

Supplementary material for "Phenomenology and periodicity of radio emission from the stellar system AU Microscopii"

S. Bloot*, J. R. Callingham, H. K. Vedantham,
R. D. Kavanagh, B. J. S. Pope, J. B. Climent, J. C. Guirado,
L. Peña-Moñino, M. Pérez-Torres

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Dynamic spectra of all observations

This appendix contains all Stokes I and Stokes V dynamic spectra of all observations. For each observation, we plot the dynamic spectrum with the flux density values and a signal-to-noise map. The resolution of each set of dynamic spectra was chosen to either highlight the fine structure or maximise the signal-to-noise ratio.

We caution that many of the Stokes I dynamic spectra contain sidelobes from nearby sources, which often show up as arcs. In some epochs, these sidelobes can also show up as vertical structures in the dynamic spectrum. At lower resolution in the dynamic spectra, the sidelobe patterns may alternate between positive and negative values with frequency.

*Corresponding author bloot@astron.nl

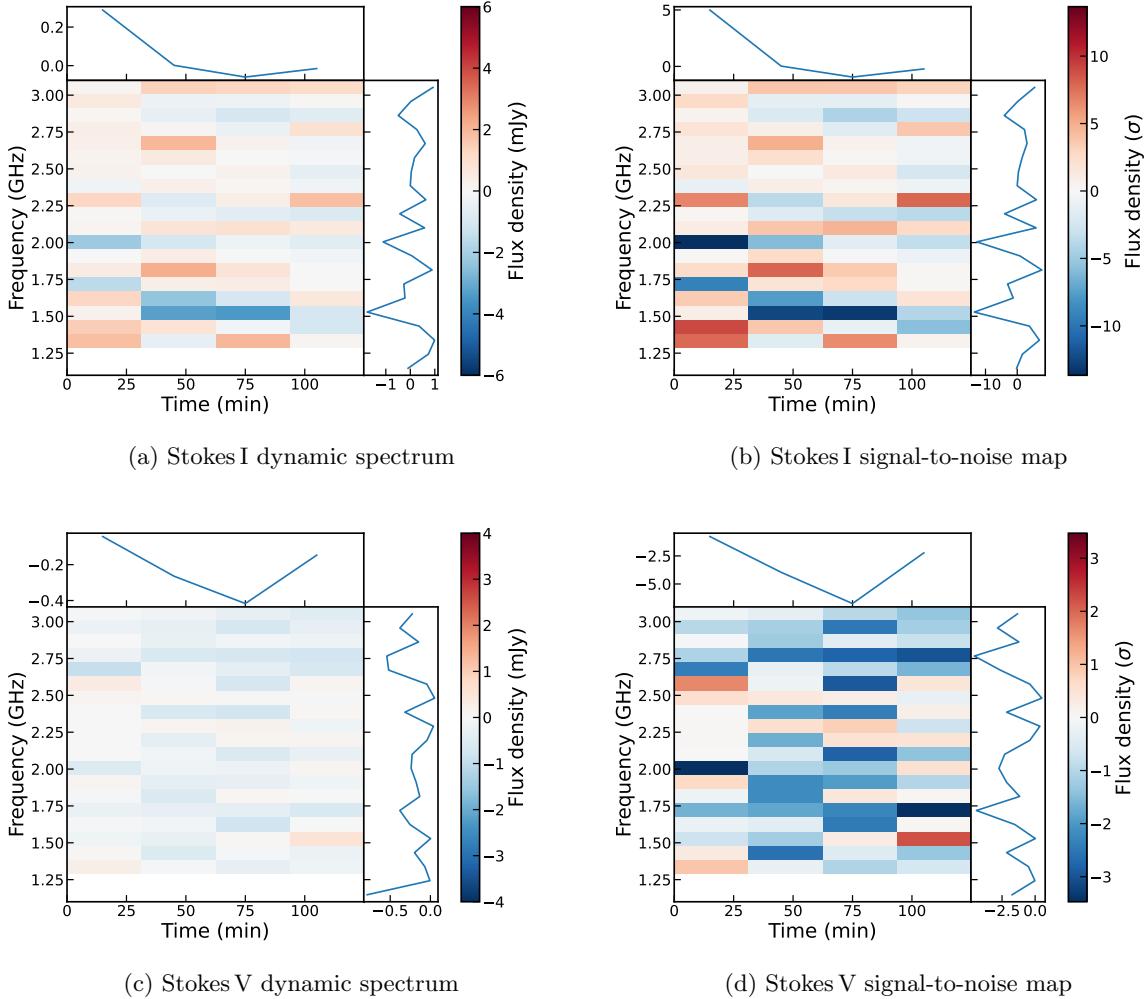


Figure 1: Dynamic spectra of the observation on 2022-03-02.

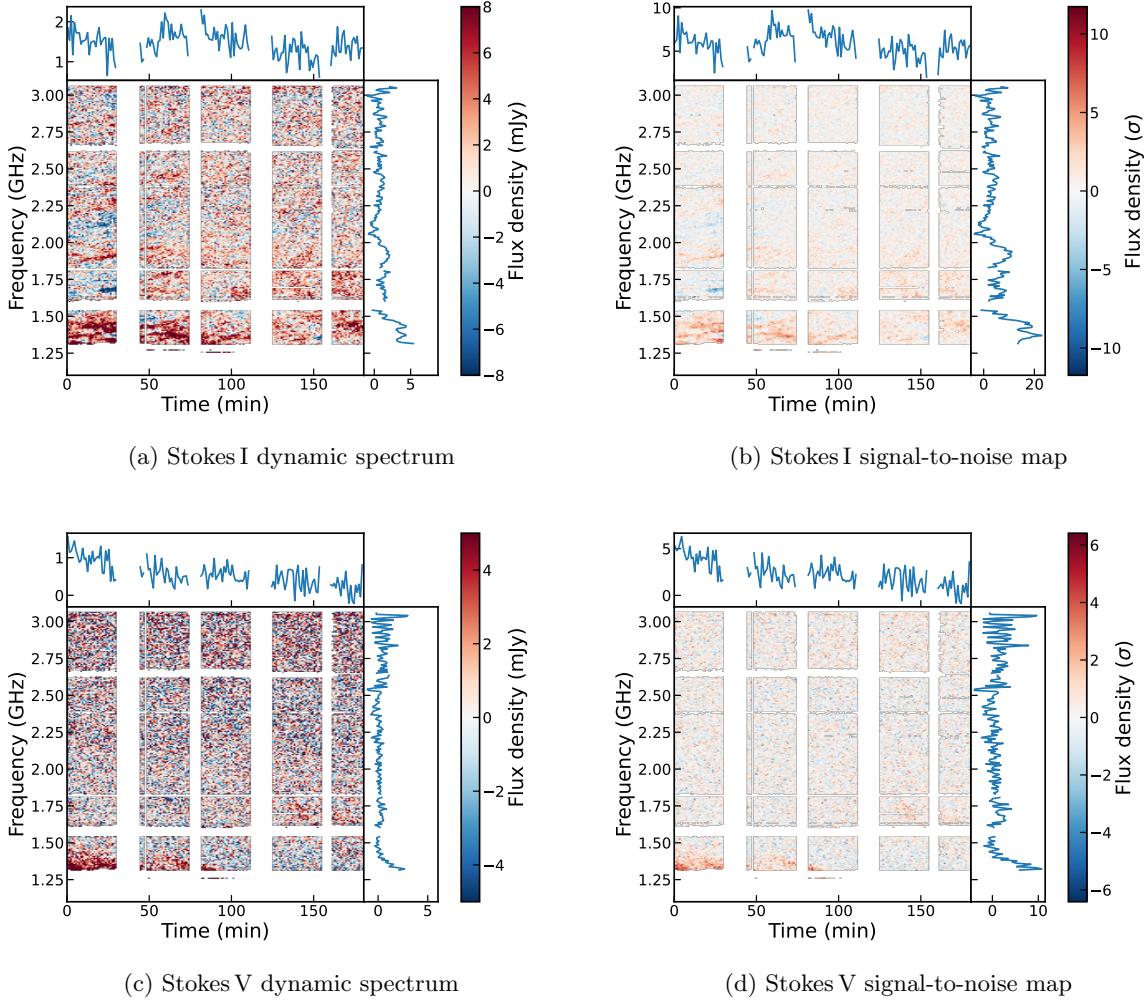


Figure 2: Dynamic spectra of the observation on 2022-03-06.

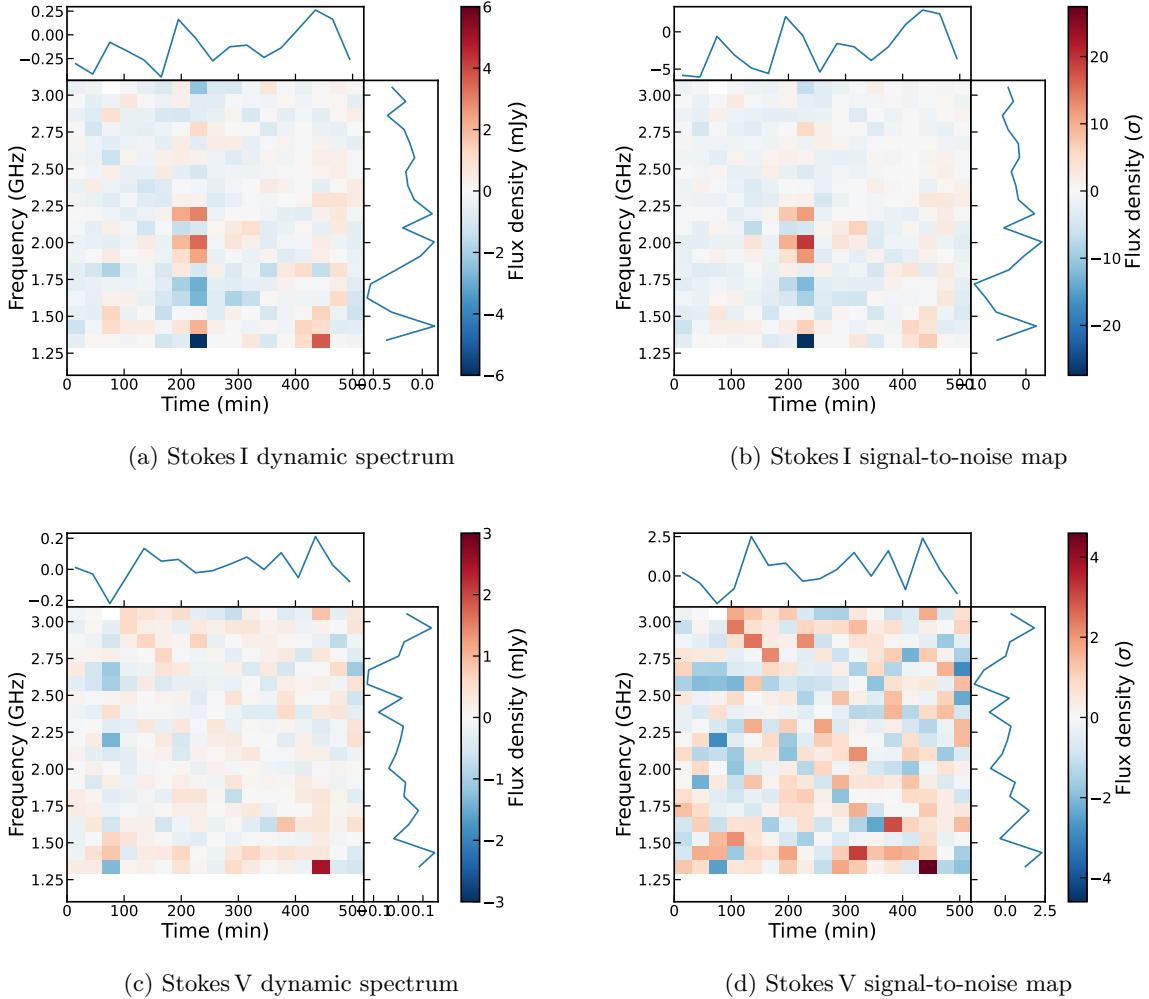


Figure 3: Dynamic spectra of the observation on 2022-04-17.

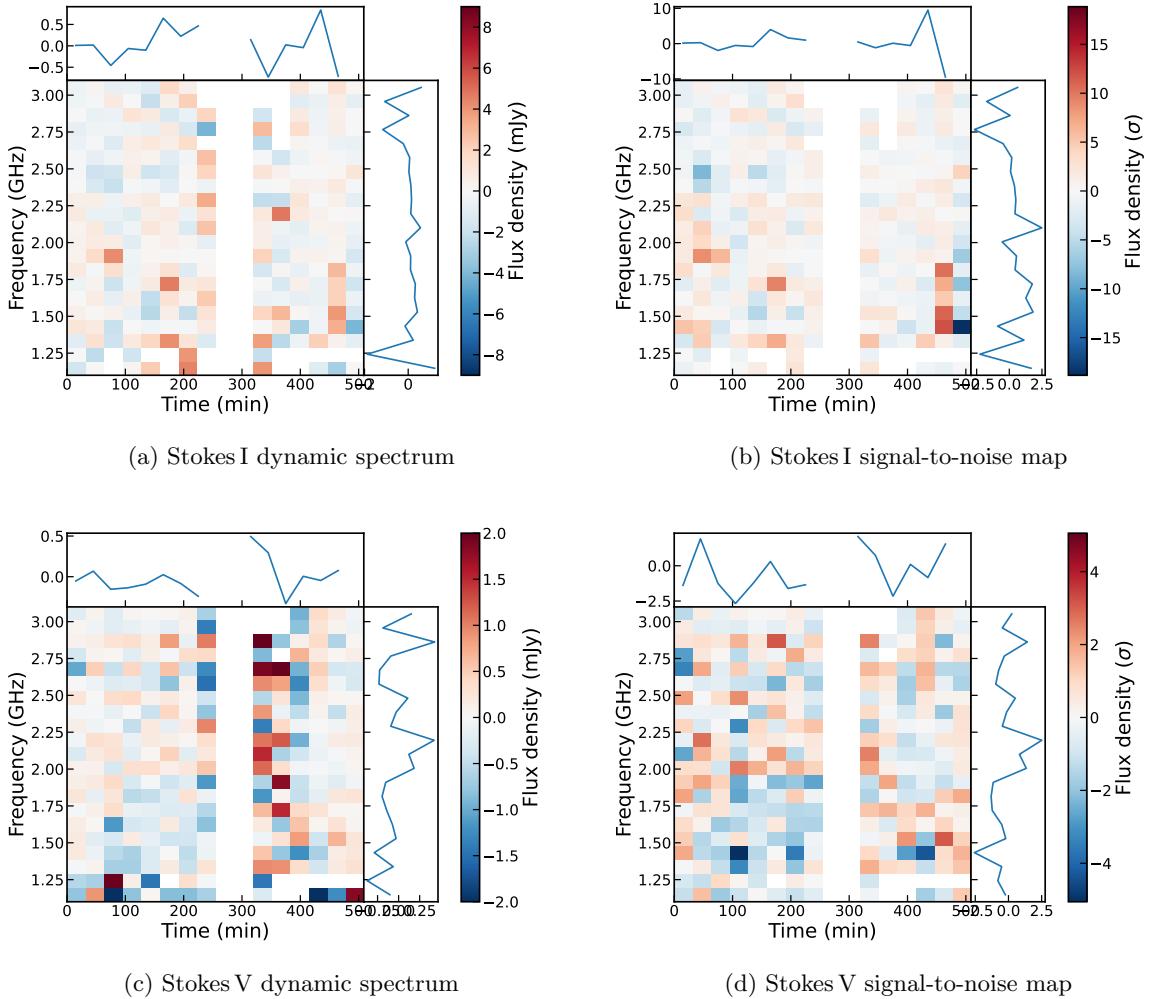


Figure 4: Dynamic spectra of the observation on 2022-04-18.

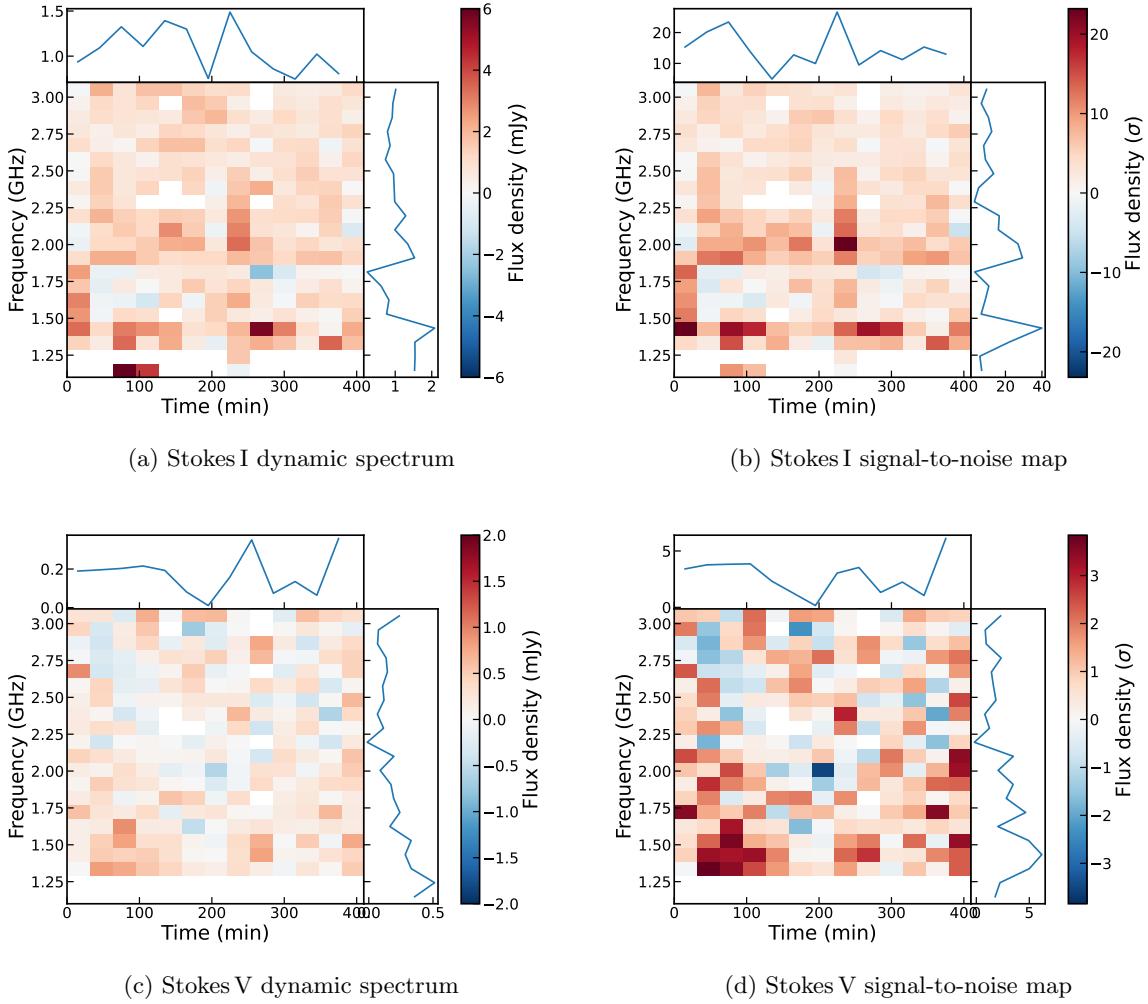


Figure 5: Dynamic spectra of the observation on 2022-05-29.

