

Interactive comment on “Ionospheric Plasma Density Measurements by Swarm Langmuir Probes: Limitations and possible Corrections” by Piero Diego et al.

Piero Diego et al.

piero.diego@inaf.it

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Authors want to thank the Referee for the general comment and they appreciate the suggestions that surely will be applied in a new realise of the paper. The analysis of cylindrical L_p , even if interesting for a general description of L_p , it appears a little bit out of theme for our paper since both satellites have spherical one. A short description of T_e used for the calculation of the Debye length along the orbit will be included in future revisions. Anyway, since the two time-series of T_e are in very good agreement, no differences have been found in the correction factor when applying CSES or Swarm values. We could state that discrepancies found in N_e , rather than in T_e , suggests that

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the two instruments work properly but at different collected current level. Best regards
Piero Diego

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