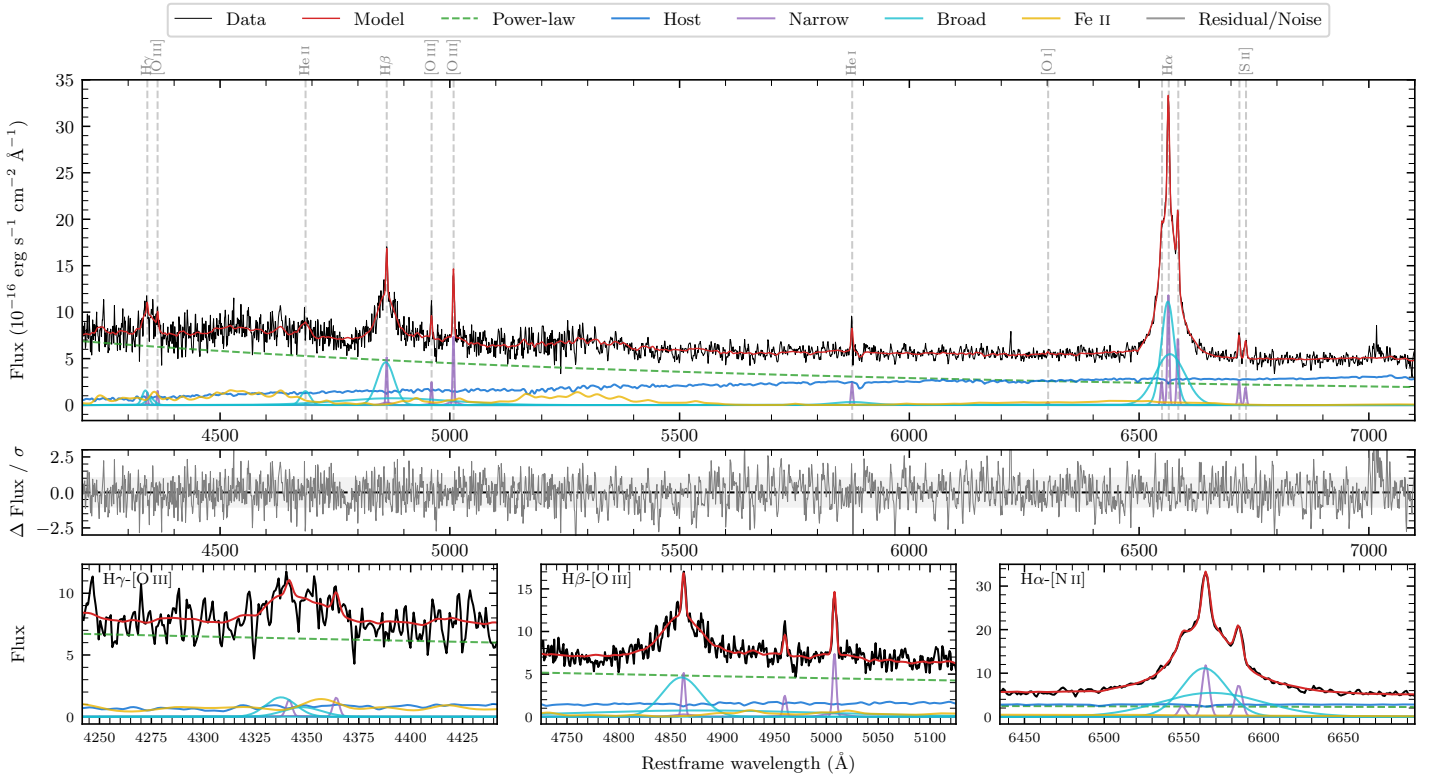
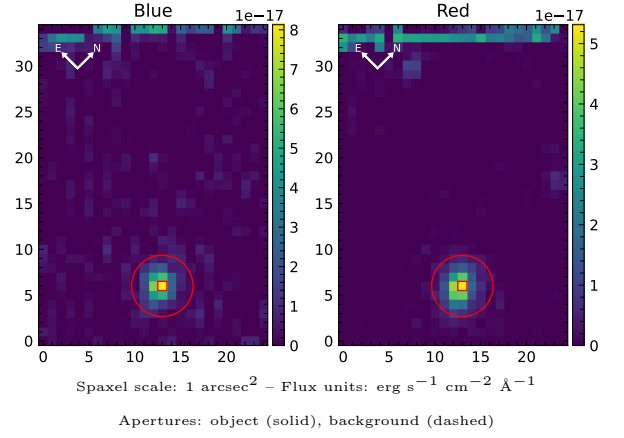