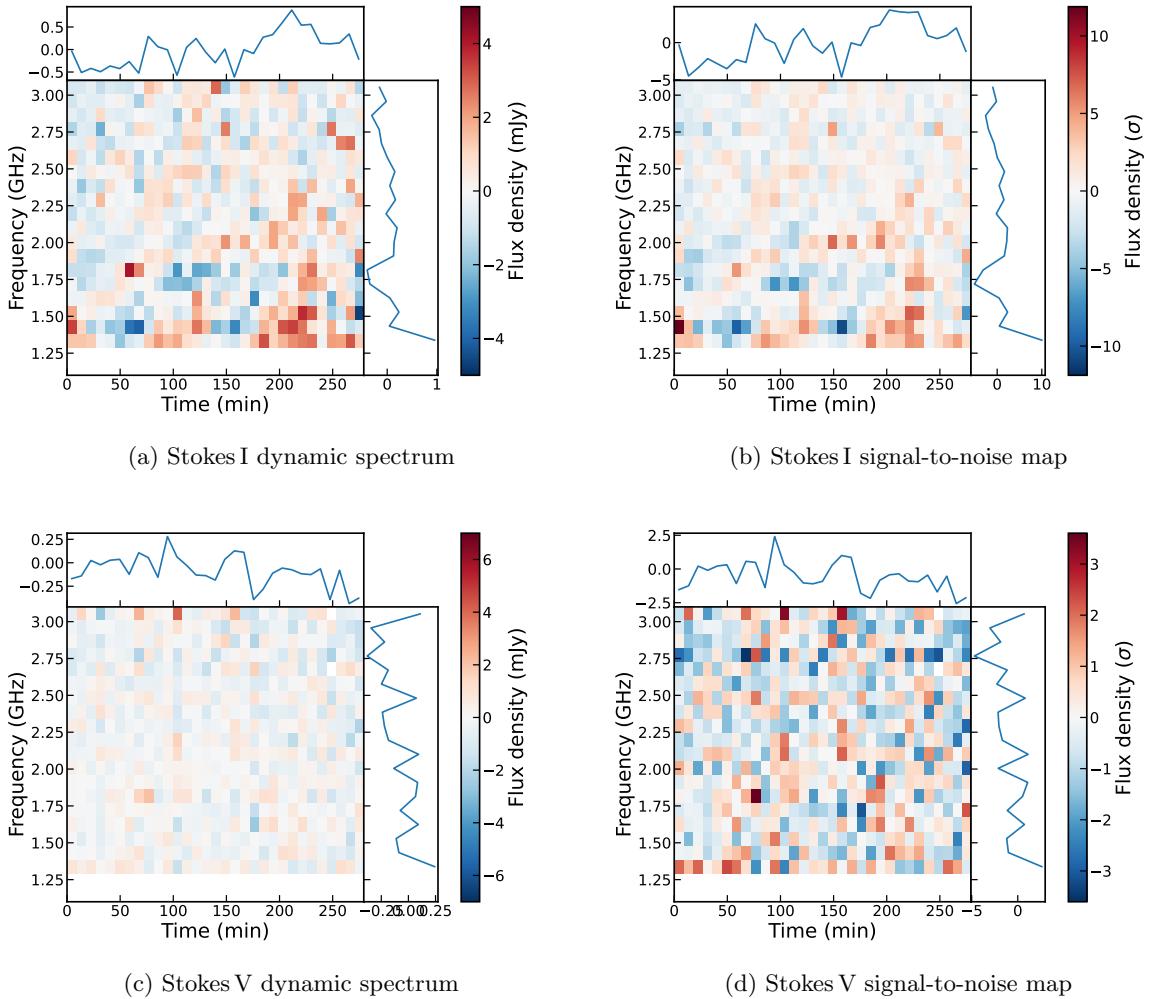


Figure 6: Dynamic spectra of the observation on 2022-07-17.

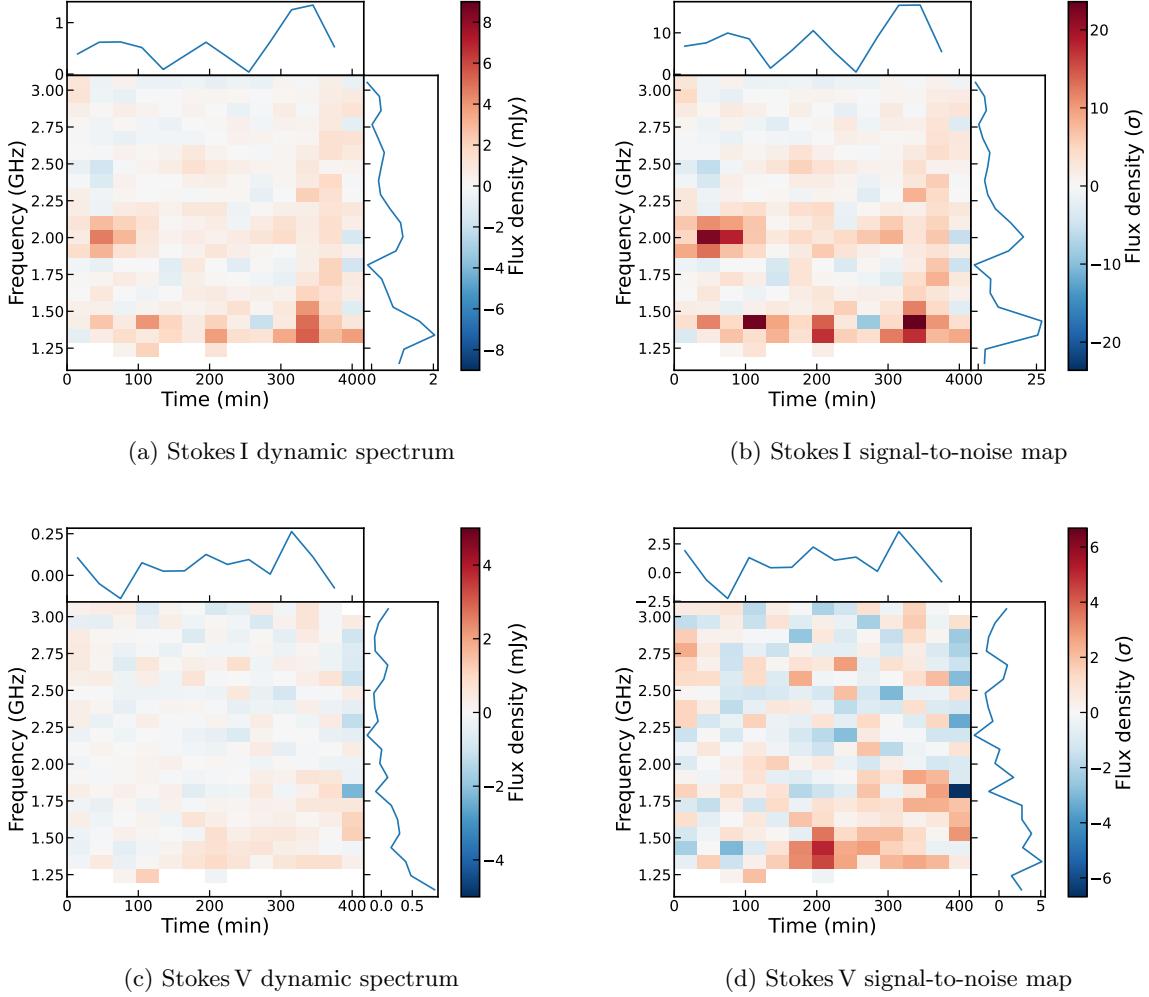


Figure 7: Dynamic spectra of the observation on 2022-07-25.

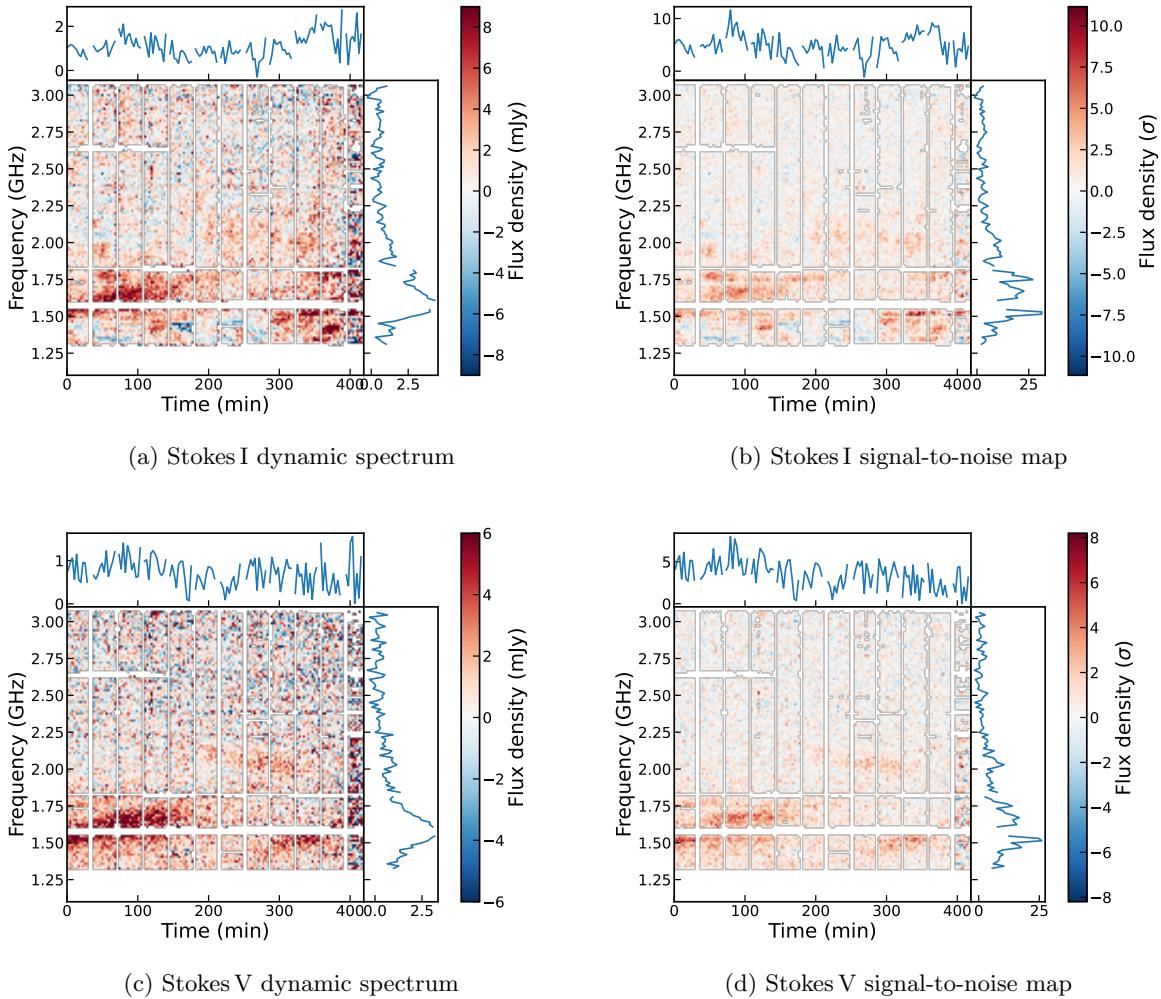


Figure 8: Dynamic spectra of the observation on 2022-07-31.

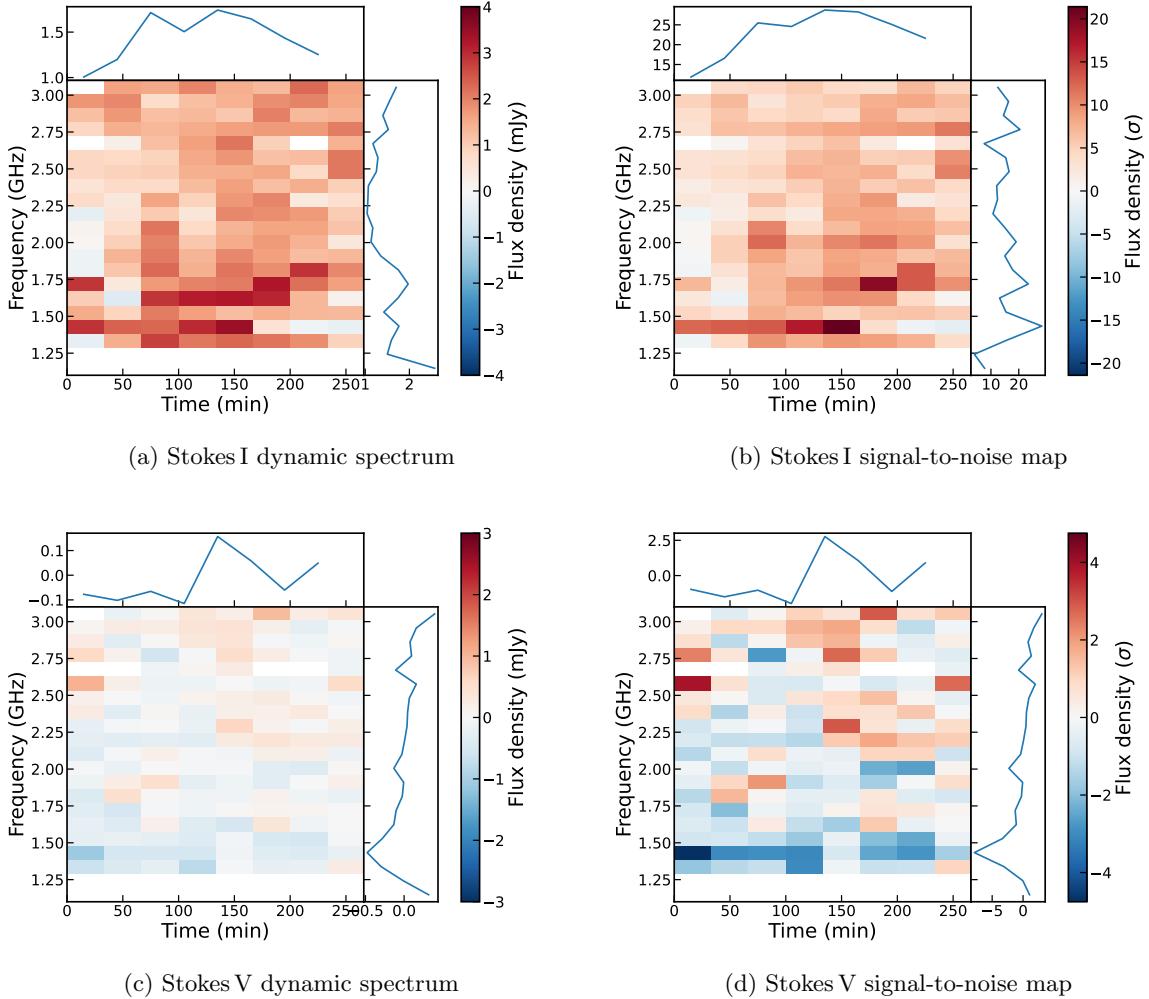


Figure 9: Dynamic spectra of the observation on 2022-08-18.

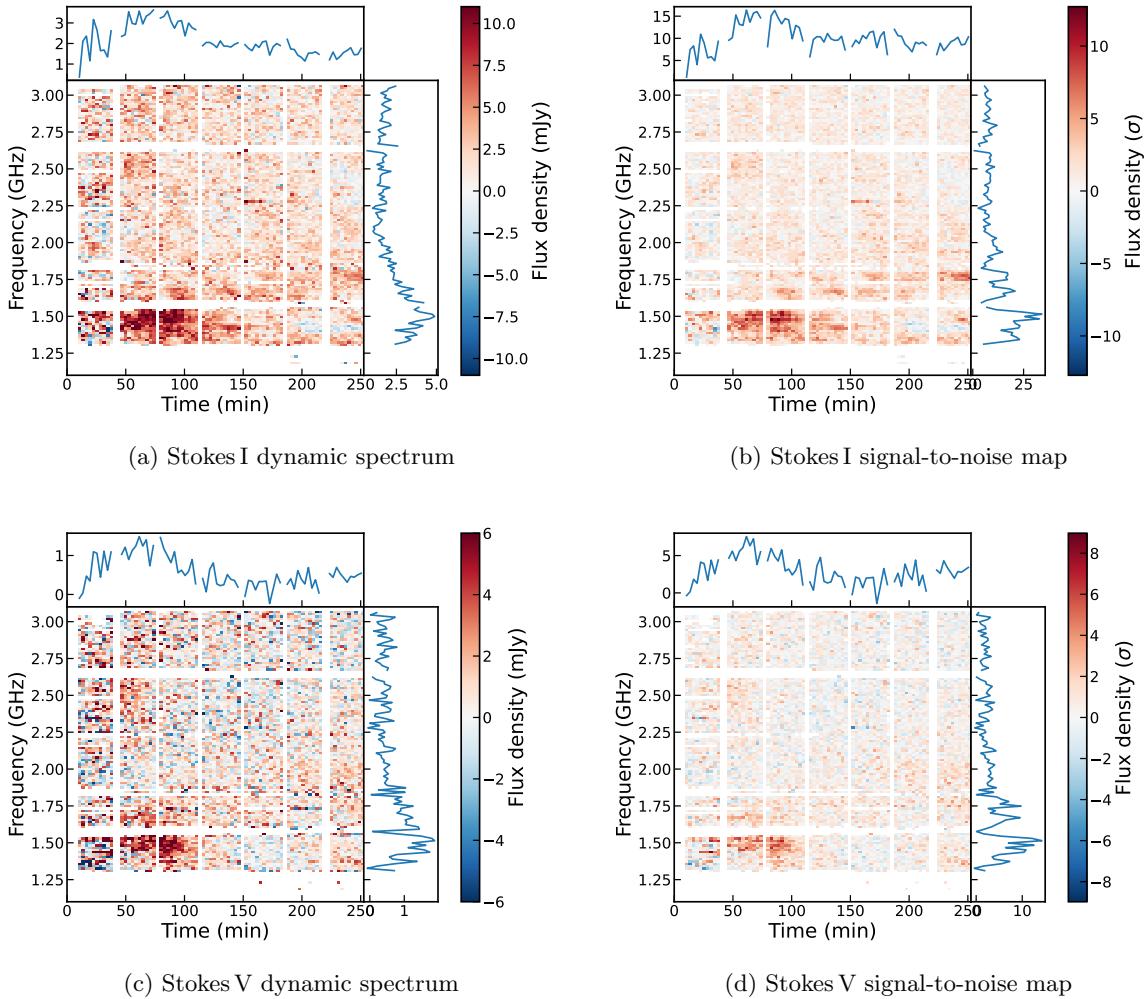


Figure 10: Dynamic spectra of the observation on 2022-08-19.

