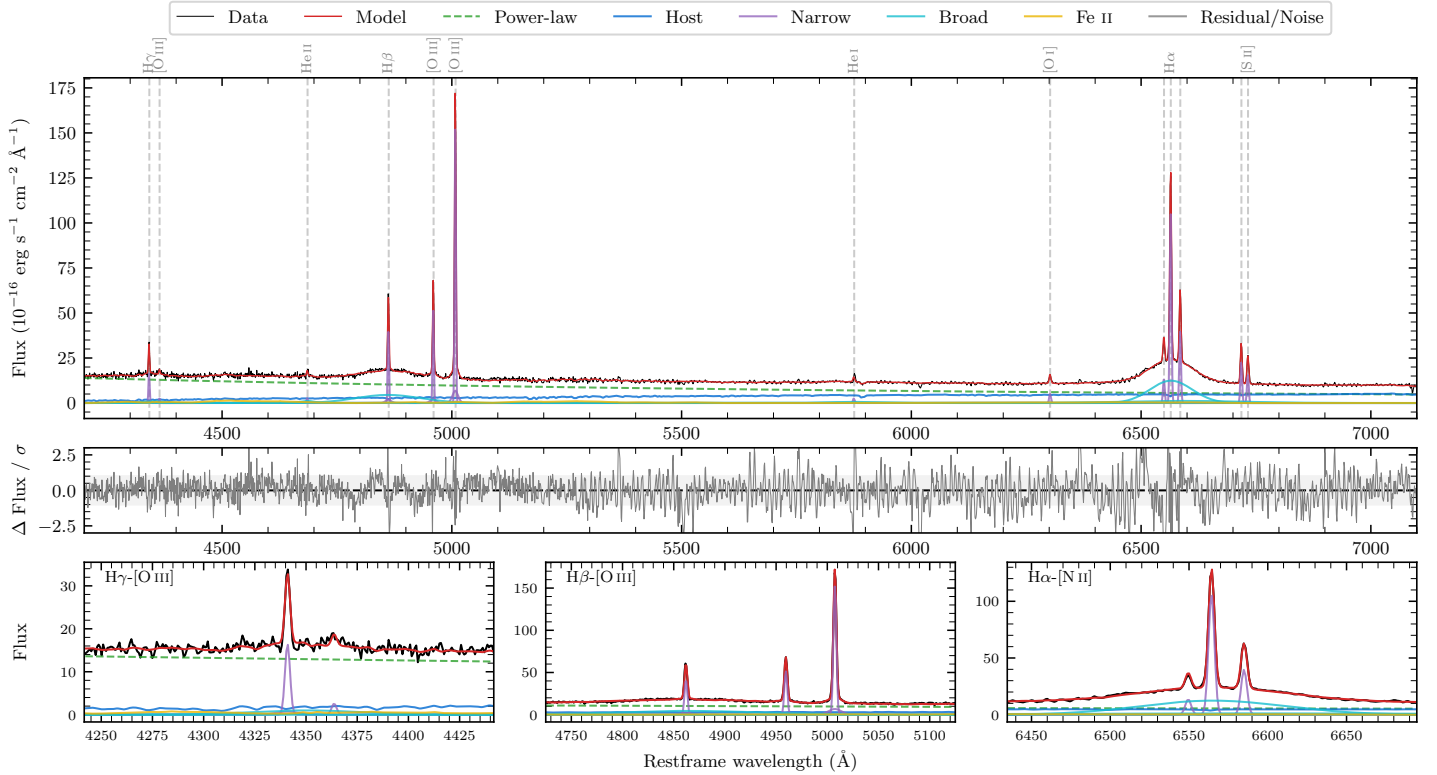
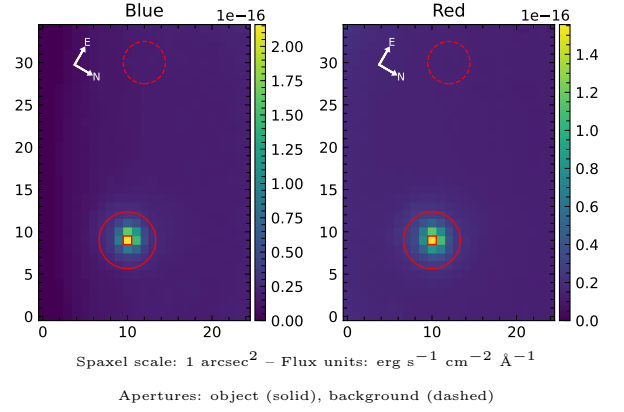