# 2596616800574068864

Spectrum ID		Spectrum type	
Spectrum ID	6126700_sp1	Spectrum type	Sy 1.0
Alt name	2596616800574068864	Quality flag	good
$z$	0.0725	AGN reference	<a href="#">AllBRICS2</a>
RA, Dec	339.7580, -16.0930	MW $E(B - V)$	0.044
MJD	60918.54	Power law $\alpha_\nu$	$0.41 \pm 0.07$
SNR/ $\text{\AA}$ B/R	8.5/12.3	$\log L_{5100, \text{AGN}}$	$43.45 \pm 0.02$
Obs airmass	1.07	$\log H\beta_{\text{Br}}/[\text{O III}]$	$0.71 \pm 0.19$
SMSS ID	<a href="#">6126700</a>	$\log M_{L5100}/M_\odot$	$7.52 \pm 0.03$
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	$7.10 \pm 0.03$
SMSS $\langle r_{6''} \rangle_{\text{ap}}$	$16.33 \pm 0.06$	$\log M_{\text{H}\beta}/M_\odot$	$7.45 \pm 0.09$
2MASS $K_{\text{ext}}$	$12.94 \pm 0.11$	$\log M_{[\text{O III}]} / M_\odot$	$7.25 \pm 0.05$



## Emission Line Measurements

Line	$\log L$ (erg s <sup>-1</sup> )	FWHM (km s <sup>-1</sup> )	$\sigma$ (km s <sup>-1</sup> )	EW (Å)
H $\gamma$ Narrow	$39.96 \pm 0.29$	$253 \pm 63$	$302 \pm 78$	$1.12 \pm 0.79$
<b>H<math>\gamma</math> Broad</b>	<b><math>40.81 \pm 0.09</math></b>	<b><math>1455 \pm 197</math></b>	<b><math>556 \pm 42</math></b>	<b><math>7.87 \pm 0.86</math></b>
[O III] 4364	$39.90 \pm 0.22$	$246 \pm 63$	$103 \pm 25$	$0.99 \pm 0.32$
He II Narrow	–	–	–	–
<b>He II Broad</b>	–	–	–	–
H $\beta$ Narrow	$40.59 \pm 0.09$	$253 \pm 63$	$302 \pm 78$	$6.31 \pm 0.87$
<b>H<math>\beta</math> Broad</b>	<b><math>41.47^{+0.31}_{-0.02}</math></b>	<b><math>2675 \pm 65</math></b>	<b><math>997 \pm 31</math></b>	<b><math>47.22 \pm 1.27</math></b>
[O III] 5007	$40.76 \pm 0.06$	$253 \pm 63$	$302 \pm 78$	$9.88 \pm 0.96$
He I Narrow	$40.22 \pm 0.10$	$246 \pm 63$	$103 \pm 25$	$4.19 \pm 0.46$
<b>He I Broad</b>	<b><math>40.67 \pm 0.11</math></b>	<b><math>4920 \pm 121</math></b>	<b><math>2089 \pm 51</math></b>	<b><math>11.98 \pm 1.58</math></b>
[O I] 6300	$39.40 \pm 0.29$	$246 \pm 63$	$103 \pm 25$	$0.76 \pm 0.37$
H $\alpha$ Narrow	$40.96 \pm 0.02$	$246 \pm 63$	$103 \pm 25$	$30.54 \pm 0.58$
<b>H<math>\alpha</math> Broad</b>	<b><math>42.06 \pm 0.01</math></b>	<b><math>1889 \pm 68</math></b>	<b><math>887 \pm 25</math></b>	<b><math>385.89 \pm 1.90</math></b>
[N II] 6585	$40.75 \pm 0.02$	$246 \pm 63$	$103 \pm 25$	$18.93 \pm 0.52$
[S II] 6718	$40.31 \pm 0.05$	$246 \pm 63$	$103 \pm 25$	$7.24 \pm 0.49$
[S II] 6732	$40.18 \pm 0.06$	$246 \pm 63$	$103 \pm 25$	$5.33 \pm 0.47$

## Emission Summary

H $\alpha$ broad SNR	19.95
H $\beta$ broad SNR	5.55
H $\gamma$ broad SNR	2.49
AGN frac	0.73
Host frac	0.26
$\log L_{5100, \text{Host}}$	43.01
Fe II/H $\beta$	–
Fe II/[O III]	–

## Quality Flags

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