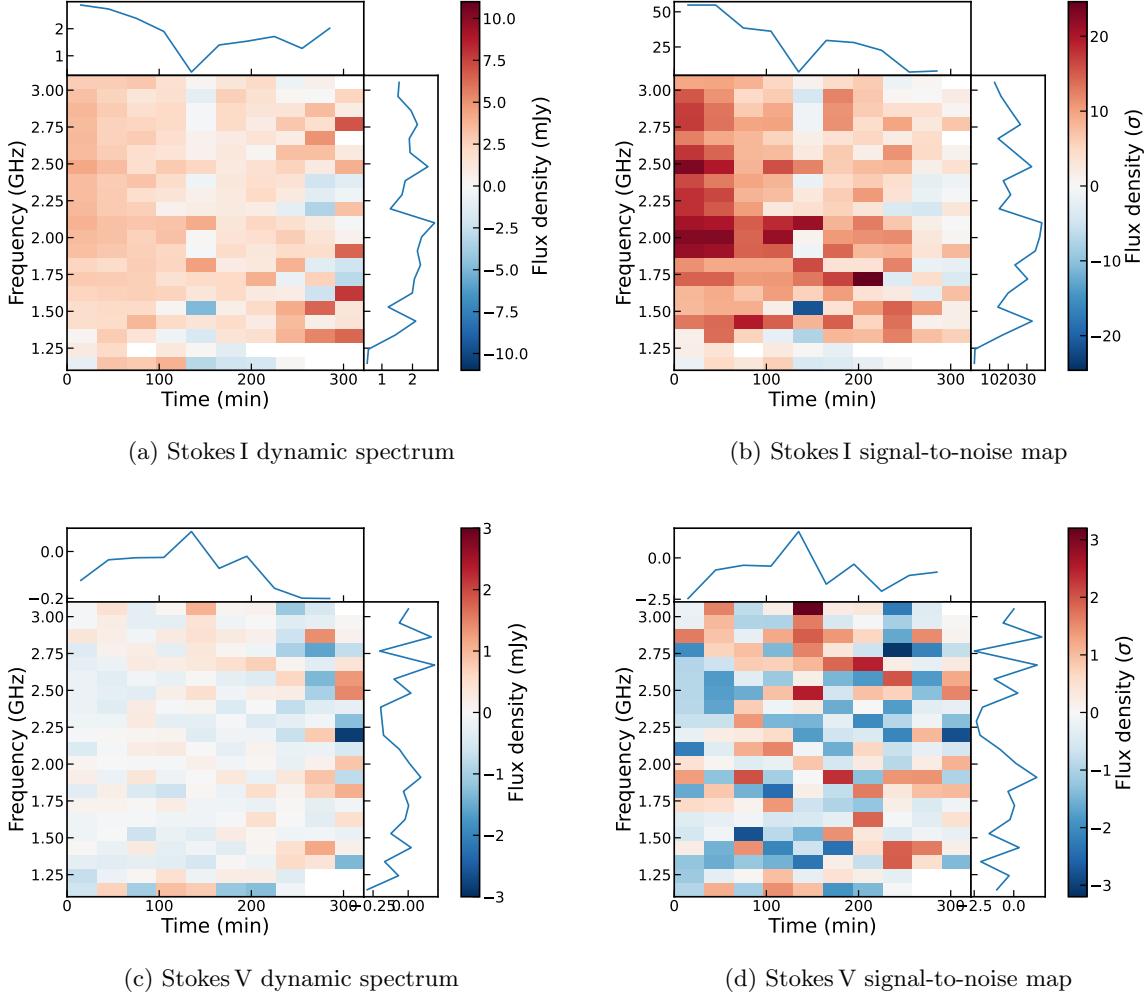


Figure 11: Dynamic spectra of the first observation on 2022-09-09.

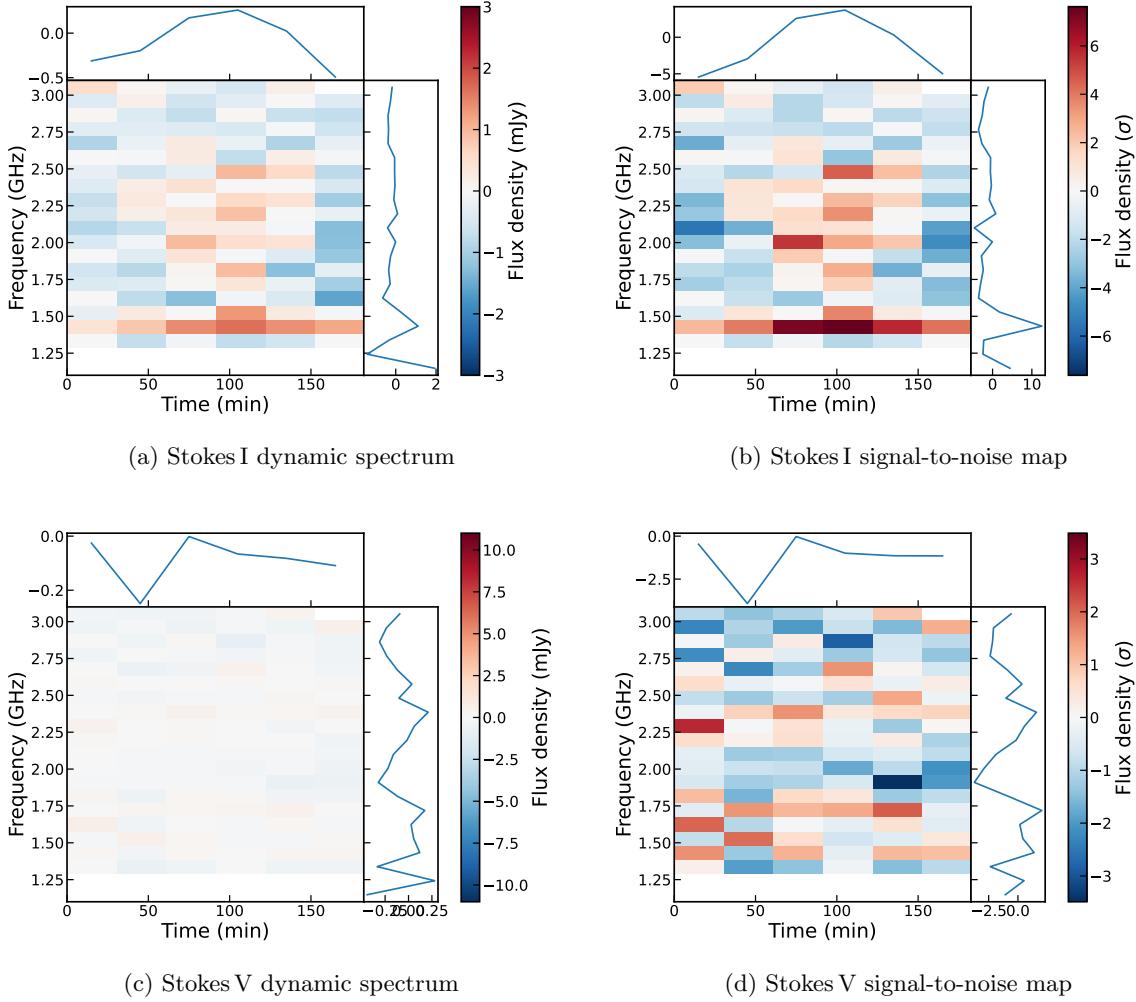


Figure 12: Dynamic spectra of the second observation on 2022-09-09.

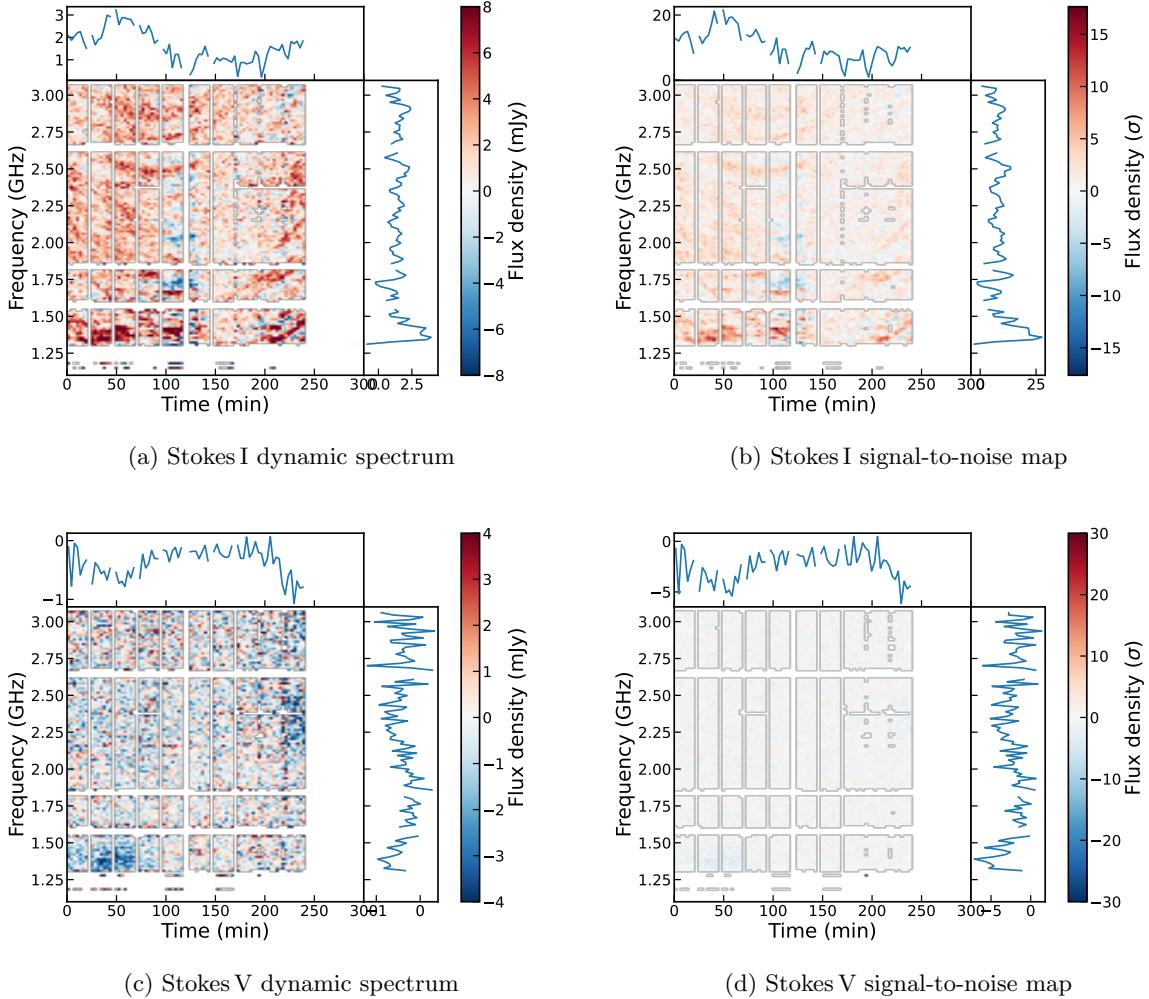


Figure 13: Dynamic spectra of the observation on 2022-09-10.

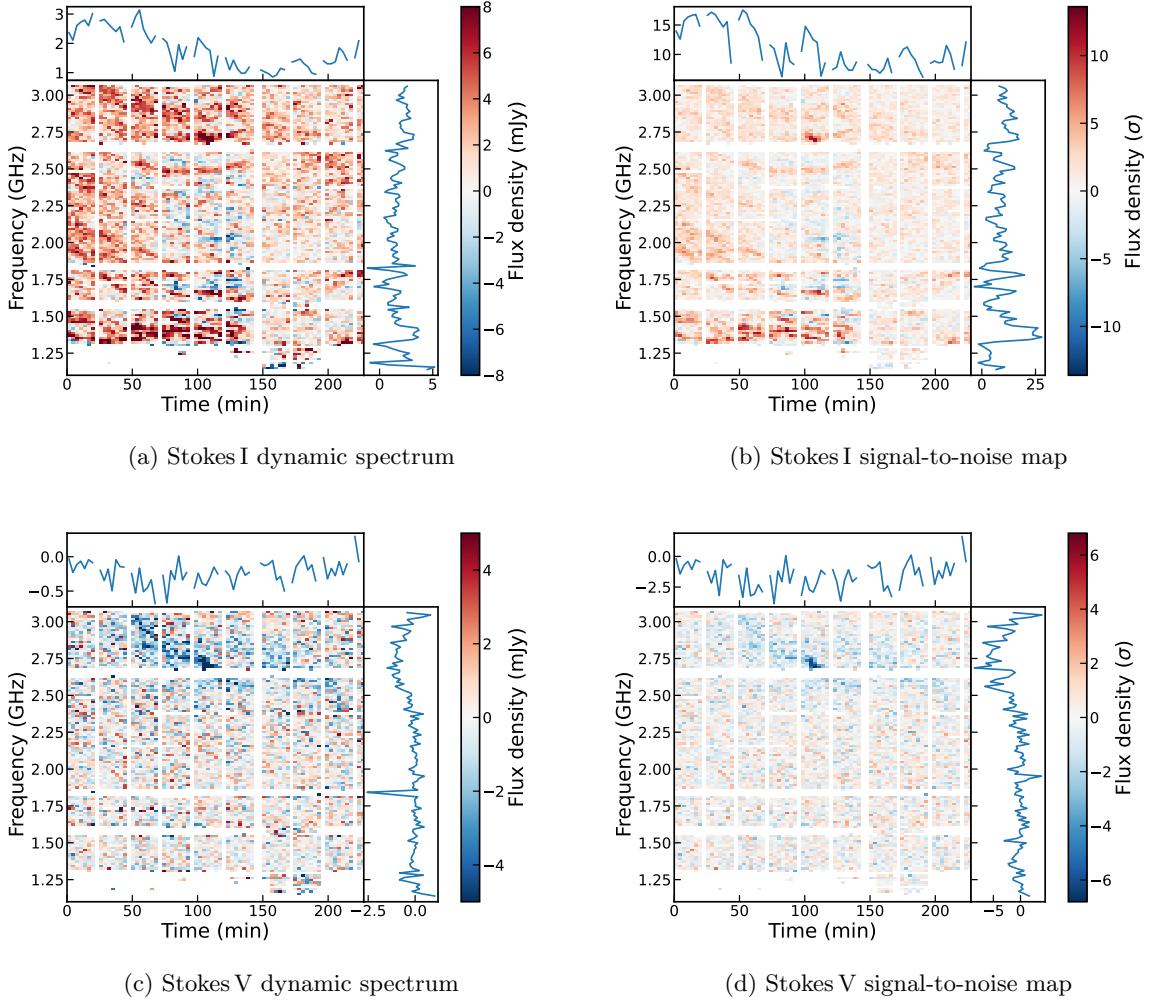


Figure 14: Dynamic spectra of the observation on 2022-09-11.

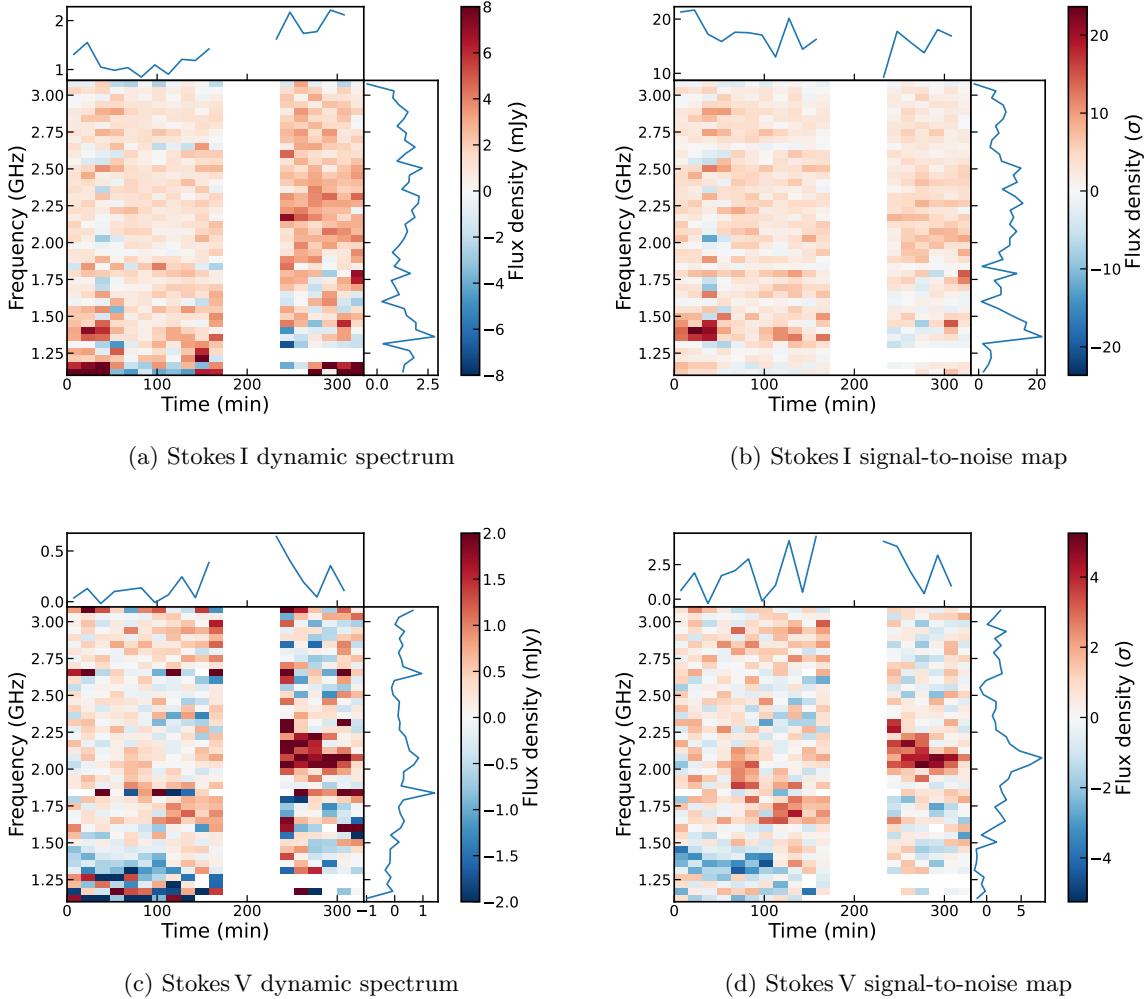


Figure 15: Dynamic spectra of the observation on 2022-09-12.

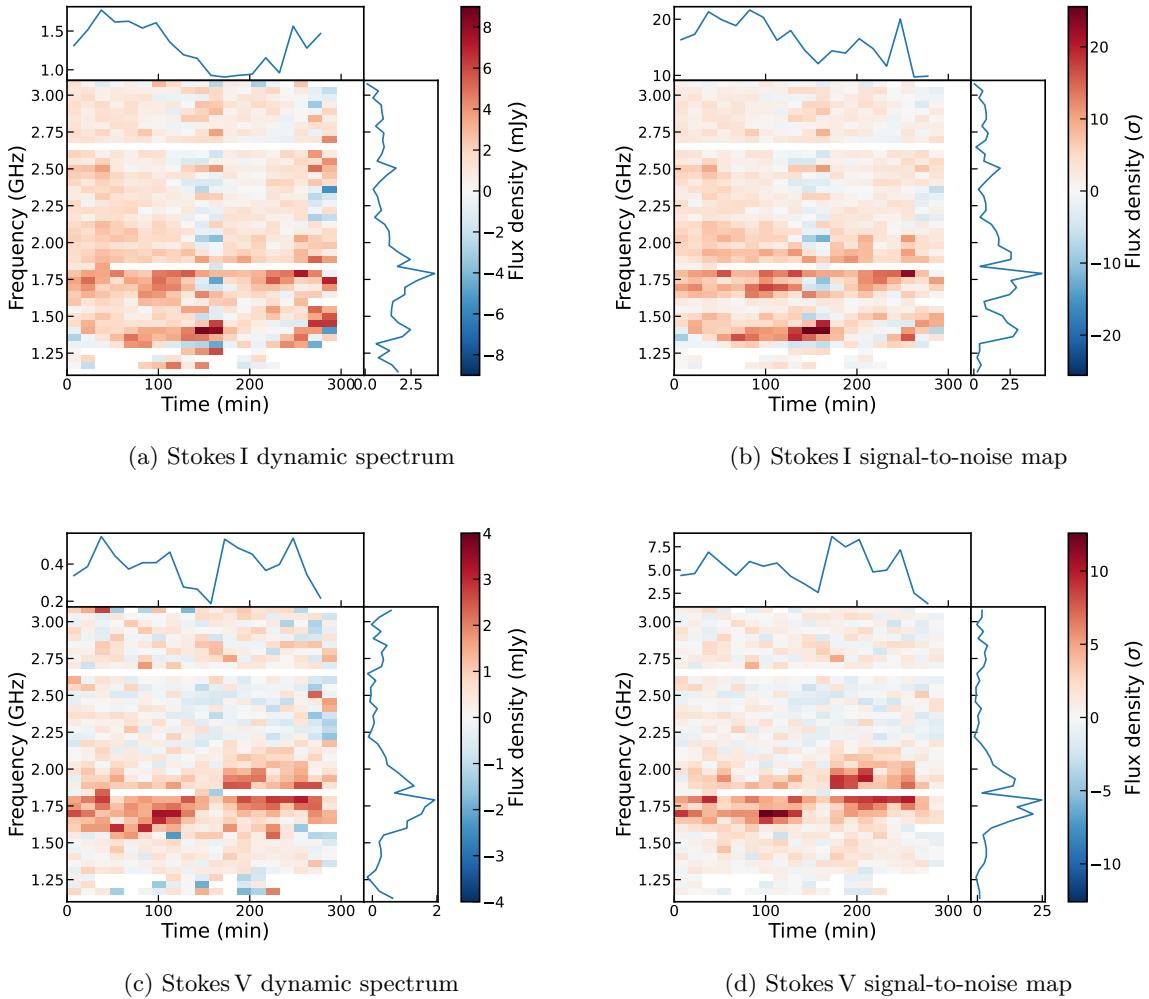


Figure 16: Dynamic spectra of the observation on 2022-09-13.

