

The FURST instrument should be able to resolve small scale spectral features of the Sun, such as spectral line profiles and sub-pixel doppler shifts.

Acknowledgments [1] S. Ishikawa et al., 2017 (CLASP); [2] Kobayashi et al., 2013; [3] Kobayashi et al., 2014; [4] Kano et al., 2012; [5] Shimizu et al., 2008; [6] Tsuneta et al., 2008; [7] Kosugi et al., 2007; [8] Peter, 1999; [9] Sansonetti et al., 2004; [10] Kankelborg et al., 2017; [11] Woods et al., 2010. Thank you to my advisers (Dr. Winebarger and Dr. Zank) as well as Dr. Kankelborg and the MSU partnership, in addition to the Alabama NSF EPSCoR funding that allows for this exciting mixture of experimental and theoretical research. As always, thank you to God, my Wife, and Family for their continual support. This material is based upon work supported by the NSF EPSCoR RII-Track-1 Cooperative Agreement OIA-1655280. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National



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