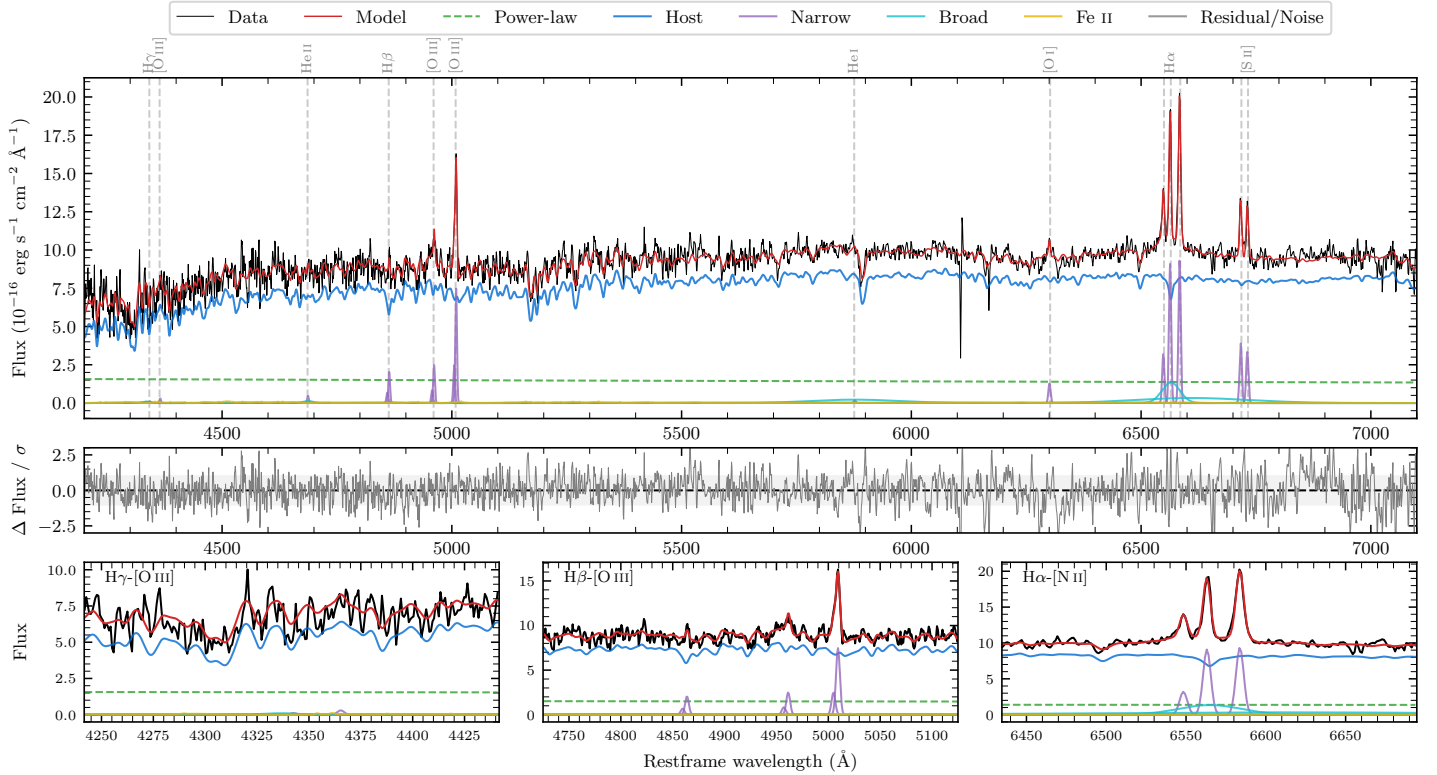
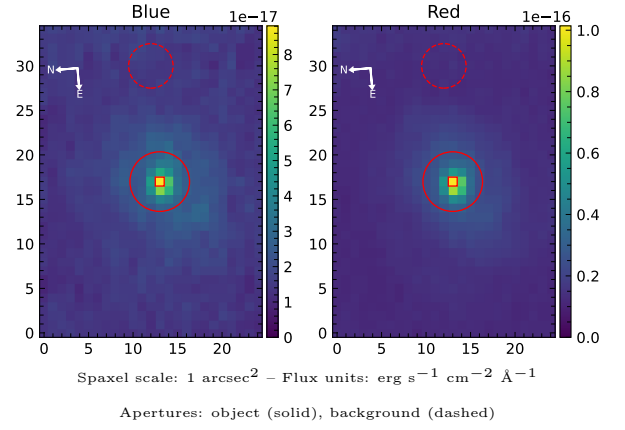


