

## **Review of “Magnetic local time asymmetries in precipitating and trapped electron and proton populations with and without substorm activity”**

The authors have put a great deal of work into revising the manuscript and the paper has been significantly improved. My major concern regarding the limited support for the the Kp dependency presented as one of the main findings in the last paper has been thoroughly addressed in this version of the manuscript with the inclusion of several new figures - this is an interesting result.

All of my minor comments and typos have been corrected in the paper or sufficiently argued in the author's reply and I believe that the paper is now in good shape for publication.