

## ***Interactive comment on “Characterization of In Band Stray Light in SBUV/2 Instruments” by L.-K. Huang et al.***

**L.-K. Huang et al.**

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Dear Editor,

Comments from both reviewers are well taken. I have incorporated reviewer's critics in to the revised manuscript. In particular, I added Figure 17 and last paragraph to discuss the impact of IBSL error in the retrieved SBUV ozone profile. I also revised the abstract and the conclusion to reflect the effects on the ozone. The characterization of night side IBSL error in Section 3.2 has been revised for clarity, which includes 4 more equations to describe the characterization of the time dependence and the goniometric dependence. Changes that follow reviewer's comments line by line are in the attached PDF file. Thank you.

C3372

Liang-Kang Huang

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/6/C3372/2013/amtd-6-C3372-2013-supplement.pdf>

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