Dear Editor,

Please find attached our manuscript for your consideration for publication in MWR.

Our article exceeds the 7500 word limit. We request that this overage is allowed as we have included appendices that fully describe the schemes used and the test case descriptions in an effort to make everything in the paper easily repeatable by the reader. As this work describes a new numerical method for atmospheric modelling that is going to be used as the transport scheme in the Met Office's Next Generation weather and climate model we feel that the full description is necessary to make it clear to the reader how the new scheme works.

Best wishes,

Tom Bendall and James Kent