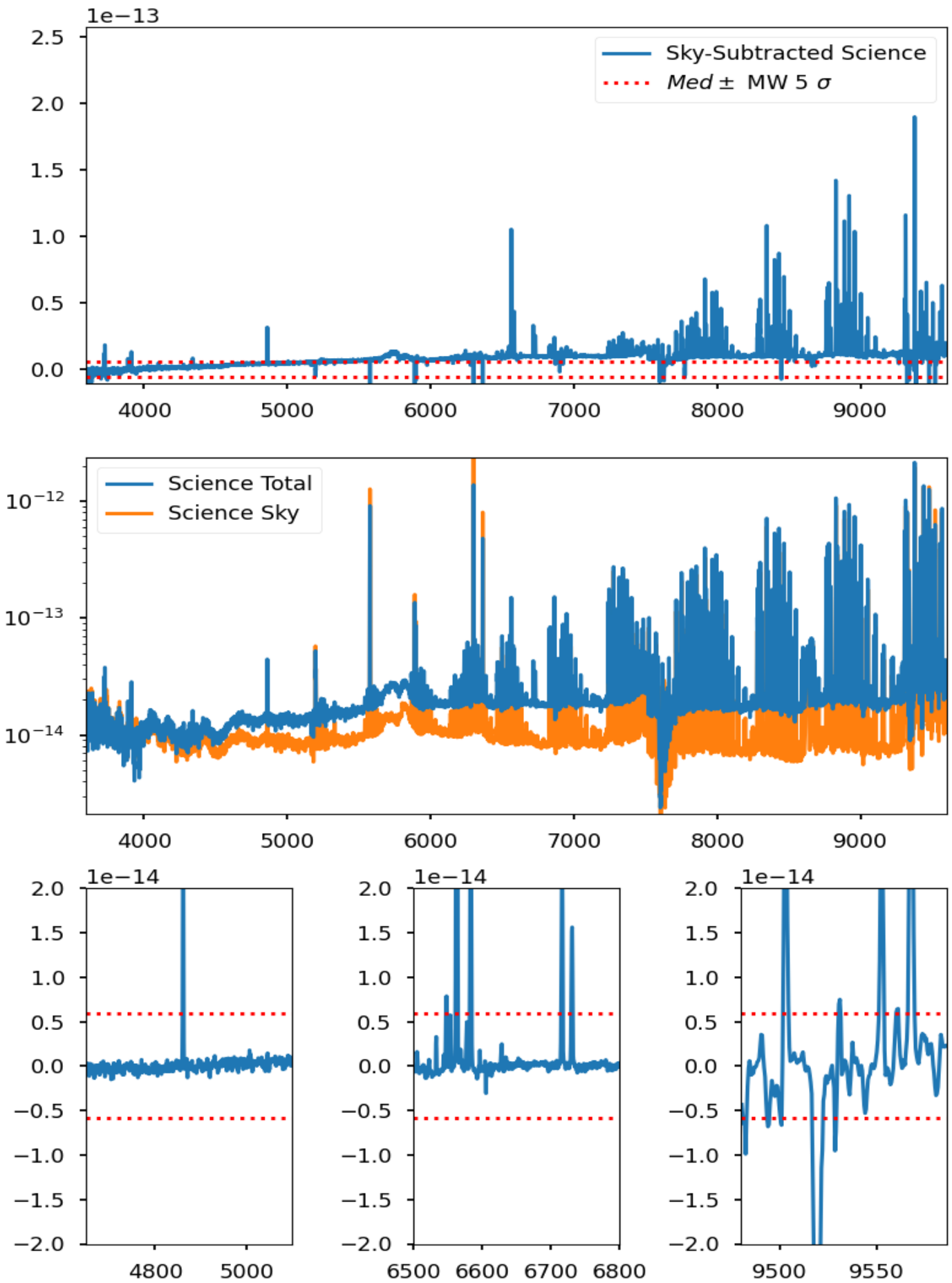


LVMDRP Quality Assessment for data/ lvmSFrame-00005062.fits

- Exposure : 5062
 - MJD : 60204
 - Obs. time: 2023-09-17T00:23:23.394
 - Object. : RCW86
 - Science RA Dec. PA : 220.34 -62.59 0.00
 - SkyE RA Dec. PA (ang distance): 302.01 -47.17 0.00 (45.86)
 - SkyW RA Dec. PA (ang distance): 228.74 -62.68 0.00 (3.86)
 - Moon RA Dec. Alt. Ill: 193.44 -4.69 -3.84 3.22
 - Sun. RA Dec. Alt.: 174.07 2.56 -24.21
-

