

## ***Interactive comment on “Simulation of GOES-R ABI aerosol radiances using WRF-CMAQ: a case study approach” by S. A. Christopher***

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We thank the reviewer for the helpful points raised in the review. The reviewer suggested publication of the paper after minor revisions. 1. I am not sure how radiances at different times of day will add value to this paper. There are several goals in this paper including the generation of RGB imagery, estimation of PM2.5 and comparisons with surface monitors, and establishing methods for calculating radiances from CMAQ. These issues are well highlighted in the study and the revised version has been improved considerably with appropriate caveats, more references and better explanations. 2. The applications and limitations are discussed including references.

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