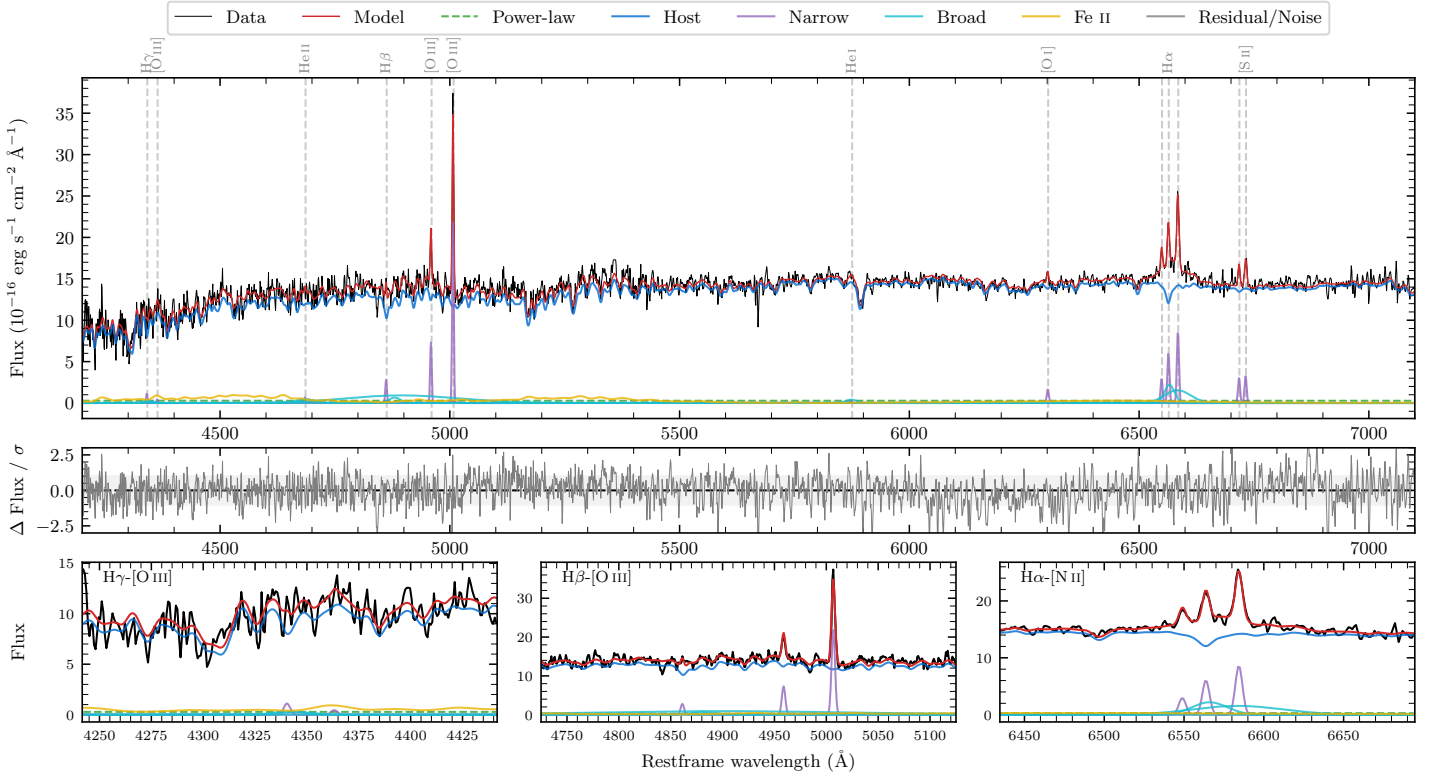
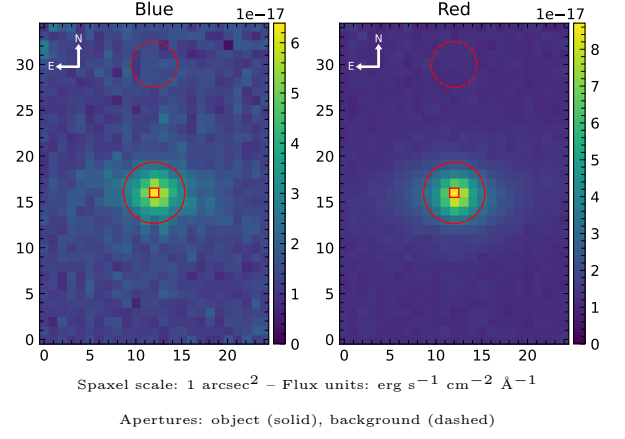


