

## ***Interactive comment on “Comparison between manual scaling and Autoscala automatic scaling applied to Sodankylä Geophysical Observatory ionograms” by C.-F. Enell et al.***

**C.-F. Enell**

carl-fredrik.enell@eiscat.se

Received and published: 18 January 2016

Hi Mike, thanks for your useful comments! They will improve the discussion.

We have to elaborate a bit on foE though, The most fundamental difference is that the manual scaler notes foE and foF1 only for daylight hours, ie different LT hour intervals depending on time of year. Autoscala on the other hand seems always to converge to an foE close to or identical to some a priori model.

The main conclusion remains, however: that finding foF2 based on curve fitting in the image works well, whereas the assumptions about E and Es layers are invalid in the

C156

auroral oval.

---

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 5, 519, 2015.

C157