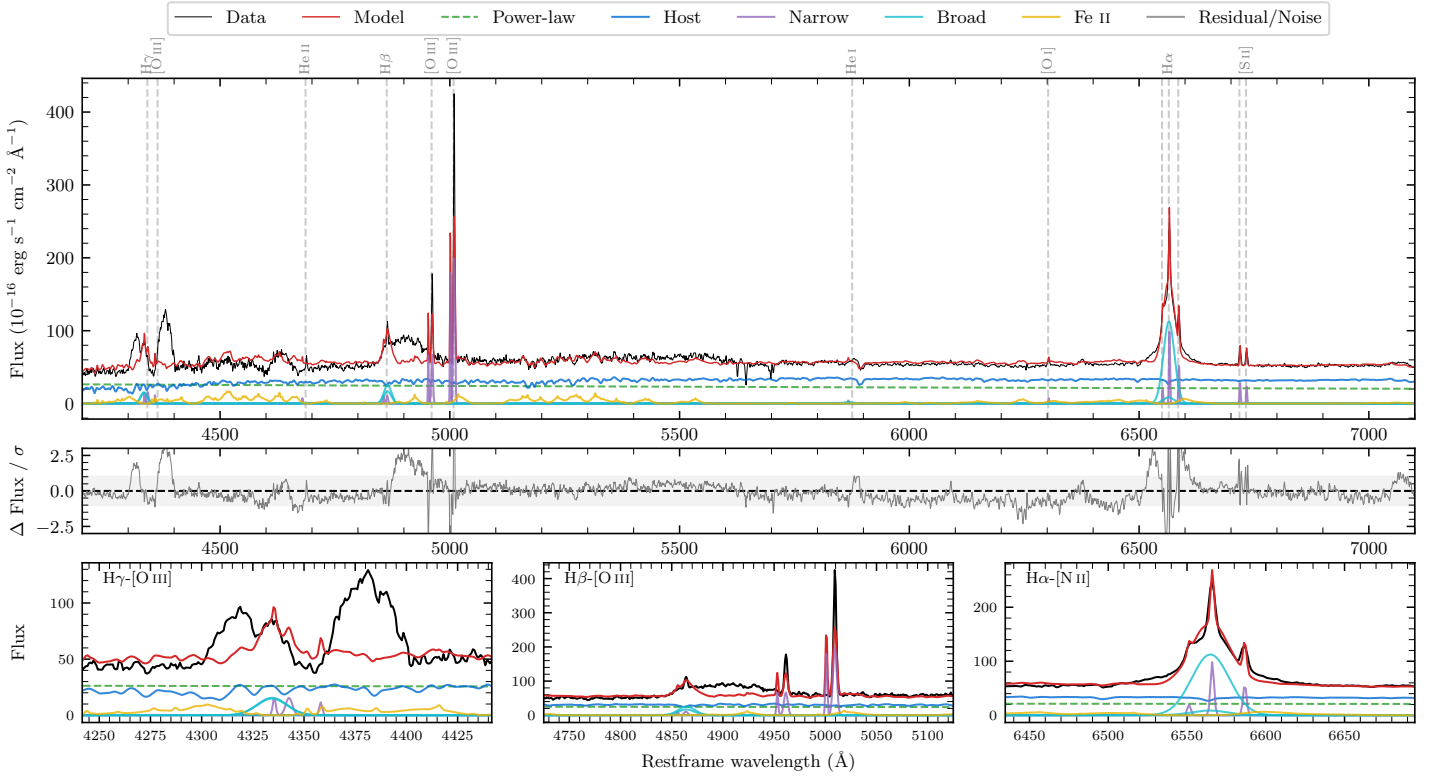
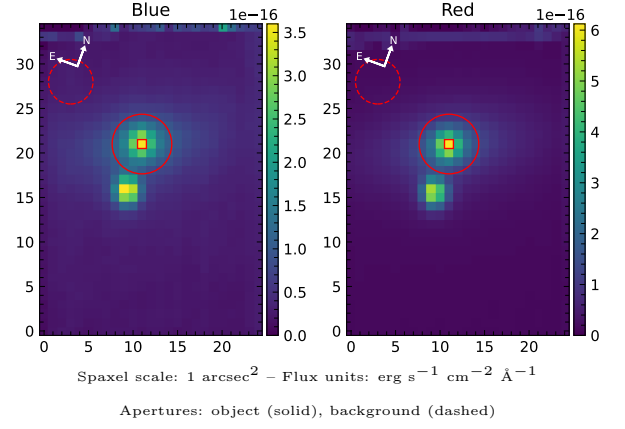