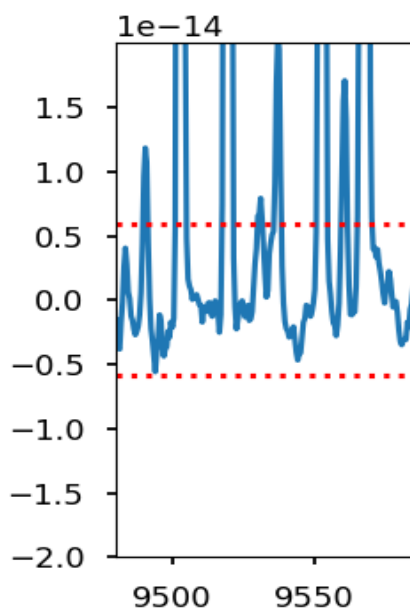
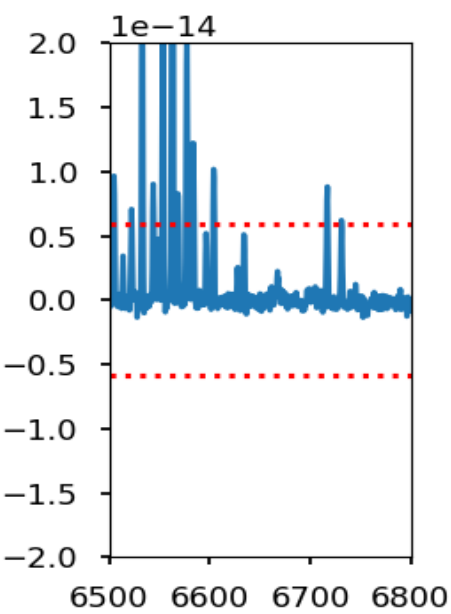
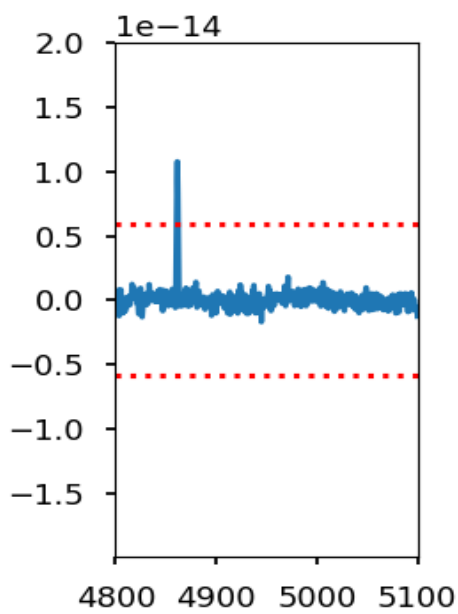
