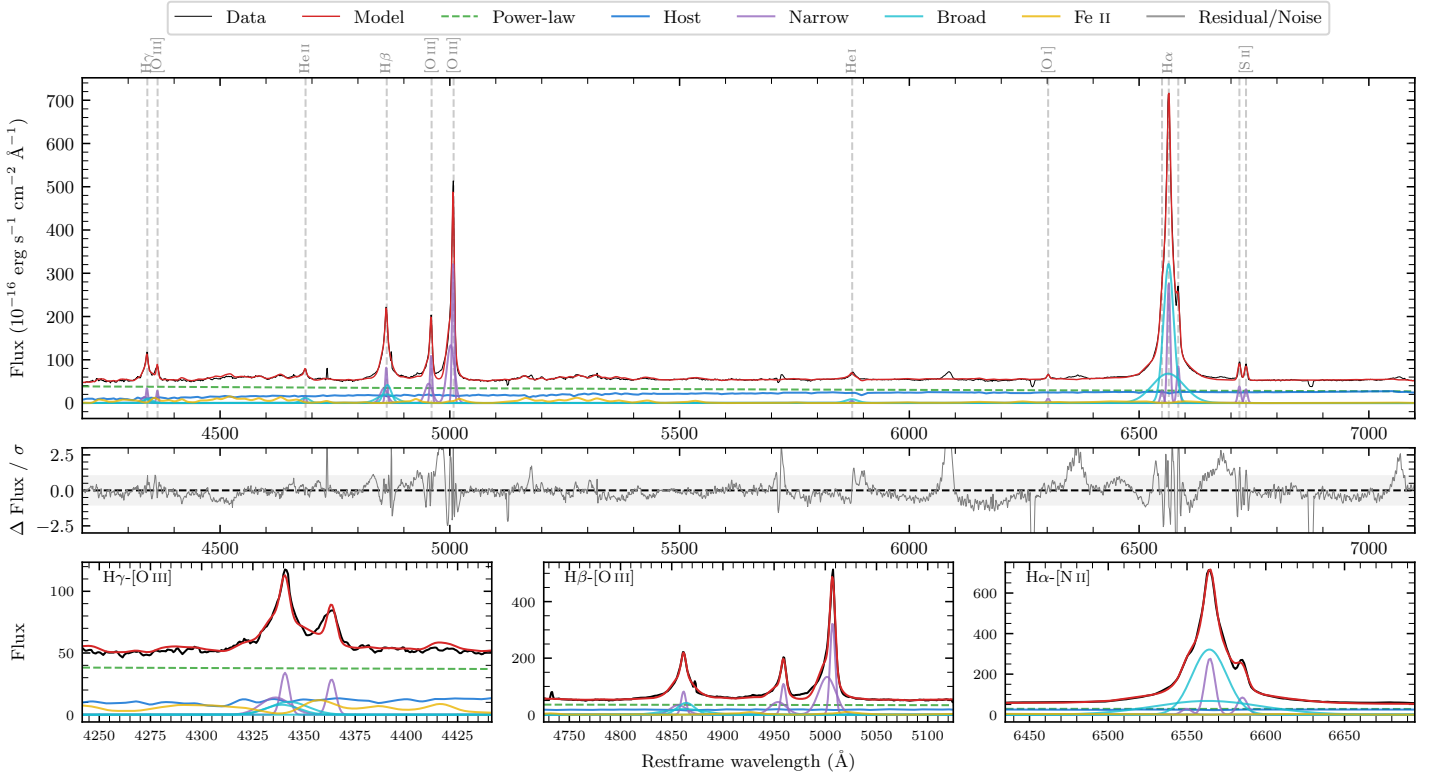
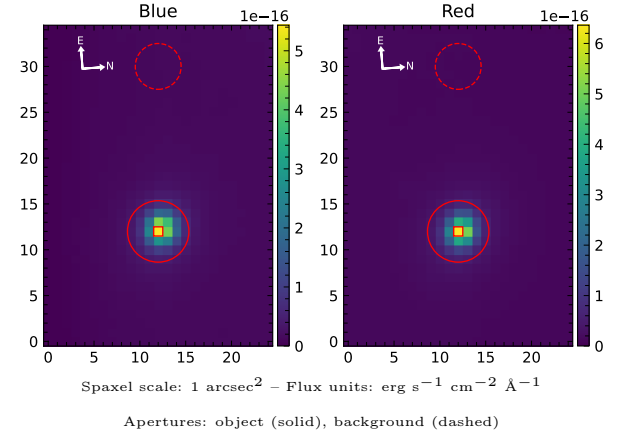


