

Author response

We have resolved the following two issues in the final version of the manuscript:

- *Eq. 1: The viewing and azimuth angles are defined in the text, but are not included in Eq. 1., where I expect that I and R depend on both angles.*

The dependence on μ , μ_0 , ϕ and ϕ_0 is now mentioned in Eq. 1, in both the I and the R.

- *Line 148: explain acronym ATBD.*

We have added the meaning of the acronym ATBD:

“... can be found in the [Algorithm Theoretical Baseline Document \(ATBD\)](#) ...”