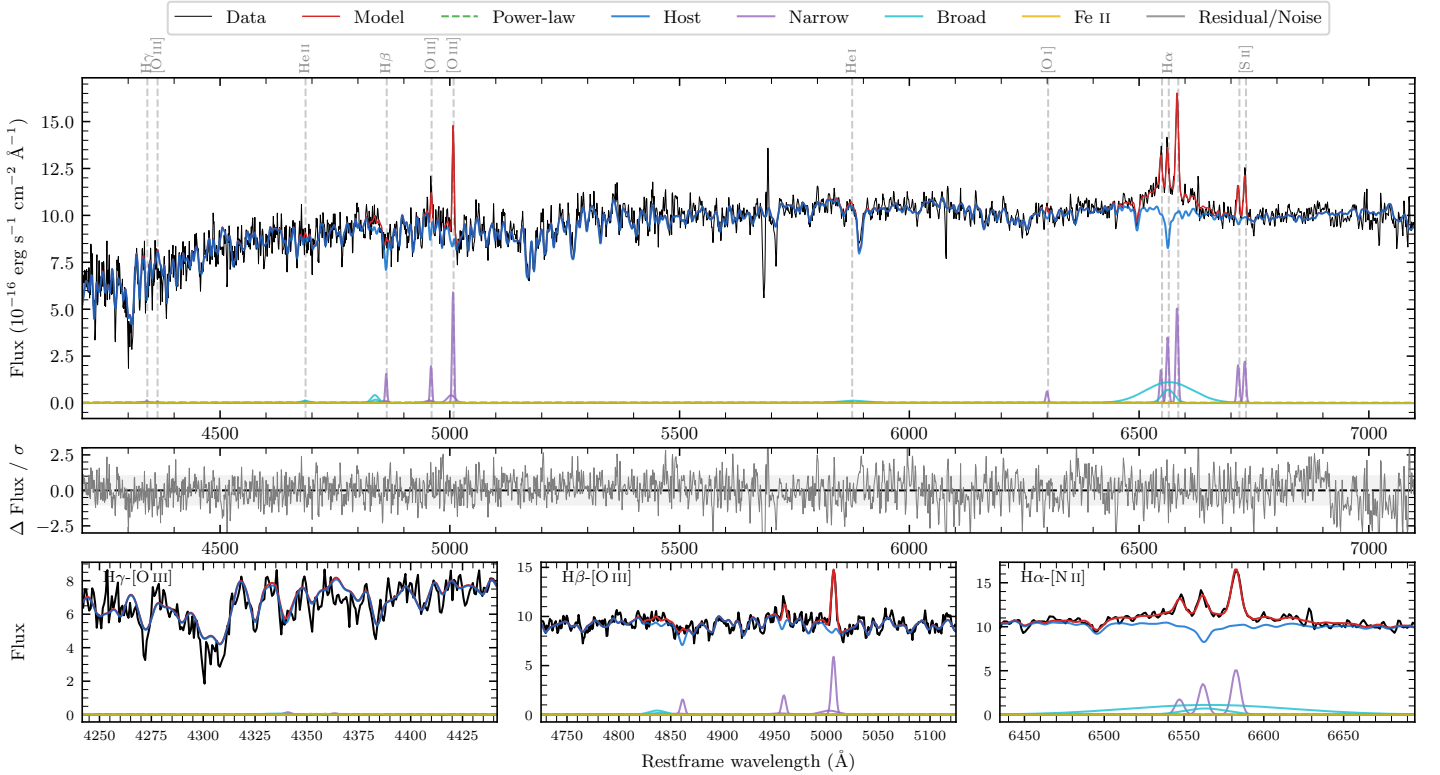
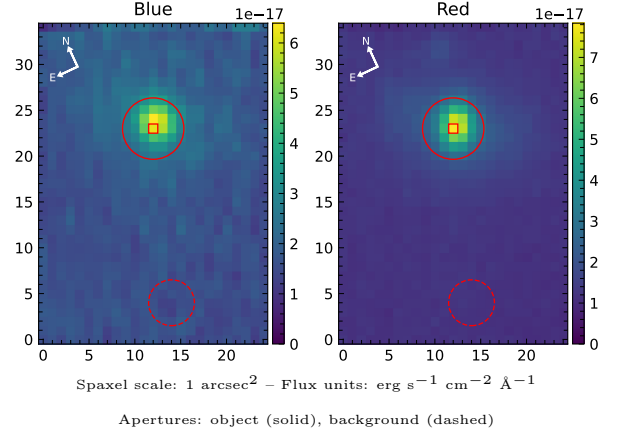


FRL 788

Spectrum ID	501814955_sp2	Spectrum type	Sy 1.5
Alt name	g0503011-482201	Quality flag	good
z	0.0359	AGN reference	6dFGS
RA, Dec	75.7543, -48.3669	MW $E(B - V)$	0.010
MJD	60585.75	Power law α_ν	-0.68 ± 0.34
SNR/ \AA B/R	14.7/32.1	$\log L_{5100, \text{AGN}}$	40.54 ± 0.65
Obs airmass	1.05	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.47 ± 0.14
SMSS ID	501814955	$\log M_{L5100}/M_\odot$	5.57 ± 0.29
Neighbour	8.5", 501824986	$\log M_{H\alpha}/M_\odot$	6.73 ± 0.14
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	15.91 ± 0.04	$\log M_{H\beta}/M_\odot$	5.92 ± 0.10
2MASS K_{ext}	11.83 ± 0.08	$\log M_{[\text{O III}]} / M_\odot$	6.23 ± 0.07



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Angstroms)
H γ Narrow	—	—	—	—
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	—	—	—	—
He II Broad	38.96 ± 0.47	1406 ± 62	597 ± 25	119.82 ± 119.66
H β Narrow	39.50 ± 0.11	301 ± 63	294 ± 57	435.74 ± 101.27
Hβ Broad	39.62 ± 0.13	1199 ± 31	191 ± 25	528.26 ± 104.40
[O III] 5007	40.09 ± 0.05	301 ± 63	294 ± 57	1765.13 ± 116.40
He I Narrow	—	—	—	—
He I Broad	39.48 ± 0.23	3607 ± 62	1532 ± 25	532.95 ± 153.62
[O I] 6300	39.10 ± 0.14	295 ± 62	122 ± 25	243.99 ± 46.96
H α Narrow	39.87 ± 0.03	295 ± 62	122 ± 25	1507.58 ± 49.41
Hα Broad	40.72 ± 0.02	3195 ± 452	1795 ± 38	10742.90 ± 231.56
[N II] 6585	40.04 ± 0.02	295 ± 62	122 ± 25	2230.52 ± 56.54
[S II] 6718	39.64 ± 0.04	295 ± 62	122 ± 25	924.26 ± 54.13
[S II] 6732	39.68 ± 0.04	295 ± 62	122 ± 25	1013.06 ± 55.08

Emission Summary

H α broad SNR	2.97
H β broad SNR	1.06
H γ broad SNR	0.00
AGN frac	0.00
Host frac	1.00
$\log L_{5100, \text{Host}}$	43.13
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

spurious_hab/hbb	0/0
15100	2
balmer	1
balmer_snr	2
hb_width	2
balmer_width	2