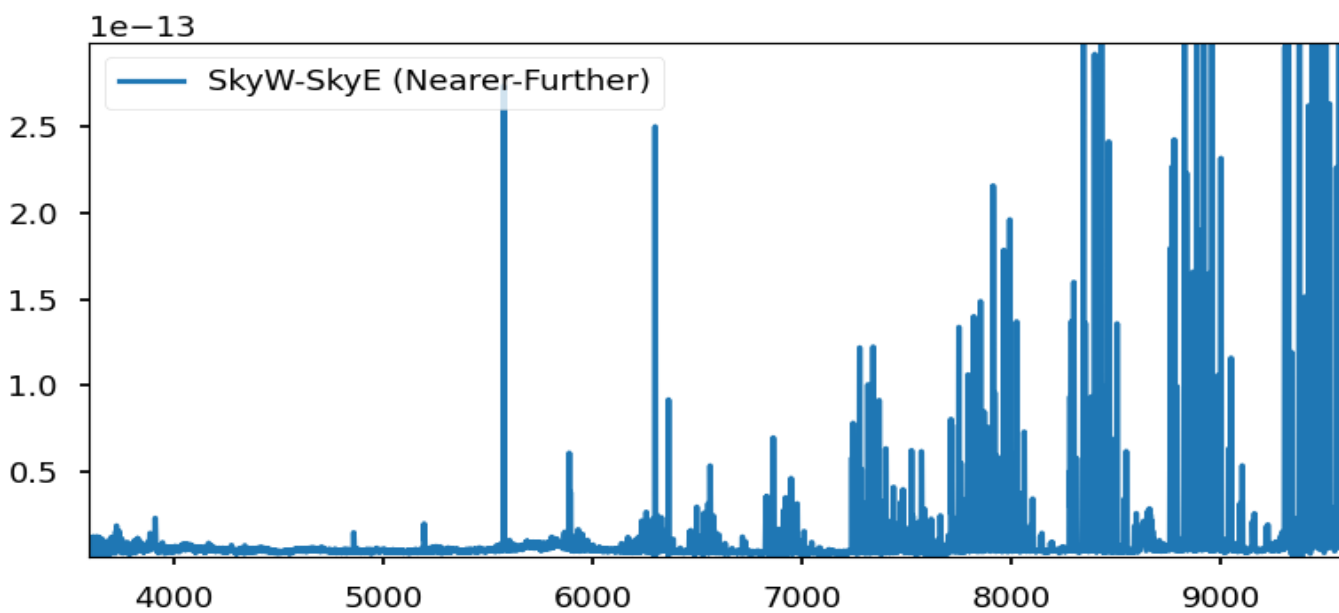
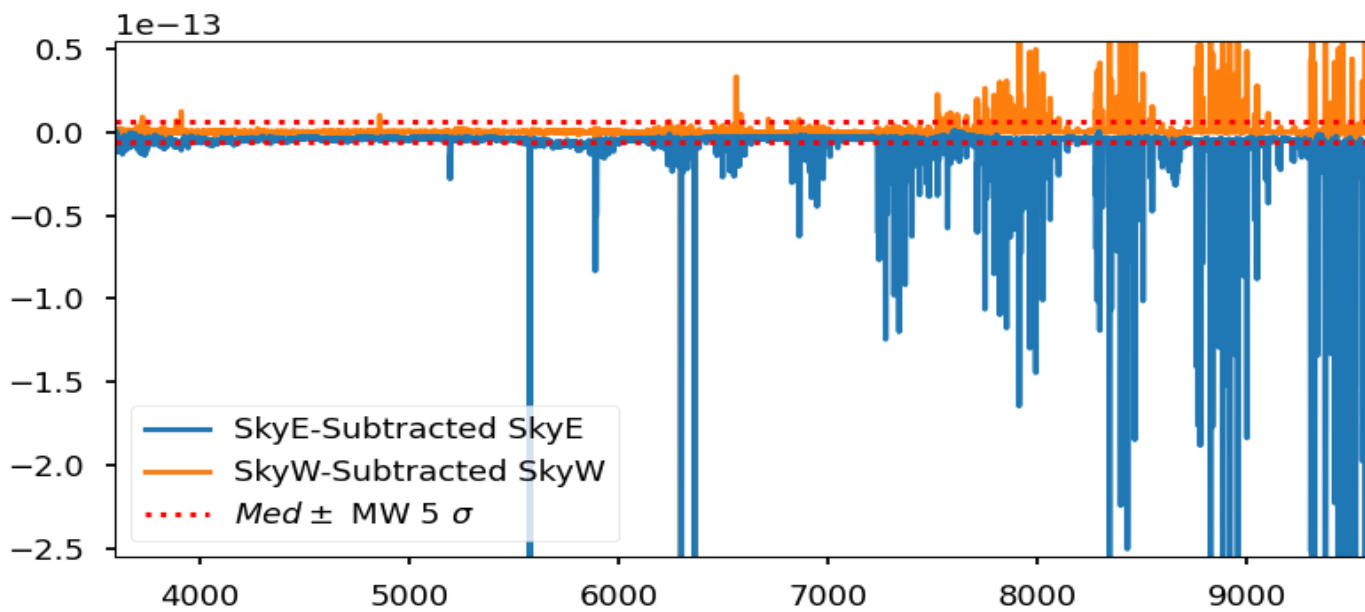
Science Spectrum