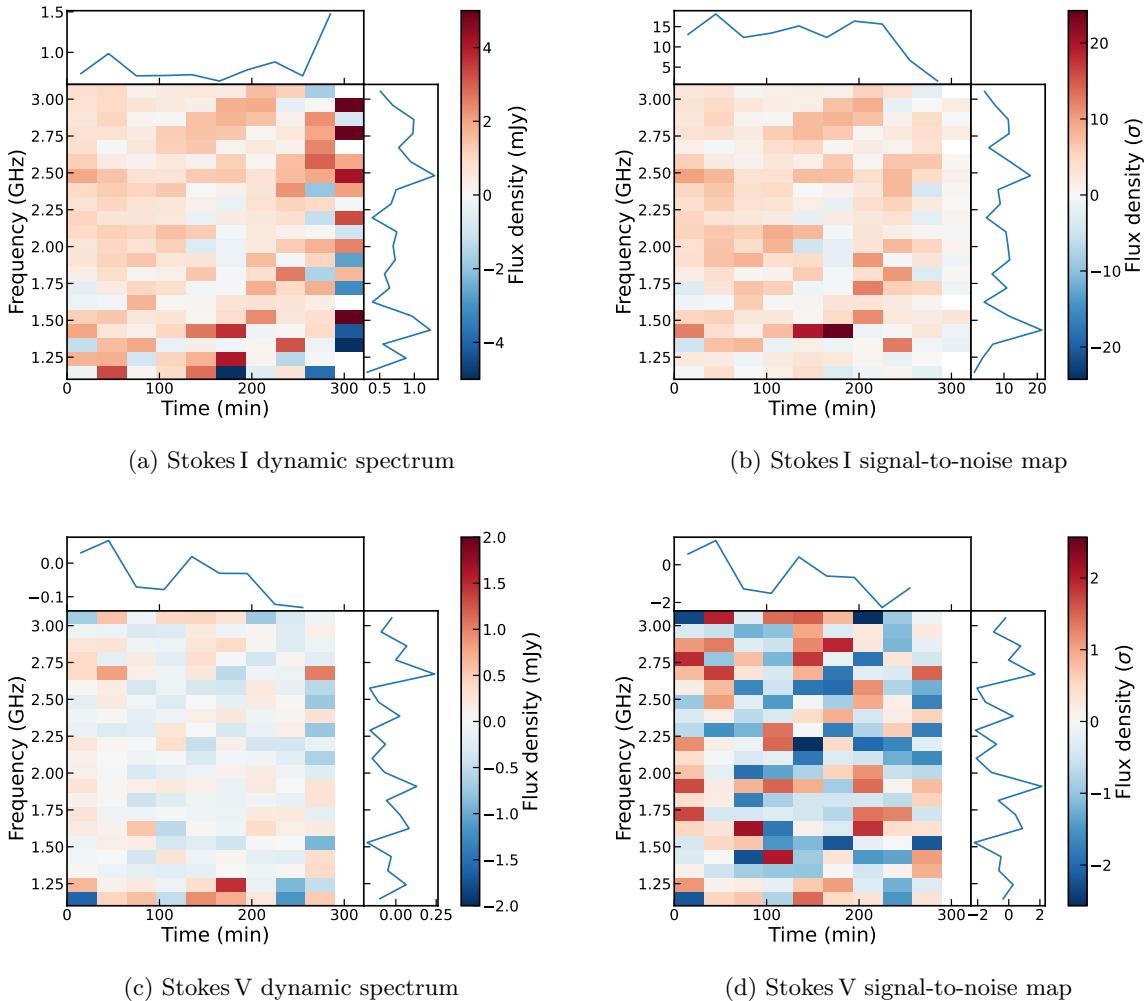


Figure 17: Dynamic spectra of the observation on 2022-09-14.

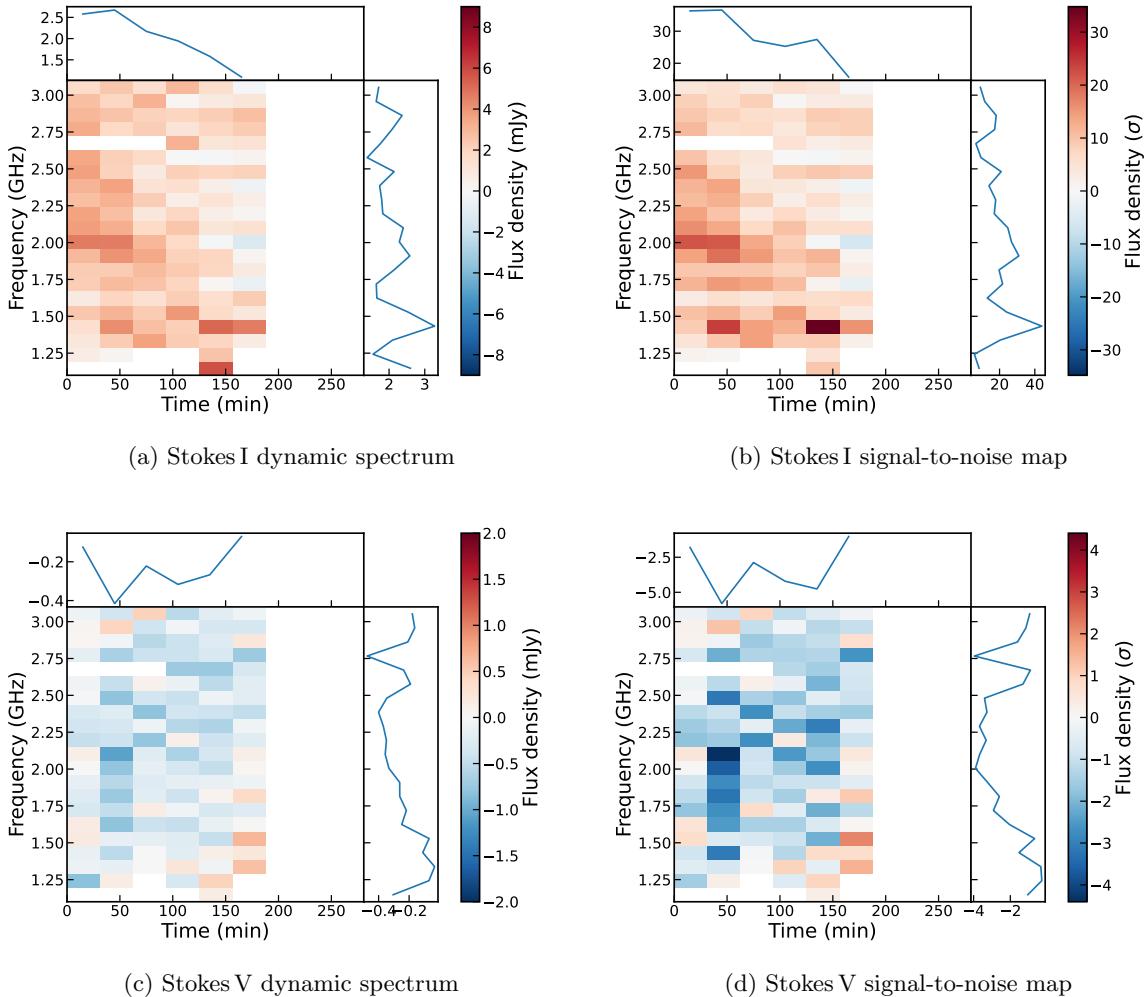


Figure 18: Dynamic spectra of the first observation on 2022-09-15.

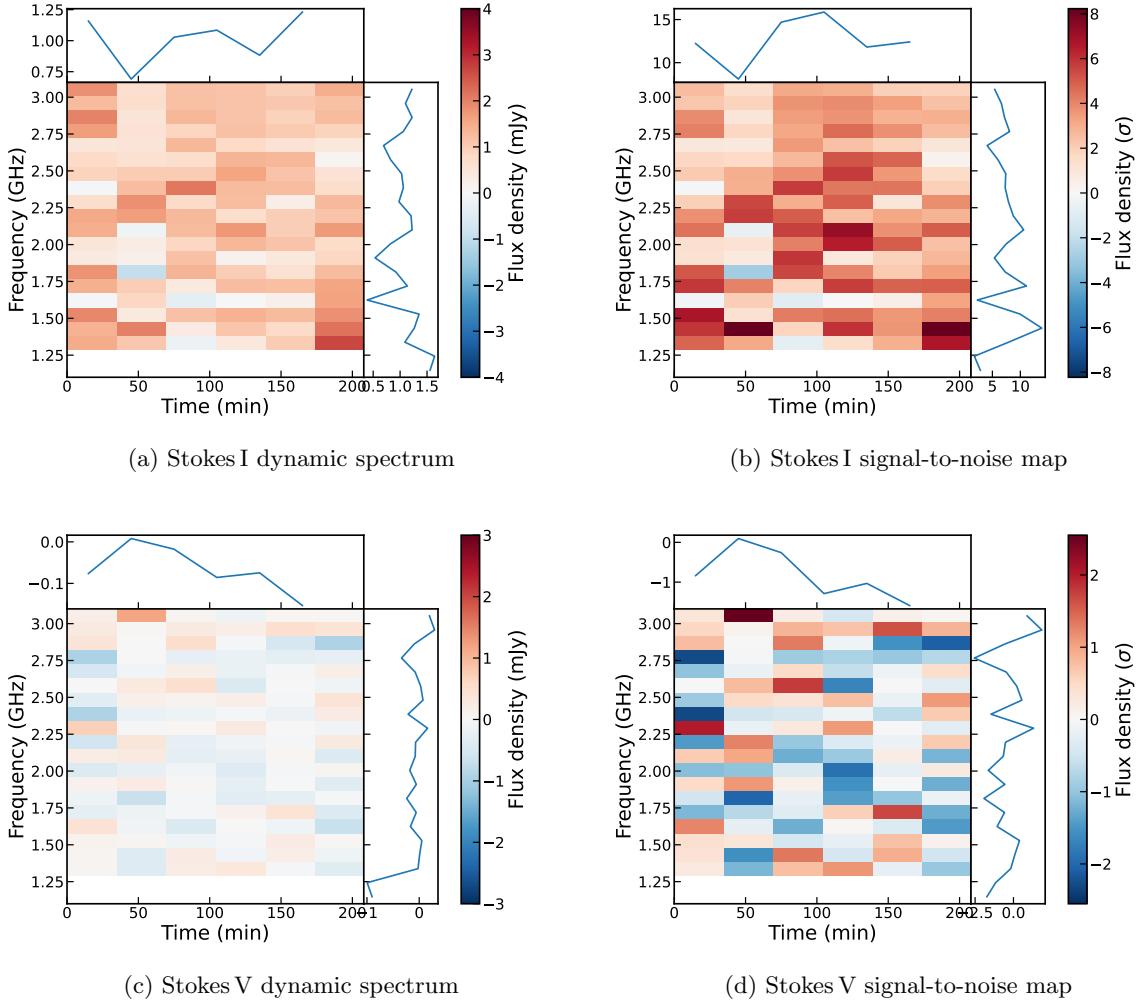


Figure 19: Dynamic spectra of the second observation on 2022-09-15.

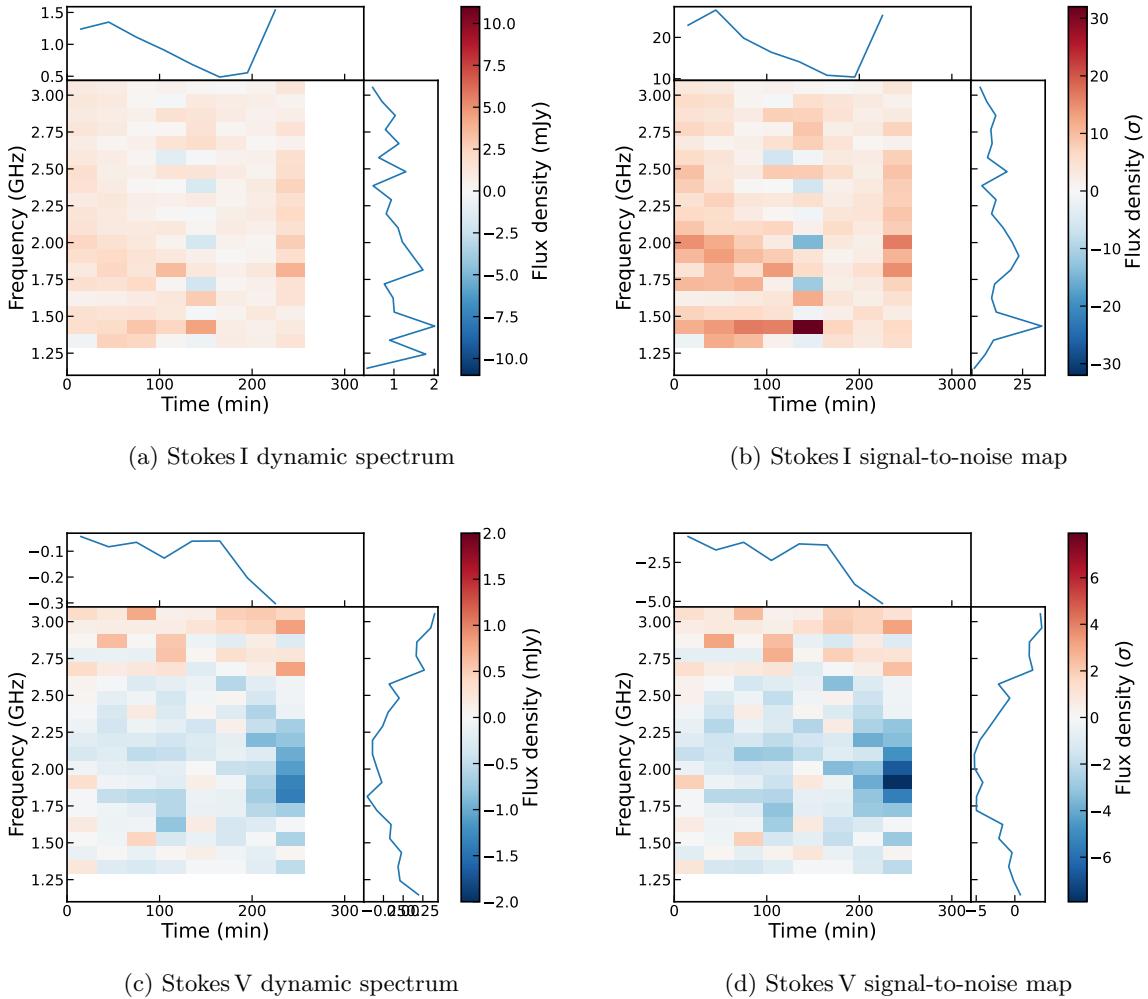


Figure 20: Dynamic spectra of the observation on 2022-09-16.

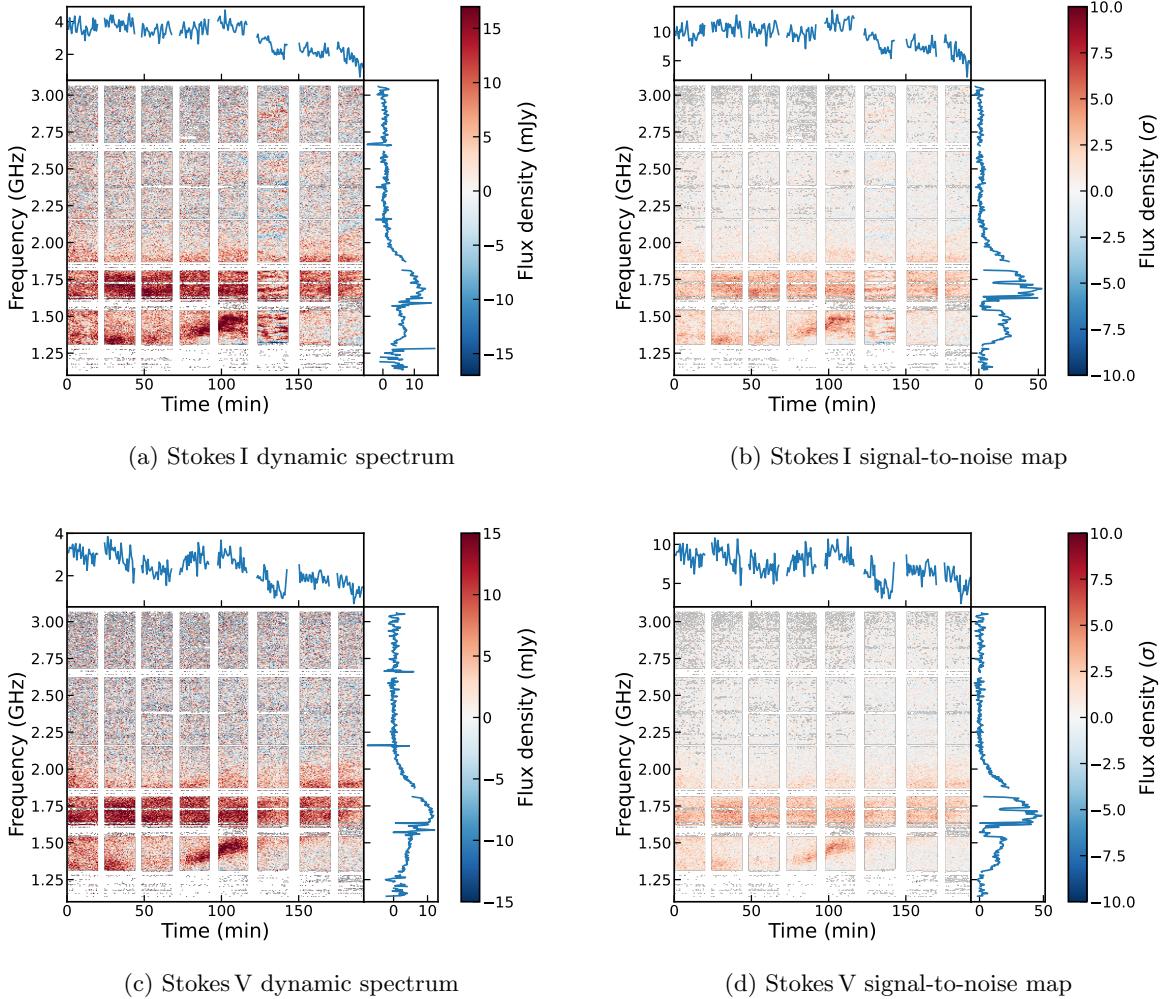


Figure 21: Dynamic spectra of the observation on 2022-09-17.

