

Dear Reviewer,

We are grateful to your useful and appropriate advice. Following the comments and recommendations, we revised our manuscript.

- 1) Figures 1 and 3 are copied from references which should be indicated.
The references were added.
- 2) The new observation window should be described more accurately by adding it to the drawing.
Some information and a drawing of the new window were added.
- 3) The language of the article needs to be improved. Many typos have to be corrected.
Corrected.
- 4) The indication of the start of the system should be identical (1998 or 1999).
Corrected.
- 5) The temperature ranges for application of the diagnostic system indicated in section 5 should match with those given in the other sections.
Corrected.

I would submit the revised manuscript.

Sincerely,

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