The median sky subtracted spectrum from the science fibers. The top panel shows the median spectrum. The middle panel shows the sum of the flux and sky, and just the sky. The three panels at the bottom show the median science spectra (after a crude continuum subtraction) in three wavelength ranges, corresponding to Hbeta-[OII], Halpha-[SII], and [SIII]9071. Several of the plots also have dashed lines which outline the 5 sigma sensitivity limit in the Milky Way.



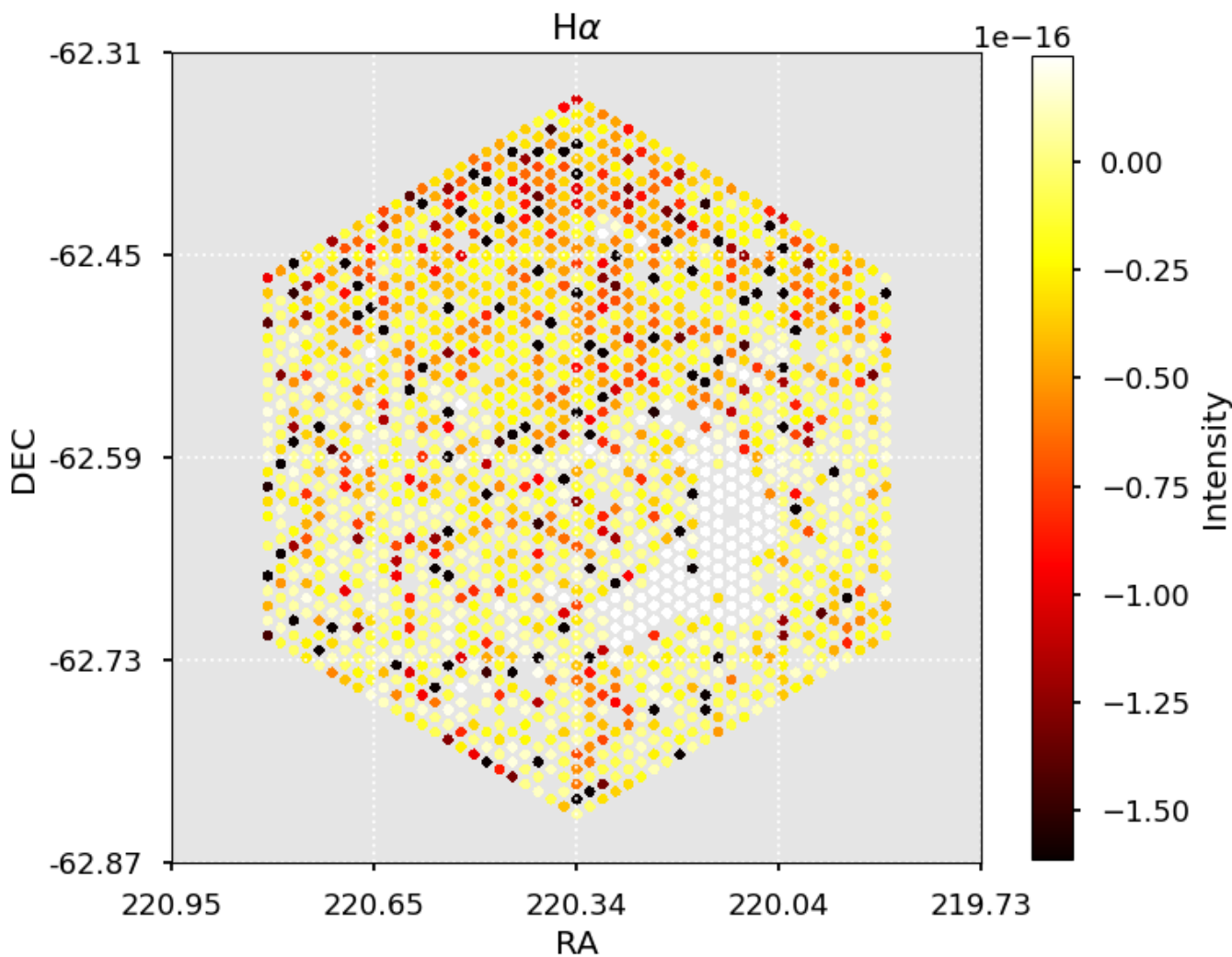
SkyE and SkyW Spectra

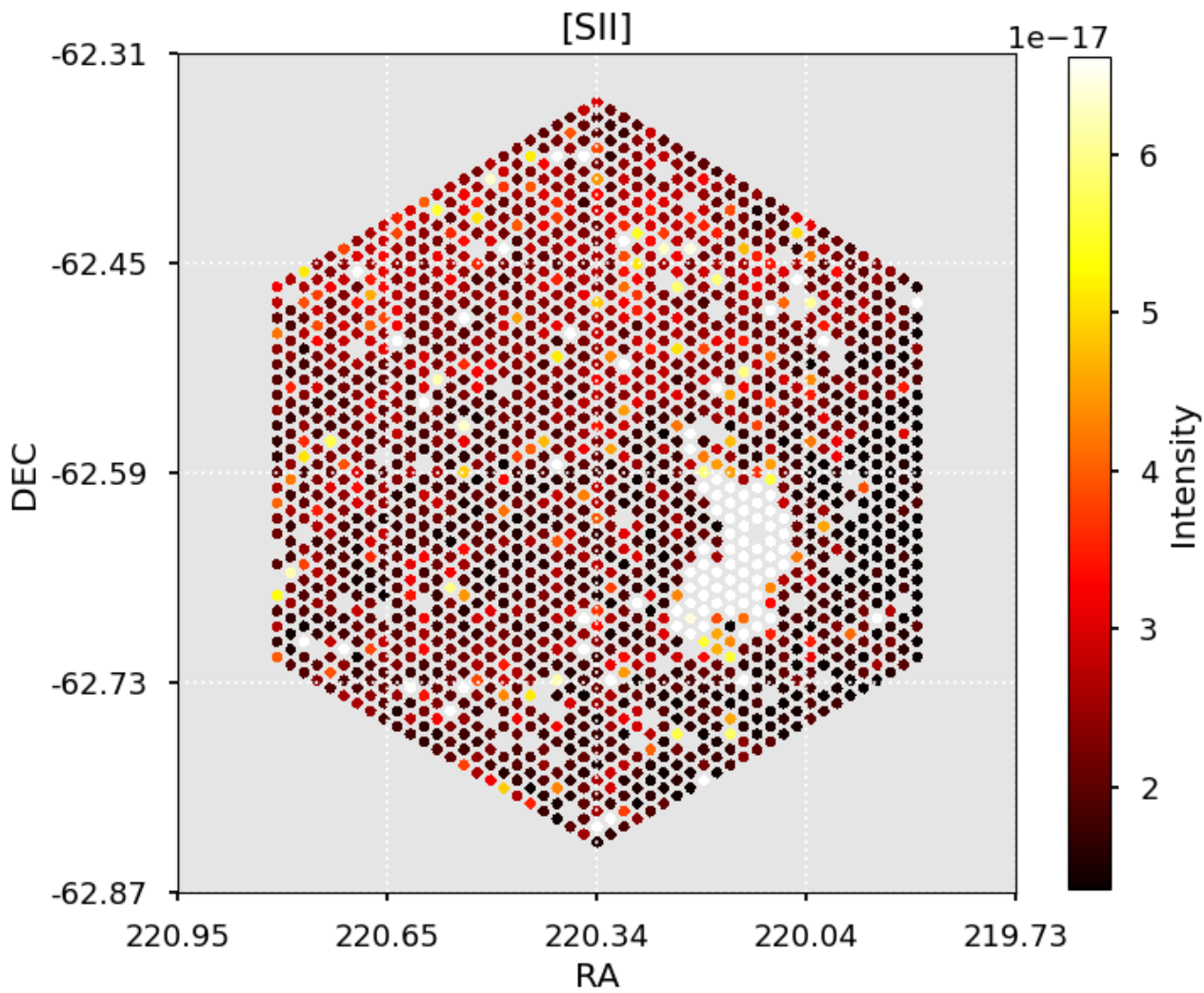
Comparisons of the median spectra in the SkyE and SkyW telescopes. The top panel shows the median spectrum in each of the two sky telescopes (after sky subtraction.) The middle panel shows the difference in the the total fluxes (with sky included) in the two sky telescopes. The difference is computed by subtracting the spectrum of the sky telescope that is furthers from the science target to from the spectrum of the nearer sky telescope. The bottom panel shows the differences in sky subtracted spectra in three spectral regions. (Note that at present, the lvmdrp uses the sky calculated for the science telescope for subtracting sky from the sky telescopes. This implies that what is presented in this figure tells one mostly about the differences in the sky in the two telescopes.)

