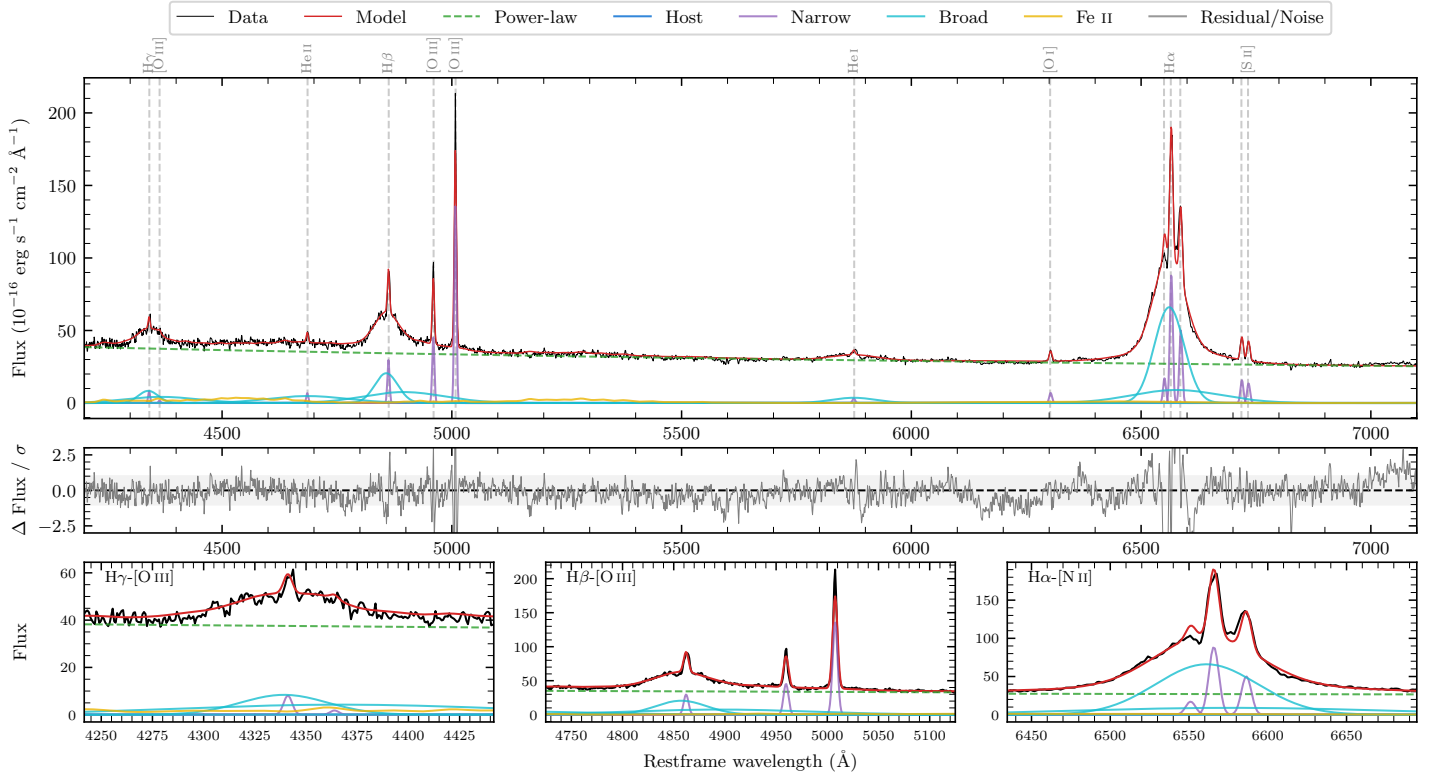
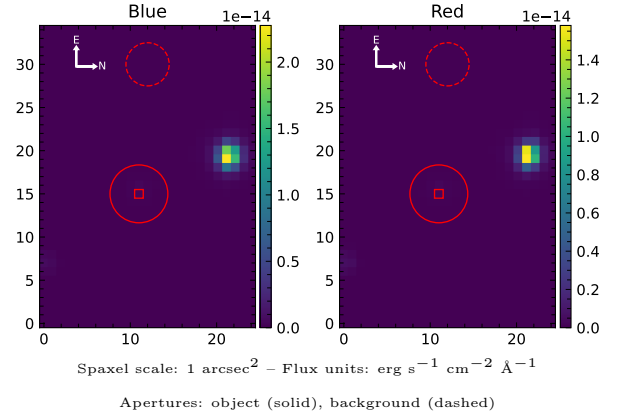