MCG-06-30-015

| Spectrum ID | 98595967_sp2 | Spectrum Type | Bad |
|----------------------------|--------------------|--|------------------|
| Alt name | g1335538-341744 | Quality Flag | bad_all |
| z | 0.0078 | AGN reference | 6dFGS |
| RA, Dec | 203.9740, -34.2957 | MW $E(B - V)$ | 0.052 |
| MJD | 60769.51 | Power law α_ν | -1.50 ± 0.37 |
| SNR/ \AA B/R | 4.4/11.2 | $\log L_{5100, \text{AGN}}$ | 42.19 ± 0.07 |
| Obs Airmass | 1.19 | $\log H\beta_{\text{Br}}/[\text{O III}]$ | -0.18 ± 0.05 |
| SMSS ID | 98595967 | $\log M_{L5100}/M_\odot$ | 6.27 ± 0.05 |
| Closest SMSS | 4.96", 98595966 | $\log M_{\text{H}\alpha}/M_\odot$ | 5.91 ± 0.07 |
| SMSS Mean r_{psf} | 13.2 ± 0.1 | $\log M_{\text{H}\beta}/M_\odot$ | 6.10 ± 0.07 |
| 2MASS K_{ext} | 9.6 ± 0.0 | $\log M_{[\text{O III}]} / M_\odot$ | 6.28 ± 0.06 |



Emission Line Measurements

| Line | $\log L$ (erg s ⁻¹) | FWHM (km s ⁻¹) | σ (km s ⁻¹) | EW (Å) |
|-----------------------------------|------------------------------------|---------------------------------|--------------------------------|-------------------------------------|
| H γ Narrow | 39.07 ± 0.33 | – | 250 ± 25 | 3.57 ± 1.41 |
| Hγ Broad | 39.87 ± 0.10 | 1180 ± 62 | 355 ± 25 | 21.41 ± 2.66 |
| [O III] 4364 | – | – | – | – |
| He II Narrow | – | – | – | – |
| He II Broad | – | – | – | – |
| H β Narrow | 38.95 ± 0.32 | – | 250 ± 25 | 2.91 ± 1.02 |
| Hβ Broad | 40.05 ± 0.05 | 1179 ± 25 | 443 ± 25 | 35.37 ± 2.04 |
| [O III] 5007 | 40.23 ± 0.02 | – | 250 ± 25 | 56.19 ± 1.30 |
| He I Narrow | 38.17 ± 0.41 | 129 ± 62 | 50 ± 25 | 0.52 ± 0.34 |
| He I Broad | 38.87 ± 0.33 | 1180 ± 62 | 501 ± 25 | 2.62 ± 1.17 |
| [O I] 6300 | 38.41 ± 0.25 | 129 ± 62 | 50 ± 25 | 0.93 ± 0.33 |
| H α Narrow | 39.54 ± 0.03 | 129 ± 62 | 50 ± 25 | 13.04 ± 0.40 |
| Hα Broad | 40.66 ± 0.01 | 1283 ± 63 | 484 ± 25 | 172.90 ± 1.29 |
| [N II] 6585 | 39.31 ± 0.03 | 129 ± 62 | 50 ± 25 | 7.66 ± 0.40 |
| [S II] 6718 | 39.06 ± 0.07 | 129 ± 62 | 50 ± 25 | 4.28 ± 0.37 |
| [S II] 6732 | 38.93 ± 0.08 | 129 ± 62 | 50 ± 25 | 3.20 ± 0.34 |

Emission Summary

| | |
|------------------------------|-------|
| H α Broad SNR | 9.57 |
| H β Broad SNR | 3.40 |
| H γ Broad SNR | 2.54 |
| AGN frac | 0.45 |
| Host frac | 0.55 |
| $\log L_{5100, \text{Host}}$ | 42.27 |
| Fe II/H β | 2.38 |
| Fe II/[O III] | 1.52 |

Quality Flags

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