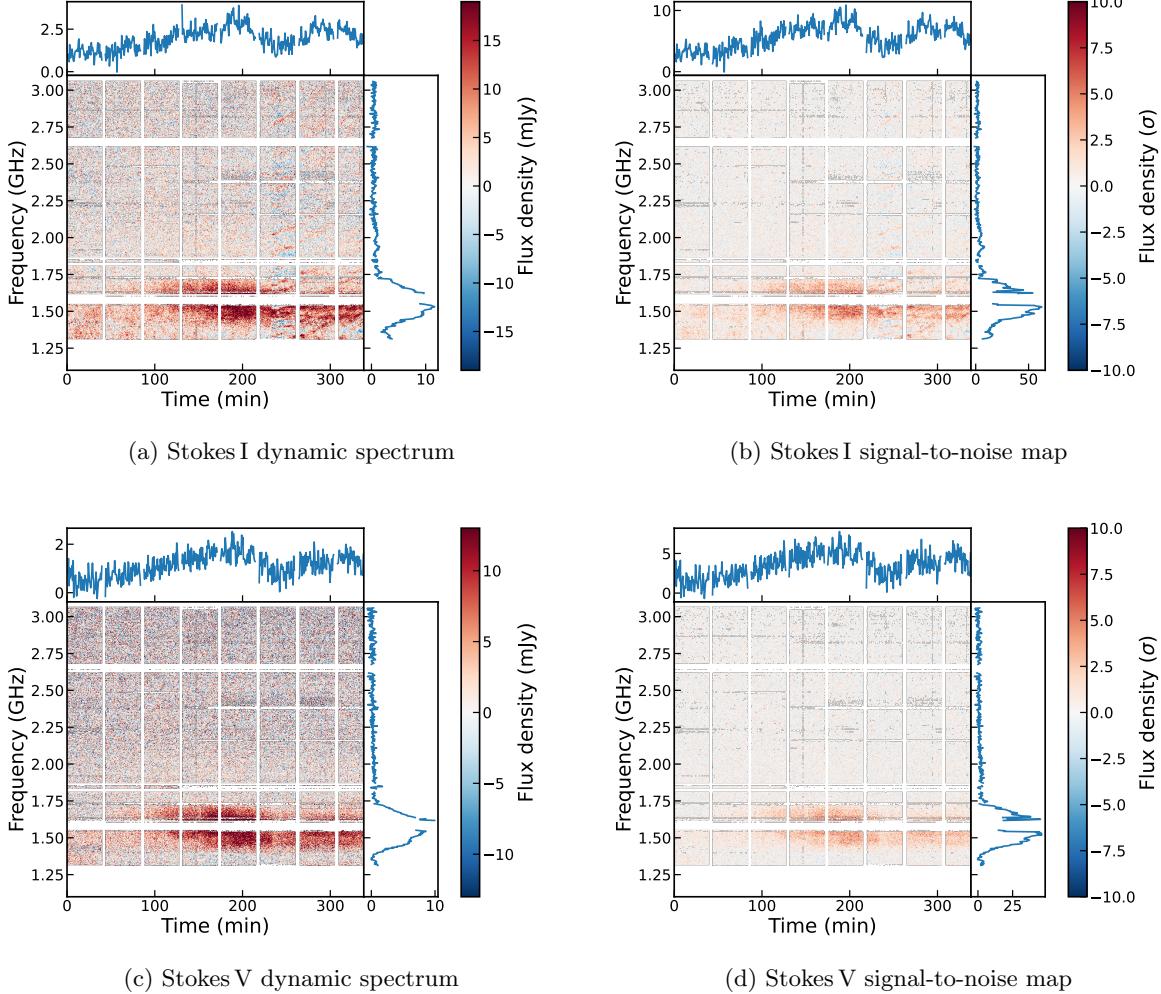


Figure 22: Dynamic spectra of the observation on 2022-10-02.

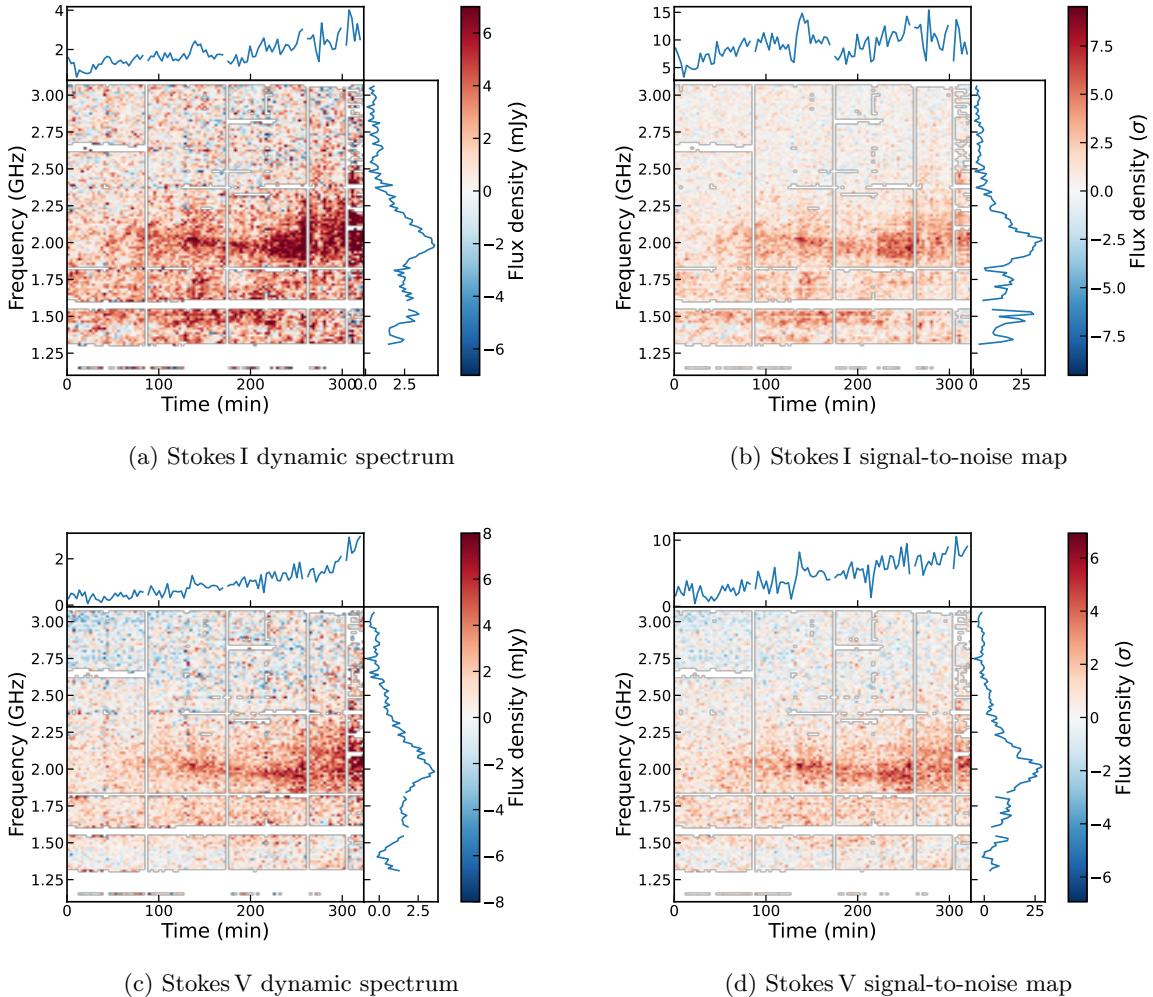


Figure 23: Dynamic spectra of the observation on 2022-10-07.

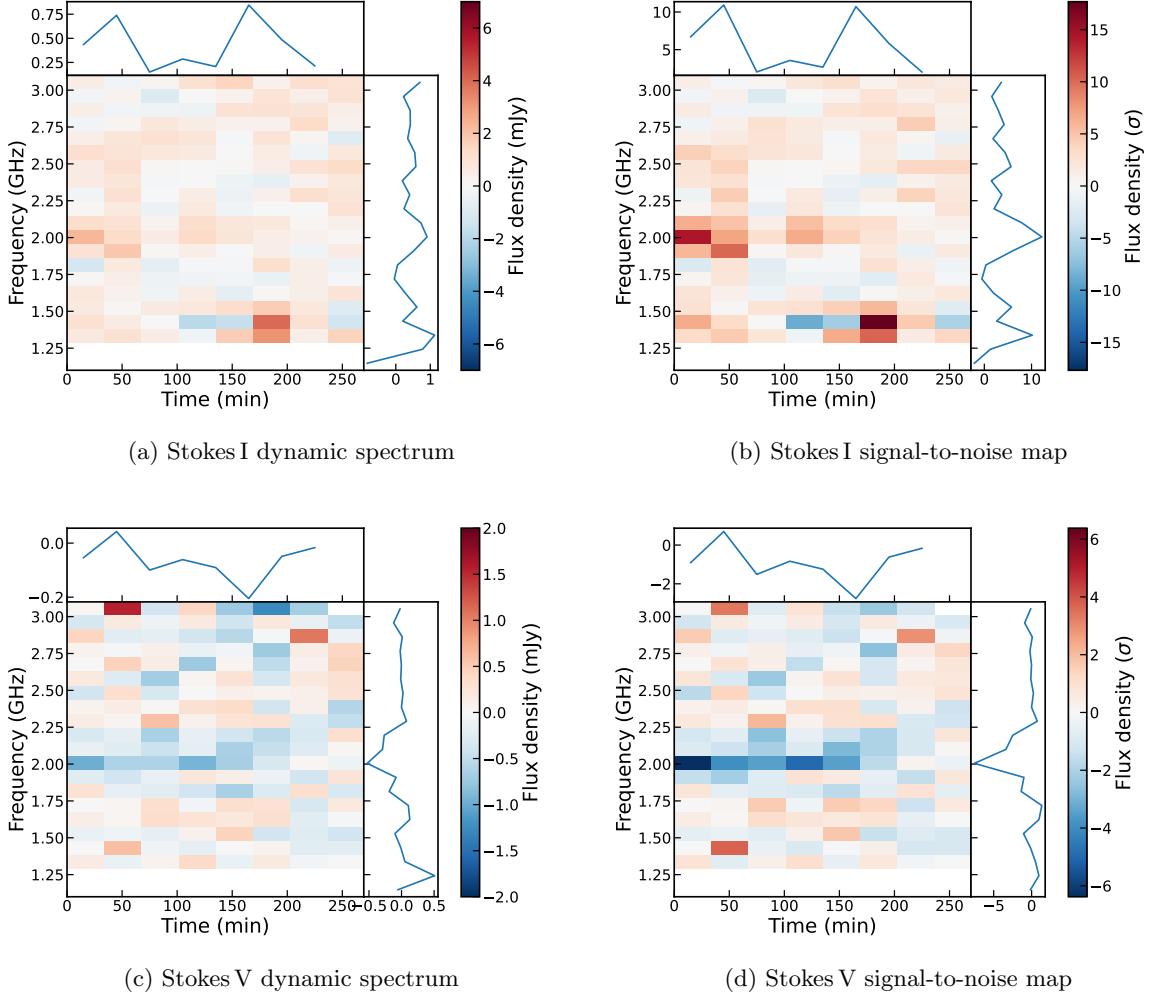


Figure 24: Dynamic spectra of the observation on 2022-10-24.

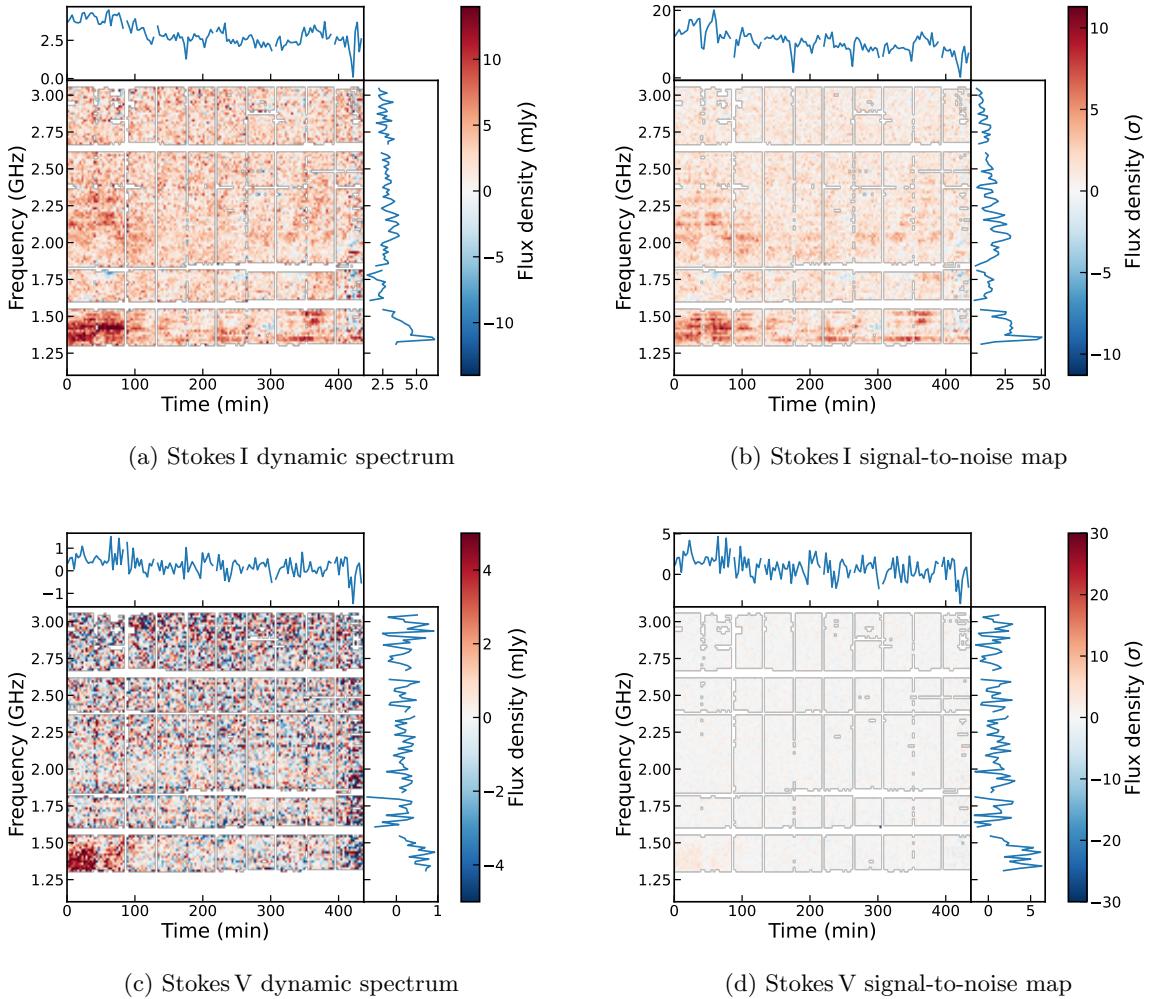


Figure 25: Dynamic spectra of the observation on 2022-10-27.

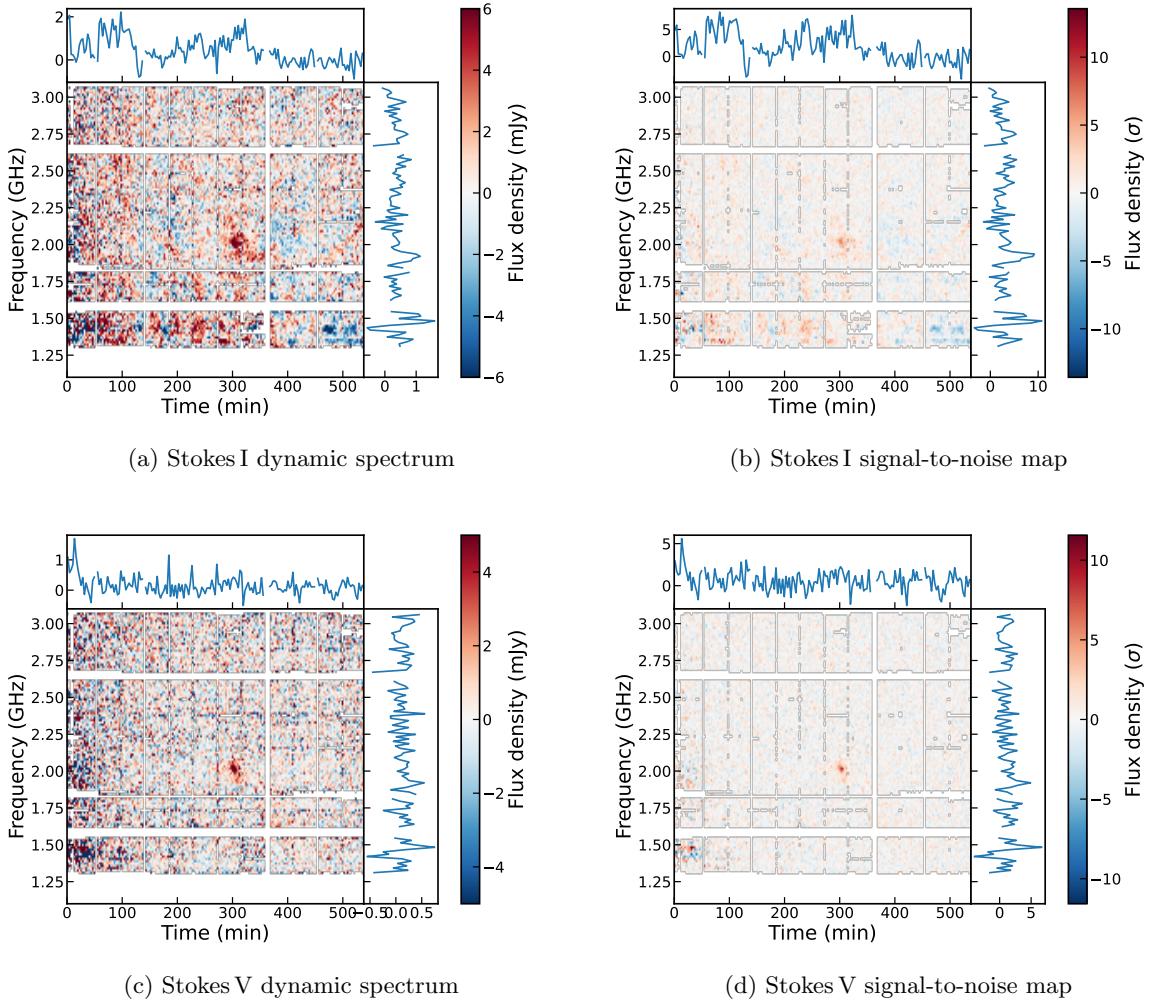


Figure 26: Dynamic spectra of the observation on 2022-11-06.