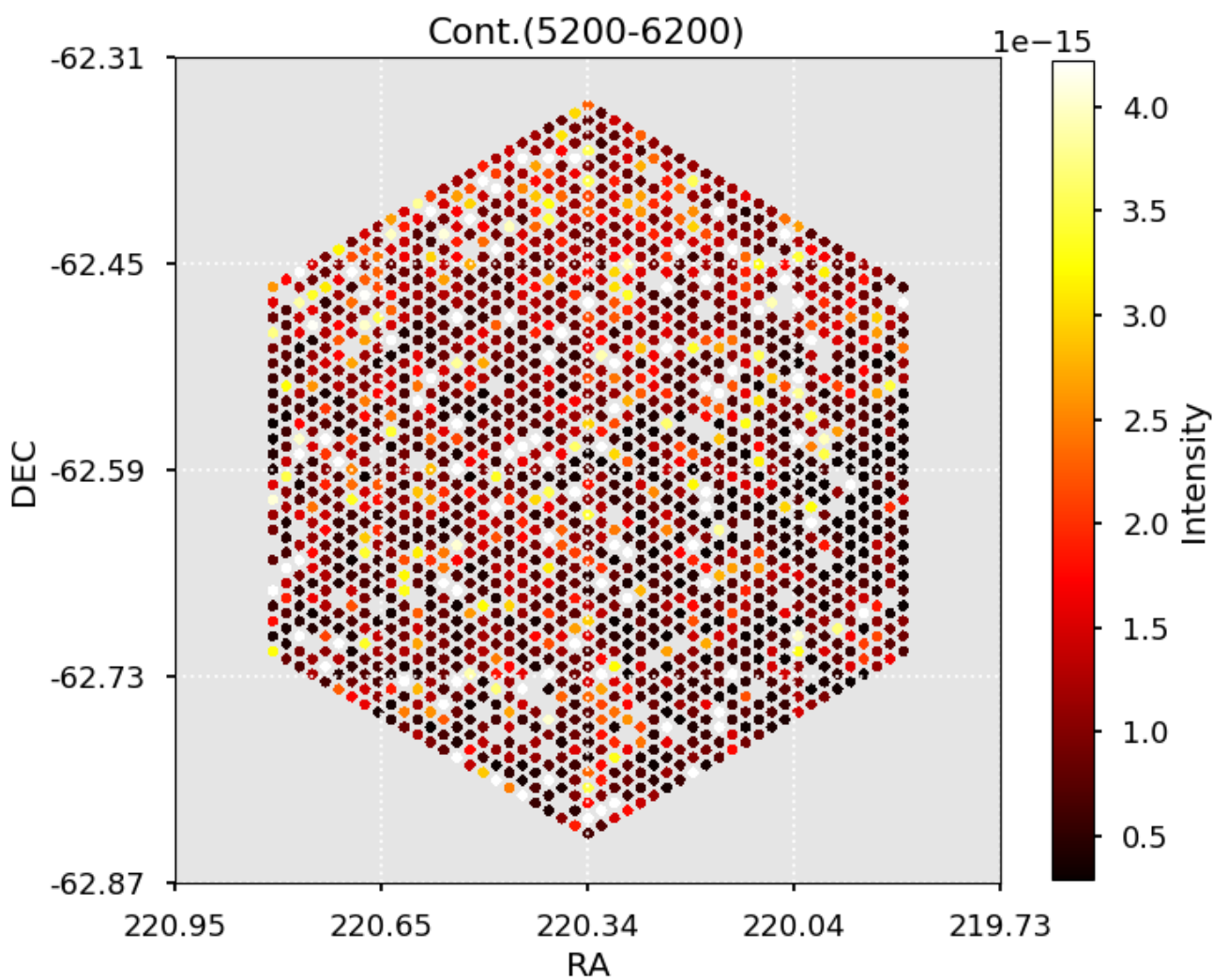


Line and Continuum images

Line and continuum images of fluxes the science telescope. The emission line emission images use a nearby band pass for continuum subtraction. Note that the emission line bandpasses for the LMC and SMC images are adjusted for the red shifts of these galaxies. In all other cases, no shifts are assumed. The images are displayed linearly between the 5th and 95th percentile







Comparison between the flux calibrated star fibers to the GAIA spectra of the stars

MJD 60204 Exposure 5062