# LEDA 3706699

|  |                   |  |                  |
|--|-------------------|--|------------------|
| Spectrum ID                            | 32657740_sp1      | Spectrum type                            | Sy 1.5+          |
| Alt name                               | g0603118-265905   | Quality flag                             | good             |
| $z$                                    | 0.0313            | AGN reference                            | 6dFGS            |
| RA, Dec                                | 90.7989, -26.9848 | MW $E(B - V)$                            | 0.025            |
| MJD                                    | 60287.62          | Power law $\alpha_\nu$                   | $-1.71 \pm 0.16$ |
| SNR/ $\text{\AA}$ B/R                  | 12.9/27.1         | $\log L_{5100, \text{AGN}}$              | $42.23 \pm 0.05$ |
| Obs airmass                            | 1.00              | $\log H\beta_{\text{Br}}/[\text{O III}]$ | $< -0.12$        |
| SMSS ID                                | 32657740          | $\log M_{L5100}/M_\odot$                 | —                |
| Neighbour                              | 10.1", 2060080984 | $\log M_{\text{H}\alpha}/M_\odot$        | $6.42 \pm 0.07$  |
| SMSS $\langle r_6'' \text{ap} \rangle$ | $16.27 \pm 0.05$  | $\log M_{\text{H}\beta}/M_\odot$         | —                |
| 2MASS $K_{\text{ext}}$                 | $12.16 \pm 0.12$  | $\log M_{[\text{O III}]} / M_\odot$      | —                |



## Emission Line Measurements

| Line                              | $\log L$ (erg s $^{-1}$ )          | FWHM (km s $^{-1}$ )             | $\sigma$ (km s $^{-1}$ )         | EW (Angstroms)                      |
|-----------------------------------|------------------------------------|----------------------------------|----------------------------------|-------------------------------------|
| H $\gamma$ Narrow                 | —                                  | —                                | —                                | —                                   |
| <b>H<math>\gamma</math> Broad</b> | —                                  | —                                | —                                | —                                   |
| [O III] 4364                      | —                                  | —                                | —                                | —                                   |
| He II Narrow                      | $38.68 \pm 0.38$                   | $265 \pm 62$                     | $111 \pm 25$                     | $1.42 \pm 0.94$                     |
| <b>He II Broad</b>                | <b><math>38.92 \pm 0.48</math></b> | <b><math>1661 \pm 62</math></b>  | <b><math>705 \pm 25</math></b>   | <b><math>2.46 \pm 2.30</math></b>   |
| H $\beta$ Narrow                  | $39.46 \pm 0.08$                   | $321 \pm 66$                     | $158 \pm 25$                     | $8.56 \pm 0.87$                     |
| <b>H<math>\beta</math> Broad</b>  | $< 39.91$                          | —                                | —                                | —                                   |
| [O III] 5007                      | $40.03 \pm 0.02$                   | $321 \pm 66$                     | $158 \pm 25$                     | $32.15 \pm 1.00$                    |
| He I Narrow                       | $38.39 \pm 0.44$                   | $265 \pm 62$                     | $111 \pm 25$                     | $0.78 \pm 0.58$                     |
| <b>He I Broad</b>                 | <b><math>40.08 \pm 0.10</math></b> | <b><math>11273 \pm 62</math></b> | <b><math>4787 \pm 25</math></b>  | <b><math>37.95 \pm 4.85</math></b>  |
| [O I] 6300                        | $39.24 \pm 0.09$                   | $265 \pm 62$                     | $111 \pm 25$                     | $5.55 \pm 0.62$                     |
| H $\alpha$ Narrow                 | $40.11 \pm 0.01$                   | $265 \pm 62$                     | $111 \pm 25$                     | $41.65 \pm 0.65$                    |
| <b>H<math>\alpha</math> Broad</b> | <b><math>40.59 \pm 0.04</math></b> | <b><math>2456 \pm 100</math></b> | <b><math>2981 \pm 112</math></b> | <b><math>125.68 \pm 4.56</math></b> |
| [N II] 6585                       | $40.12 \pm 0.01$                   | $265 \pm 62$                     | $111 \pm 25$                     | $43.01 \pm 0.69$                    |
| [S II] 6718                       | $39.75 \pm 0.03$                   | $265 \pm 62$                     | $111 \pm 25$                     | $18.43 \pm 0.67$                    |
| [S II] 6732                       | $39.68 \pm 0.03$                   | $265 \pm 62$                     | $111 \pm 25$                     | $15.80 \pm 0.70$                    |

## Emission Summary

|                              |       |
|------------------------------|-------|
| H $\alpha$ broad SNR         | 2.40  |
| H $\beta$ broad SNR          | 0.00  |
| H $\gamma$ broad SNR         | 0.00  |
| AGN frac                     | 0.17  |
| Host frac                    | 0.83  |
| $\log L_{5100, \text{Host}}$ | 42.90 |
| Fe II/H $\beta$              | —     |
| Fe II/[O III]                | —     |

## Quality Flags

|                  |     |
|------------------|-----|
| spurious_hab/hbb | 0/0 |
| 15100            | 2   |
| balmer           | 2   |
| balmer_snr       | 2   |
| hb_width         | 2   |
| balmer_width     | 2   |