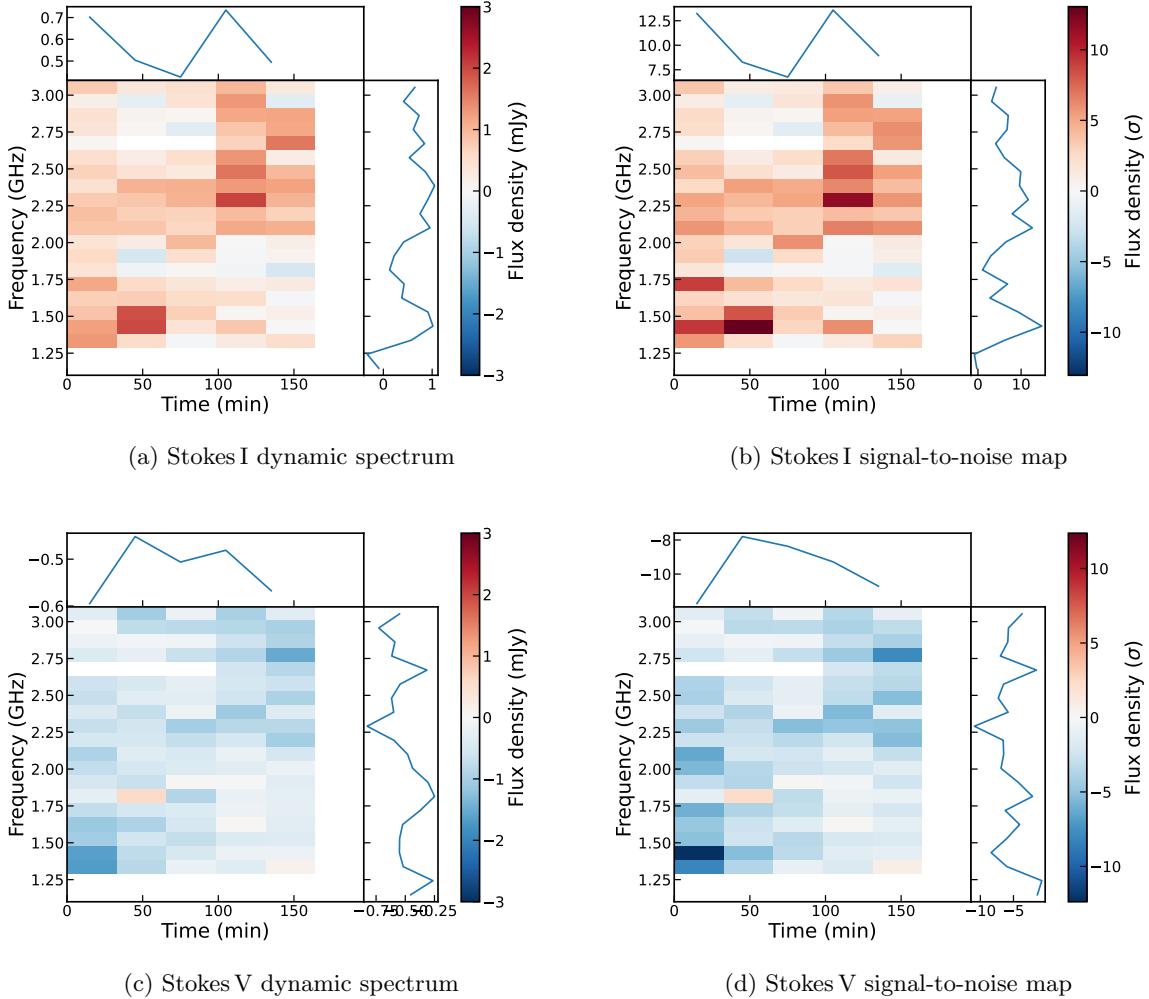


Figure 27: Dynamic spectra of the observation on 2022-11-13.

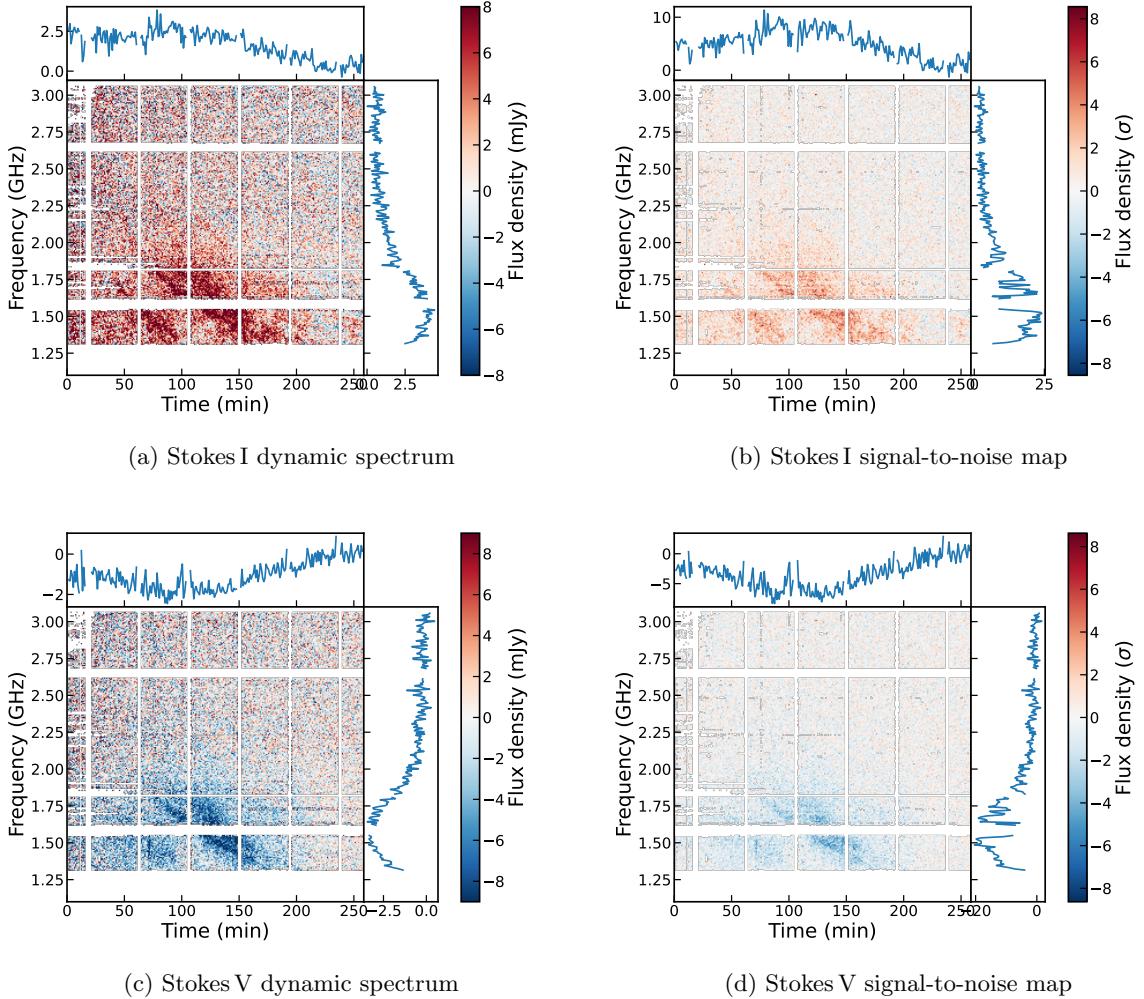


Figure 28: Dynamic spectra of the observation on 2022-11-23.

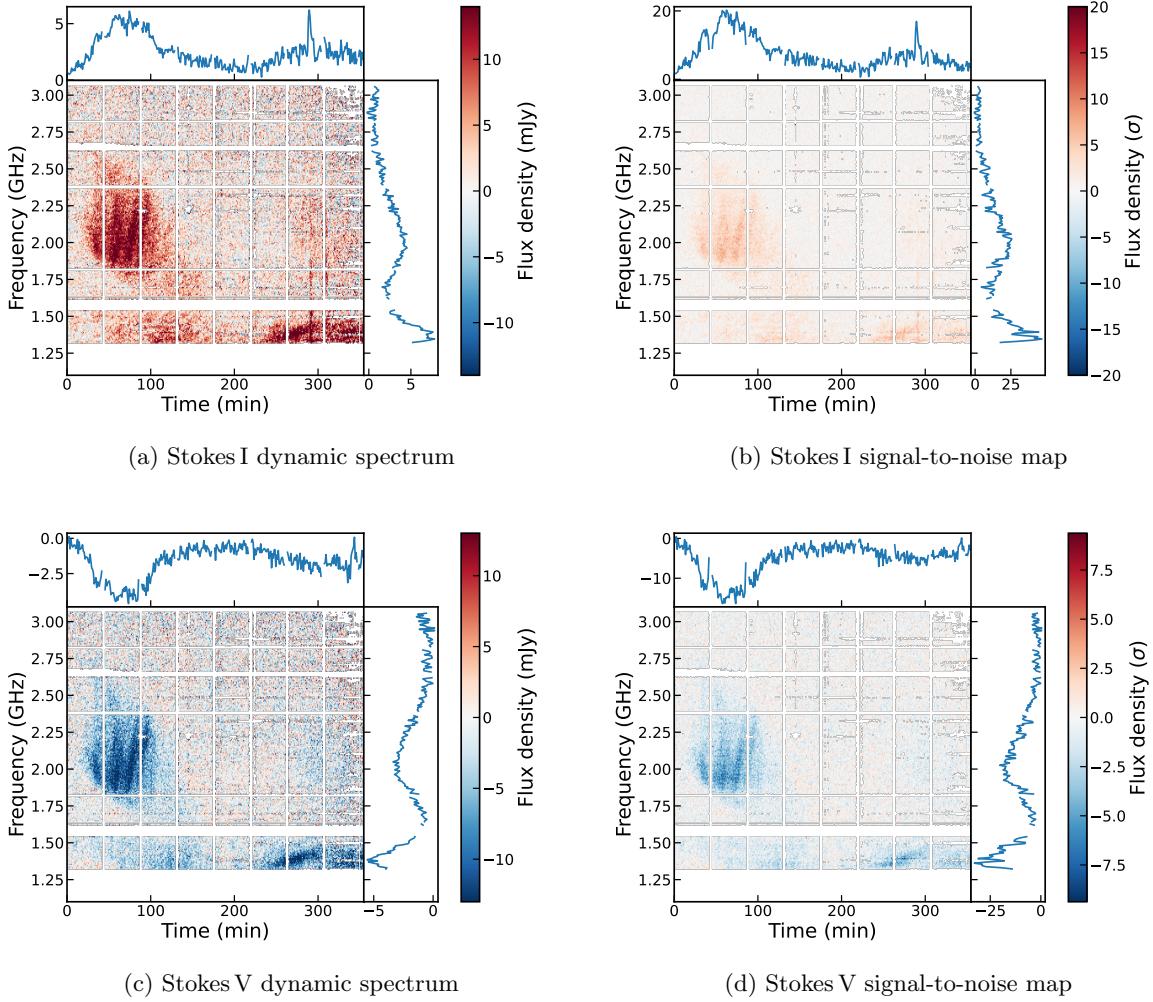


Figure 29: Dynamic spectra of the observation on 2022-11-27.

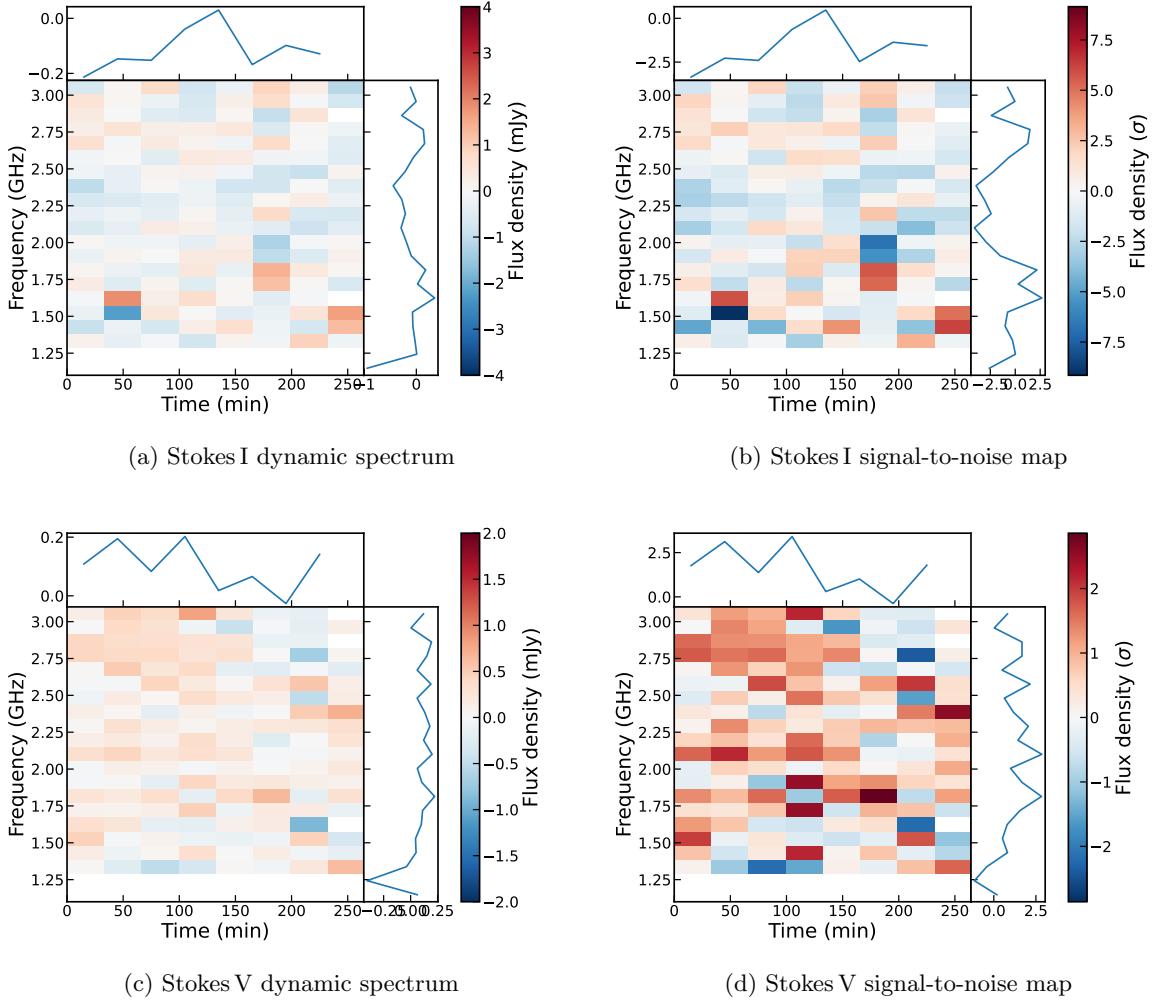


Figure 30: Dynamic spectra of the observation on 2022-12-08.

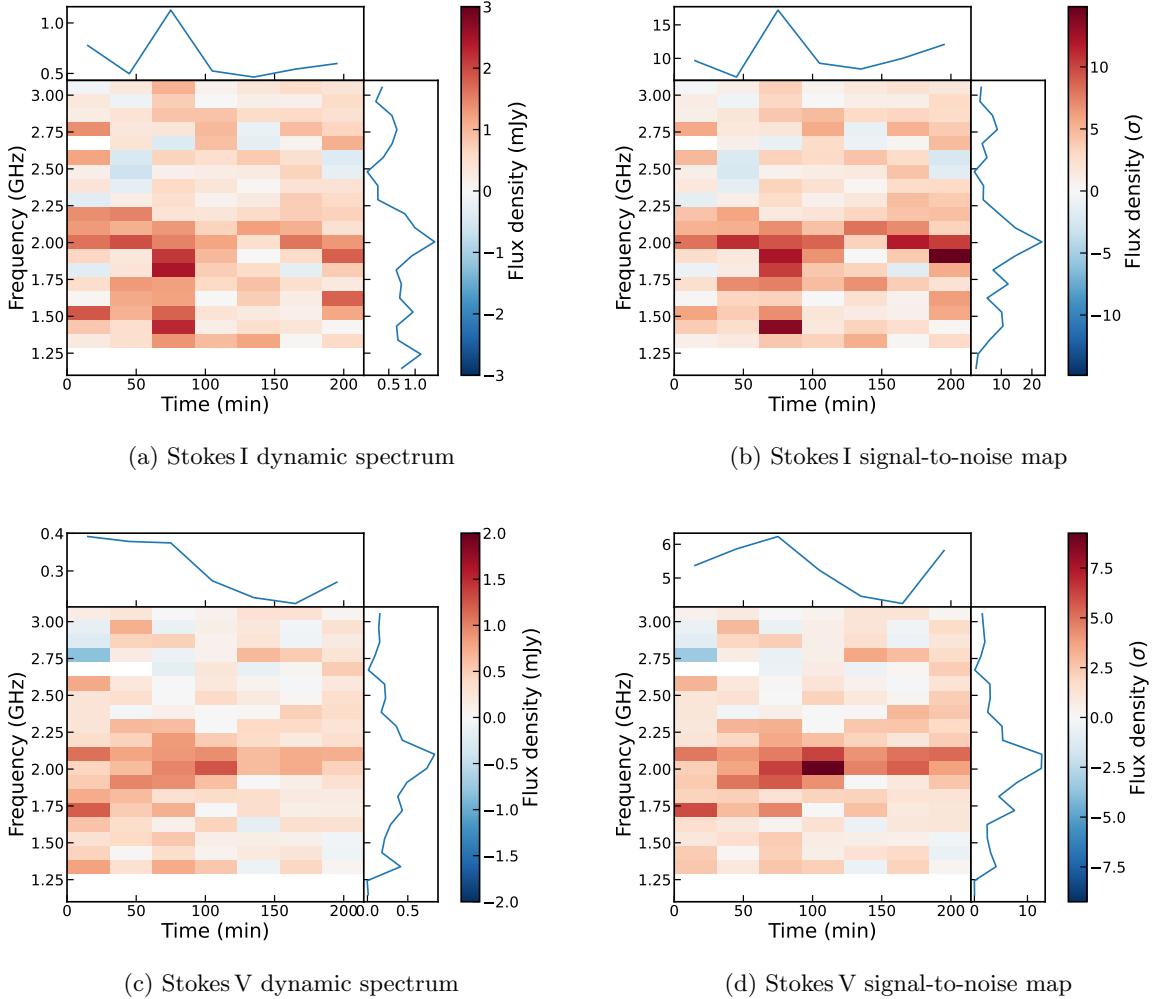


Figure 31: Dynamic spectra of the observation on 2022-12-09.

