

## ***Interactive comment on “Relativistic electron beams above thunderclouds” by M. Füllekrug et al.***

**M. Füllekrug et al.**

eesmf@bath.ac.uk

Received and published: 16 July 2011

Reply to report #3 for manuscript acp-2011-332

We wish to thank the reviewer for the careful reading of the manuscript and the suggestions on how to improve the quality of the manuscript.

In particular, we have now (1) included the peak current of the causative lightning discharges in Table 1 and (2) explain in more detail that the second radiation burst is produced by an acceleration of the electrons within the beam, i.e. a displacement current, which discharges the electric field.

We adopted all editorial suggestions and hope that these changes are thought to be appropriate by the referee.

---

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 15551, 2011.

C6494