# LEDA 3096058

Spectrum ID	91619413_sp2	Spectrum type	Sy 1.5
Alt name	g1136354-222935	Quality flag	good
$z$	0.0724	AGN reference	6dFGS
RA, Dec	174.1474, -22.4932	MW $E(B - V)$	0.037
MJD	59673.65	Power law $\alpha_\nu$	$0.06 \pm 0.09$
SNR/ $\text{\AA}$ B/R	14.1/23.8	$\log L_{5100, \text{AGN}}$	$43.78 \pm 0.01$
Obs airmass	1.26	$\log H\beta_{\text{Br}} / [\text{O III}]$	$0.09 \pm 0.02$
SMSS ID	91619413	$\log M_{L5100} / M_\odot$	$8.79 \pm 0.04$
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha} / M_\odot$	$8.19 \pm 0.02$
SMSS $\langle r_6'' \text{ap} \rangle$	$15.95 \pm 0.03$	$\log M_{\text{H}\beta} / M_\odot$	$8.83 \pm 0.05$
2MASS $K_{\text{ext}}$	$12.65 \pm 0.10$	$\log M_{[\text{O III}]} / M_\odot$	$8.95 \pm 0.05$



## 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	$40.92 \pm 0.03$	$211 \pm 62$	$167 \pm 28$	$5.03 \pm 0.34$
<b>H<math>\gamma</math> Broad</b>	<b><math>40.99 \pm 0.12</math></b>	<b><math>3688 \pm 671</math></b>	<b><math>1528 \pm 135</math></b>	<b><math>5.86 \pm 0.77</math></b>
[O III] 4364	$40.04 \pm 0.17$	$203 \pm 62$	$86 \pm 25$	$0.67 \pm 0.16$
He II Narrow	$40.10 \pm 0.14$	$203 \pm 62$	$86 \pm 25$	$0.89 \pm 0.17$
<b>He II Broad</b>	<b><math>40.82 \pm 0.12</math></b>	<b><math>2346 \pm 292</math></b>	<b><math>996 \pm 124</math></b>	<b><math>4.45 \pm 0.58</math></b>
H $\beta$ Narrow	$41.37 \pm 0.01$	$211 \pm 62$	$167 \pm 28$	$17.83 \pm 0.38$
<b>H<math>\beta</math> Broad</b>	<b><math>42.04 \pm 0.02</math></b>	<b><math>9711 \pm 493</math></b>	<b><math>3772 \pm 89</math></b>	<b><math>83.35 \pm 1.38</math></b>
[O III] 5007	$41.95 \pm 0.01$	$211 \pm 62$	$167 \pm 28$	$72.50 \pm 0.44$
He I Narrow	$40.17 \pm 0.07$	$203 \pm 62$	$86 \pm 25$	$1.65 \pm 0.15$
<b>He I Broad</b>	<b><math>41.12 \pm 0.06</math></b>	<b><math>6962 \pm 510</math></b>	<b><math>2956 \pm 216</math></b>	<b><math>14.10 \pm 0.81</math></b>
[O I] 6300	$40.50 \pm 0.03$	$203 \pm 62$	$86 \pm 25$	$4.10 \pm 0.15$
H $\alpha$ Narrow	$41.84 \pm 0.01$	$203 \pm 62$	$86 \pm 25$	$96.55 \pm 0.25$
<b>H<math>\alpha</math> Broad</b>	<b><math>42.40 \pm 0.01</math></b>	<b><math>5232 \pm 72</math></b>	<b><math>2286 \pm 62</math></b>	<b><math>354.91 \pm 1.76</math></b>
[N II] 6585	$41.41 \pm 0.01$	$203 \pm 62$	$86 \pm 25$	$36.34 \pm 0.22$
[S II] 6718	$41.17 \pm 0.01$	$203 \pm 62$	$86 \pm 25$	$22.04 \pm 0.23$
[S II] 6732	$41.02 \pm 0.01$	$203 \pm 62$	$86 \pm 25$	$15.39 \pm 0.21$

## Emission Summary

H $\alpha$ broad SNR	14.27
H $\beta$ broad SNR	5.07
H $\gamma$ broad SNR	1.32
AGN frac	0.76
Host frac	0.24
$\log L_{5100, \text{Host}}$	43.28
Fe II/H $\beta$	0.34
Fe II/[O III]	0.41

## Quality Flags

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