

Interactive comment on “Instrument observation strategy of new generation three-axis stabilized geostationary meteorological satellite of China” by Jian Shang et al.

Anonymous Referee #2

Received and published: 28 April 2019

General Comments: The manuscript mainly focuses on the observation strategy design of FY-4 satellite and proposed complete and abundant respects towards the on-board imager and sounder. It has significant engineering implementation value, not only for meteorological satellite, but for a variety of remote sensing satellites.

Specific Comments:

1. Please add an introduction of the instruments to help the readers to understand the background, including the bands and resolution.
2. The detector array of star observation should be provided as auxiliary explanation, before the star observation strategies are proposed.

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3. The star observation strategy can be analyzed based on instrument parameters and characteristics, respectively in page 5 and page 7.

4. The overall instrument observation strategy, including full disk observation, black-body observation, star observation, et al., should be described and summarized in a table or figure clearly in page 8 before the simulation.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
<https://doi.org/10.5194/gi-2018-35>, 2019.