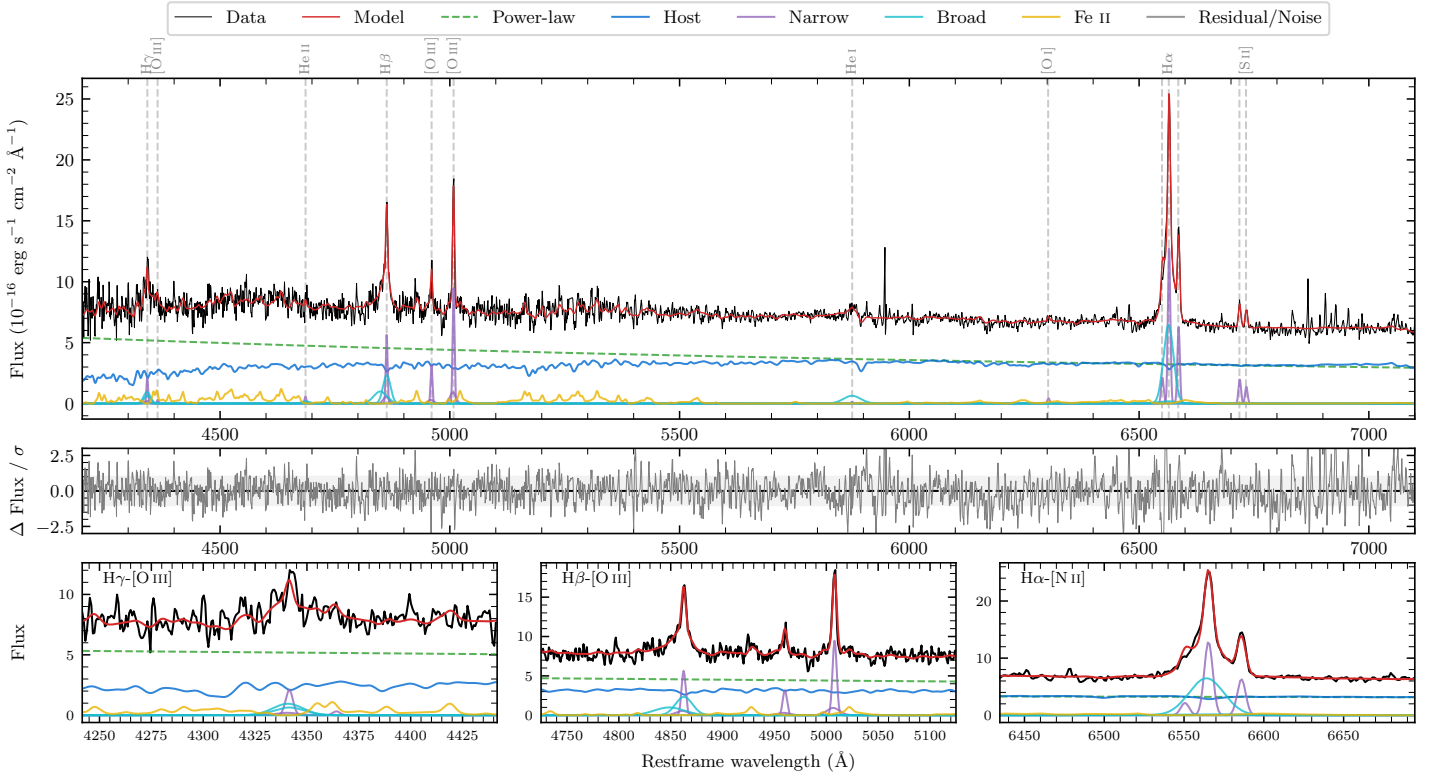
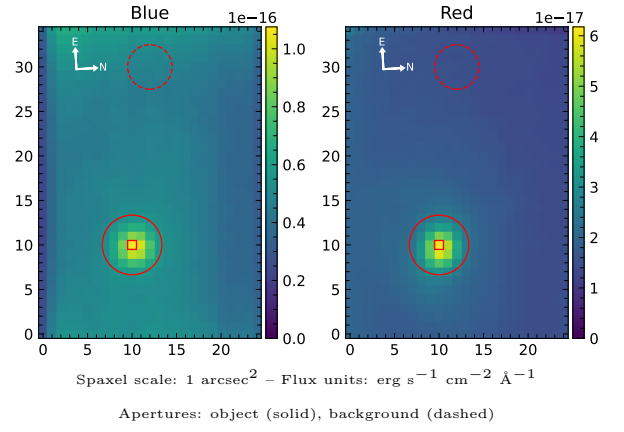


Z 5-37

Spectrum ID	76067578_sp1	Spectrum Type	Sy 1.5
Alt name	g0856178-013807	Quality Flag	good
z	0.0595	AGN reference	6dFGS
RA, Dec	134.0743, -1.6354	MW $E(B - V)$	0.019
MJD	59015.37	Power law α_ν	-0.85 ± 0.07
SNR/ \AA B/R	11.0/21.6	$\log L_{5100, \text{AGN}}$	43.27 ± 0.02
Obs Airmass	1.79	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.12 ± 0.05
SMSS ID	76067578	$\log M_{L5100}/M_\odot$	6.92 ± 0.08
Closest SMSS	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.19 ± 0.06
SMSS Mean r_{psf}	16.1 ± 0.1	$\log M_{\text{H}\beta}/M_\odot$	6.65 ± 0.10
2MASS K_{ext}	12.6 ± 0.1	$\log M_{[\text{O III}]} / M_\odot$	6.72 ± 0.09



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	40.04 ± 0.17	304 ± 63	214 ± 36	2.48 ± 0.62
Hγ Broad	40.46 ± 0.12	1184 ± 63	440 ± 25	5.93 ± 0.75
[O III] 4364	—	—	—	—
He II Narrow	39.38 ± 0.35	289 ± 63	121 ± 25	0.60 ± 0.33
He II Broad	39.56 ± 0.42	1206 ± 65	512 ± 26	0.88 ± 0.67
H β Narrow	40.51 ± 0.06	304 ± 63	214 ± 36	8.43 ± 0.58
Hβ Broad	40.88 ± 0.05	1455 ± 135	608 ± 37	19.40 ± 0.92
[O III] 5007	40.75 ± 0.03	304 ± 63	214 ± 36	15.09 ± 0.60
He I Narrow	38.88 ± 0.45	289 ± 63	121 ± 25	0.24 ± 0.20
He I Broad	40.44 ± 0.05	2247 ± 66	954 ± 26	8.72 ± 0.65
[O I] 6300	39.40 ± 0.17	289 ± 63	121 ± 25	0.88 ± 0.21
H α Narrow	40.89 ± 0.01	289 ± 63	121 ± 25	28.25 ± 0.28
Hα Broad	41.23 ± 0.01	1197 ± 64	445 ± 34	62.02 ± 0.74
[N II] 6585	40.58 ± 0.02	289 ± 63	121 ± 25	13.95 ± 0.27
[S II] 6718	40.09 ± 0.04	289 ± 63	121 ± 25	4.61 ± 0.24
[S II] 6732	39.93 ± 0.06	289 ± 63	121 ± 25	3.20 ± 0.24

Emission Summary

H α Broad SNR	10.12
H β Broad SNR	4.54
H γ Broad SNR	2.64
AGN frac	0.59
Host frac	0.41
$\log L_{5100, \text{Host}}$	43.12
Fe II/H β	1.86
Fe II/[O III]	2.48

Quality Flags

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