LEDA 2817164

| | | | |
|--|--------------------|--|------------------|
| Spectrum ID | 229656645_sp1 | Spectrum type | Sy 1.2 |
| Alt name | IRAS 19370-3022 | Quality flag | good |
| z | 0.0529 | AGN reference | PGC |
| RA, Dec | 295.0629, -30.2644 | MW $E(B - V)$ | 0.088 |
| MJD | 60905.44 | Power law α_ν | -1.20 ± 0.02 |
| SNR/ \AA B/R | 14.7/22.2 | $\log L_{5100, \text{AGN}}$ | 44.05 ± 0.01 |
| Obs airmass | 1.05 | $\log H\beta_{\text{Br}}/[\text{O III}]$ | 0.55 ± 0.01 |
| SMSS ID | 229656645 | $\log M_{L5100}/M_\odot$ | 8.23 ± 0.02 |
| Neighbour | 10.6", 229656646 | $\log M_{\text{H}\alpha}/M_\odot$ | 8.10 ± 0.03 |
| SMSS $\langle r_6^{\text{ap}} \rangle$ | nan \pm nan | $\log M_{\text{H}\beta}/M_\odot$ | 8.28 ± 0.02 |
| 2MASS K_{ext} | 11.32 ± 0.04 | $\log M_{[\text{O III}]} / M_\odot$ | 8.19 ± 0.02 |



Emission Line Measurements

| Line | $\log L$ (erg s ⁻¹) | FWHM (km s ⁻¹) | σ (km s ⁻¹) | EW (Å) |
|-----------------------------------|------------------------------------|----------------------------------|----------------------------------|-------------------------------------|
| $H\gamma$ Narrow | 40.48 ± 0.13 | 342 ± 63 | 146 ± 25 | 1.19 ± 0.25 |
| $H\gamma$ Broad | 41.96 ± 0.03 | 4675 ± 335 | 3402 ± 110 | 36.63 ± 1.27 |
| [O III] 4364 | 39.82 ± 0.39 | 342 ± 63 | 144 ± 25 | 0.27 ± 0.19 |
| He II Narrow | 40.43 ± 0.11 | 342 ± 63 | 144 ± 25 | 1.15 ± 0.18 |
| He II Broad | 41.86 ± 0.03 | 12928 ± 69 | 5490 ± 28 | 30.88 ± 1.14 |
| $H\beta$ Narrow | 41.09 ± 0.03 | 342 ± 63 | 146 ± 25 | 5.38 ± 0.25 |
| $H\beta$ Broad | 42.32 ± 0.01 | 4476 ± 114 | 3041 ± 55 | 91.13 ± 1.15 |
| [O III] 5007 | 41.76 ± 0.01 | 342 ± 63 | 146 ± 25 | 25.88 ± 0.27 |
| He I Narrow | 40.21 ± 0.10 | 342 ± 63 | 144 ± 25 | 0.82 ± 0.12 |
| He I Broad | 41.49 ± 0.03 | 5765 ± 95 | 2448 ± 39 | 15.58 ± 0.53 |
| [O I] 6300 | 40.57 ± 0.04 | 342 ± 63 | 144 ± 25 | 2.01 ± 0.13 |
| $H\alpha$ Narrow | 41.69 ± 0.01 | 342 ± 63 | 144 ± 25 | 27.44 ± 0.25 |
| $H\alpha$ Broad | 42.72 ± 0.01 | 3763 ± 66 | 1752 ± 27 | 293.96 ± 0.88 |
| [N II] 6585 | 41.45 ± 0.01 | 342 ± 63 | 144 ± 25 | 15.59 ± 0.23 |
| [S II] 6718 | 40.95 ± 0.02 | 342 ± 63 | 144 ± 25 | 5.07 ± 0.15 |
| [S II] 6732 | 40.89 ± 0.02 | 342 ± 63 | 144 ± 25 | 4.40 ± 0.15 |

Emission Summary

| | |
|------------------------------|-------|
| $H\alpha$ broad SNR | 29.67 |
| $H\beta$ broad SNR | 10.88 |
| $H\gamma$ broad SNR | 4.91 |
| AGN frac | 1.00 |
| Host frac | 0.00 |
| $\log L_{5100, \text{Host}}$ | 41.52 |
| Fe II/ $H\beta$ | 0.29 |
| Fe II/[O III] | 1.03 |

Quality Flags

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