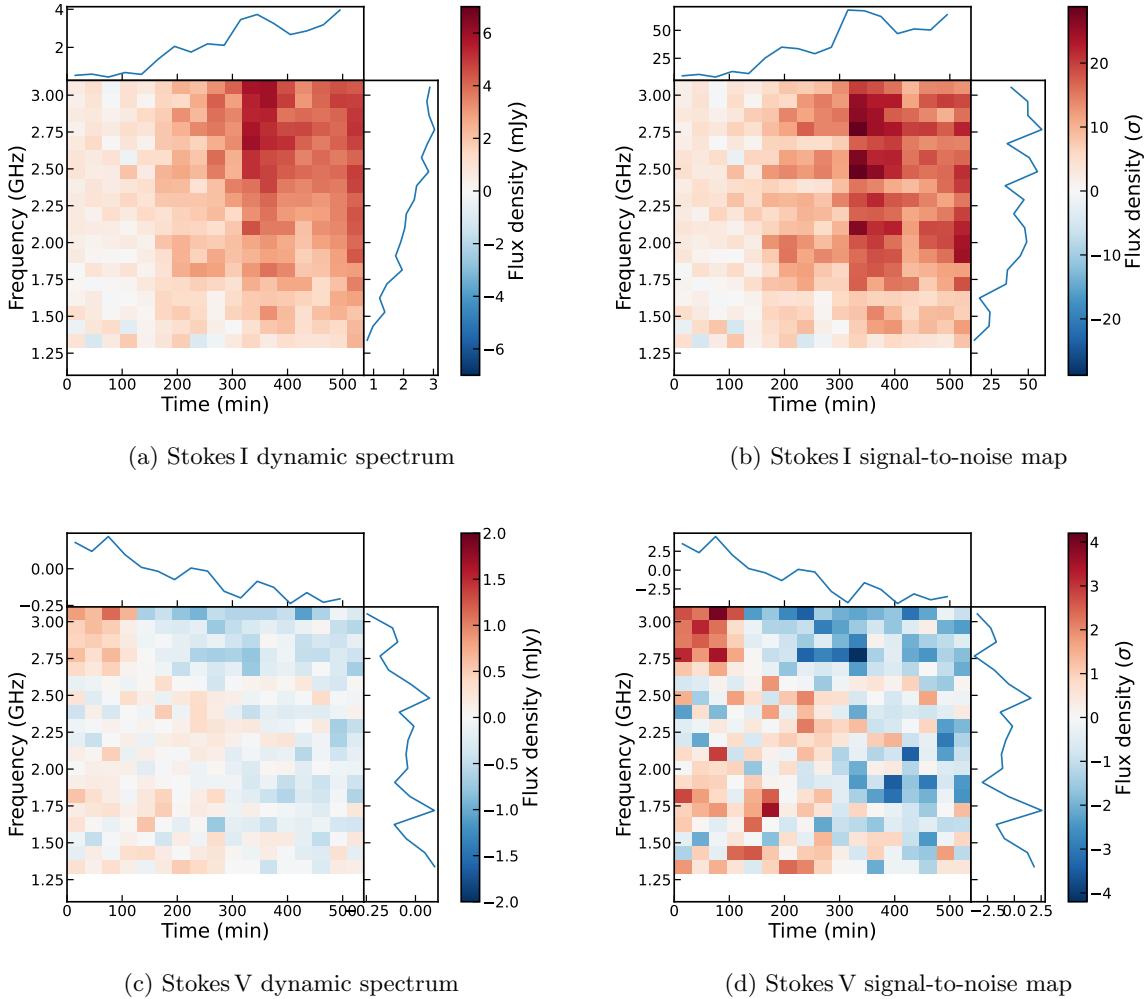


Figure 32: Dynamic spectra of the observation on 2022-12-25.

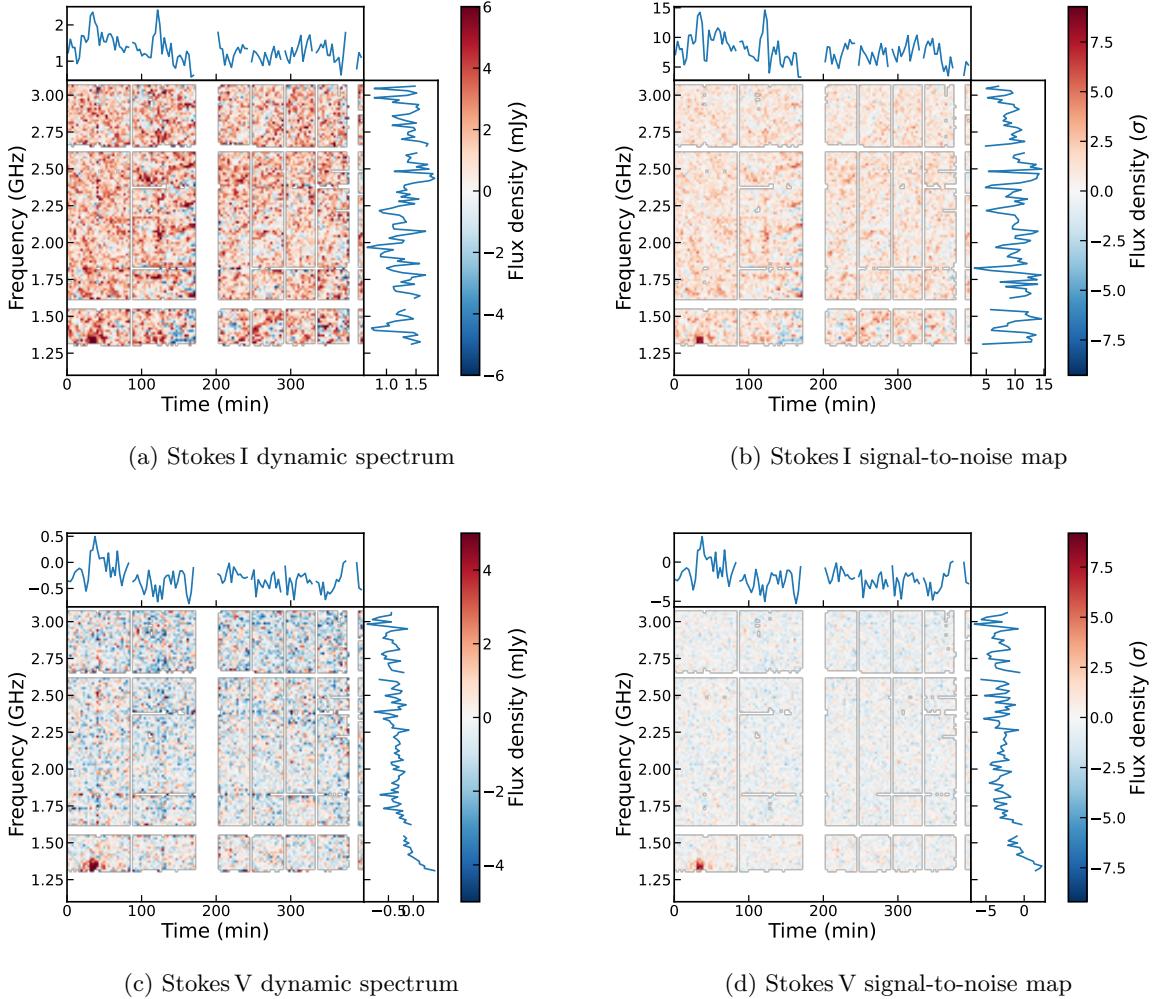


Figure 33: Dynamic spectra of the observation on 2022-12-31.

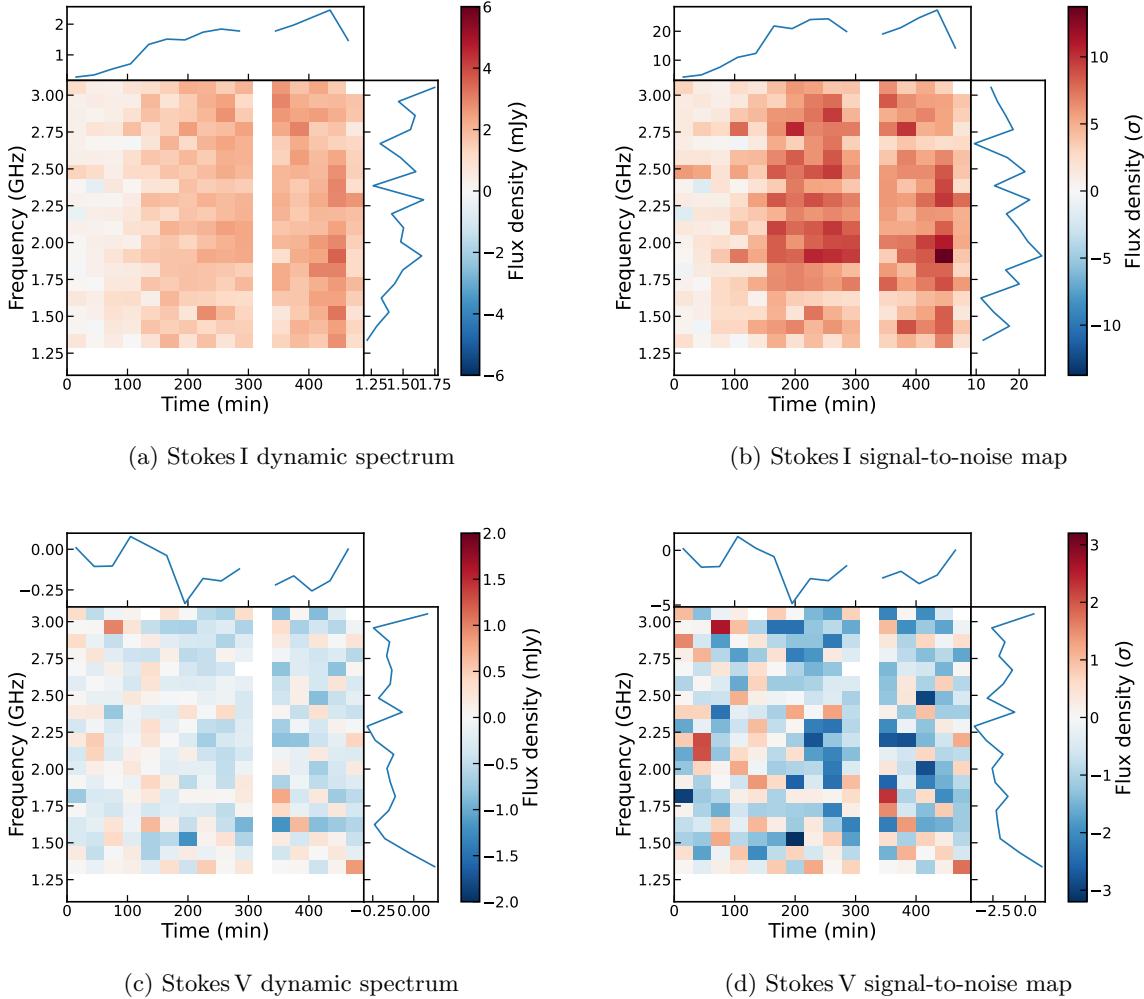


Figure 34: Dynamic spectra of the observation on 2023-01-19.

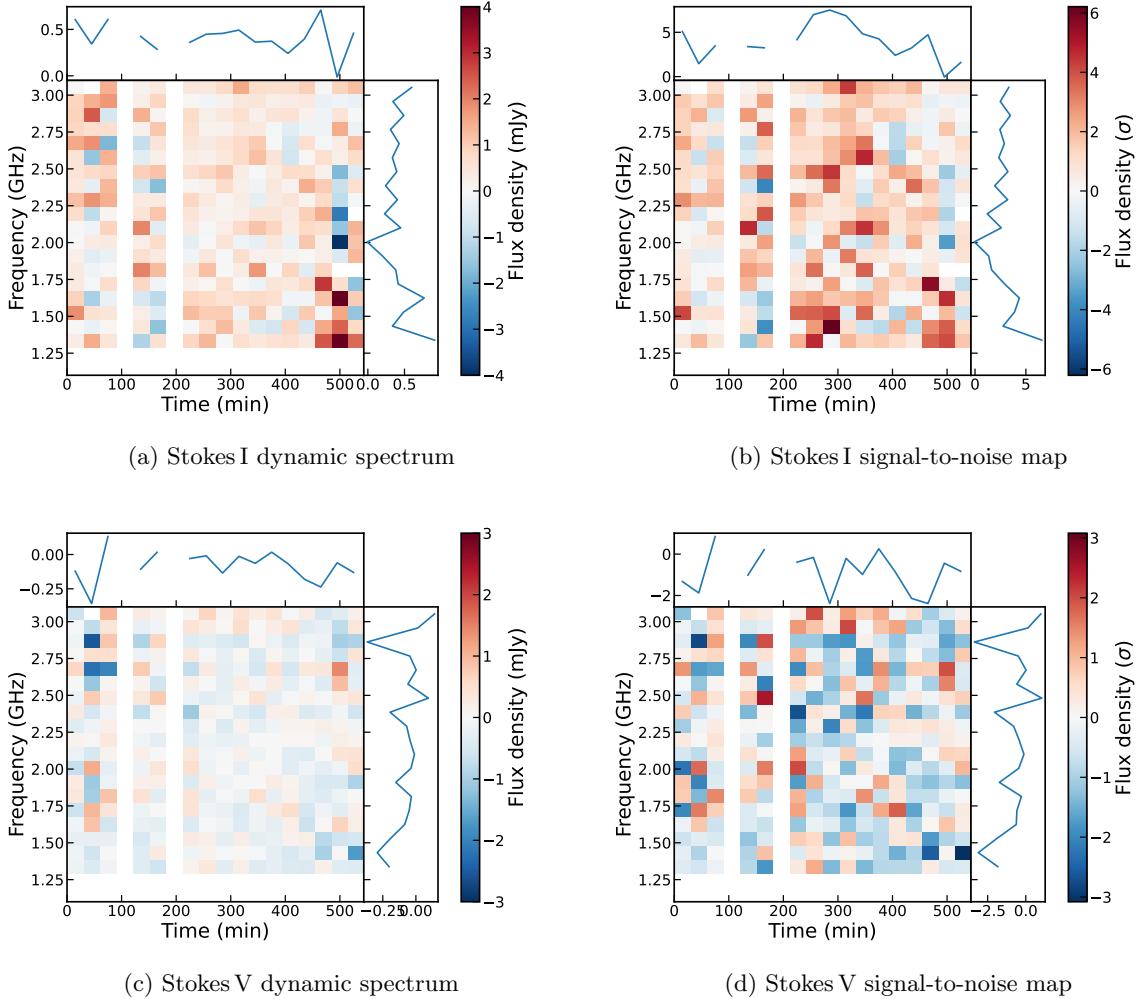


Figure 35: Dynamic spectra of the observation on 2023-02-02.

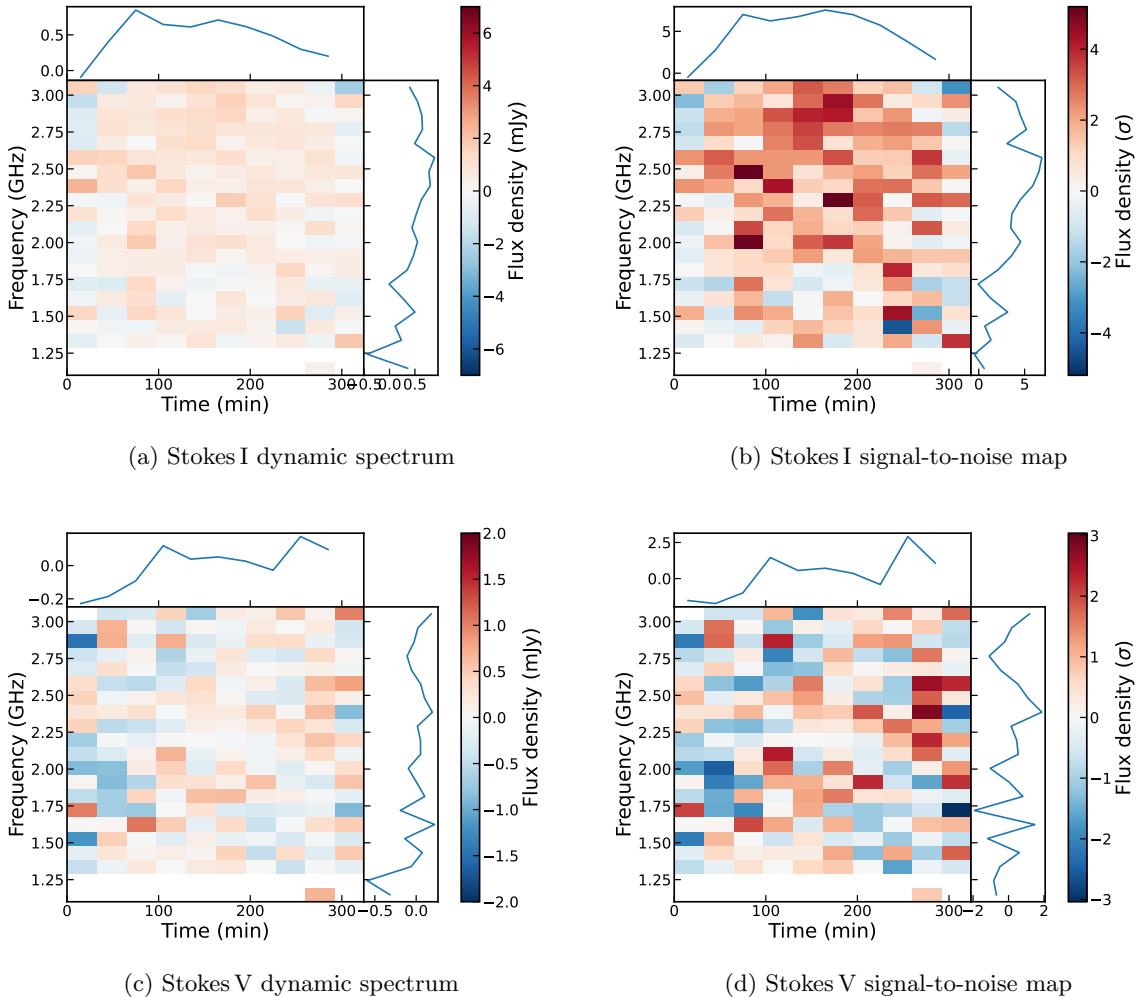


Figure 36: Dynamic spectra of the observation on 2023-02-04.

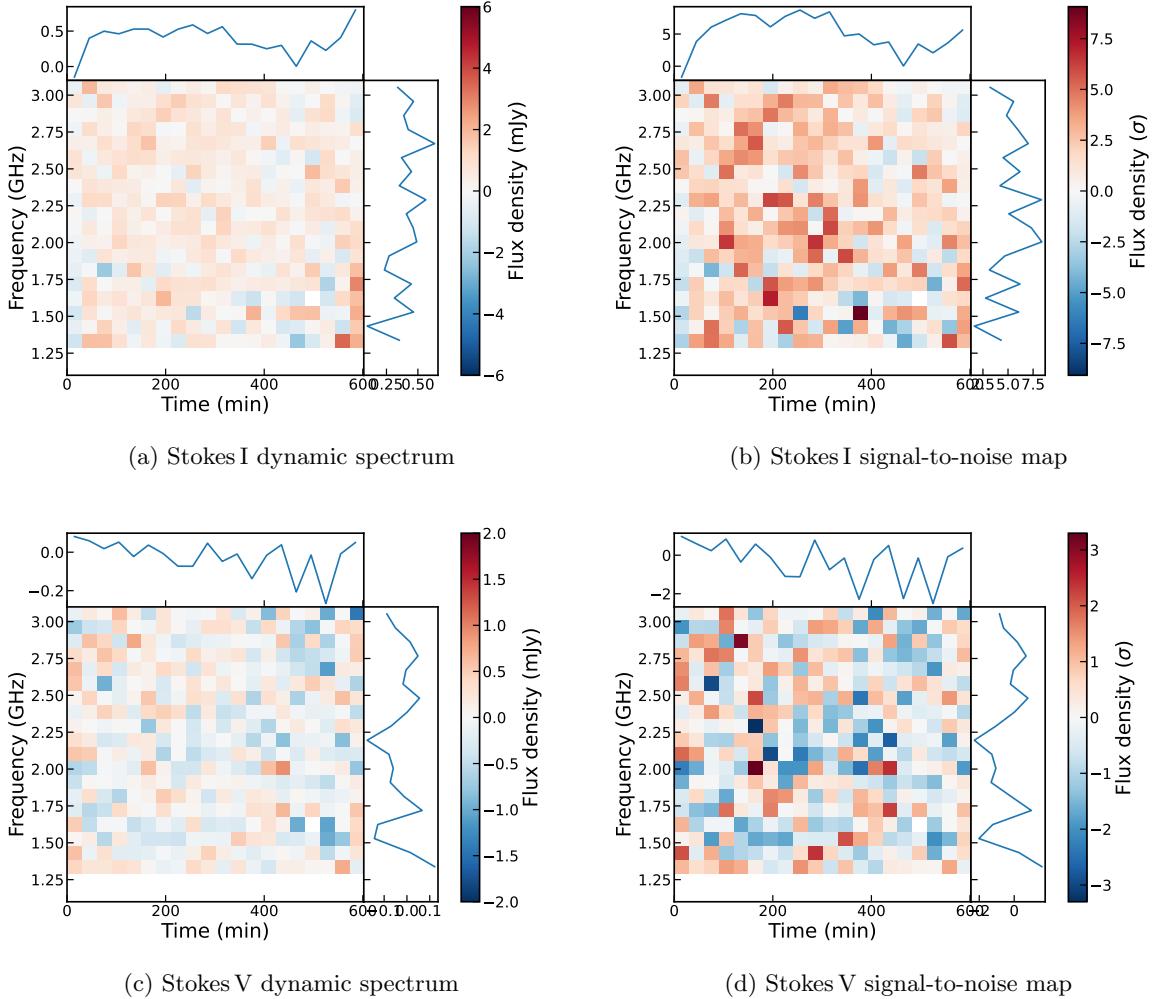


Figure 37: Dynamic spectra of the observation on 2023-02-26.

