Nonlin. Processes Geophys. Discuss., 2, C620–C621, 2016 www.nonlin-processes-geophys-discuss.net/2/C620/2016/

© Author(s) 2016. This work is distributed under the Creative Commons Attribute 3.0 License.



## **NPGD**

2, C620-C621, 2016

Interactive Comment

## Interactive comment on "Dual plane PIV investigation of acoustically excited jets in a swirl nozzle" by G. S. Regunath et al.

G. S. Regunath et al.

j.rees@shef.ac.uk

Received and published: 11 January 2016

1) The following sentence has been added to the end of the Conclusions section to aid clarification:

However, some coherent structures with close to maximal helicity were found to occur.

2) Clearly this is very insightful speculation, inspired by the shape of the distributions in Fig. 7(b) to (d). The hypothesis that acoustic excitation can be used to control helicity is partially supported by these results, and also from our motivation in using the acoustic excitation to form resonant helical structures. The suggested dynamical responses outside the Strouhal regime studied would require another experimental campaign. It is possible that we may revisit this configuration in the future. We would like to thank

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

**Discussion Paper** 



the referee for the insight.

Interactive comment on Nonlin. Processes Geophys. Discuss., 2, 1407, 2015.

## **NPGD**

2, C620-C621, 2016

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