LEDA 3080580

| | | | |
|------------------------------------------|------------------|------------------------------------------|------------------|
| Spectrum ID | 22352669_sp1 | Spectrum type | Sy 1.5+ |
| Alt name | g0413071-005017 | Quality flag | good |
| z | 0.0398 | AGN reference | 6dFGS |
| RA, Dec | 63.2796, -0.8380 | MW $E(B - V)$ | 0.120 |
| MJD | 60939.76 | Power law α_ν | -1.96 ± 0.05 |
| SNR/ \AA B/R | 13.8/29.0 | $\log L_{5100, \text{AGN}}$ | 41.73 ± 0.42 |
| Obs airmass | 1.16 | $\log H\beta_{\text{Br}}/[\text{O III}]$ | < -0.46 |
| SMSS ID | 22352669 | $\log M_{L5100}/M_\odot$ | — |
| Neighbour | None $< 15''$ | $\log M_{\text{H}\alpha}/M_\odot$ | 6.26 ± 0.10 |
| SMSS $\langle r_6''_{\text{ap}} \rangle$ | 15.90 ± 0.04 | $\log M_{\text{H}\beta}/M_\odot$ | — |
| 2MASS K_{ext} | 11.68 ± 0.06 | $\log M_{[\text{O III}]} / M_\odot$ | — |



Emission Line Measurements

| Line | $\log L$ (erg s $^{-1}$) | FWHM (km s $^{-1}$) | σ (km s $^{-1}$) | EW (Angstroms) |
|-----------------------------------|------------------------------------|----------------------------------|--------------------------------|--------------------------------------|
| H γ Narrow | — | — | — | — |
| Hγ Broad | — | — | — | — |
| [O III] 4364 | — | — | — | — |
| He II Narrow | 39.03 ± 0.41 | 244 ± 62 | 101 ± 25 | 10.36 ± 6.60 |
| He II Broad | — | — | — | — |
| H β Narrow | 39.67 ± 0.11 | 242 ± 62 | 138 ± 39 | 44.46 ± 13.85 |
| Hβ Broad | < 40.12 | — | — | — |
| [O III] 5007 | 40.57 ± 0.02 | 242 ± 62 | 138 ± 39 | 356.67 ± 14.48 |
| He I Narrow | — | — | — | — |
| He I Broad | 39.68 ± 0.17 | 1406 ± 62 | 597 ± 25 | 46.29 ± 9.70 |
| [O I] 6300 | 39.54 ± 0.13 | 244 ± 62 | 101 ± 25 | 33.75 ± 4.83 |
| H α Narrow | 40.12 ± 0.04 | 244 ± 62 | 101 ± 25 | 128.51 ± 4.96 |
| Hα Broad | 40.82 ± 0.02 | 1721 ± 163 | 835 ± 26 | 640.42 ± 16.11 |
| [N II] 6585 | 40.28 ± 0.02 | 244 ± 62 | 101 ± 25 | 183.31 ± 4.78 |
| [S II] 6718 | 39.83 ± 0.04 | 244 ± 62 | 101 ± 25 | 65.28 ± 4.46 |
| [S II] 6732 | 39.86 ± 0.04 | 244 ± 62 | 101 ± 25 | 71.10 ± 4.09 |

Emission Summary

| | |
|------------------------------|-------|
| H α broad SNR | 3.62 |
| H β broad SNR | 0.69 |
| H γ broad SNR | 0.00 |
| AGN frac | 0.02 |
| Host frac | 0.98 |
| $\log L_{5100, \text{Host}}$ | 43.37 |
| Fe II/H β | — |
| Fe II/[O III] | — |

Quality Flags

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