] 6300	39.84 ± 0.13	303 ± 63	128 ± 25	1.56 ± 0.29
H α Narrow	40.78 ± 0.03	303 ± 63	128 ± 25	14.20 ± 0.39
Hα Broad	41.75 ± 0.01	1747 ± 67	693 ± 28	132.80 ± 1.10
[N II] 6585	—	—	—	—
[S II] 6718	40.39 ± 0.04	303 ± 63	128 ± 25	5.85 ± 0.32
[S II] 6732	40.38 ± 0.04	303 ± 63	128 ± 25	5.81 ± 0.33

Emission Summary

H α Broad SNR	11.88
H β Broad SNR	4.08
H γ Broad SNR	1.62
AGN frac	0.57
Host frac	0.43
$\log L_{5100, \text{Host}}$	43.33
Fe II/H β	0.85
Fe II/[O III]	0.77

Quality Flags

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