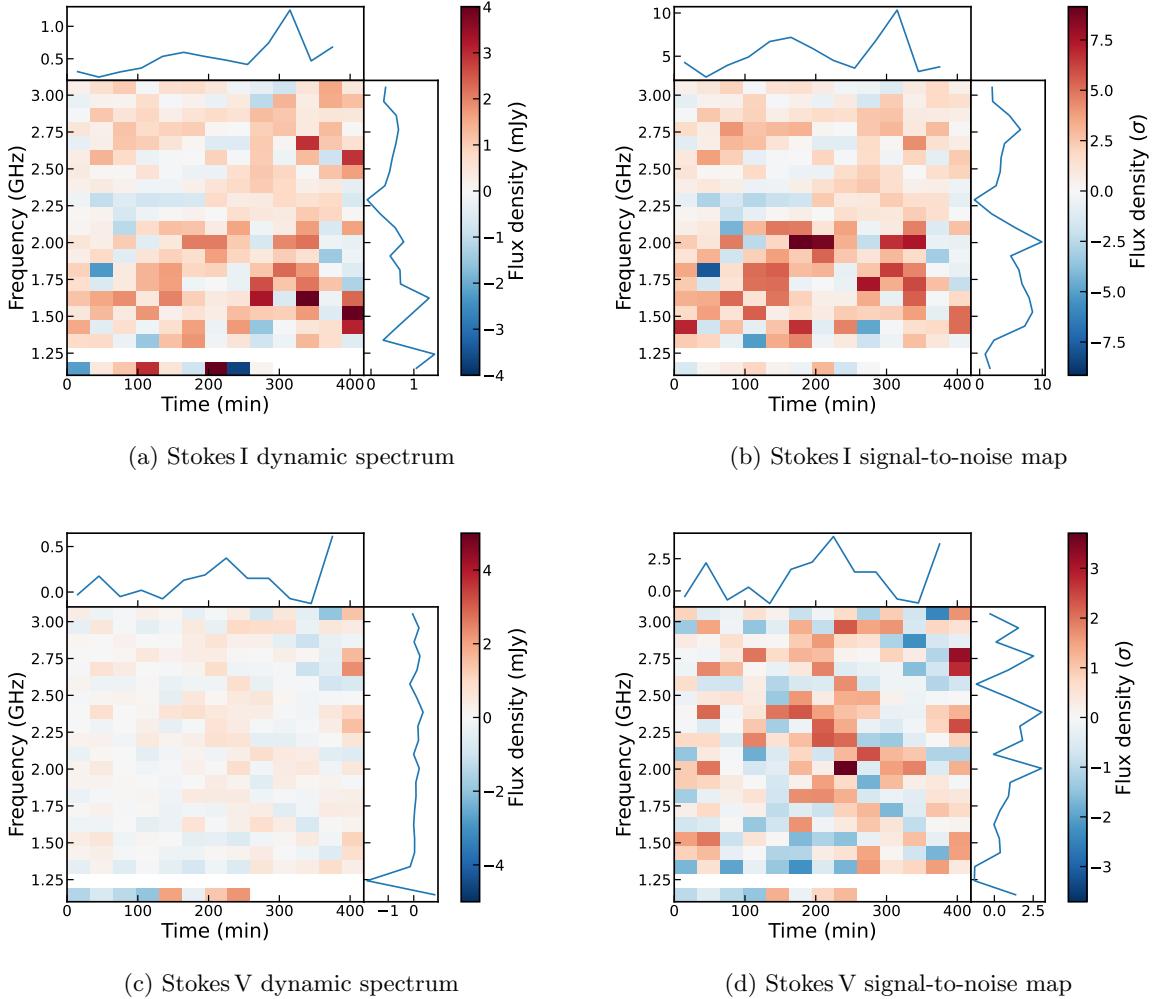


Figure 38: Dynamic spectra of the observation on 2023-03-01.

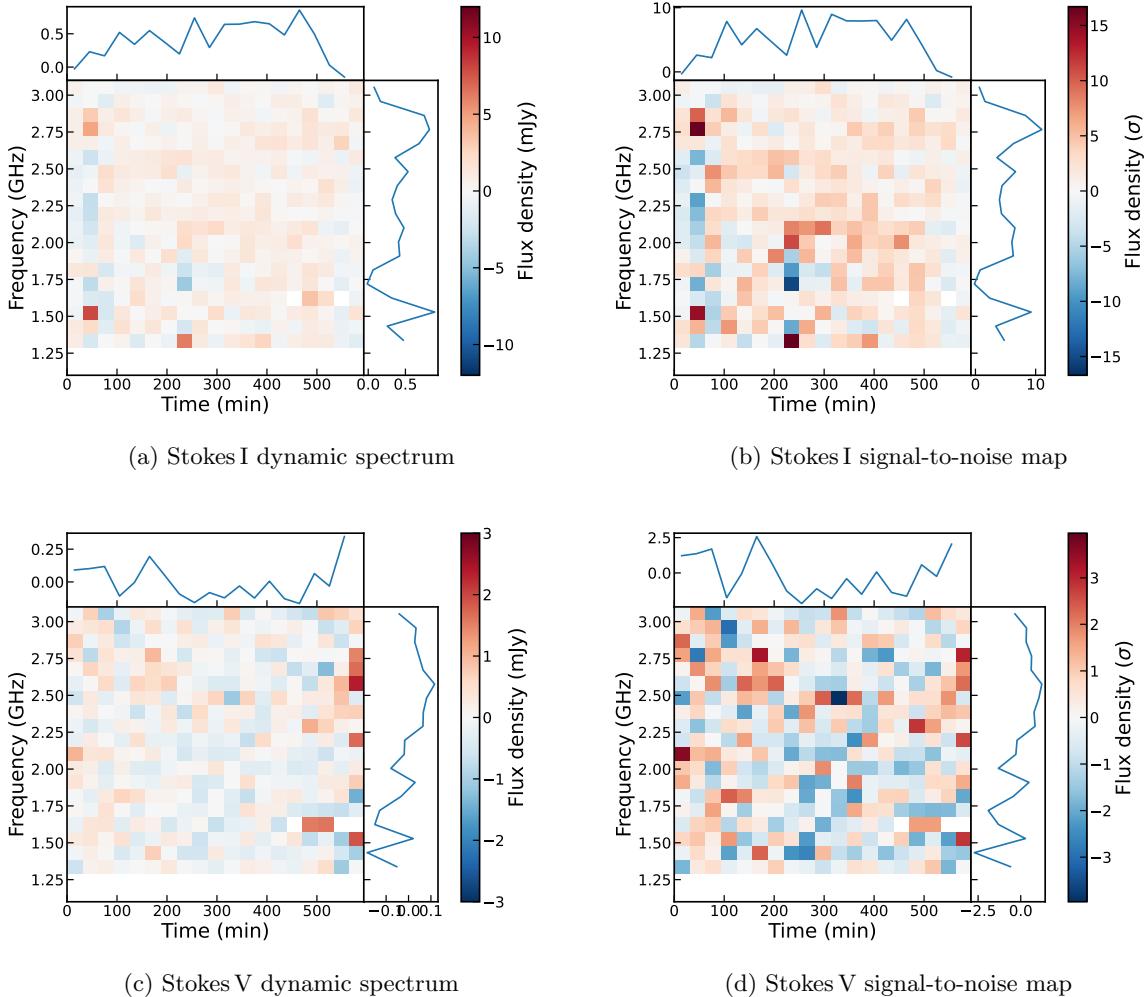


Figure 39: Dynamic spectra of the observation on 2023-03-03.

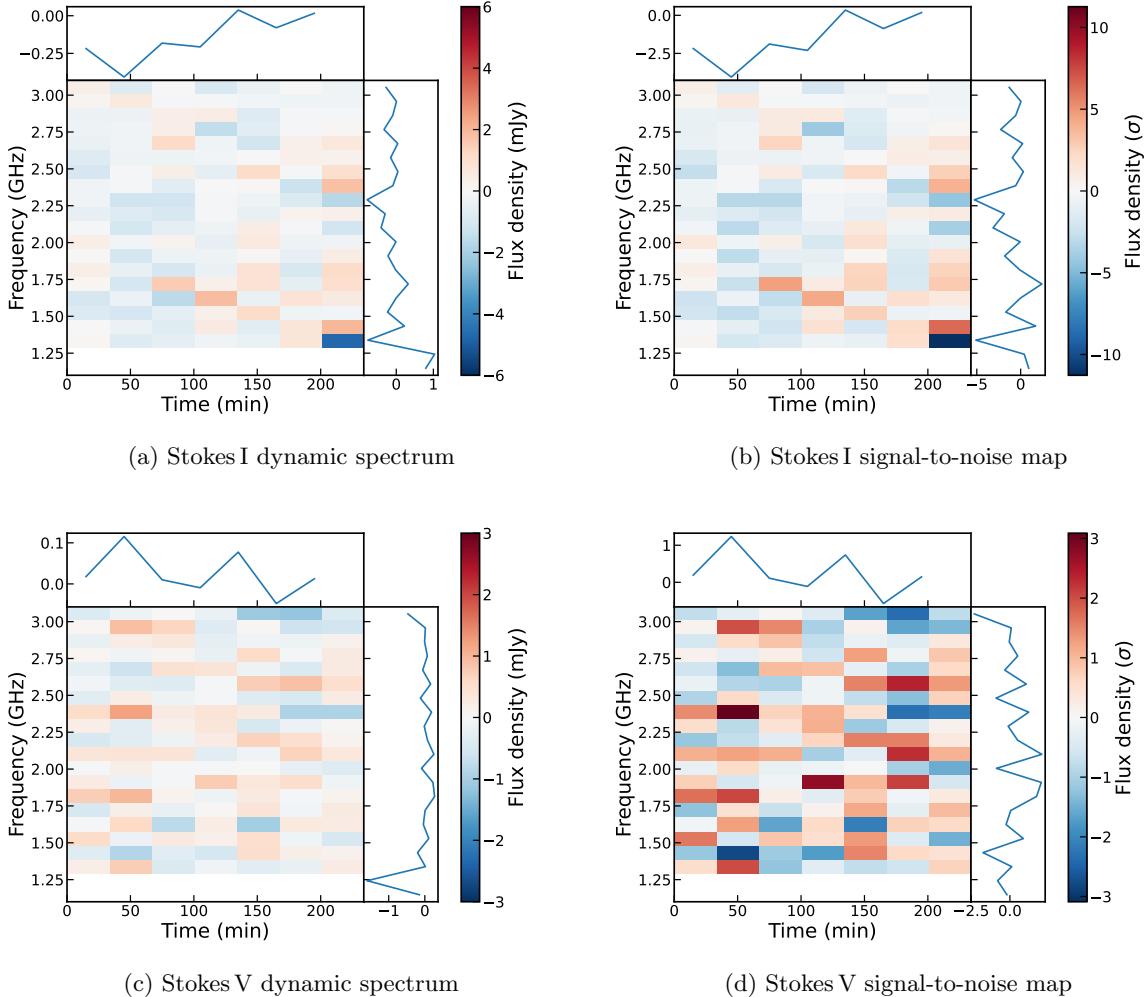


Figure 40: Dynamic spectra of the observation on 2023-03-08.

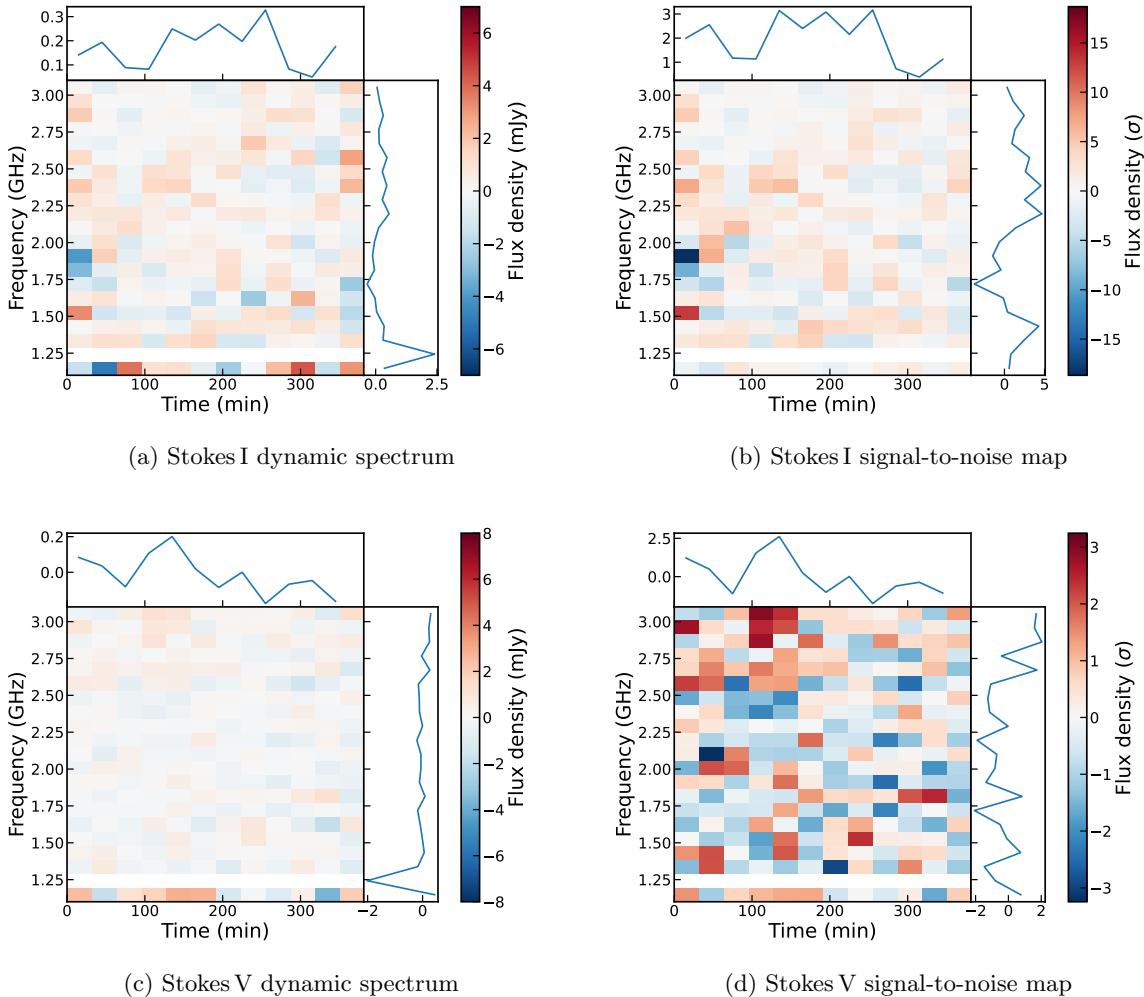


Figure 41: Dynamic spectra of the observation on 2023-03-18.

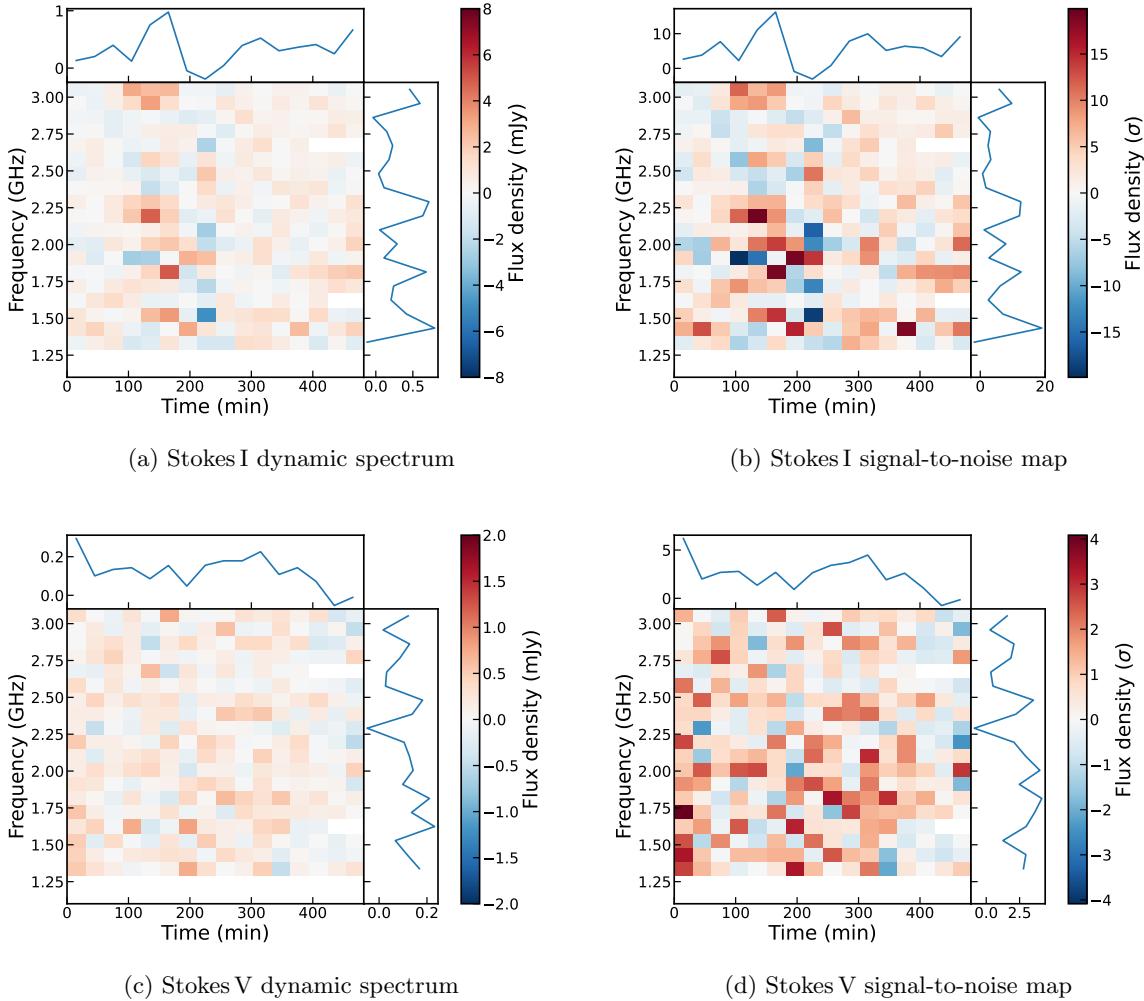


Figure 42: Dynamic spectra of the observation on 2023-03-31.