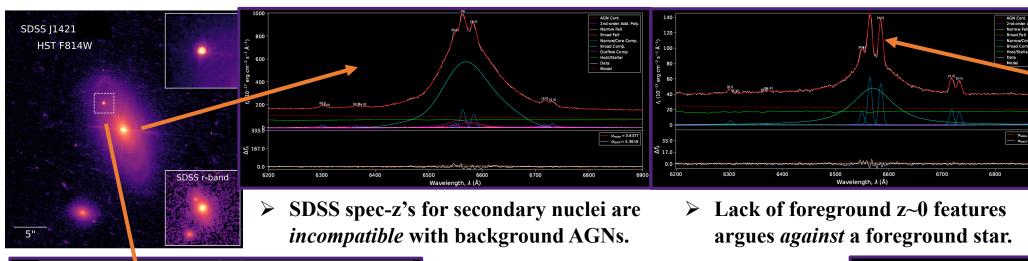


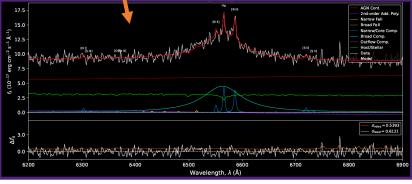
Spotted: Dual Broad Line AGNs in Minor Galaxy Mergers?

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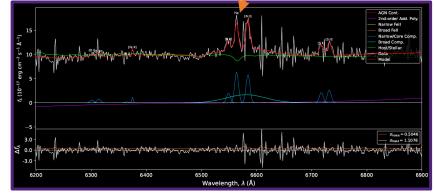
SDSS spectra show broad H α /NII complexes in primary *and* secondary nuclei.

DBLR AGN1: 5.2" (7.2 kpc) separation

> 3" and 2" diameter fibers

DBLR AGN2: 4.2" (7.5 kpc) separation

3" diameter fibers



SDSS J1713

See my *XMM/NuSTAR* posters on: Dual AGNs Bulgeless Galaxies

- Mass estimates indicate these are 1:7 and 1:29 mass ratio mergers!
- FWHM of primary and secondary broad lines are inconsistent, suggesting distinct kinematic regions.
- Spatially resolved LBT optical spectra for each merger are being reduced now!
 - Two competing theories: (1) true dual AGNs or (2) fiber spillover