Spectrum ID	90272928_sp1	Spectrum type	Sy 1.5
Alt name	g0952191–013644	Quality flag	good
$z$	0.0195	AGN reference	6dFGS
RA, Dec	148.0796, –1.6121	MW $E(B - V)$	0.055
MJD	59671.52	Power law $\alpha_\nu$	$-1.33 \pm 0.33$
SNR/ $\text{\AA}$ B/R	10.6/18.4	$\log L_{5100, \text{AGN}}$	$43.18 \pm 0.04$
Obs airmass	1.22	$\log H\beta_{\text{Br}}/[\text{O III}]$	$-0.39 \pm 0.04$
SMSS ID	90272928	$\log M_{L5100}/M_\odot$	$6.93 \pm 0.07$
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	$6.84 \pm 0.04$
SMSS $\langle r_6''_{\text{ap}} \rangle$	$14.30 \pm 0.10$	$\log M_{\text{H}\beta}/M_\odot$	$6.87 \pm 0.07$
2MASS $K_{\text{ext}}$	$9.60 \pm 0.01$	$\log M_{[\text{O III}]} / M_\odot$	$7.20 \pm 0.06$



### Emission Line Measurements

Line	$\log L$ ( $\text{erg s}^{-1}$ )	FWHM ( $\text{km s}^{-1}$ )	$\sigma$ ( $\text{km s}^{-1}$ )	EW ( $\text{\AA}$ )
H $\gamma$ Narrow	$40.59 \pm 0.09$	$438 \pm 63$	$420 \pm 25$	$11.74 \pm 0.79$
<b>H<math>\gamma</math> Broad</b>	<b><math>40.61 \pm 0.11</math></b>	<b><math>1473 \pm 216</math></b>	<b><math>534 \pm 85</math></b>	<b><math>11.11 \pm 0.88</math></b>
[O III] 4364	$40.14 \pm 0.09$	$349 \pm 63$	$148 \pm 25$	$4.20 \pm 0.41$
He II Narrow	$39.88 \pm 0.14$	$349 \pm 63$	$148 \pm 25$	$2.38 \pm 0.35$
<b>He II Broad</b>	<b><math>40.43 \pm 0.08</math></b>	<b><math>1415 \pm 205</math></b>	<b><math>601 \pm 87</math></b>	<b><math>8.11 \pm 0.71</math></b>
H $\beta$ Narrow	$41.02 \pm 0.03$	$438 \pm 63$	$420 \pm 25$	$34.31 \pm 0.72$
<b>H<math>\beta</math> Broad</b>	<b><math>41.24 \pm 0.04</math></b>	<b><math>1552 \pm 111</math></b>	<b><math>708 \pm 161</math></b>	<b><math>54.65 \pm 1.04</math></b>
[O III] 5007	$41.63 \pm 0.01$	$438 \pm 63$	$420 \pm 25$	$142.53 \pm 0.80$
He I Narrow	$39.60 \pm 0.18$	$349 \pm 63$	$148 \pm 25$	$1.47 \pm 0.26$
<b>He I Broad</b>	<b><math>40.44 \pm 0.05</math></b>	<b><math>1681 \pm 215</math></b>	<b><math>714 \pm 91</math></b>	<b><math>10.27 \pm 0.57</math></b>
[O I] 6300	$39.87 \pm 0.07$	$349 \pm 63$	$148 \pm 25$	$2.89 \pm 0.29$
H $\alpha$ Narrow	$41.30 \pm 0.02$	$349 \pm 63$	$148 \pm 25$	$80.50 \pm 0.70$
<b>H<math>\alpha</math> Broad</b>	<b><math>42.12 \pm 0.01</math></b>	<b><math>1346 \pm 65</math></b>	<b><math>695 \pm 30</math></b>	<b><math>527.95 \pm 1.25</math></b>
[N II] 6585	$40.79 \pm 0.02$	$349 \pm 63$	$148 \pm 25$	$24.76 \pm 0.50$
[S II] 6718	$40.45 \pm 0.02$	$349 \pm 63$	$148 \pm 25$	$11.54 \pm 0.33$
[S II] 6732	$40.38 \pm 0.03$	$349 \pm 63$	$148 \pm 25$	$9.64 \pm 0.35$

### Emission Summary

H $\alpha$ broad SNR	71.35
H $\beta$ broad SNR	11.31
H $\gamma$ broad SNR	3.47
AGN frac	0.65
Host frac	0.35
$\log L_{5100, \text{Host}}$	42.91
Fe II/H $\beta$	1.39
Fe II/[O III]	0.54

### Quality Flags

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