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CYGNUS LOOP OBSERVATIONS WITH BTA/SCORPIO-2

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We present Fabry-Pérot interferometric observations of the northeastern shock filaments in the Cygnus Loop supernova remnant. These observations were obtained using the SCORPIO-2 spectrograph (Spectral Camera with Optical Reducer for Photometrical and Interferometrical Observations - 2) at the 6m Big Telescope Azimuthal (BTA). We will show preliminary results on H α -line parameters measured in shock filaments across a 6.3' x 6.3' field of view, with an angular resolution of 3" and a high spectral resolution of 23 km/s (FWHM).